

# MAHLE

*Driven by performance*

**2015/2016**

Filtros  
Filters  
Filtros

AFTERMARKET



**MAHLE**<sup>®</sup>  
**ORIGINAL**

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## Catálogos adicionais

Além deste catálogo\*, a MAHLE Metal Leve disponibiliza o seguinte material informativo:

- Catálogo de Pistões, Camisas, Kits e Bronzinas;
- Catálogo de Jogos de Anéis;
- Catálogo de Válvulas, Guias e Sedes de Válvulas;

- Catálogos de Juntas Linha Pesada e Linha Leve.

Você pode encontrar uma versão mais atualizada de nossos catálogos em nossa página web ([www.mahle-aftermarket.com](http://www.mahle-aftermarket.com)).

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## A perfeição é a precisão nos detalhes

Nossa especialidade está no motor de combustão interna e nos periféricos. Por exemplo, na Fórmula 1, os kits equipados com componentes MAHLE ganham uma corrida seguida da outra. Obviamente, isto também se aplica ao mercado de equipamento original da indústria automotiva internacional e, conseqüentemente, ao mercado de reposição – porque o que é preferido no mercado de equipamento original também é a primeira opção para reparos e recondiçionamentos. Aproximadamente 4.500 engenheiros de pesquisa e desenvolvimento em nossos centros Stuttgart (Bad Cannstatt e Feuerbach), Northampton, Detroit (Farmington Hills e Troy), Jundiaí, Tóquio (Kawagoe e Oke-gawa), Pune e Shanghai, trabalham duro para manter esse alto nível de inovação e qualidade, e sua melhoria contínua.

A MAHLE conta com cerca de 66 mil empregados, que produzem sistemas de pistão, componentes de cilindro, trens de válvula e sistemas de gerenciamento

do ar e dos líquidos para a indústria automotiva internacional – e com a mesma inegável qualidade – para o mercado de componentes, atividades apoiadas pela empresa por uma gama de produtos orientados pela demanda do mercado, além de uma grande disponibilidade de entrega e serviços completos.



## As melhores referências — no mundo inteiro



**Estes clientes de equipamento original confiam na MAHLE em todo o mundo:**

Alfa Romeo, Audi, BMW, Case, Caterpillar, Chevrolet, Citroën, CNHTC, Cummins, Dacia, DAF, Daihatsu, Detroit Diesel, Deutz, Dongfeng, Ducati, Ferrari, Fiat, Ford, Freightliner, General Motors, Harley Davidson, Honda, Hyundai, Isuzu, Iveco, Jaguar, John Deere, Kia, Komatsu, Lancia, Land Rover, Mack Trucks, Magna Steyr, MAN, Maserati, Mazda, Mercedes-Benz, Mitsubishi, MWM International, Navistar International, New Holland, Nissan, Opel, Paccar, Perkins, Peugeot, Porsche, Renault, Renault Trucks, Saab, Scania, Seat, Skoda, Smart, Steyr, Stihl, Subaru, Suzuki, Toyota, Vauxhall, Volkswagen, Volvo, Yamaha.

## Filtros para automóveis, utilitários e motocicletas

Como fornecedores de sistemas e módulos da indústria global de motores e veículos, desenvolvemos e produzimos sistemas de filtragem altamente eficazes, assim como filtros do ar, óleo, combustível e para cabines.

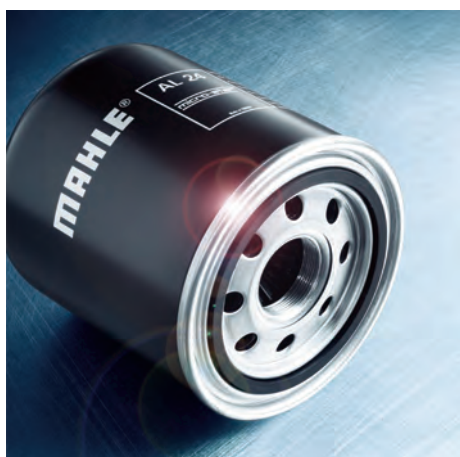
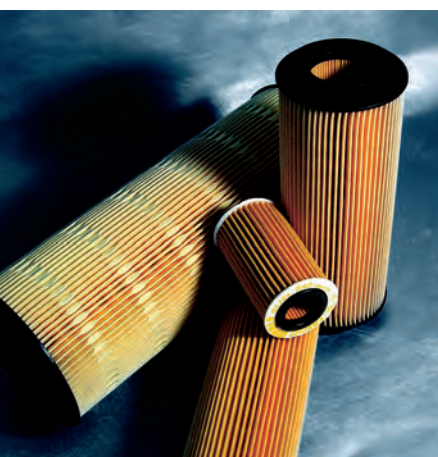
Para preservar o valor e as funções de um veículo, há também a necessidade de atentar para a qualidade das peças de reposição.

### Filtros do ar para cabine

Sem filtros do ar para cabine, o nível de poluição dentro do veículo chega a ser seis vezes maior que o da estrada. Portanto, usar um filtro do ar para cabine traz benefícios para a saúde, tanto do condutor como dos passageiros. Os filtros MAHLE do ar para cabine possuem altos níveis de eficiência, além de

extrema durabilidade, sendo assim um investimento vantajoso não apenas do ponto de vista da saúde como também da economia.

- Os filtros Metal Leve do ar para cabine retêm 99,5% dos sólidos e aerossóis líquidos contidos nas partículas do ar exterior (partículas de poeira, esporos, fuligem, fumaça e vapores), mantendo os do lado de fora.
- Os filtros Metal Leve do ar para cabine com cartuchos de dois estágios possuem uma proteção de carvão ativado. Por isso, além de oferecer proteção contra sólidos e aerossóis líquidos, esses filtros reduzem substancialmente as concentrações de ozônio, gases e odores.



# Filtros para veículos comerciais e máquinas agrícolas

## Sistemas de filtros feitos sob medida para veículos comerciais

Como fornecedor de sistemas para a mais avançada indústria de motores e veículos, desenvolvemos e produzimos – aliados às características do motor, aos fatores de instalação e à área de aplicação – sistemas de filtros otimizados e filtros do ar, óleo, combustível e para o interior dos veículos.

Um adequado e extenso programa de produtos, com elevada cobertura de mercado, está à disposição do mercado de reposição: seja para tratores, colheitadeiras, veículos comerciais, máquinas industriais, veículos especiais ou compressores de ar – a MAHLE tem o filtro otimizado.

## Filtros do ar

Meios de filtragem eficientes para diversos sistemas e projetos. Para manutenção e reposição, elementos de segurança protegem a saída do filtro.

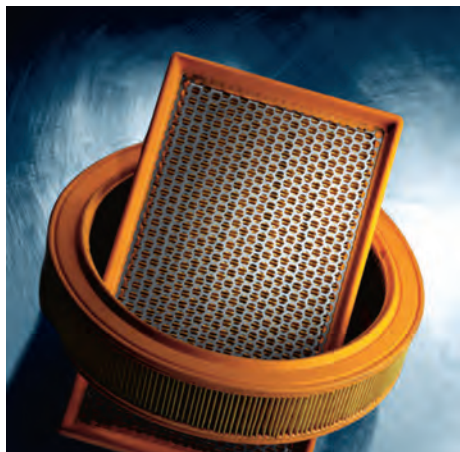
## Filtros do óleo

Também com intercambiadores de calor óleo/água e elementos de filtro ecológicos fáceis de trocar.

## Filtros do combustível

Também para operação RME\*, com elemento de filtro ecológico.

*\* Rapeseed Methyl Ester (Biodiesel):  
usar quando previamente aprovado pelo  
fabricante do veículo.*



# Instruções de uso

As denominações de venda se encontram em ordem alfabética. A seguir, detalhamos os seguintes tipos de filtro:

AL = Elemento do secador de ar

G = Filtro do óleo do câmbio

GC = Filtro blindado do óleo do câmbio

H = Filtro do óleo hidráulico

HC = Filtro blindado do óleo hidráulico

HX = Elemento do filtro do óleo hidráulico

K = Filtro do combustível

KC = Filtro blindado do combustível

KL = Filtro em linha do combustível

KX = Elemento para filtro do combustível

L = Filtro do ar

LA = Filtro do ar para cabine

LAG = Filtro do ar para cabine/Kit

LAK = Filtro para conforto de cabine

LAKG = Filtro para conforto de cabine/Kit

LAR = Filtro do ar para cabine/Moldura de plástico

LX = Elementos para filtros do ar seco

LXS = Elementos de segurança para filtros do ar seco

O = Filtros do óleo lubrificante

OC = Filtro blindado do óleo lubrificante

OR = Filtro ecológico do óleo

OX = Elemento para filtro do óleo lubrificante

OZ = Rotor para o centrífugador do óleo

UX = Filtro de ureia

WFC = Filtro para sistema de refrigeração

## Abreviações

REFRIG. = Refrigeração

TRANS. = Transmissão

DIR. = Direção

SUC. = Sucção

DESUM. = Desumidificador

COMP. = Compressor

## Simbologia

| X | = Aplicação não utiliza filtro de cabine

| ∞ | = Filtro interno para bomba de combustível (Life-Time)

## Declaração





Os códigos originais e outras referências das peças dos fabricantes de veículos ou motores estão indicados apenas para comparação.

Em caso de dúvida, favor contatar o nosso SAC – 0800 015 0015. Todas as informações dadas neste catálogo foram cuidadosamente compiladas, mas não têm obrigação contratual.

As modificações referentes aos códigos do motor e dos tipos nas peças dos fabricantes, bem como aos tipos de filtro, também estão sujeitas à mesma ressalva mencionada.

A partir da publicação deste catálogo, todas as edições anteriores perdem a sua validade. Direitos autorais estão reservados. Reproduções totais ou parciais somente poderão ser feitas mediante a nossa permissão prévia por escrito.

# Estrutura da página e decodificação dos códigos das peças

APLICAÇÃO / APPLICATION		MOTOR / ENGINE	ANO / YEAR					HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER		
1	2	3	4	5	6	7	8	9	10	11	12
<b>KIA MOTORS</b>											
K3500/3600						OC299			X		
Pride	1.3/ 1.3i					OC205			X		
Sephia	1.6i B6		93->			OC205			X		
Sephia 1.5 16V (GTX / LS / Aut.)			01/93->12/01			OC195			X		
Sephia 1.6 (GTX)			01/95->12/95			OC195			X		
Sephia SLX			01/93->12/95			OC195			X		
Sorento	3.5L		04->			OC235/ OC506 PLUS	∞		X		
Sorento	3.8L V6		2006->				∞		LA301		
Soul	1.6L		2.009 ->	LX2739					X		
Soul	2.0L		2.009 ->	LX2739					X		
SPORTAGE	2.0 16V		2005->	LX1785					LA301		
SPORTAGE	2.7 V6		2005->	LX1785					LA301		
Sportage	DLX Diesel		95->			OC318	KC46		LA301		
Sportage - Gasolina	2.0L		01->			OC205	∞		LA301		
Sportage - Gasolina	DLX 2.0 16V		92->	LX1097			KC132		LA301		
<b>KOMATSU</b>											
D122									X	HC81	
D125/D125 A 18	Cummins					OX198D e OX218D			X		
D150/D155A-1 (Após série 20000)	S6 D155 Komatsu Imp.					OX217D/ OX198D			X		
D150/D155A-1 (Até série 19999)	S6 D155 Komatsu Imp.					OX3D			X		
D150/D155A-1 (Série 24805)	S6 D155 Komatsu Imp.						KC133		X		
D155	S1 (série 20000-25483)/ S6D155 Komatsu Imp.					OX217D/ OX198D			X		
D155 A-1	Cummins NT855					OX198D e OX218D	KC133		X		WFC1-REFRIG./ WFC3-PRECAR-GA
D30E - Tratores de esteira	MB OM352		82->	LX236 / LX236/1	LXS41/1	OX197D	KX43/ KX35		X		
D355 A-3	SA6 D 155 Komatsu Imp. 25899					OX217D			X		
D355 A-3	SA6 D 155 Komatsu Imp. 25900					OX198D e OX218D	KC133		X		
D455 A-1	4710 Cummins								X		

- 1 Fabricante
- 2 Veículos/Modelos
- 3 Dados do motor
- 4 Ano de construção
- 5 Filtro do ar primário
- 6 Filtro do ar secundário
- 7 Filtro do óleo
- 8 Filtro do combustível primário
- 9 Filtro do combustível secundário
- 10 Filtro do ar para cabine
- 11 Filtro do óleo hidráulico
- 12 Outros filtros



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# Overview

EN

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## Additional catalogues

In addition to this catalogue\*, the following information material is available from MAHLE Metal Leve: ■ Catalogue for Gaskets

- Catalogue for Piston, Cylinders, Kits and Bearings
- Catalogue for Piston Ring Sets
- Valves, Guides and Valve Seats Catalogue

You can find an updated version of our catalogs on our website ([www.mahle-aftermarket.com](http://www.mahle-aftermarket.com)).

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## Perfection is precision in the detail

Our competence is the internal combustion engine and its immediate environment. For example in formula 1, where racing stables equipped with MAHLE components win races again and again. Of course, this applies also to the original equipment market of the international automotive industry and consequently to the aftermarket – because what is preferred in the original equipment market, is also first choice for repair and retrofitting. About 4,500 R&D engineers in our R&D facilities in Stuttgart (Bad Cannstatt y Feuerbach), Northampton, Detroit (Farmington Hills and Troy), Jundiaí, Tóquio (Kawagoe and Okegawa), Pune and Shangai work hard to maintain this high level of innovation and quality and keep improving it.

MAHLE has around 66,000 employees who make piston systems, cylinder components, valve train systems, air management and liquid management systems for the international automotive industry

– and in the same uncompromising quality for the component trade, which is supported by us with a demand-oriented product range, high readiness to deliver and comprehensive service.



## The best references – worldwide



**These original equipment customers trust in MAHLE throughout the world.**

Alfa Romeo, Audi, BMW, Case, Caterpillar, Chevrolet, Citroën, CNHTC, Cummins, Dacia, DAF, Daihatsu, Detroit Diesel, Deutz, Dongfeng, Ducati, Ferrari, Fiat, Ford, Freightliner, General Motors, Harley Davidson, Honda, Hyundai, Isuzu, Iveco, Jaguar, John Deere, Kia, Komatsu, Lancia, Land Rover, Mack Trucks, Magna Steyr, MAN, Maserati, Mazda, Mercedes-Benz, Mitsubishi, MWM International, Navistar International, New Holland, Nissan, Opel, Paccar, Perkins, Peugeot, Porsche, Renault, Renault Trucks, Saab, Scania, Seat, Skoda, Smart, Steyr, Stihl, Subaru, Suzuki, Toyota, Vauxhall, Volkswagen, Volvo, Yamaha.

# Filters for motor cars, transporters and motorcycles

As system and module supplier of the global engine and vehicle industry, we develop and produce highly effective filter systems and filters for air, oil, fuel and cabin.

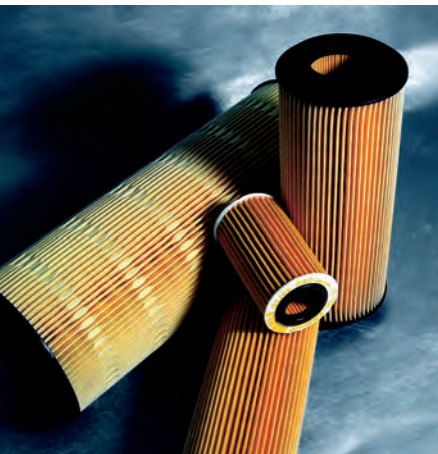
To preserve the value and function of the vehicle, one needs to also pay heed to uncompromising quality with replacement parts.

## Cabin air filters

Without cabin air filters, the level of pollutants inside a vehicle is up to six times greater than at the road-side. So using a cabin air filter is a question of the driver and passengers' health. MAHLE cabin air filters have both high efficiency factors and extreme

durability – thus being a sensible investment not only under health considerations but also in regard to economical aspects.

- Metal Leve cabin air filters catch up to 99.5 % solid and liquid aerosols contained in the outside air (particles such as dust, spores, soot, smoke and fumes), keeping them out of the cabin.
- An activated carbon protective barrier is in action in Metal Leve cabin air filters with two-stage filter media. This filter type therefore offers – additional to protection against solid and fluid aerosols – a dependable reduction in ozone, gas and odour concentrations.



# Filters for commercial vehicles and agricultural machinery

## Tailor-made filter systems for commercial vehicles

As a systems supplier to the foremost international motor and commercial vehicle industry we develop and produce – attuned to motor characteristics, installation factors and area of application – optimal filter systems and filters for air, oil, fuel and the vehicle interior.

An appropriately broad product program with high market coverage is available for the retail trade: whether for a tractor, harvester, commercial vehicle, plant machinery, special vehicle or compressor – MAHLE has the optimal filter.

## Air filters

Efficient filter media for diverse systems and designs. For maintenance and exchange, security insets protect the filter exit side.

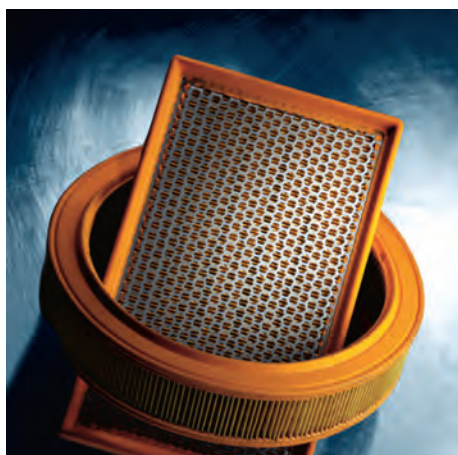
## Oil filters

Also with oil/water heat-exchangers and easy to-change eco oil filter elements.

## Fuel filters

Also for RME\* operation, with eco filter element.

*\* Rapeseed methyl ester ("Biodiesel"), approval from the vehicle manufacturer is presupposed.*



# Instructions for use

Our filter designations are listed alpha-numerically, with letters indicating the specific types of filters:

AL	= Air-drying cartridge	LAG	= Passenger compartment air filter/Kit
G	= Gearbox oil filter	LAK	= Cabin comfort filter
GC	= Spin-on filters	LAKG	= Cabin comfort filter/Kit
H	= Hydraulic filters	LAR	= Passenger compartment air filter/ Plastic frame
HC	= Spin-on filters	LX	= Air filter elements
HX	= Elements for housing filters	LXS	= Safety elements for air filters
K	= Fuel filters	O	= Oil filters
KC	= Spin-on filters	OC	= Spin-on filters
KL	= Inline filters	OR	= Eco oil filter
KX	= Fuel filter elements	OX	= Oil filter elements
L	= Air filters	OZ	= Rotor for oil extractor
LA	= Passenger compartment air filter	UX	= Urea filter
		WFC	= Coolant filter

## Abbreviations

REFRIG.	= Refrigeration
TRANS.	= Transmission
DIR.	= Steering
SUC.	= Suction
DESUM.	= Air drying cartridge
COMP.	= Compressor

## Simbología

X	= Application don't use cabin filter
∞	= Internal filter for fuel pump (Life-Time)

## Declaration





Original part numbers as well as others references of vehicle or engine manufacturers are given for internal comparison only.

In case of doubt, please contact us by phone 55-19-34047735 and fax 55-19-34047733. All information given in this catalogue have been compiled carefully, however, they are not binding.

Changes concerning engine and type numbers on the part of the manufacturers and concerning filter types are also subject to this reservation.

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# Page structure and decoding of part numbers

APLICAÇÃO / APPLICATION		MOTOR / ENGINE	ANO / YEAR					HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER		
1	2	3	4	5	6	7	8	9	10	11	12
<b>KIA MOTORS</b>											
K3500/3600						OC299			X		
Pride	1.3/ 1.3l					OC205			X		
Sephia	1.6i B6		93->			OC205			X		
Sephia 1.5 16V (GTX / LS / Aut.)			01/93->12/01			OC195			X		
Sephia 1.6 (GTX)			01/95->12/95			OC195			X		
Sephia SLX			01/93->12/95			OC195			X		
Sorento	3.5L		04->			OC235/ OC506 PLUS	∞		X		
Sorento	3.8L V6		2006->				∞		LA301		
Soul	1.6L		2.009 ->	LX2739					X		
Soul	2.0L		2.009 ->	LX2739					X		
SPORTAGE	2.0 16V		2005->	LX1785					LA301		
SPORTAGE	2.7 V6		2005->	LX1785					LA301		
Sportage	DLX Diesel		95->			OC318	KC46		LA301		
Sportage - Gasolina	2.0L		01->			OC205	∞		LA301		
Sportage - Gasolina	DLX 2.0 16V		92->	LX1097			KC132		LA301		
<b>KOMATSU</b>											
D122									X	HC81	
D125/D125 A 18	Cummins					OX198D e OX218D			X		
D150/D155A-1 (Após série 20000)	S6 D155 Komatsu Imp.					OX217D/ OX198D			X		
D150/D155A-1 (Até série 19999)	S6 D155 Komatsu Imp.					OX3D			X		
D150/D155A-1 (Série 24805)	S6 D155 Komatsu Imp.						KC133		X		
D155	S1 (série 20000-25483)/ S6D155 Komatsu Imp.					OX217D/ OX198D			X		
D155 A-1	Cummins NT855					OX198D e OX218D	KC133		X		WFC1-REFRIG./ WFC3-PRECAR-GA
D30E - Tratores de esteira	MB OM352		82->	LX236 / LX236/1	LXS41/1	OX197D	KX43/ KX35		X		
D355 A-3	SA6 D 155 Komatsu Imp. 25899					OX217D			X		
D355 A-3	SA6 D 155 Komatsu Imp. 25900					OX198D e OX218D	KC133		X		
D455 A-1	4710 Cummins								X		

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- 2 Vehicles/Models
- 3 Engine data
- 4 Year of construction
- 5 Primary air filter
- 6 Secondary air filter
- 7 Oil filter
- 8 Primary fuel filter
- 9 Secondary fuel filter
- 10 Cabin air filter
- 11 Hydraulic oil filter
- 12 Other filters



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## Catálogos adicionales

Para completar el presente catalogo\*, MAHLE también ofrece los siguientes materiales de consulta: ■ Catálogo de Juntas

- Catálogo de Pistones, Camisas, Kits y Cojinetes
- Catálogo de Aros
- Catálogo de Válvulas, Guías y Asientos de Válvulas

Usted puede encontrar una versión más actualizada de nuestros catálogos en nuestra página web ([www.mahle-aftermarket.com](http://www.mahle-aftermarket.com)).

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# La perfección es la precisión en el detalle

Nuestro trabajo es el motor de combustión y su entorno inmediato. Por ejemplo en la Fórmula 1, donde los bólidos equipados con componentes MAHLE consiguen una victoria tras otra. Naturalmente estamos presentes también en los primeros equipos de la industria automovilística internacional. Y por ello también en el mercado de reposición: pues lo que se elige para los primeros equipos, se elige también para reposición. Para mantener este nivel de innovación y de calidad y seguir desarrollándolo, en nuestros centros de investigación y desarrollo en Stuttgart (Bad Cannstatt y Feuerbach), Northampton, Detroit (Farmington Hills y Troy), Jundiaí, Tóquio (Kawagoe y Okegawa), Pune y Shangai, trabajan alrededor de 4.500 ingenieros de desarrollo.

Aproximadamente 66.000 trabajadores producen en MAHLE sistemas de pistones, componentes de cilindro, sistemas de funcionamiento de válvulas,

sistemas de distribución de aire y sistemas de distribución de líquidos para la industria automovilística internacional y – con la misma calidad incondicional – para el mercado de piezas de recambio, al que abastecemos con una gama de productos, alta tasa de servicio, adecuada a las necesidades.



## Las mejores referencias en todo el mundo



**Estos son algunos de nuestros clientes de primer equipo, que confían en MAHLE por todo el mundo:**

Alfa Romeo, Audi, BMW, Case, Caterpillar, Chevrolet, Citroën, CNHTC, Cummins, Dacia, DAF, Daihatsu, Detroit Diesel, Deutz, Dongfeng, Ducati, Ferrari, Fiat, Ford, Freightliner, General Motors, Harley Davidson, Honda, Hyundai, Isuzu, Iveco, Jaguar, John Deere, Kia, Komatsu, Lancia, Land Rover, Mack Trucks, Magna Steyr, MAN, Maserati, Mazda, Mercedes-Benz, Mitsubishi, MWM International, Navistar International, New Holland, Nissan, Opel, Paccar, Perkins, Peugeot, Porsche, Renault, Renault Trucks, Saab, Scania, Seat, Skoda, Smart, Steyr, Stihl, Subaru, Suzuki, Toyota, Vauxhall, Volkswagen, Volvo, Yamaha.

## Filtros para automóviles, vehículos de transporte y motocicletas

Como proveedores de sistemas y módulos para los fabricantes de motores y vehículos, desarrollamos sistemas de filtración y filtros para aire, aceite, combustible y de habitáculo, de alta eficacia.

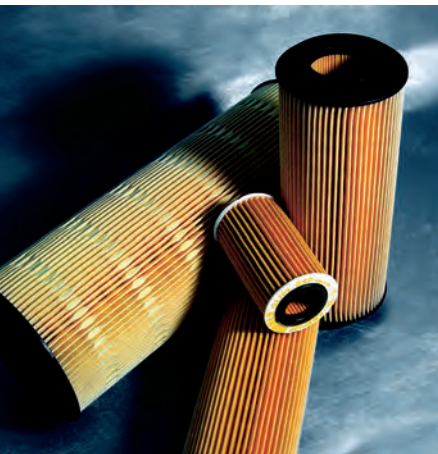
Es importante utilizar piezas de repuesto de calidad garantizada para mantener el valor y el funcionamiento del vehículo.

### Filtros de habitáculo

Sin un filtro de habitáculo, la concentración de sustancias nocivas en el interior de un vehículo es seis veces más grande que en el exterior, es decir, el filtro de habitáculo vela por la salud de los ocupantes del vehículo.

Los filtros de habitáculo MAHLE tienen una gran eficiencia y una larga vida útil, de modo que son una inversión adecuada, tanto desde el punto de vista de la salud como económico.

- Los filtros de habitáculo Metal Leve retienen hasta el 99,5 % de aerosoles sólidos y líquidos (partículas como polvo, polen, hollín y humo).
- Los filtros de habitáculo Metal Leve con cartucho de dos etapas están equipados con un escudo de protección de carbón activo. De esta manera estos filtros, además de la protección contra aerosoles sólidos y líquidos, aseguran la reducción de la concentración de ozono, gases y olores desagradables en el ambiente.



# Filtros para vehículos industriales y maquinaria agrícola

## Sistemas de filtración hechos a medida para vehículos industriales

En nuestra calidad de proveedores líderes de sistemas para la industria automotriz y de vehículos industriales, desarrollamos y fabricamos sistemas de filtros optimizados, filtros de aire, de aceite y de combustible así como filtros para el interior de vehículos adaptados a las características de motor, condiciones de montaje y ámbitos de aplicación específicos.

Hay un amplio abanico de productos disponibles para múltiples aplicaciones: ya sea para tractores, cosechadoras, vehículos utilitarios, máquinas para la construcción, vehículos especiales o compresores, MAHLE tiene el filtro óptimo para cada caso.

## Filtros de aire

Medios de filtro eficaces de los modelos más diversos. Para el mantenimiento y la sustitución se utilizan elementos de protección que cubren el lado limpio del filtro.

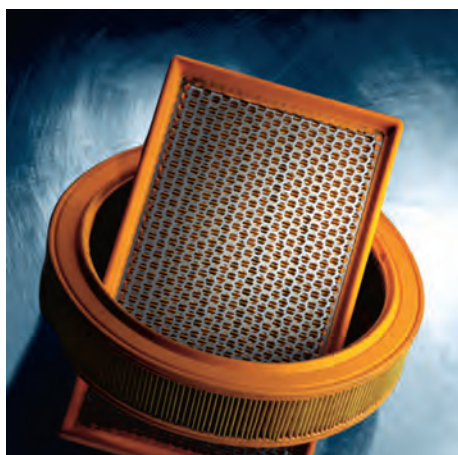
## Filtros de aceite

También con intercambiador de aceite/agua y calor y elementos de filtro ecológicos de aceite de fácil cambio.

## Filtros de combustible

También para funcionamiento con éster metílico de colza\* con elemento de filtro ecológico.

\* Éster metílico de colza ("Biodiesel"), sujeto a la aprobación del fabricante del vehículo.



# Instrucciones de uso

Las denominaciones de venta están por orden alfabético. A continuación les detallamos los siguientes tipos de filtros:

AL	= Filtro secador de aire	LAG	= Filtro de aire para habitáculo/Kit
G	= Filtro de aceite para la caja de cambios	LAK	= Filtro de confort para el habitáculo
GC	= Filtros recambiables	LAKG	= Filtro de confort para el habitáculo/Kit
H	= Filtros de aceite hidráulico	LAR	= Filtro de aire para habitáculo/Marco de plástico
HC	= Filtros recambiables	LX	= Elementos para filtros de aire seco
HX	= Elementos para filtros de cuerpo	LXS	= Elementos de seguridad para filtros de aire seco
K	= Filtros de combustible	O	= Filtros de aceite lubricante
KC	= Filtros recambiables	OC	= Filtros recambiables
KL	= Filtros en conducto	OR	= Filtro de aceite ecológico
KX	= Elementos para filtros de cuerpo	OX	= Elementos para filtros de cuerpo
L	= Filtros de aire	OZ	= Rotor para el centrifugador de aceite
LA	= Filtros de aire para habitáculo	UX	= Filtro de urea
		WFC	= Filtro para sistema de enfriamiento

## Abreviación

REFRIG.	= Refrigeración
TRANS.	= Engranaje
DIR.	= Dirección
SUC.	= Succión
DESUM.	= Cartucho del secador de aire
COMP.	= Compresor

## Simbología

X	= Aplicación no utiliza filtro de habitáculo
∞	= Filtro interno para bomba de combustible (Life-Time)

## Explicaciones






Los números de referencia de los constructores de vehículos y motores se han dado para facilitar la comparación.

En casos de duda les rogamos consultar directamente por el teléfono 55-19-34047735 y fax 55-19-34047733. Los datos de esta lista han sido minuciosamente elaborados, pero no nos responsabilizamos de posibles errores. Tampoco asumimos la res-

ponsabilidad sobre modificaciones en los motores y denominación de los artículos por parte de los constructores, así como en los modelos de filtros.

Con la aparición de este catálogo pierden su validez todas las ediciones anteriores. Reservados todos los derechos. Toda reproducción, aunque sea en extracto, requiere nuestra previa autorización por escrito.

# Configuración de las páginas y códigos de artículo





APLICAÇÃO / APPLICATION		MOTOR / ENGINE	ANO / YEAR						HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER	
1	2	3	4	5	6	7	8	9	10	11	12
<b>KIA MOTORS</b>											
K3500/3600						OC299			X		
Pride	1.3/ 1.3i					OC205			X		
Sephia	1.6i B6		93->			OC205			X		
Sephia 1.5 16V (GTX / LS / Aut.)			01/93->12/01			OC195			X		
Sephia 1.6 (GTX)			01/95->12/95			OC195			X		
Sephia SLX			01/93->12/95			OC195			X		
Sorento	3.5L		04->			OC235/ OC506 PLUS	∞		X		
Sorento	3.8L V6		2006->				∞		LA301		
Soul	1.6L		2.009 ->	LX2739					X		
Soul	2.0L		2.009 ->	LX2739					X		
SPORTAGE	2.0 16V		2005->	LX1785					LA301		
SPORTAGE	2.7 V6		2005->	LX1785					LA301		
Sportage	DLX Diesel		95->			OC318	KC46		LA301		
Sportage - Gasolina	2.0L		01->			OC205	∞		LA301		
Sportage - Gasolina	DLX 2.0 16V		92->	LX1097			KC132		LA301		
<b>KOMATSU</b>											
D122									X	HC81	
D125/D125 A 18	Cummins					OX198D e OX218D			X		
D150/D155A-1 (Após série 20000)	S6 D155 Komatsu Imp.					OX217D/ OX198D			X		
D150/D155A-1 (Até série 19999)	S6 D155 Komatsu Imp.					OX3D			X		
D150/D155A-1 (Série 24805)	S6 D155 Komatsu Imp.						KC133		X		
D155	S1 (série 20000-25483)/ S6D155 Komatsu Imp.					OX217D/ OX198D			X		
D155 A-1	Cummins NT855					OX198D e OX218D	KC133		X		WFC1-REFRIG./ WFC3-PRECAR-GA
D30E - Tratores de esteira	MB OM352		82->	LX236 / LX236/1	LXS41/1	OX197D	KX43/ KX35		X		
D355 A-3	SA6 D 155 Komatsu Imp. 25899					OX217D			X		
D355 A-3	SA6 D 155 Komatsu Imp. 25900					OX198D e OX218D	KC133		X		
D455 A-1	4710 Cummins								X		

- 1 Fabricante
- 2 Vehículos/Modelos
- 3 Datos del motor
- 4 Año de construcción
- 5 Filtro de aire – primário
- 6 Filtro de aire – secundário
- 7 Filtro de aceite
- 8 Filtro de combustible – primário
- 9 Filtro de combustible – secundário
- 10 Filtro de habitáculo
- 11 Filtro de aceite hidráulico
- 12 Otros filtros



**MAHLE**

**MAHLE**  
OC 983





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>ADAMS</b>											
Motoniveladoras: 220- /230/330/440/550/660/777/ PF660/666/777	Detroit 3.71 / 4.71								X		WFC1- REFRIG.
Motoniveladoras: 300- /330/440/550/660/666/777/H/HR/ NH6/N6.4	Cummins				OX198D OX218D	KC133			X		WFC1- REFRIG.
<b>AGCO</b>											
MF265			LX1687/1	LXS259					X		
<b>AGRALE</b>											
4100 (Máquina Agrícola)	Agrale M93	1999->	LX1802		OC18				X		
4230	Agrale M 790	96->	LX272		OC18	KC113			X	HX15	
5000RD	MWM 229/4	97->	LX275	LXS5/1	OC26	KX43 KX35			X		
6000 (RS/RD/CD)	MWM Sprint 4.07TCA 2.8L	00->	LX1314		OC404	KC121/1 KL41			X		
7000 DX, 7500 DXT	MWM 4.10	94->96	LX243	LXS37/1	OC60	KC121/1 KC18			X		
7000/7500/8500 T	MWM 4.10/4.10 T	97->	LX265	LXS37/1	OC60	KC121/1 KC121 KC119	KC121		X		
8500TDX 4x2, 7000, 7500T	MWM 4.10/4.10 T	97->	LX243	LXS37/1	OC60	KC121 KC119 <sup>(2)</sup>			X		
8.500 E-MEC	MWM D 4.10 TCA	01/06->	LX1314	LXS251	OC60	KC492			X		
9200	4.10 TCE	06->			OC60				X		
9200 E-Mec / Furgovan 8000	MWM 4.10 TCA	01/03->			OC60	KC121/1			X		
BF4.150TB	MWM D229/6		LX227	LXS42/1	OC60	KX43 KX35			X	HC76	HC84- TRANS.
BX100, BX4100 Turbo	MWM D229/4D		LX265	LXS37/1	OC60	KX43 KX35			X	HC76	HC84- TRANS.
BX130	MWM D229/6		LX200 LX200/1	LXS40/1	OC60	KC24 KC6D	KX23		X		
BX4110	MWM 229	01/94->	LX265	LXS37/1	OC60	KC18			X	HC76	
BX4.90	MWM D229/4		LX265	LXS37/1	OC26	KX43 KX35	KC18		X	HC76	
BX90	MWM D229/4		LX265	LXS37/1	OC26	KX43 KX35			X	HC76	
Furgovan 6000	MWM Sprint 4.07TCA 2.8L	02->	LX1314		OC404	KC121/1 KL41			X		
Junior	MWM 4.10T	96->	LX910	LXS37/1	OC60	KC18	KC18		X		
MA 10	MWM Acteon 4.12 TCE	01/07->	LX1801	LXS219	OC60	KC492			X		
MA 15	MWM Acteon 4.12 TCE	01/07->	LX1801	LXS219	OC60	KC492			X		
MA 7.0	MWM 4.10 T	01/97- >05/00	LX265	LXS37/1	OC60	KC121/1 KC18			X	HX15	
MA 7.0	MWM 4.10 T	00->	LX265	LXS37/1	OC60	KC120 KC492			X		
MA 7.5 T	MWM 4.10 TCA	01/96- >05/00	LX265	LXS37/1		KC121/1 KC121			X		
MA 7.5 T	MWM 4.10 TCA	06/00->	LX265	LXS37/1	OC60	KC120 KC492			X		
MA 7.5 (E-Tronic)	MWM 4.12 TCE	01/05->	LX1314	LXS251	OC60	KC492			X		
MA 7.5T - Micro Bus, MA 8.5T - Micro Bus	MWM 4.10T	01/98- >01/99	LX265	LXS37/1	OC35				X	HX15	
MA 7.9	MWM 4.10 TCA	03/06->				KC121/1			X		
MA 8.0	MWM 4.10 TCA	01/05->				KC121/1			X		
MA 8.5	MWM 4.10 TCA	01/96- >05/00	LX265	LXS37/1		KC121/1 KC121			X		
MA 8.5	MWM 4.10 TCA	06/00->	LX265	LXS37/1	OC60	KC120 KC492			X		
MA 8.5 (E-Tronic)	MWM 4.12 TCE	01/05->	LX1801	LXS219	OC60	KC492			X		
MA 8.5T	Cummins B 5.9					KC6D			X	HX15	





(1) Tipo Exportação

(2) Opcional

(3) Com Ar

(4) Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>AGRALE</b>											
MA 9.2	MWM 4.10 TCA	01/02->			OC60		KC121/1		X		
MA 9.2	4.10 TCA	04/05->			OC60				X		
MA 9.2	4.12 TCE	04->			OC60				X		
MA 9.2 (E-Tronic)	MWM 4.12 TCE	01/06->	LX1801	LXS219	OC60		KC492		X		
MT 12.0 (LE/SB)	Cummins Int. 4 ISBE	01/06->	LX1801	LXS219	OC60				X		
MT 12.0 (LE/SB)	Cummins Int. 6 ISBE	01/06->	LX1801	LXS219	OC60				X		
T4100, 4200, 4300, 4300 Cambio T	AGRALE M790-D229/4	80->			OC18		KC24 KC6D		X	HX15	OC18- TRANS.
TX1100 Diesel	M 790	82->			OC18		KC24 KC6D		X	HX15	
TX1200, 1600 Álcool	GM 4151	83->	LX902/1		OC301		KL222 KL63		X	HX15	
TX1600 Diesel	MWM D229/3	86->	LX1057		OC26		KC24 KC6D		X	HX15	
TX1800 Diesel	Perkins Q20B4236	82	LX275	LXS5/1	OC324		KC18	KX23	X	HX15	
Volare	MWM Sprint 4.07TCA 2.8L				OC404		KL41		X		
Volare	MWM X10	05/00->	LX265		OC60		KC120		X		
Volare	MWM X10	98-> >05/00	LX265	LXS37/1	OC60		KC121		X	HX15	
Volare A5, A6	MWM Sprint 4.07TCA 2.8L	00->	LX1314	LXS251	OC404		KC121/1 KL41		X	HX15	
Volare A6	MWM 4.07 TCA	01/98-> >12/99	LX265	LXS37/1			KC121/1 KL41		X		
Volare A8	MWM 4.10 TCA	06/00->	LX1314	LXS251	OC60		KC120 KC492		X	HX15	
Volare A8 / 8500	MWM 4.10 TCA	01/98-> >05/00	LX265	LXS37/1	OC60		KC121/1 KC121		X		
Volare W8	MWM 4.12 TCE	03/06->	LX1801	LXS219	OC60		KC492		X		
Volare W9	MWM 4.12 TCE	11/06->	LX1801	LXS219	OC60		KC492		X		
W8	MWM 4.10 TCA	04->			OC60				X		
W8	MWM 4.12 TCE	04->			OC60				X		
<b>ALFA ROMEO</b>											
145	1.8 16V	96->99	LX618		OC66 OC505 PLUS		KL582 (Plus) KL83 <sup>(1)</sup>		LA34 <sup>(3)</sup>		
145	2.0 16V	96->99	LX618		OC66 OC505 PLUS				LA34		
145, 146	1.9 TD	08/94->	LX453				KC18		LA34 <sup>(3)</sup>		
146	2.0L 16V	03/98-> >01/01			OC66						
147	2.0L 16V	11/00-> >12/10			OC66						
155	1.9 Turbo Diesel	93->	LX453				KC18		LA34 <sup>(3)</sup>		
155	2.0 16V	95->98	LX618		OC66 OC505 PLUS				LA34		
156	2.0	00->			OC66 OC505 PLUS				LA56		
156	2.5L 24V V6 MPI	10/97-> >10/05			OC66						
156		10/97->							LA56		
156/156 Sportage (SW/CA)	2.5L 24V V6 MPI	01/03-> >12/03			OC66				LA56		
164	3.0 V6 24V	94->					KL2		X		
166	3.0	00->			OC66 OC505 PLUS						
B2500	2.5L	98->			OC274				X		
Spider GTV		86->93			OC23 OC506 PLUS				X		
Spider GTV		95->							LA34		





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°					
<b>ALFA ROMEO</b>											
Spider GTV		95->							LA34		
<b>AM HOIST</b>											
5530	Scania D11			LXS43/1		OC18		KC113	X		
<b>ASIA MOTORS</b>											
825 Micro Ônibus		93->				OC503			X		
Hi Topic	2.7	93->97	LX1068			OC503		KC46	X		
Hi Topic		97->	LX1094			OC503		KC46	X		
Rocsta		93->94				OC318			X		
Towner 0.8 (todos os modelos)		01/93->12/99	LX1066			OC195			X		
Towner Truck		93->				OC205		KL63	X		
Towner Van/Coach		93->				OC205		KL63	X		
<b>ASTRA</b>											
RD-Série: RD 50	Motor TCD 2015 V8	01/09->						KC8	X		
<b>ATLAS COPCO</b>											
AB1202, 1302, ASB1-101-12	Deutz 3/4 Cil.					OC26		KC113	X		
AB1602, 1700, 1702, 1902, 2002	Deutz 6 Cil.			LXS42/1		OC60		KC113	X		
AR - Série 32 C	Deutz F4M 1008	01/92->				OC100 OC505 PLUS			X		
AR - Série 32 E	Deutz F4M 1008	01/93->				OC100 OC505 PLUS			X		
FA1207	Elétrico		LX227	LXS42/1					X		
GA107, 110	STD Compressor Estacionário					OC175			X		
GA1107, 1108, 1110, 1207, 1208, 1209, 1210	Todos STD ou Pack Serv					OC175			X		
GA1407, 1408, 1409, 1410	Todas STD ou Pack Serv.		LX227			OC175			X		
GA207, 208, 209, 210	Todos STD ou Pack Serv					OC175			X		
GA307, 308, 309, 310	Todos STD ou Pack Serv					OC175			X		
GA407, 408, 409, 410	Todos STD ou Pack Serv					OC175			X		
GA507, 508, 509, 510	Todos STD ou Pack Serv					OC175			X		
GA607, 608, 609, 610	Todos STD ou Pack Serv					OC175			X		
GA707	Elétrico			LXS37/1					X		
GA707, 708, 709, 710	Todos STD ou Pack Serv					OC175			X		
GA807	PACK - Compressor					OC175			X		
GA807, 808, 810	Todos STD ou Pack Serv					OC175			X		
GA807, 808, 810, 1107, 1108, 1110, 1207, 1208, 1209, 1210	Pes. Sist. Duplo		LX227	LXS42/1		OC175			X		
GAR30A	Compressor Estacionário		LX272			OC175			X		
MT2010 / ST1030	Cummins QSL9 0		LX3605						X		
P425	Volvo Penta 100A		LX227	LXS43/1		OC30		KX44	X		
PR600	Compressor					OC175			X		





(1) Tipo Exportação

(2) Opcional

(3) Com Ar

(4) Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>ATLAS COPCO</b>											
PR700	CUD - Compressor				OC175				X		
PR700TD	Volvo Penta A		LX241	LXS43/1			KX44		X		
PT900, 1200	CAT D334				OX217D		KC114		X		
PT/PTHS/PTS 900/1.200	CAT D343				OC175				X		
RCO810 Perfuratriz	Deutz 6 Cil.				OC60		KC113		X		
RD10+	Cummins QSK19 0		LX3605						X		
ROC F6 / F7	Mercedes Benz		LX3605						X		
ST35, ST48	Deutz 4 Cil.		LX265	LXS37/1	OC26		KC113	KC113	X	OC18	
ST71	Deutz 6 Cil.		LX227	LXS42/1	OC60		KC24	KC24	X	OC18	
ST71 Compressor	Deutz 6 Cil.				OC18				X	OC18	
ST71DD, STS71, STS71DD	Deutz 6 Cil.		LX227		OC60				X	OC18	
ST95	Deutz 6 Cil.		LX275	LXS43/1	OC507		KC24	KC24	X	OC18	
ST95 Compressor					OC18				X	OC18	
VT1, VT3, VT4, VT5	Ford 6 Cil.								X	OC18	
VT2, VT3	Ford 4 Cil.				OC18				X		
VT3 Após Série 212308	Deutz F-4L-514				OC26		KC113		X		
VT3, VT4	Deutz 4 Cil.	77->			OC26		KX113		X	OC18	
VT3, VT4 Compress.	Deutz F-4L-514				OC18		KX44	KC113	X		
VT4 a partir da série F-223.547	Deutz				OC26				X		
VT4DD	Deutz F4L-912				OC26				X		
VT5, VT5DD, VT5DDA a partir da série 1967	Deutz F6L-514	67->			OC60				X		
VT5, VT5DD, VT5DDA até série 1966	Deutz F6-514	->66			OX85D				X		
VT5, VT6	Deutz 6 Cil.	77->			OC60		KC113		X	OC18	
VT5, VT6 Compressor	Deutz 6 Cil.				OC18				X		
VT6, VT6DD a partir da série 251857	Deutz F6L-514				OC60		KC113		X		
VT6, VT6DD até série 251856	Deutz F6L-514						KC113		X		
XA120DD	Deutz F4L-912				OC26		KC113		X		
XA120, XA160	Perkins 6354	76->		LXS43/1	OC308		KX23		X		
XA120, XAS120	Perkins 4248		LX227	LXS42/1	OC324		KX23		X		
XA160	Deutz F6L-912			LXS43/1	OC60				X		
XA160	Perkins 6358			LXS43/1	OC18		KX23		X		
XA350DST, XAH350	Scania DS11		LX227	LXS42/1	OC324		KX23		X		
XA40 Compressor portátil	Agrale M 790				OC18				X		
XA60, XA80	Perkins 4203/4236	->74			OX18D		KX23		X		
XA60, XA80	Perkins 4203/4236	75->			OC324		KX23		X		
XAH315,350	Scania DS11				OC175				X		
XA, XAS, XASS120	Perkins 4248				OC175				X		
XA, XAS, XASS120PD	Compressor				OC175				X		
XA, XAS, XASS160	Perkins 6.354				OC175				X		





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>ATLAS COPCO</b>											
XA, XAS, XASS175 D	Deutz F6L 913				OC175				X		
XA, XAS, XASS350	Compressor - Scania DS11				OC175				X		
XA, XAS, XASS46 DD	Deutz F2M 1011	01/97->			OC175				X		
XA, XAS, XASS56 DA/DD	Deutz F2M 1011	01/97->			OC175				X		
XA, XAS, XASS60	Perkins 4203/4236				OC175				X		
XA, XAS, XASS60 E	Compressor				OC175				X		
XA, XAS, XASS66 D/DdG	Deutz F3M 1011F	01/97->			OC175				X		
XA, XAS, XASS76 DD	Deutz F3M 1011F	01/97->			OC175				X		
XA, XAS, XASS80	Perkins 4203/4236				OC175				X		
XA, XAS, XASS96 DD	Deutz F3M 1011F	01/98			OC175				X		
XA/ XAS/ XASS 125D	Deutz F4L 913				OC175				X		
XA/ XAS/ XASS 60 E			LX265						X		
XHA120, XA160	Perkins 6354	->75	LX271/2	LXS43/1	OX200D OC175		KX23		X		
<b>AUDI</b>											
100	1.8	08/85->00	LX208/1		OC47 OC522 PLUS				X		
100	1.8	02/85->11/90	LX208/1		OC47 OC522 PLUS		KL222 KL63		X		
100	2.0 4cil.	->07/76			OC47 OC522 PLUS		KL222 KL63		X		
100	2.2 5cil. Gas.	10/82->88			OC47 OC522 PLUS				LA45		
100	2.2 Gas.	07/84->12/90			OC47 OC522 PLUS				LA45		
100	2.4 Diesel	05/91->06/94					KC18		X		
100	2.4 Diesel	09/89->12/90					KC22		X		
100	2.8	90->94			OC47 OC522 PLUS				LA45		
100 CC/CS/CD	1.8	09/82->86	LX208/1		OC47 OC522 PLUS		KL222 KL63		X		
100 CD	2.1 5cil.Gas.Carb.	10/83->09/85			OC47 OC522 PLUS				X		
100 D/5D Avant/5D	2.0 5cil.Diesel	78->82			OC324		KC22		X		
100 E	2.2 5cil. Gas.	08/77->09/82			OC47 OC522 PLUS				X		
100 E	2.2 5cil. Gas.	10/82->88			OC47 OC522 PLUS				X		
100 E	2.6 V6 Gas.	05/92->06/94			OC47 OC522 PLUS				X		
100 E	2.6/2.8 V6 Gas.	12/90->06/94			OC47 OC522 PLUS				X		
100 E/SE	2.0	05/91->06/94			OC47 OC522 PLUS				X		
100 E/SE	2.0 5cil.Gas.	09/85->05/91			OC47 OC522 PLUS		KL222 KL63		X		
100 E/SE	2.3 Gas.	09/89->11/91			OC47 OC522 PLUS				X		
100 E/SE Avant SE	2.0	->09/85			OC47 OC522 PLUS				X		
100 E/SE Avant SE	2.0	10/85->11/91			OC47 OC522 PLUS				X		





(1) Tipo Exportação

(2) Opcional

(3) Com Ar

(4) Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>AUDI</b>											
100 LS/DL	1.9	71- >07/76			OC47 OC522 PLUS		KL222 KL63		X		
100 S4 (Avant Turbo) Mec. (AAN/ABY)	2.2	1994- >1995			OC1241						
100 SE	2.1 5cil.Gas.Carb.	08/76- >07/80			OC47 OC522 PLUS		KL222 KL63		X		
100 SE	2.1 5cil.Gas.Carb.	08/80- >82	LX208/1		OC47 OC522 PLUS		KL222 KL63		X		
100 Turbo	2.2 Gas.	09/89- >05/91			OC47 OC522 PLUS				X		
100 Turbodiesel	2.0 5cil.Diesel	10/82- >11/91					KC22		X		
100 Turbodiesel após serie P14001	2.5TDi Diesel	01/91- >06/94					KC18		X		
100 (43, 44, 4A, C1-C4)	2.6 E - ABC	03/92- >06/94			OC1241				X		
100 (43, 44, 4A, C1-C4)	2.8 E - AAH	12/90- >06/94			OC1241				X		
100 (4A, C4)	2.8L 12v V6	01/93- >12/95			OC522 PLUS				LA46 LAK46		
100 (ABC) Mec.	2.6 E	1992- >1994			OC1241						
100 (Avant) Aut. (AAH/ABC/ACZ)	2.8 E V6	1993- >1995			OC1241						
200	2.2	89->00			OC47 OC522 PLUS				X		
200 E	2.2 Gas.	10/79- >09/82			OC47 OC522 PLUS				X		
200 E	2.2 Gas.	10/82- >09/86			OC47 OC522 PLUS				X		
200 Turbo	2.1 Turbo Gas.	04/80- >08/88			OC47 OC522 PLUS				X		
200 Turbo Quattro	2.2	12/87- >08/89			OC47 OC522 PLUS				X		
80	1.3 Gas.	09/72- >07/79	LX208/1		OC47 OC522 PLUS		KL222 KL63		X		
80	1.3 Gas.	08/79- >06/81			OC47 OC522 PLUS		KL222 KL63		X		
80	1.6	11/93->	LX208/1		OC47 OC522 PLUS				X		
80	1.6 Gas.	09/75- >10/87	LX208/1		OC47 OC522 PLUS		KL222 KL63		X		
80	1.6 Gas.	09/93- >03/95	LX296		OC47 OC522 PLUS						
80	1.8	10/83- >08/89			OC47 OC522 PLUS						
80	1.8	09/89- >10/91	LX208/1		OC47 OC522 PLUS						
80	1.8 Gas.	09/89- >10/91			OC47 OC522 PLUS						
80	1.9 Gas.	09/86- >08/91			OC47 OC522 PLUS						
80	2.0	94->			OC47 OC522 PLUS				LA45		
80	2.0 16V.Gas.	07/90- >06/92			OC47 OC522 PLUS				LA45		





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>AUDI</b>											
80	2.0 Gas.	11/91- >09/93	LX208/1		OC47 OC522 PLUS					LA45	
80	2.2 20V. Gas.	08/92- >03/95			OC47 OC522 PLUS					LA45	
80	2.2 Gas.	10/94- >12/95			OC47 OC522 PLUS					LA45	
80	2.3	09/91- >06/92			OC47 OC522 PLUS						
80 CD	1.9 Gas.	09/81- >07/83	LX208/1		OC47 OC522 PLUS		KL63				
80 CD/SE	2.0	07/84			OC47 OC522 PLUS					LA45	
80 C/CL/GL	1.3 Gas.	07/81- >08/86	LX208/1		OC47 OC522 PLUS		KL222 KL63		X		
80 D	1.9 Diesel	09/89- >08/91					KC18				
80 E	1.8	09/91- >95	LX208/1		OC47 OC522 PLUS						
80 E/SE	2.0 16V. Gas.	04/94- >03/95			OC47 OC522 PLUS					LA45	
80 E/SE	2.0 Gas.	09/90- >11/91			OC47 OC522 PLUS					LA45	
80 E/SE	2.6 V6 Gas.	09/92- >03/95			OC47 OC522 PLUS					LA45	
80 GL	1.8 Gas.	10/83- >08/89	LX208/1		OC47 OC522 PLUS		KL222 KL63				
80 GLE/GTE	1.6/1.8	09/80- >07/86			OC47 OC522 PLUS						
80 GT	1.6 Gas.	08/73- >07/75	LX208/1		OC47 OC522 PLUS		KL222 KL63		X		
80 GTE	1.6 Gas.	08/75- >12/76			OC47 OC522 PLUS		KL222 KL63		X		
80 GTE	1.8	10/83- >08/89			OC47 OC522 PLUS						
80 Quattro (85Q, 89Q, 8A/C, B4)	2.8 - AAH	09/91- >12/94			OC1241					LA45	
80 Quattro (85Q, 89Q, 8A/C, B4)	2.8 E Avant - AAH	08/92- >05/95			OC1241					LA45	
80 S/LS/GL	1.5 Gas.	09/75->	LX208/1		OC47 OC522 PLUS		KL222 KL63		X		
80 Turbodiesel	1.6 Turbodiesel	09/89- >91					KC18				
80 Turbodiesel	1.9 turbo Diesel	11/92- >95					KC18				
80 (80-89, 8A/C, B1-B4)	2.0 E 16V - ACE	08/92- >12/94			OC1241					LA45	
80 (80-89, 8A/C, B1-B4)	2.8 E - AAH	09/91- >12/94			OC1241					LA45	
80 (Avant até N° Chassis 8CS025820) Aut./Mec.	2.6 E 12V V6 ABC	1992- >1996			OC1241						
80 (Avant Turbo) Mec.	2.2 S2 ADU	1994- >1995			OC1241						
80 (Avant) Aut./Mec.	2.0 16V	1992- >1997			OC1241						
80 (Cabriolet até N° Chassis 8CS025820) Aut./Mec.	2.8 E 12V V6 AAH	1991- >1995			OC1241						
81 (80-89, 8A/C, B1-B4)	2.6 E Avant - ABC	07/92- >02/96			OC1241					LA45	





(1) Tipo Exportação

(2) Opcional

(3) Com Ar

(4) Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>AUDI</b>											
90	2.0 20V. Gas.	05/87->00			OC47 OC522 PLUS						
90	2.2 Gas.	07/84->08/89			OC47 OC522 PLUS						
90 E/SE	2.3 Gas.	09/89->07/90			OC47 OC522 PLUS				X		
90 Mec.	2.0 PS	1988->1990			OC1241						
90 Mec.	2.3 E 20V NG KAT	1987->1991			OC1241						
90 Turbodiesel	1.6 Turbodiesel	12/86				KC22			X		
90 (81, 85, 89, 8A, B2, B3)	2.3 E 20V - 7A (123kW, 167 BHP)	04/90->07/91			OC1241						
90 (81, 85, 89, 8A, B2, B3)	2.3 E 20V - 7A (125kW, 170 BHP)	08/88->07/91			OC1241						
A1	1.4 TFSI S TRONIC	2012->								LA120	
A3	1.6	12/96->	LX684		OC1241	KL79				LA31	
A3	1.6	06->			OC47 OC522 PLUS					LA31	
A3	1.6 Gas.	09/96	LX684			KL79				LA31	
A3	1.6 (8P1/8PA)	05/03->				KL176-6D				LA31	
A3	1.6/1.8/1.8T	96->			OC1241	KL79				LA31	
A3	1.8	96->	LX684		OC1241	KL79				LA31	
A3	1.8 20V/ 1.8 20V Turbo	96->	LX684		OC1241	KL79				LA31	
A3 Aut./Mec.	1.8 20V AGN/APG	1996->2006			OC1241						
A3 Aut./Mec./Tiptronic	1.8 20V TURBO AGU/AQA/ARX/ARZ/AUM	1996->2006			OC1241						
A3 Cabriolet Aut.	1.6 8V BGU	2008->2010			OC1241						
A3 Cabriolet Aut.	1.6 AEH/AKL/APF/AVU	1994->2004			OC1241						
A3 I (8L1)	1.6 - AEH/ AKL/ APF	12/96->			OC1241					LA31	
A3 I (8L1)	1.6 - AVU	06/00->			OC1241					LA31	
A3 I (8L1)	1.8 20V - AGN/APG	09/96->			OC1241					LA31	
A3 I (8L1)	1.8 20V Turbo - AGU/AQA/ARX/ARZ/AUM	12/96->			OC1241					LA31	
A3 Sportback	2.0 16V FSI TURBO (BWA)	01/07->			OC1022						
A3 Turbo	1.8 20V.Turbo Gas.	12/96->	LX684			KL79				LA31	
A3 (8L)	1.8L S3 Turbo Quattro	01/99->12/03	LX684		OC47 OC522 PLUS	KL79 KL79/3				LAK63	
A4	1.6 Gas.	10/94->08/95	LX448			KL2				LA45	
A4	1.6/1.8 20V/ TURBO	95->	LX448							LA45	
A4	1.8 20V.Turbo Gas.	10/94->	LX448			KL2				LA45	
A4	1.9 turbo Diesel	93->	LX448							LA45	
A4	2.6 V6.Gas.	03/95->	LX448		OC38	KL2				LA45	
A4	1.8 20V. Gas.	10/94->	LX448			KL2				LA45	
A4	2.4 V6.Gas.	08/97->	LX448		OC38	KL2				LA45	
A4	2.8 V6.Gas.	03/96->	LX448			KL2				LA45	
A4	3.0	97->	LX448							LA45	
A4 Automatico	2.0	05->			OC47 OC522 PLUS						
A4 Aut./Multitronic	2.0 20V ALT	2000->2003			OC1241						





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR									HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°				
<b>AUDI</b>												
A4 Avant Multitronic	2.0 16V FSI TB (BWE)	01/07->										
A4 Cambio Multitronic	3.0i 30V.Gas.	01/03-> 12/04										
A4 Mec.	1.6 ADP/AHL/ANA/ARM	1995-> 2001										
A4 Mec.	1.6 ALZ	2001-> 2008										
A4 Multitronic	2.0 16V FSI TURBO (BWE)	01/07->										
A4 Todos	2.8	11/94->	<b>LX448</b>									LA45
A4 (Avant Turbo) Aut/Mec/ Tiptronic	1.8 20V AEB/AJL/ANB/APU/ARK	1995-> 2001										
A4 (AVANT)	3.2 24V FSI (AUK)	2005-> 2008										
A4 (Avant) Mec.	1.8 20V ADR/APT/ARG	1995-> 2001										
A4 (AVANT/CABRIOLET/ LIMOUSINE/SEDÃ/QUATTRO)	3.2 24V FSI (CALA)	2007->										
A4 (AVANT/QUATTRO) TIPTR- ONIC/MULTITRONIC	3.0 TFSI (CAKA)	2009->										
A4 (Avant/Sport/Limousine) Aut./ Multitronic	2.0 16V FSI AWA	2002-> 2005										
A4 (B5/8D2, 8D5)	1.6 - ADP/AHL/ANA/ARM	01/95- 09/01	<b>LX448</b>									LA45
A4 (B5/8D2, 8D5)	1.8 20V - ADR/APT/ARG	01/95- 09/01	<b>LX448</b>									LA45
A4 (B5/8D2, 8D5)	1.8 20V - AFY	04/95- 09/01	<b>LX448</b>									LA45
A4 (B5/8D2, 8D5)	1.8 20V Turbo - AEB/ANB/APU/ ARK	01/95- 09/01	<b>LX448</b>									LA45
A4 (B5/8D2, 8D5)	1.8 Turbo - AJL	12/97- 09/01	<b>LX448</b>									LA45
A5	2.0 16V TFSI GASOLINA (CDNC, CAEB)	06/08->										
A5	2.0 16V TFSI (CAEA, CAEB, CDNB)	06/08->										
A5	3.0 S5 TFSI (CCBA/CAKA)	2009->										
A5	3.2 V6 24V FSI (CALA)	2007->										
A6	1.8	96-> 5/97										LA46
A6	2.0	06/94-> 12/95										LA46
A6	2.0 16V.	08/94->										LA46
A6	2.3	96->										LA46
A6	2.4 V6.Gas.	05/97->	<b>LX448</b>									LA46
A6	2.6 V6.	08/94-> 05/97										LA46
A6 Aut./Mec.	1.8 Turbo AEB/ANB/APU/ARK/ AWL/AWT/AFY/AJP/AQE/ARH	1997-> 2005										
A6 Aut./Mec.	2.0 20V ABK	1995-> 1997										
A6 Aut./Mec.	2.0 20V ALT	2001-> 2005										
A6 Aut./Mec.	2.8 FSI V6 (BDX/CCDA/CCEA)	2007->										LA103 0S
A6 Aut./Mec.	4.2 V8 RS6 BCY	2002-> 2004										
A6 Aut./Tiptronic	3.2 FSI V6 (AUK/BKH/BYU)	2004->										LA103 0S
A6 C4		94->97										LAK58
A6 Multitronic	3.0i 30V.Gas.	01/02->	<b>LX448</b>									LA46
A6 Quattro (4B/C5)	2.2L 20v Turbo S6 - AAN	06/94-> 07/97										LA46 LAK46
A6 Quattro (4B/C5)	2.7L Avant Quattro Tiptronic	10/01-> 12/01	<b>LX448</b>									LA46 LAK46
A6 Quattro (4B/C5)	2.7L Quattro Tiptronic	01/00-> 12/04	<b>LX448</b>									LA46 LAK46
A6 Quattro (4B/C5)	2.8L 30v Avant Quattro / Avant Quattro Tiptronic	01/01-> 12/01	<b>LX448</b>									LA46 LAK46





(1) Tipo Exportação

(2) Opcional

(3) Com Ar

(4) Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR							HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°				
<b>AUDI</b>										
A6 Quattro (4B/C5)	2.8L 30v Quattro / Quattro Tiptronic	01/01->12/01	LX448				KL2		LA46 LAK46	
A6 Todos, S6 Todos		04/97->							LA46	
A6 Turbo	1.8 Gas.	04/97->	LX448		OC38		KL2		LA46	
A6 Turbodiesel	1.9 turbo Diesel	05/97->	LX448						LA46	
A6 (4A, 4B, C4, C5)	2.0 - AAE	06/94->02/97			OC1241				LA46	
A6 (4A, 4B, C4, C5)	2.0 - ABK	06/94->02/97			OC1241				LA46	
A6 (4A, 4B, C4, C5)	2.6 V6 - ABC	06/94->02/97			OC1241				LA46	
A6 (4A, 4B, C4, C5)	2.8 V6 - AAH	06/94->02/97			OC1241				LA46	
A6 (4B/C5)	2.4L 30v Avant	01/99->12/01	LX448				KL2		LA46 LAK46	
A6 (4B/C5)	2.4L 30v (Tiptronic/Multitronic)	01/98->12/03	LX448				KL2		LA46 LAK46	
A6 (4B/C5)	2.7L 30v Avant Tiptronic	01/00->12/01	LX448				KL2		LA46 LAK46	
A6 (4B/C5)	2.8L	01/97->12/01	LX448				KL2		LA46 LAK46	
A6 (4B/C5)	2.8L 30v Avant Tiptronic	01/99->12/01	LX448				KL2		LA46 LAK46	
A6 (4B/C5)	2.8L Avant	01/95->12/97	LX448				KL2		LA46 LAK46	
A6 (4B/C5)	3.0L 30v Avant / Avant Multitronic	01/02->	LX448				KL2		LA46 LAK46	
A6 (AVANT/ALL ROAD/LIMOUSINE) Mec./Multitronic (BBJ)	3.0 V6 30V	05->06							LA103 0S	
A6 (AVANT/PLUS/QUATTRO) Aut./Tiptronic (BVJ)	4.2 FSI V8	2006->							LA103 0S	
A6 (AVANT/PLUS/QUATTRO) Tiptronic (BAT)	4.2 V8 40V	04->06							LA103 0S	
A6 (Avant/Quattro até nº de Chassis 4AS026713) Tiptronic	2.8 V6 30V AAH	1994->1997			OC1241					
A6 (COMFORT/SPORT PLUS/QUATTRO)	3.0 V6 24V TFSI	2012->			OX1047D					
A6 (COMFORT/SPORT PLUS/QUATTRO) Tiptronic/Multitronic (CAJA/CCA)	3.0 V6 24V TFSI	09->11			OX1047D				LA103 0S	
A6 (QUATTRO) Tiptronic / Multitronic (BDW)	2.4 V6 30V	04->08			OX1047D				LA103 0S	
A6 (RS6) Aut./Tiptronic (BUH)	5.0 V10 TFSI	08->11							LA103 0S	
A6 (S6) Aut./Tiptronic (BXA)	5.2 V10 FSI	2006->							LA103 0S	
A7 (SPORTBACK/QUATTRO)	3.0 TFSI S-TRONIC	2012->			OX1047D					
A8 chassis S032000	2.8 V6 16V.Gas.	07/94->			OC38					
A8 chassis S032000	3.7	09/95->			OC38					
A8 Quattro (4D2, 4D8)	2.8 - AAH	03/94->03/96			OC1241					
Allroad I (4BH)	2.7L 30v Quattro Turbo Tip.	01/01->12/05	LX448				KL2		LA46 LAK46	
Cabriolet	2.0	05/93->			OC47 OC522 PLUS					
Cabriolet	2.3 Gas.	07/92->05/94			OC47 OC522 PLUS					
Cabriolet	2.6/2.8 V6.Gas.	05/94->			OC38					
Cabriolet (8G7, B4)	2.0 E - ABK	01/93->10/00			OC1241					
Coupê	1.8	85->07/86	LX208/1		OC47 OC522 PLUS				X	
Coupê	1.8	10/86->88			OC47 OC522 PLUS				X	
Coupê	2.0 16V.	10/92->94			OC47 OC522 PLUS					





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>AUDI</b>											
Coupê	2.0 Gas.	06/89- >07/92			OC47 OC522 PLUS						
Coupê	2.2	10/88- >09/96			OC47 OC522 PLUS						
Coupê	2.3 20V. Gas.	09/89- >11/92			OC47 OC522 PLUS						
Coupê	2.6 V6. Gas.	11/91- >09/96			OC47 OC522 PLUS						
Coupê	2.8 Gas.	11/91- >09/96			OC47 OC522 PLUS						
Coupê GTE	2.0	08/81- >07/86			OC47 OC522 PLUS						
Coupê GT/GT5S	1.9 Gas.	->86	LX208/1		OC47 OC522 PLUS	KL222 KL63		X			
Coupê Quattro (81, 85, 89, 8B)	2.6 E - ABC	08/92- >01/97			OC1241						
Coupê Quattro (81, 85, 89, 8B)	2.8 E - AAH	08/91- >01/97			OC1241						
Coupê Turbo	2.2 20V. Gas.	10/90- >09/96			OC47 OC522 PLUS						
Coupê (81, 85, 89, 8B)	2.8 E - AAH	09/91- >01/97			OC1241						
Coupê (81,85, 89, 8B)	2.0 - ABK	09/91- >01/97			OC1241						
Coupê (81,85, 89, 8B)	2.3 - NG (KAT)	03/90- >01/97			OC1241						
Coupê (81,85, 89, 8B)	2.6 E - ABC	08/92- >01/97			OC1241						
Q3	2.0 TFSI (8U) (CCZC)	09/11->			OC1022						
Q3	2.0 TFSI (8U) (CPSA)	09/11->			OC1022						
Q5	2.0 TFSI Hybrid quattro (8R) (CDNC, CHJA)	11/08->			OC1022						
Q5	2.0 TFSI quattro (8R) (CDNA, CNCB)	09/09->			OC1022						
Q5	2.0 TFSI quattro (8R) (CNCD)	06/12->			OC1022						
Q5 (AMBITION/ATRACTION/ QUATTRO)	3.2 V6 FSI	2009->			OX1047D						
Q7	3.6L V6	09->10							LA907		
Q7 Quattro	3.0L V6 24V Tfsi	10->			OX1047D				LA907		
Q7 Quattro	4.2L V8 FSI	06->10							LA907		
Quattro	2.1	11/80- >07/87			OC47 OC522 PLUS			X			
Quattro Turbo	2.2 Turbo	12/87- >04/91			OC47 OC522 PLUS			X			
R8 (QUATTRO) Aut./Tiptronic (BYH/CNDA)	4.2 V8 32V FSI R TRONIC	2010->							LA103 0S		
R8 (QUATTRO/SPYDER/GT) Aut./Tiptronic (BUJ)	5.2 V10 40V FSI R TRONIC	2009->							LA103 0S		
RS3 (SPORTBACK) Aut./Tiptronic	2.5 20V TFSI S-TRONIC	2012->							LA103 0S		
RS4 (Avant) Aut./Tiptronic	2.7 V6 30V Bi Turbo	2001			OC1241						
S2 Turbo		94->			OC47 OC522 PLUS			X			
S3 (QUATTRO) Mec.	1.8 TURBO	99->03							LA103 0S		
S4	2.4 20V.	05/91- >01			OC47 OC522 PLUS			X			
S4 Turbo					OC47 OC522 PLUS			X			





(1) Tipo Exportação

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APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>AUDI</b>											
S4 (PLUS/PREMIUM/PRESTIGE/ SEDÃ)	3.0 V6 24V TFSI S-TRONIC	2011->			OX1047D						
S5 (COUPÉ/CABRIOLET/ SPORTBACK)	3.0 V6 TFSI S-TRONIC	2011->			OX1047D						
S6 Turbo	2.2 20V	08/94- >01			OC47 OC522 PLUS			X			
S6 (Avant) Mec.	2.2 20V Turbo	1996- >1998			OC1241						
S6 (AVANT/QUATTRO/SEDÃ) Aut. (BXA)	5.2 V10 FSI	2007->							LA103 0S		
TT	1.8 20V Turbo	10/98->	LX684		OC1241	KL79			LA31		
TT	1.8 Gas.	99->06	LX684		OC47 OC522 PLUS	KL79			LA31		
TT	2.0 TFSI (CESA, CETA)	05/10->			OC1022						
TT RS	2.5 TFSI Quattro S Tronic	2012->			OX379D						
TT (8N3, 8N9)	1.8 20V Turbo - AJQ/ APP/ ARY/ AUQ	10/98->	LX684		OC1241	KL79			LA31		
TT (8N3, 8N9)	1.8 20V Turbo - AMU/ APX	10/98->	LX684		OC1241	KL79			LA31		
TT (Quattro/Roadster) Aut.	1.8 20V Turbo (AJQ/APP/APX/ ARY/AUQ)	1998- >2006			OC1241						
V8	3.6/4.2	09/89- >08/93			OC47 OC522 PLUS			X			
<b>BAMBOZZI</b>											
Grupo Gerador Continental	3 Cil.		LX272					X			
Grupo Gerador p/ Solda e Energia 12KVA Mod. Usineiro	Perkins 4203				OX18D	KX23		X			
<b>BANTAN</b>											
450, C450, T450	AC2900, G226				OC67			X			
C266	Ford 401					KX23		X			
S628	MB OM352				OX197D	KX43		X			
SA11, SA12, SA15	Perkins 3152				OX18D	KX23		X			
SA37	Perkins 4236				OC324	KX23		X			
SA41	MB OM314	->82	LXS40/1		OX85D	KX43 KX35		X			
<b>BARBER GREENE</b>											
Acabadora de asfalto 873	Perkins				OX18D	KX23		X			
Acabadoras de asfalto SA37S	Perkins 4236				OC324	KX23		X			
S628	MB OM352				OX197D	KX43		X			
<b>BMW</b>											
316		8/75- >88			OC23	KL222 KL63		X			
316i (E30/E36 - Compact Hatch/ Sedã)	1.6 8V M40B16/M43B16	90->94							LA104 9		
316i (E36 - Compact Hatch/Sedã)	1.6 8V M43B16	94->95							LA104 9		
316i (E36 - Compact Hatch/Sedã)	1.6 8V M43B16	95->99							LA104 9		
316i (E36)	M43B16	07/93- >10/99			OX91D						
318	4cil.	75->88			OC23	KL222 KL63		X			
318i					OX91D						





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>BMW</b>											
318i		80->09/87			OC23				X		
318i		10/80->09/87			OC47 OC522 PLUS				X		
318i Coupe (E36)	M40B18 (Kat.)	03/92->04/99			OX91D						
318i (E36 - Cabrio/Touring/Compact Hatch/Sedã)	1.8 16V M40B18/M43B18	84->95							LA104 9		
318i (E36 - Cabrio/Touring/Compact/Sedã)	1.8 16V M40B18/M43B18	95->99							LA104 9		
318i (E36)	M40B18 (Kat.)	12/90->10/99			OX91D						
318is Coupe (E36)	M42B18	03/92->10/95			OX91D						
318iS (E30/E36 - Coupé)	1.9 M42B18	92->94							LA104 9		
318iS (E36 - Coupé/Sport/Sedã)	1.9 M42B18	94->98							LA104 9		
318Tdi/Tds		95->					KC18				
318ti Compact (E36)	M42B18	11/94->08/95			OX91D						
318Ti (E36 - Compact Top)	1.9 M42B18	96->99							LA104 9		
318Ti (E36 - Compact Top)	1.9 M42B18	1995->							LA104 9		
320	4cil.	8/75->8/77			OC23		KL222 KL63		X		
320	6cil.	8/77->11/82			OC235 OC506 PLUS		KL222 KL63		X		
320i	4cil.	->12/82			OC23				X		
320i		->93			OC47 OC522 PLUS						
320i		12/90->08/95	LX343				KL2				
320i Touring/Conversível	6cil.	12/82->08/87			OC235 OC506 PLUS				X		
320i Touring/Conversível	6cil.	09/87->91			OC235 OC506 PLUS				X		
320i (E36 - Coupé/GP/Sedã/Modern)	24V (M50B20 - M52B20)	90->94							LA104 9		
320i (E36)	M50B20 - M52B20	96->99							LA104 9		
320i (E36)	M50B20 - M52B20	94->96							LA104 9		
320i (E36)	M52B20	01/95->10/99	LX343		OX154/1D						
320i (E36)	M52B20	01/95->10/99	LX343		OX154/1D						
320i/Ci (E46)	M52B20	05/98->09/00	LX343		OX154/1D						
320i/Ci (E46)	M52B22	08/00->	LX343		OX154/1D						
323D		85->11/88					KC18		X		
323i (E21)		->11/82			OC235 OC506 PLUS				X		
323i (E30)		12/82->10/86			OC235 OC506 PLUS				X		
323i (E36 - Comfort/Coupé/Sedã/Sport/Top)	2.5 24V M52B25	95->99							LA104 9		
323i (E36)	M52B25	03/95->10/99	LX343		OX154/1D						
324D	2.4 Diesel	85->11/88					KC18		X		
325 ETA (E30)		->08/85			OC235 OC506 PLUS				X		





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			1°	2°	1°	2°	1°	2°			
<b>BMW</b>											
325 ETA (E30)		09/85->93			OC235 OC506 PLUS				X		
325i 4X4/ Cabrio/Sport/Touring (E30)		10/85->			OC235 OC506 PLUS				X		
325i (E30)		83->90			OC47 OC522 PLUS		KL2		X		
325i (E36)	2.5 24V M52B25	90->99								LA104 9	
325i (E36)	M52B25	96->97	LX343		OX68D						
325i/Ci (E46)	M52B25	08/00->	LX343		OX154/1D						
325Td/Tds (E36)		07/93->					KC18				
325Ti E46		2001->			OX154/1D						
328i	2793 cc 24V.	11/94->08/95					KL2				
328i Cabriolet (E36)	2.8	09/95->	LX343		OX154/1D						
328i (E36 - Exclusive/Touring/Sport)	2.8 24V M52B28	96->98								LA104 9	
328i (E36 - Exclusive/Touring/Sport)	2.8 24V M52B28	1995								LA104 9	
328i (E36)	M52B28	01/95->10/99	LX343		OX68D						
328i/Ci (E46)	M52B28	05/98->09/00	LX343		OX154/1D						
330	3.0L	99->05	LX343								
330i/Ci/Xi (E46)	M54B30	06/00->	LX343		OX154/1D						
518 (E12/E28) -> chassis 4625658		->09/84			OC23		KL222 KL63		X		
518 (E12/E28) chassis 4625659->		->09/84			OC23		KL222 KL63		X		
518i					OX91D				X		
518i (E28)	4cil.	09/83->12/87			OC23				X		
520 (E12)	4cil.	->12/79			OC23				X		
520i	2.0L 12V	01/88->08/90			OC235 OC506 PLUS						
520i (E12)	4cil.	->08/77					KL60		X		
520i (E12)	4cil.	09/77->06/81			OC23				X		
520i (E12)	6cil.	08/77->12/81			OC235 OC506 PLUS				X		
520i (E12/E18/E34)	6cil.	07/81->08/85			OC235 OC506 PLUS				X		
520i (E12/E18/E34)	6cil.	09/85->12/87			OC235 OC506 PLUS				X		
520i (E36)		92->96			OX68D						
520i (E39)	M52B20	01/96->09/00	LX343		OX154/1D						
520i (E39)		2001->	LX343		OX154/1D						
525 E		83->08/85			OC235 OC506 PLUS				X		
525 E		09/85->88			OC235 OC506 PLUS						
525 (E12)		->04/77			OX200D		KL222 KL63		X		
525 (E12)		05/77->83					KL222 KL63		X		
525i (E30)		83->90			OC47 OC522 PLUS		KL2		X		
525i (E34)	12V	01/88->90			OC235 OC506 PLUS				X		
525i (E34)		91->97			OX68D				X		





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			1°	2°	1°	2°	1°	2°			
<b>BMW</b>											
525i (E39)		2001->	LX343		OX154/1D						
528 E		83- >08/85			OC235 OC506 PLUS				X		
528 E		09/85- >88			OC235 OC506 PLUS				X		
528 (E12)		->04/77			OX200D	KL222 KL63			X		
528 (E12)		05/77- >83				KL222 KL63			X		
528i (E12)		->08/78				KL60			X		
528i (E39)	M52B28	11/95- >09/00	LX343		OX154/1D						
530i	V8	11/92- >98	LX448								
530i		->08/78			OX200D	KL60			X		
530i V8 Touring (E34)	M60B30	09/92- >09/96				KL66					
530i V8 (E34)	M60B30	09/92- >09/95				KL2					
530i (E39)		2001->	LX343		OX154/1D						
535i (E39)		09/96- >00	LX448								
540i	V8	93- >02/94	LX448								
540i Touring (E34)	M60B30	09/93- >09/96				KL66					
540i V8 (E34)	M60B40	09/93- >09/96				KL66					
540i (E39)	M62B44	04/96- >07/04	LX448								
625 CCS (E24)		->05/77			OX200D				X		
628 CSI (E24)		09/78- >87			OX200D				X		
630 CS (E24)		->05/77			OX200D				X		
633 CSI (E24)		->03/76			OX200D				X		
633 CSI (E24)		04/76- >05/77			OX200D	KL60			X		
635i (E24)		10/78- >11/80			OX200D				X		
728i (E23)		->08/78				KL60			X		
730i	3.0 V8	06/96->	LX448						X		
730i (E32)	3.0 V8	92- >05/94	LX448						X		
732i (E23)		->08/78				KL60			X		
733i (E23)		->08/78				KL60			X		
735i (E23)		->08/78				KL60			X		
735i (E23)		->11/80			OX200D				X		
735i (E38)		01/96->	LX448						X		
740i (E32/E38)	4.0 V8	92->	LX448						X		
740i (E38)	M60B40	10/94- >10/01				KL66			X		
750i (E38)	M73B54	12/94- >10/01				KL66			X		
830Ci (E31)	M60B30	08/92- >12/99				KL66			X		
840 CSI	4.0 V8	07/93->	LX448						X		
840Ci (E31)	M60B40	02/93- >02/96				KL66			X		
840Ci (E31)	M62B44	01/96- >12/99				KL66			X		
C 600 SPORT		02/11->			OC306						





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			1°	2°	1°	2°	1°	2°			
<b>BMW</b>											
C 650 GT		01/11->									
F 650 GS		10/06-> >06/12									
F 700 GS		07/11->									
F 800 GS		03/08->									
F 800 GS		10/06->									
F 800 GT		10/11->									
F 800 R		12/05->									
F 800 S		12/04->									
F 800 ST		10/04->									
HP2 ENDURO		08/04-> >08/09									
HP2 ENDURO		08/04-> >08/06									
HP2 MEGAMOTO		08/06-> >11/08									
HP2 SPORT		01/07-> >07/10									
K 1		08/88-> >07/93									
K 100		05/82-> >07/90									
K 100 LT		06/86-> >12/91									
K 100 RS		04/83-> >06/92									
K 100 RT		10/83-> >07/89									
K 1100 LT		06/89-> >12/96									
K 1100 RS		04/92-> >12/96									
K 1200 GT		11/04-> >09/08									
K 1200 LT		06/97-> >12/03									
K 1200 R		03/04-> >08/08									
K 1200 R SPORT		06/05-> >07/07									
K 1200 RS		04/96-> >04/05									
K 1200 S		04/03-> >08/08									
K 1300 GT		12/07->									
K 1300 R		11/07->									
K 1300 S		12/07->									
K 1600		01/10->									
K 1600 GTL		01/13->									
K 75		12/84-> >11/96									
K 75 C		06/85-> >06/88									
K 75 RT		01/89-> >12/96									
K 75 S		10/85-> >05/95									
M3 3.2 (E36)	S 50 B 32	09/95-> >12/00									
M3 (E30)	2.3	02/86-> >90									
M3 (E36 - Cabrio)	3.0 24V	94->95									
M3 (E36 - Cabrio/Evolution)	3.2 V6 24V (S50B32)	95->00									

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			1°	2°	1°	2°	1°	2°			
<b>BMW</b>											
MINI(BMW) Cooper	1.6 l - Gasolina	06/01->			<b>OX175D</b>						
MINI(BMW) Cooper S	1.6 l - Gasolina	03/02->			<b>OX175D</b>						
MINI(BMW) Cooper S	1.6 l - Gasolina	07/04->			<b>OX175D</b>						
MINI(BMW) John Cooper Works	1.6 l - Gasolina	07/04->			<b>OX175D</b>						
NUDA 900/R		11/11->			<b>OC619</b>						
One	1.6 l - Gasolina	06/01->			<b>OX175D</b>						
R 1100 GS		01/93-> >12/99			<b>OC91</b>						
R 1100 R		01/93-> >12/99			<b>OC91</b>						
R 1100 RS		01/93-> >12/01			<b>OC91</b>						
R 1100 RT		08/95-> >12/01			<b>OC91</b>						
R 1100 S		09/98-> >12/05			<b>OC91</b>						
R 1150 GS		09/98-> >12/05			<b>OC91</b>						
R 1150 RS		01/01-> >12/05			<b>OC91</b>						
R 1150 RT		01/01-> >12/05			<b>OC91</b>						
R 1150 R/R ROCKSTER		01/03-> >12/05			<b>OC91</b>						
R 1200 C		07/97-> >12/04			<b>OC91</b>						
R 1200 C CLASSIC		01/01-> >12/04			<b>OC91</b>						
R 1200 C MONTAUK		09/03-> >12/05			<b>OC91</b>						
R 1200 GS		02/04-> >12/12	<b>LX984/2</b>		<b>OC306</b>						
R 1200 GS ADVENTURE		11/07-> >12/12			<b>OC306</b>						
R 1200 GS ADVENTURE		01/06-> >12/12	<b>LX984/2</b>								
R 1200 GS/ADVENTURE		10/09-> >12/12	<b>LX984/5</b>								
R 1200 R		01/11-> >12/13	<b>LX984/5</b>								
R 1200 R		08/06->	<b>LX984/2</b>		<b>OC306</b>						
R 1200 RT		02/10->	<b>LX984/5</b>								
R 1200 RT		01/05-> >12/09	<b>LX984/2</b>		<b>OC306</b>						
R 1200 S		01/06-> >12/08	<b>LX984/2</b>		<b>OC306</b>						
R 1200 ST / ST EDITION		01/05-> >12/07	<b>LX984/2</b>		<b>OC306</b>						
R 850 C		03/99-> >12/04			<b>OC91</b>						
R 850 GS		09/94-> >12/99			<b>OC91</b>						
R 850 R/RT		01/95->			<b>OC91</b>						
S 1000 RR		09/08->			<b>OC619</b>						
Série 1 130i (SPORT HATCH)	3.0 24v (N52B30)	2006->			<b>OX1040D</b>						
Série 1 135i (E82/E88 - Coupé / Sauber Coupé)	3.0 24v (N54B30A)	2007->			<b>OX1040D</b>						
Série 1 (E81/E87) 118i		2009->			<b>OX166/1D</b>			X			
Série 1 (E87) 120i		2005->			<b>OX166/1D</b>			X			
Série 3 320Ci (E46) Mecânico	M 52 B 20	98->01							<b>LA103 4</b>		
Série 3 320Ci (E46) Mecânico	M 52 B 22	01->05							<b>LA103 4</b>		
Série 3 325Ci (E46 - Coupé) Aut.	2.5 M 52 B 25	01->07							<b>LA103 4</b>		
Série 3 325Ci (E46)	2.5 M 52 B 25	00->01							<b>LA103 4</b>		





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(3) Com Ar

(4) Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>BMW</b>											
Série 3 325iA (E90 - Protection / Coupé / Touring)	2.5 24v (N52B25)	2005->			OX1040D						
Série 3 328Ci (E46) Mecânico	M 52 B 28	98->99							LA103 4		
Série 3 330Ci (E46 - Cabrio / Esclusiva / Sedã / Security / Sport / Top) Aut.	3.0 24V M 54 B 30	00->07							LA103 4		
Série 3 330i (E90 - Cabrio / Esclusiva / Sedã / Security / Sport / Top)	3.0 24v (N52B30)	2005->2007			OX1040D						
Série 3 330i (E90 - Cabrio / Esclusiva / Sedã / Security / Sport / Top) Aut.	3.0 24V M 54 B 30	00->07							LA103 4		
Série 3 335i (E90 - Cabriolet / Sport / Coupé / Sedã / Top)	3.0 24v (N54B30A)	2007->			OX1040D						
Série 3 (E90/91) 320i	2.0L	2005->			OX166/1D				X		
Série 5 528i (F10/F11 - Sedã)	2.0 16v (N20B20A)	2012->			OX1040D						
Série 5 530i (E60/E61 - Sedã / Touring / Top)	V8 24v (N52B20)	2005->			OX1040D						
Série 5 535iA (F10/F11 - Sedã / Touring / TopTurbo)	3.0 (N55B30A)	2010->			OX1040D						
Série 5 545i (E60/E61 - SPORT / SEDÃ)	4.4 V8 32V (N62B44)	2003->2005			OX1045D						
Série 6 640i (F06CG - Grand Coupé)	3.0 24v (N55B30)	2013->			OX1040D						
Série 6 645Ci (E63/E64 - CABRIO / COUPÉ)	4.4 V8 32V (N62B44)	2003->2005			OX1045D						
Série 7 745i (E65/E66 - SEDÃ)	4.4 V8 32V (N62B44)	2001->2005			OX1045D						
Série M M135i (F20/F21 - Coupé)	3.0 24v	2013->			OX1040D						
Série M (E36 - Cabrio / Evolution) Aut. / Mec.	M3 3.2 V6 24V S 50 B 32	00->05							LA103 4		
Works	1.6 l - Gasolina	11/03->			OX175D						
X1 28i (E84 - Xdrive 4x4)	2.0 24v (N20B20A)	2012->			OX1040D						
X1 28i (E84 - Xdrive 4x4)	3.0 24v (N20B20B)	2010->			OX1040D						
X1 (E84) 18i	2.0L 16V	2010->			OX166/1D				X		
X3 20i (F25 - Xdrive 4x4)	2.0 Bi Turbo (N20B20A)	2013->			OX1040D						
X3 28i (F25 - Xdrive 4x4)	2.0 Turbo (N20B20A)	2013->			OX1040D						
X3 28i (F25 - Xdrive 4x4)	3.0 24V (N52B30A)	2011->2012			OX1040D						
X3 35i (F25 - Xdrive 4x4)	3.0 V6 Bi turbo (N55B30A)	2010->			OX1040D						
X3 (E83 - Family / Sport 4x4)	2.5 24v (N52B25)	2007->			OX1040D						
X3 (E83 - Family / Sport 4x4)	3.0 V6 24V (M54B30)	2006->2010			OX1040D						
X3 (E83 - FAMILY / SPORT 4X4) Aut.	2.5 24V N 52 B 25	04->							LA103 4		
X3 (E83 - FAMILY / SPORT 4X4) Aut.	3.0 V6 24V M 54 B 30	03->10							LA103 4		
X3i (E83)	2.5i 4cil.	06->	LX343								
X3i (E83)	2.5i 6cil.	06->	LX343								
X3i (E83)	3.0i 6cil.	06->	LX343								
X5 35i (E70 - Xdrive 4x4)	3.0 V6 24V Bi Turbo (N52B30A)	2010->			OX1040D						
X5 (E53 - SECURITY / SPORT)	4.4 V8 32V (N62B44/N62B48)	2003->2006			OX1045D						
X5 (E53 - SECURITY / SPORT)	4.4 V8 32V (N62B48)	2005->2006			OX1044D						
X5 (E53)		06/00->			OX154/1D				LAK62		
X5 (E70)	3.0 24V (N52B30A)	2006->2010			OX1040D						
X6 35i (E71 - Coupé)	3.0 V6 24V Bi Turbo (N54B30A)	2008->			OX1040D						
Z1	2.5	88->91			OC235 OC506 PLUS				X		

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>BMW</b>											
Z3	3.0	98->	LX343						X		
Z3 (E36/7)	3.0 V - M54B30	06/00->	LX343		OX154/1D				X		
Z4 23i (E89 - Roadster / S Drive)	2.5 24V (N52B25)	2009->			OX1040D						
Z4 35i (E89 - Roadster / S Drive)	3.0 24V (N54B30A)	2009->			OX1040D						
Z4 Roadster (E85)	3.0L 6cil.	02->05	LX343						X		
Z4 (E85/86)	2.0L	06->08			OX166/1D				X		
Z4 (E85/E86 - Roadster / Sport)	3.0 V6 24V (N52B30)	2006->2008			OX1040D						
<b>BOB CAT</b>											
863; 863B; 863H; 873			LX3604						X		
M970	Perkins				OC67	KX23			X		
Microcarregadeiras M711, M790	Agrale	82->			OC18	KC24 KC6D			X		OC35
Microcarregadeiras M711, M790	Agrale M790	->81			OC18				X		OC35
<b>BOSCH</b>											
Betoneiras (Elemento de Papel)									X		HX53-DIR.
Bosch Papel 1 litro						KX36	KX36		X		
Bosch Papel 1/2 litro						KX35	KX35		X		
<b>BUCYRUS ERIE</b>											
14B, 22B, 30T	Perkins 6357		LX243		OX200D	KX23			X		
22B	Perkins 6357		LX243			KX23			X		
<b>CADILLAC</b>											
Escalade (Curta/ESV) Aut.	6.2 V8	2007->			OC1239						
<b>CARRIER</b>											
Sistema Carrier - Ônibus Rodoviário									LA695		
<b>CASE</b>											
1000	Cummins KT1150				OX218D OX198D				X		WFC1-REFRIG.
1050	Case 451B		LX17						X		
1088	Case 6T5.9				OC320	KC24 KC107	KL796		X		
1488						KC24 KC107	KL796		X		WFC1-REFRIG.
150	Detroit 6V 71		LX271/2	LXS43/1		KC24 KC6D			X		
1737	Case 148				OC67				X		
1740	Case 188				OC67				X		
1845C (Pá Carregadeira)	Cummins B5.9				OC320	KC6D			X		
2000 Série - Modelo A2000 (Colheitadeira)	MWM 229-3		LX200	LXS40/1		KX35 KX43			X	HC4	





(1) Tipo Exportação

(2) Opcional

(3) Com Ar

(4) Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>CASE</b>											
2470	Scania D11	78->	LX273	LXS44/1			KC113		X	HX51D	
2470 - série 1025257	Case 504 BDT								X	HC85	HX51D-TRANS.
2500	Detroit 4.53N	77->79							X		HX51D-TRANS.
300	Cummins NT855 C380					OX198D OX218D			X		
300 Retroescavadeira	Case 336B	82->83				OC67			X		
310F						OC67			X		
340	Case 188D					OC67			X		
400C						OC18	KC113		X		
40XT; 60XT; 70XT; 75XT CASE 4 -390; 85XT CASE 4 -390			LX3604						X		
4490	Scania D11	86->					KC113		X		
530	Case 188D					OC67			X		
550G	Cummins B 3.9L	95->99	LX2527						X	HC112	
570 LXT / 570 LXT SERIES / 570 L			LX2527						X		
580 SLE			LX2527						X		
580 SUPER L / 580 SUPER L - SERIES 2 / 580 TLB			LX2527			OC333	KC166 KL796		X		
580CK	Case 188D					OC67			X		
580CK	Série B					OC67			X		
580E	Case 188D					OC67			X		
580E	Perkins 4203					OX18D	KX23		X		
580H	Cummins 4B	96->					KC18		X	HC85	
580H	Perkins 4236					OC324	KX23		X		
580L	Cummins 4B-3.9L	96->	LX2527			OC333	KC119 KC166 KL796		X		WFC2-REFRIG.
580L			LX3986			OC333	KC166 KL796		X		
580L Retroescavadeira	Cummins 3.9L 4 Cil.	01/96->				OC333	KC6D		X		
580V	Perkins 6357		LX973			OX200D	KX23		X		
580V, 580CKV	MWM D222/4	->74				OX47D	KX25		X		
580V, 580CKV	MWM D222/4	75->				OC26	KX25		X		
600, 660	Case importado	->78	LX17			OC67			X		
621 C (Pá Carregadeira)	CUMMINS 6BT 5.9		LX2534				KL870		X		
660	MWM D222/3	->78	LX17			OX47D	KX44		X		
660	MWM D225/6	->78				OC60	KX43 KX35		X		
7000 Série - Modelo 7700	Caterpillar					OC507 OC529			X	HC4	HX15
7000 Série - Modelo 7700	Cummins 6C 8.3L					OC304	KC24 KC107		X	HC4	HX15
7000 Série (Magnum) - Modelo A7000 / 7700	Cummins 6CTA 8.3L		LX760	LXS299		OC304	KC24 KC107		X	HC4	
7000 Série (Magnum) - Modelo A7000 / 7700	Cummins L10		LX760	LXS299		OC304			X	HC4	WFC2-REFRIG.
7000 Série (Magnum) - Modelo A7000 / 7700	Cummins M11		LX760	LXS299		OC304			X	HC4	WFC2-REFRIG.
7000 Série (Magnum) - Modelo A7000 / 7700	Scania DS11		LX760	LXS299		OC18	KC94		X	HC4	
7000 (Colheitadeira de Cana)									LA610	HC99	
721C (PáCarregadeira)	CUMMINS 6CT 8.3M		LX2534						X		
75, 90, 115, 120, 150, 160; Todas 600K	Deutz F-6-413-514					OC60	KC24 KC6D		X		





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR									HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER	
			1°	2°	1°	2°	1°	2°	1°	2°			
<b>CASE</b>													
770											X		
780CK											X		
821 (Pá Carregadeira)	Case 6T8.3	1991- >1991									KL870	X	
821B (Pá Carregadeira)	Case 6T8.3	1991- >1991									KL870	X	
821C (Pá Carregadeira)	CUMMINS 6CT 8.3M		LX2534									X	
825	3368DT										OC67	X	
850	Case 301		LX17									X	
855 P 400 (Aplicação Industrial)			LX760	LXS299			OX198D OX218D	KC133				X	
870	Case 336B										OC67	X	
970	Case 377		LX17								OC67	X	
Brastoft	Motor Cummins L10	95->99									OC541	X	
CA1170, 1175	MWM D225/6-229/6	80	LX236	LXS41/1			OC60	KX43 KX35	KX23			X	
CA1175DS	Perkins 6.354T		LX227	LXS42/1			OC308	KX23				X	
CA875, CA1140	MWM D226/4	79	LX236	LXS41/1			OC26	KX43 KX35	KX23			X	
CASE 254686A1												X	HC106
CASE L36242, DONALDSON P163425												X	HC105
CASE N9025, CATERPILLAR 9T5916, DONALDSON P164384												X	HC104
CASE N9086, DONALDSON P165659												X	HC107
CNH ESCAVADEIRA CX290			LX3616										
Colheitadeira A8000												LA884	
Colheitadeira A8800												LA884	
CS240 (Escavadeira)	Case										KL870	X	
CX240 / 240LR (Escavadeira)	Cummins 6TAA-590										KL870	X	
CX460	ISUZU AA-6SD1X	2002	LX3605									X	
CX470B	ISUZU AH-6UZ1XTIER 3	2008	LX3605									X	
ESCAVADEIRA CS240 / CX130 / CX135 SERIES / CX160 / CX120			LX3614										
Ideal 130 M	OM 352		LX265	LXS37/1			OX127D	KX43 KX35				X	HX51D
Magnum 340	Cummins	10->	LX3259									X	
Modelo 115/ 115P/ 125CK Crawler Series B/ 125PB P366							OC40	KC113				X	HX107
							OC67					X	
Retroescavadeira 300	Detroit 8 V 71/ Cummins NT 855 C 380		LX760	LXS299								X	
TRACTOR 240 CS-SERIES			LX3614										
Trator 9310 / 9330	Cummins 6CTA 8.3L										KL870	X	
Trator MX180 Magnum	Cummins 6C 8.3L		LX3261	LXS298							KL870	X	
Trator MX180 Magnum	Cummins 6C 8.3L		LX3261	LXS298							KL870	X	
Trator MX200 Magnum	Cummins 6C 8.3L		LX3261	LXS298							KL870	X	
Trator MX200 Magnum	Cummins 6C 8.3L		LX3259								KL870	X	
Trator MX210	Cummins 6C 8.3L		LX3261	LXS298							KL870	X	
Trator MX210	Cummins 6C 8.3L		LX3259								KL870	X	

(1) Tipo Exportação

(2) Opcional

(3) Com Ar

(4) Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR									HIDRÁULICO / HYDRAULIC	OUTROS / OTHER
			1°	2°	1°	2°	1°	2°				
<b>CASE</b>												
Trator MX220 Magnum	Cummins 6C 8.3L		LX3261	LXS298			KL870		X		HC112	
Trator MX220 Magnum	Cummins 6C 8.3L		LX3259				KL870		X		HC112	
Trator MX230	Cummins 6C 8.3L		LX3261	LXS298			KL870		X			
Trator MX230	Cummins 6C 8.3L		LX3259				KL870		X			
Trator MX235						OX1052D						
Trator MX240 Magnum	Cummins 6CTAA 8.3L	2002->							X		HC112	
Trator MX270 Magnum	Cummins 6CTAA 8.3L	2002->							X		HC112	
Trator MXM135 Maxxum (HCC0030000->)	Cummins 6BT 5.9L	2002->							X		HC112	
Trator MXM150 Maxxum (HCC0030000->)	Cummins 6BT 5.9L	2002->							X		HC112	
Trator MXM165 Maxxum (HCC0030000->)	Cummins 6BT 5.9L	2002->							X		HC112	
Trator MXM180 Maxxum (HCC0030000->)	Cummins 6BT 5.9L	2002->							X		HC112	
Trator STX375 / 425 / 440 / 450 / 500	Cummins QXS15		LX3259						X			
TY 20P-30-45-FC 30-CS 45-TCS 45-60	Deutz 4L 912					OC26	KC113		X			
W14 336B						OC67			X			
W20	MB OM352		LX243	LXS37/1		OX199D	KX43 KX35		X			
W20 até série 6946731	OM352 Industrial						KX43 KX35		X			
W20 E (Pá Carregadeira)	OM 366		LX265	LXS37/1		OX137D			X			
W20 Série acima de 6946732						OX85D	KX43		X			
W26	Case 504 BD/T					OX5D			X			
W36 Após série 6960197							KC24 KC6D		X			
W36 Até Série 6960196	Scania D11						KC24 KC6D		X			
W36B							KC113		X		HC85	
W36BT - W360	Scania DN11					OC18	KC113 KC113		X			
W36E	Scania DS1192A					OC18	KC113 KC113		X			
W5A	Case 188					OC67			X			
W7E	Perkins 6357					OX200D	KX23		X			
<b>CATERPILLAR</b>												
10R, 2144 e SEGS. 22R 942 E SEGS. 13V 682 E SEGS. 87V, 82V						OC121	KC114		X			
1100	Motor de Caminhão					OC336			X			
112 Serie 46D/82F			LX116	LX1062		OX3D			X			
112 Serie 68E/91G						OX3D			X			
112 Serie 89J			LX116	LX1062			KC114		X			
112 Serie 89J1688			LX116	LX1062		OX3D			X			
112 Serie 89J1689-UP			LX116	LX1062		OC121	KC114		X			
112 / 112F / 120G / 120H / 12E / 12G / 130G / 215			LX2528						X			
11R1, 651, 11R652 E SEGS. 14V, 24R 615, 72V, 81V						OC121	KC114		X			
11R, 14V, 61S, 24R			LX1101	LX1063			KC114		X			
12 Serie 13K			LX1101	LX1063			KC114		X			
12 Serie 13K4-568 e Segs.			LX1101	LX1063		OC121	KC114		X			

APLICAÇÃO / APPLICATION MOTOR / ENGINE

ANO /  
YEAR



HIDRÁULICO/  
HYDRAULIC

OUTROS/  
OTHER

1°

2°

1°

2°

## CATERPILLAR

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR		HIDRÁULICO / HYDRAULIC	OUTROS / OTHER		
		1°	2°				
12 Serie 61M		LX116	LX1062	OC121	X   OX216-DIR. OX216-TRANS.		
12 Serie 61M1-UP		LX116	LX1062	OC121	KC114   X   OX216-DIR.	OX216-TRANS.	
12 Serie 73G		LX1101	LX1063	OX3D	X	OX213-DIR./ TRANS. OX219	
12 Serie 89H		LX1101	LX1063		KC114   X	OX216-DIR. OX216-TRANS. OX219	
12 Serie 89H1-1224		LX1101	LX1063	OX3D	KC114   X	OX216	OX219
12 Serie 89H1225 e Segs.		LX1101	LX1063	OC121	KC114   X	OX216-DIR.	OX216-TRANS. OX219
12 Serie 89HC13K					KC114   X		OX219
12 Serie 99E		LX116	LX1062	OX3D	KX91   X		OX219
120 Serie 10R /22R		LX1101	LX1063		KC114   X		
120 Serie 10R1-2143 /22RI-941		LX1101	LX1063	OX3D	KC114   X		OX213-DIR./ TRANS.
120 Serie 10R2144-UP /22R942-UP /64U1-UP		LX1063			KC114   X		OX213-DIR./ TRANS.
120 Serie 10R2144 E SEGS		LX1101	LX1063	OC121	KC114   X		OX213-DIR./ TRANS.
120 Serie 13U		LX1101	LX1063		KC114   X	OX213-DIR.	OX216-TRANS.
120 Serie 13U1-681		LX1063		OX3D	KC114   X	OX216-DIR.	OX216-TRANS.
120 Serie 13U682 E SEGS.		LX1101	LX1063	OC121	KC114   X	OX213-DIR.	OX216-TRANS.
120 Serie 13U942-UP			LX1063		KC114   X	OX216-DIR.	OX216-TRANS.
120 Serie 14K		LX1101	LX1063	OX3D	KC114   X		OX213-DIR./ TRANS.
120 Serie 22R942 E SEGS.		LX1101	LX1063	OC121	KC114   X	OX216	OX213-DIR./ TRANS.
120 Serie 61V1-UP /82V1-UP		LX116	LX1062		KC114   X	OX216-DIR.	OX216-TRANS.
120 Serie 64U		LX1101	LX1063	OX3D	KC114   X	OX216	OX213-DIR./ TRANS.
120 Serie 82V/87V		LX116	LX1062	OC121		X   OX216-DIR.	OX216-TRANS.
120B	10R2144 UP-22R942 UP64U1ES	LX1101	LX1063		KC114   X		
120B	13U1-681	LX1101	LX1063		KC114   X	OX216-DIR.	OX216-TRANS.
120B	13U942 UP-87V1 UP	LX1101	LX1063		KC114   X		
120B	14K-10R12143-22R1941	LX1101	LX1063		KC114   X		
120B	82V1 UP-32C	LX1101	LX1063		KC114   X		
120G	87V	LX116	LX1062	OC121	KC114   X	OX216	
12G - Motoniveladora	Caterpillar 3306	LX116	LX1062	OC121	KC114   X	OX216	OX219
130 Serie 74V		LX116	LX1062	OC121		X   OX216-DIR.	OX216-TRANS.
130G Serie 74V1-UP		LX116	LX1062		KC114   X	OX216-DIR.	OX216-TRANS.
14 Serie 12K1-1835		LX1063		OX3D	KC114   X		
14 Serie 12K1836 e Segs.		LX1101	LX1063	OC121	KC114   X		OX213-SUC OX219
14 Serie 72G		LX1101	LX1063		KC114   X	OX216-DIR.	OX216-TRANS.
14 Serie 72G1-1029		LX1101	LX1063	OX3D	KC114   X		
14 Serie 72G1030 E SEGS.		LX1101	LX1063	OC121	KC114   X	OX216-DIR.	OX216-TRANS.

(1) Tipo Exportação

(2) Opcional

(3) Com Ar

(4) Sem Ar



APLICAÇÃO / APPLICATION MOTOR / ENGINE

ANO /  
YEAR



HIDRÁULICO/  
HYDRAULIC

OUTROS/  
OTHER

1°





2°

1°

2°

## CATERPILLAR

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR	1°	2°	1°	2°	HIDRÁULICO / HYDRAULIC	OUTROS / OTHER
14 Serie 96U			LX1101	LX1063	OC121	KC114	X	OX216-DIR.
14 Serie 99G					OX3D		X	OX216-TRANS. OX213-DIR./TRANS.
140 Serie 11R			LX1101	LX1063		KC114	X	OX213-DIR./TRANS.
140 Serie 11R1-651			LX1063		OC121	KC114	X	
140 Serie 14U				LX1063	OC121	KC114	X	OX213-DIR.
140 Serie 14U-387				LX1063		KC114	X	OX216-DIR.
140 Serie 14U388-UP						KC114	X	
140 Serie 24R4922-UP, 11R652-UP				LX1063		KC114	X	
140 Serie 24R/61S			LX1101	LX1063	OC121	KC114	X	OX216 OX213-DIR./TRANS.
140 Serie 72V, 81V			LX1101		OC121	KC114	X	OX216-DIR.
140B	11R1-851		LX1101	LX1063	OX3D	KC114	X	
140B	11R652 UP-24R942 UP		LX1101	LX1063		KC114	X	
140B	14U388 UP-72V-61V		LX1101	LX1063		KC114	X	OX216-DIR.
140B	4U1387		LX1101	LX1063		KC114	X	OX216-DIR.
140B	616-33C		LX1101	LX1063		KC114	X	
140G	5MD1 UP		LX1101	LX1063		KC114	X	OX216-DIR.
140G Serie 72V, 81V						KC114	X	OX216-DIR.
16 Serie 49G			LX1101	LX1063	OX3D	KC114	X	OX216-DIR.
16 Serie 49G554-UP				LX1063	OC121		X	OX216-DIR.
16 Serie 93U			LX1100	LXS232	OC122		X	OX216-DIR.
1670	Motor de caminhão				OX217D		X	
1673 Demais Séries					OX217D		X	
1674 Série 94B					OX3D	KC114	X	
1676 Série 54B					OX217D	KC114	X	
1693 Série 65B16079					OX217D		X	
1693 Série 65B6080					OC122		X	
200 Serie 215	96L1->				OC507		X	
201 Serie 235	32K				OC507		X	
205 Serie 3HC1-UP	Deutz 3HC1-UP					KC113	X	
206 Serie 2RC1-UP	Deutz					KC113	X	
206 Serie 3GC1-UP	Perkins					KX23	X	
211 Serie 5CG1-UP	Deutz					KC113	X	
215 Serie 9621-UP			LX116	LX1062		KC114	X	HX52-DIR.
215 Serie 96L			LX116	LX1062	OC121		X	
215 Serie 99L; Escavadeiras			LX116	LX1062		KC114	X	
215 Series 57Y1-UP, 61Z1-UP, 14Z1-UP			LX116	LX1062		KC114	X	HX52-DIR.
219			LX1774				X	
224 Serie 5TC1-UP					OC324	KX23	X	





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>CATERPILLAR</b>											
225 Serie 20S1-UP			LX1101	LX1063	OC121		KC114		X		
225 Serie 51U			LX1101	LX1063	OC336				X		
225 Serie 51U2832-UP			LX1101	LX1063			KC114		X		
225 Serie 51U589			LX1101	LX1063	OC336				X		
225 Serie 51U590 e Segs.			LX1101	LX1063	OC336		KC114		X		
225 Serie 61C1-UP			LX1101	LX1063			KC114		X		
225 Serie 76U1-UP			LX1101	LX1063			KC114		X		
227 Serie 10W1-UP			LX116	LX1062			KC114		X		
235 Serie 32K					OC121		KC114		X		
235 Serie 32K1-788							KC114		X		
235 Serie 32K789-UP							KC114		X		
235 Serie 62X1-UP							KC114		X		
235 Serie 81X1-UP							KC114		X		
245 Serie 95V			LX1100	LXS232	OC122				X		
245B - Minicarregadeira (Ar Radial)	6MF-1>511			LXS7229					X		
245B - Minicarregadeira (Ar Radial)	6MF-512>			LXS7229					X		
245D - Minicarregadeira (Ar Radial)	4LK			LXS7229					X		
245D - Minicarregadeira (Ar Radial)	7ZJ			LXS7229					X		
2P4004, 1W3300, 2Y8096, 1R0739					OC529				X		
2P4005, 1W2660, 2Y8097, 1R0716					OC530				X		
300 Serie 320B/ 320BL/ 320L/ 330L/ 330LB	Escavadeira				OC507				X		
3000 Serie	3304 (2B4364->, 4B6032->)/ 3304 (5B1->)/ 3304 (78P1->), 3306 (3N1->)/3306 (63Z1->, 76R273->)/ 3306 (64Z1->, 23C740->), 3306 (66D8891->)/ 3306 (67D1->)				OC507				X		
3145 Serie 96M/3150 Serie 66P-/97M/3160 Serie 67P/98M					OC336				X		
3160 Serie 68P					OC336				X		
3160 Serie 98M	Motor de máquina				OC336				X		
317			LX3986						X		
3204 Serie 45V					OC336				X		
3208 Serie 40S					OC336				X		
3208 Serie 75V					OC336				X		
3208 Serie 79V			LX1101	LX1063	OC336				X		
3208 Serie 90N					OC336				X		
321 - Caminhão Fora de Estrada (Ar Radial)				LXS7229					X		
3304 Serie 2B4364 e Segs./ 4B6032 e Segs.					OC121		KC114		X		
3304 Serie 5B					OC121		KC114		X		
3304 Serie 78P/ 3306 Serie 3N					OC121		KC114		X		
3306 Serie 66D8891 e Segs./ 23C740 e Segs.					OC121		KC114		X		
3306 Serie 67D					OC121		KC114		X		
3306 Serie 76R273					OC121		KC114		X		
3406 Serie 70V					OC122				X		
3406 Serie 90U/3408 Serie 67U-/3412 Serie 38S					OC122				X		

(1) Tipo Exportação

(2) Opcional

(3) Com Ar

(4) Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR						HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
		1°	2°						
<b>CATERPILLAR</b>									
3406 Serie 91U								X	
3406 Serie 92U/3408 Serie 28V								X	
3408B Serie 99U	Motor V8							X	
3412 Serie 60M								X	
35V, 15V								X	OX216-DIR.
36A /5525 E SEGS. 46A 28137 E SEGS. 76V, 77V								X	
38W								X	OX216-DIR.
4N5823, 2W2134, 2Y8675, 1R0712								X	
500 Serie (508-550), 518 (50S206 ->)/ 528 (51S1->, 97C1->)								X	
5110B - Escavadeira Frontal	AAA							X	
518 Serie 50S		LX116	LX1062					X	
518 Serie 50S1-205		LX116	LX1062					X	
518 Serie 50S206 e Segs.		LX116	LX1062					X	
518 Serie 50S206UP, 55U1UP, 94W1UP, 95U1UP		LX116	LX1062					X	
518 Serie 55U / 94U		LX116	LX1062					X	
51U 590 E SEGS.								X	
528 Serie 51S		LX1101	LX1063					X	
528 Serie 51S129-UP, 97C1-UP								X	
54K Serie 68M1-878; Trator		LX1101						X	
54K1, 736, 68M1, 650, 54K, 737 E SEGS.								X	
561 92JI-362		LX1101	LX1063					X	
561 Serie 54X		LX1101	LX1063					X	
561 Serie 62A		LX116	LX1062					X	
561 Serie 85H		LX1101	LX1063					X	
561 Serie 92J		LX1101	LX1063					X	
561 Serie 92J363 e Segs.		LX1101	LX1063					X	
571 95NI-190								X	
571 95NI91-UP								X	
571 Serie 16W		LX1101	LX1063					X	
571 Série 64A1151								X	
571 Série 64A152 e Segs.								X	
571 Série 95N		LX1101	LX1063					X	
572 96N164-UP		LX1101						X	
572 96NI-163		LX1101						X	
572 Serie 40U		LX1101	LX1063					X	
572 Série 65A								X	
572 Série 65A1175								X	

APLICAÇÃO / APPLICATION MOTOR / ENGINE

ANO /  
YEAR



HIDRÁULICO/  
HYDRAULIC

OUTROS/  
OTHER

1°

2°

1°

2°

## CATERPILLAR

APLICAÇÃO / APPLICATION		MOTOR / ENGINE		ANO / YEAR		HIDRÁULICO / HYDRAULIC		OUTROS / OTHER	
		1°	2°	1°	2°				
572 Série 65A176 e Segs.				OX217D		X		OX216-TRANS.	
572 Serie 96N		LX1101	LX1063	OC507	KC114	X	HX52-DIR.	HX52-TRANS.	
583 78UI-UP		LX1100	LXS232		KC114	X	HX52-DIR.	HX52-TRANS.	
583 Serie 21A				OX3D	KX91	X			
583 Serie 61A				OX3D		X	OX216	HX52-TRANS.	
583 Serie 78V		LX1100	LXS232	OC122		X	HX52-DIR.	HX52-TRANS. OX219	
583R - Assentador de Tubos		Motor 3406 C				X			
594 Série 62H				OX217D		X		HX52-TRANS.	
594 Serie 96V				OC122	KC114	X	HX52-DIR.	HX52-TRANS.	
594H - Assentador de Tubos (Ar Radial)		96V		LXS7229		X			
594H - Assentador de Tubos (Ar Radial)		96V		LX1777	OC122	X	HX52		
613 Série 38W		LX1101	LX1063	OC336	KC114	X	HX52-DIR.	OX216-TRANS.	
613 Série 71M/71M11377		LX1101	LX1063	OC336		X	HX52-DIR.	OX216-TRANS.	
619 Série 61F/62F		LX1101	LX1063	OX217D		X	HX52	OX217D-TRANS.	
621		12Y		LX1100	LXS232	X	OX216-DIR.	OX216-TRANS.	
621		85KD		LX1100	LXS232	X	OX216-DIR.	OX216-TRANS.	
621 Serie 15U		LX1100	LXS232	OC507	KX91	X	HX52-DIR.	OX216-TRANS.	
621 Serie 23H				OX3D	KX91	X	HX52-DIR.	OX216-TRANS.	
621 Serie 35V		LX1100	LXS232	OC507		X	OX216-DIR.	OX216-TRANS.	
621 Serie 46P		LX1100	LXS232	OC122		X	OX216-DIR.	OX216-TRANS.	
623 Serie 46P1-UP		LX1100	LXS232	OC122	KC114	X	OX216-DIR.	OX216-TRANS.	
623 Serie 52U				OX3D		X		OX216-TRANS.	
623 Serie 52V1-UP				OX3D	KC114	X	OX216-DIR.	OX216-TRANS.	
627 Serie 14S1-UP, 15S1-UP		LX1100	LXS232	OC122	KC114	X	OX216-DIR.	OX216-TRANS.	
627 Serie 54K1451e Segs.				OC121	KC114	X	OX216-DIR.	OX216-TRANS.	
627 Serie 54K737-888		LX1101	LX1063		KC114	X	HX52-DIR.	OX216-TRANS.	
627 Serie 54K889-1450		LX1101	LX1063		KC114	X	HX52-DIR.		
627 Serie 68M1551-UP		LX1100	LXS232	OC121	KC114	X	OX216-DIR.	OX216-TRANS.	
627 Serie 68M651-878		LX1101	LX1063	OC507	KC114	X	HX52-DIR.	OX216-TRANS.	
627 Serie 68M879 e Segs.		LX1100	LXS232		KC114	X			
627 Serie Trator 54K-1736/68M1650/54K737 e Segs.				OX3D	KC114	X			
627 Serie Trator 54K, 68M1878 - Obs: OX216 - somente p/ 68M1878		LX1101	LX1063		KC114	X	HX52-DIR.	OX216-TRANS.	
630 Serie 14G				OX217D	KX91	X	HX52-DIR.	HX52-TRANS.	
630 Serie 637 (64M1305->)/ 637 (91N374->, 92N1->)				OC507		X			
631 Serie 13G				OX217D	KX91	X	HX52-DIR.	HX52-TRANS.	
631 Serie 13G3687-UP				OC122	KC114	X	HX52-DIR.		
631 Serie 24W				OC122	KC114	X	OX216-DIR.	OX216-TRANS.	

(1) Tipo Exportação

(2) Opcional

(3) Com Ar

(4) Sem Ar



APLICAÇÃO / APPLICATION MOTOR / ENGINE

ANO /  
YEAR



HIDRÁULICO/  
HYDRAULIC

OUTROS/  
OTHER

1°

2°

1°

2°

## CATERPILLAR

APLICAÇÃO / APPLICATION		MOTOR / ENGINE		ANO / YEAR		HIDRÁULICO / HYDRAULIC		OUTROS / OTHER		
				1°	2°	1°	2°			
631 Serie 67M						OX217D	KC114	X	HX52-DIR.	OX216-TRANS.
631D - Escrêiper		24W		LXS7229				X		
631E - Escrêiper		1AB-1>1639		LX1777	LXS7229	OX216	KC114	X		
632 Serie 14G						OX217D	KX91	X	HX52-DIR.	HX52-TRANS.
632 Serie 14G81-UP							KC114	X	HX52-DIR.	HX52-TRANS.
633 Serie 25W							KC114	X	OX216-DIR.	OX216-TRANS.
633 Serie 44J						OX217D	KC114	X	HX52-DIR.	HX52-TRANS.
633 Serie 66782-UP							KC114	X	OX216-DIR.	OX216-TRANS.
633 Serie 66M1781								X	HX52-DIR.	HX52-TRANS.
633 Serie 66M782 e Segs.								X		OX216-TRANS.
633D - Escrêiper (Ar Radial)		25W		LXS7229				X		
637 Serie 26W/27W						OC122		X	OX216-DIR.	OX216-TRANS.
637 Serie 63M305-UP							KC114	X		
637 Serie 64N1304							KC114	X		OX216-TRANS.
637 Serie 65M, 79P						OX217D	KC114	X	HX52	OX216-TRANS.
637 Serie 92N1204							KC114	X		OX216-TRANS.
637 Serie 92N205-UP							KC114	X		OX216-DIR.
637 Serie Scrapers 91N-1373/64M11304						OX3D	KC114	X		OX216-TRANS.
637 Serie Scrapers 91N/64M							KC114	X		OX216-TRANS.
637 Serie Scrapers 92N/ 91N374 e Segs./ 64M1305 e Segs.						OC121	KC114	X		OX216-TRANS.
637D - Escrêiper (Ar Radial)		26W, 27W		LX1777	LXS7229	OC122		X	OX216	
637D TR - Escrêiper (Ar Radial)		27W		LX1777	LXS7229	OC122		X	OX216	
639D - Escrêiper (Ar Radial)		99X			LXS7229			X		
641 Serie 65K							KC114	X	HX52	OX216-TRANS.
641 Serie 65K1-900						OX3D	KC114	X	HX52	OX216-TRANS.
641 Serie 65K901 e Segs.						OC122	KC114	X	HX52	OX216-TRANS.
641 Serie Trator 64F/41M						OX217D	KX91	X	HX52-DIR.	HX52-TRANS.
650 Serie 58K							KC114	X	HX52	OX216-TRANS.
650 Serie 58K1-354						OX3D	KC114	X	HX52	OX216-TRANS.
650 Serie 58K355 e Segs.						OC122	KC114	X	HX52	OX216-TRANS.
650 Serie 63F/77F						OX217D	KX91	X	HX52-DIR.	HX52-TRANS.
651 Serie 33G/44M						OX217D	KX91	X	HX52-DIR.	HX52-TRANS.
651 Serie 67K							KC114	X	HX52	OX216-TRANS.
651 Serie 67K1-508						OX217D	KC114	X	HX52	OX216-TRANS.
651 Serie 67K509 e Segs.						OC122	KC114	X	HX52	OX216-TRANS.
651E - Escrêiper (Ar Radial)		89Z		LXS7229				X		
657 Serie 68K1-826 e 68K829						OX3D	KC114	X	HX52	OX216-TRANS.
657 Serie 68K827 e Segs. - Exceto 68K829						OC122	KC114	X	HX52	OX216-TRANS.
657 Serie Scrapers 19G						OX217D	KX91	X	HX52-DIR.	HX52-TRANS.

APLICAÇÃO / APPLICATION MOTOR / ENGINE

ANO /  
YEAR



HIDRÁULICO/  
HYDRAULIC

OUTROS/  
OTHER

1°

2°

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## CATERPILLAR

APLICAÇÃO / APPLICATION		MOTOR / ENGINE		ANO / YEAR		HIDRÁULICO / HYDRAULIC		OUTROS / OTHER		
				1°	2°	1°	2°			
657 Serie Trator 31G/46M						OX217D	KX91	X	HX52-DIR.	HX52-TRANS.
657 Serie Trator 68K							KC114	X	HX52	OX216-TRANS.
657E - Escreiper		6PR		LXS7229				X		
657E - Escreiper (Ar Radial)		90Z, 91Z		LXS7229				X		
657E - Escreiper (Ar Radial)		86Z, 87Z		LXS7229				X		
660 Serie 58K							KC114	X	HX52	OX216-TRANS.
660 Serie 58K1-354						OX3D	KC114	X	HX52	OX216-TRANS.
660 Serie 58K355 e Segs.						OC122	KC114	X	HX52	OX216-TRANS.
660 Serie Trator 77F/90F						OX217D	KX91	X	HX52-DIR.	HX52-TRANS.
666 Serie 20G205-UP							KC114	X	HX52	HX52-TRANS.
666 Serie 66K1-226						OX3D	KC114	X	HX52	OX216-TRANS.
666 Serie 66K227 e Segs.						OC122	KC114	X	HX52	OX216-TRANS.
666 Serie Scrapers 20G/18G						OX217D	KX91	X	HX52-DIR.	HX52-TRANS.
666 Serie Trator 66K							KC114	X	HX52	OX216-TRANS.
666 Serie Trator 77F/32G/64H						OX217D	KX91	X	HX52-DIR.	HX52-TRANS.
67M							KC114	X		
68M-879 E SEGS.				LX1100	LXS232	OX3D	KC114	X		
68M 651 E SEGS.							KC114	X		
72G-12K-96V							KC114	X		
72G 1030 E SEGS. 12K 1836 E SEGS. 96V						OC121		X		
769 Serie 1X (Fora de estrada)						OC122		X	HX52-DIR.	OX216-TRANS.
769 Serie 99F (Fora de estrada)						OX217D		X	HX52	HX52-TRANS./DIR.
769 Serie 99F1230 e Segs. (Exceto 99F1231, 99F1238)						OX217D	KC114	X	HX52-DIR.	HX52-TRANS.
769 Serie 99H-11229/99F1231/99F1238						OX217D	KX91	X	HX52-DIR.	HX52-TRANS.
769C - Caminhão (Ar Radial)		1X-6325>		LX1777	LXS7229	OC122	KC114	X	HX52	OX216
769D - Caminhão		5SS, 5TR, 8BB			LXS7229			X		
771C - Caminhão		3BJ-200>			LXS7229			X		
771D - Caminhão		6JR			LXS7229			X		
771D - Caminhão					LXS7229			X		
773 63G253-858						OX217D	KC114	X	HX52-DIR.	HX52-TRANS.
773 63G859 e Segs.						OC122	KC114	X	HX52-DIR.	HX52-TRANS.
773 63WI-UP						OC122	KC114	X	HX52-DIR.	HX52-TRANS.
773 Serie 63G (Fora de Estrada)						OX3D	KC114	X	HX52-DIR.	HX52-TRANS.
773B - Caminhão Fora de Estrada (Ar Radial)		63W			LXS7229			X		
773B - Caminhão Fora de Estrada (Ar Radial)		63W		LX1777		OC122	KC114	X	HX52	
773D - Caminhão Fora de Estrada		7CS			LXS7229			X		
773D - Caminhão Fora de Estrada		7ER			LXS7229			X		
775 - Caminhão Fora de Estrada					LXS7229			X		
775B - Caminhão Fora de Estrada (Ar Radial)		7XJ			LXS7229			X		

(1) Tipo Exportação

(2) Opcional

(3) Com Ar

(4) Sem Ar



APLICAÇÃO / APPLICATION MOTOR / ENGINE

ANO /  
YEAR



HIDRÁULICO/  
HYDRAULIC

OUTROS/  
OTHER

1°

2°

1°

2°

## CATERPILLAR

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR		OC	KC	X	HIDRÁULICO / HYDRAULIC	OUTROS / OTHER
		1°	2°					
777 Serie 84A		LX1100	LXS232	OX3D		X	HX52-DIR.	HX52-TRANS.
777B				OC122	KC114	X	OX216-DIR.	OX216-TRANS.
785 8GB1-UP				OC122	KC114	X	HX52-DIR.	OX216-TRANS.
789				OC122	KC114	X	OX216-DIR.	OX216-TRANS.
793B, 270 Ton.				OC122	KC114	X	OX216-DIR.	OX216-TRANS.
810 Série 814 90P157->				OC507		X		
814 90P157-UP, 14R1-UP			LX1063		KC114	X	HX52-DIR.	OX216-TRANS.
814 Serie Compactadores 90P1-156				OX3D	KC114	X	HX52-DIR.	OX216-TRANS.
814 Serie Compactadores 91P-157 e Segs.		LX1101	LX1063	OC121	KC114	X	HX52-DIR.	OX216-TRANS.
814B Serie 16Z1-UP					KC114	X	OX216-DIR.	OX216-TRANS.
815 Serie Compactadores 91P1-243					KC114	X	HX52-DIR.	OX216-TRANS.
815 Serie Compactadores 91P244 e Segs.		LX1101	LX1063		KC114	X	HX52	OX216-TRANS.
815 Serie Compactadores 91P920 e Segs. exceto 91P925	Caterpillar 3306			OC507	KC114	X	HX52-DIR.	OX216-TRANS.
815B Serie 17Z1-UP					KC114	X	OX216-DIR.	OX216-TRANS.
816 Serie 15Z1-UP						X	OX216-DIR.	OX216-TRANS.
816 Serie Compactadores 57U	Caterpillar 3306	LX1101	LX1063	OC507	KC114	X	OX216-DIR.	OX216-TRANS. OX219
824 Serie 36H430-UP					KC114	X	HX52-DIR.	HX52-TRANS.
824 Serie Compactadores 29G		LX1101	LX1063	OX217D	KX91	X	HX52-DIR.	HX52-TRANS.
824 Serie Compactadores 36H				OX217D		X	HX52	HX52-TRANS.
825 Serie 43N				OX217D	KC114	X	HX52-DIR.	HX52-TRANS.
825 Serie 43N1-493					KC114	X	HX52-DIR.	HX52-TRANS.
825 Serie 43N494-UP					KC114	X	HX52-DIR.	HX52-TRANS.
825C Serie 86X1-UP				OC122	KC114	X	OX216-DIR.	OX216-TRANS.
826 Serie 58U				OX217D	KC114	X	HX52-DIR.	HX52-TRANS.
834 Serie 43E				OX217D	KX91	X	HX52-DIR.	HX52-TRANS.
834 Serie 43E362-UP					KC114	X	HX52-DIR.	HX52-TRANS.
835 - Compactador	44N	LX1777		OC122	KC114	X	HX52	
835 Serie 44N				OX217D	KC114	X	HX52-DIR.	HX52-TRANS.
835 Serie 44N1-298					KC114	X	HX52-DIR.	
835 Serie 44N299-UP					KC114	X	HX52-DIR.	
89J					KC114	X		
910 Serie Pá Carregadeiras 80U				OC336		X	OX216	
916 Serie 2XB1-UP		LX116			KC114	X		
91N, 92N, 64N					KC114	X		
920 Serie 62K13389/ 62K3394		LX116	LX1062	OX3D	KC114	X	HX52-DIR.	OX216-TRANS.
920 Serie 62K3390 e Segs. - exceto 62K3394		LX116	LX1062	OC507	KC114	X	HX52-DIR.	OX216-TRANS.
920 Serie 62K4606-7094, 62K7095-UP		LX116	LX1062		KC114	X	HX52-DIR.	OX216-TRANS.

APLICAÇÃO / APPLICATION MOTOR / ENGINE

ANO /  
YEAR



HIDRÁULICO/  
HYDRAULIC

OUTROS/  
OTHER

1°

2°

1°

2°

## CATERPILLAR

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR	1°		2°		HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			LX116	LX1062	OX3D	KC114		
920 Serie 75J1-UP			LX116	LX1062			KC114	X   HX52-DIR. OX216-TRANS.
920 Serie Pá Carregadeiras 62K			LX116	LX1062			KC114	X   HX52-DIR. OX216-TRANS.
922 C Serie 25K					OX3D	KX91	X   HX52-DIR.	HX52-TRANS.
922 Serie 88J			LX116	LX1062	OX3D		KC114	X   HX52 OX3D
922 Serie Pá Carregadeiras 59A/94A					OX3D		KC114	X   HX52 OX3D
924F	Caterpillar				OC507			X   HC112
924G (3DZ1, 3PZ1, 6YW1, 9SW1)	CAT 3056T	1999->						X   HC112
928G (6XR1, 7SR1, DJD1, WLG1)	CAT 3116T	1998->						X   HC112
930 Serie 41K1-2626			LX116	LX1062	OX3D		KC114	X   HX52-DIR. OX216-TRANS.
930 Serie 41K2327, 5314			LX116	LX1062			KC114	X   HX52-DIR. OX216-TRANS.
930 Serie 41K/ 41K12326/ 41K2327 e Segs.			LX116	LX1062	OX3D			X   HX52-DIR. OX216-TRANS.
930 Serie 71H			LX116	LX1062	OC507		KC114	X   HX52-DIR. OX216-TRANS.
930 Serie 73M1-UP, 79J1-UP			LX116	LX1062			KC114	X   HX52-DIR. OX216-TRANS.
930 Série 938 / 938 G-F	Caterpillar				OC507			X
930T - Pá Carregadeira	Caterpillar 3304		LX116		OC507		KC114	X   HX52-DIR.
931 Serie 78U/10N					OC336			X   OX216
936 Serie 33Z1-UP, 45Z1-UP	1HJ		LX1101				KC114	X
938F (7SN)								X   HC112
938G II	CAT 3126B (ATAAC-HEUI)							X   HC112
93N-94N-72W-91V-92V			LX1101	LX1063			KC114	X
941 Serie 80H-3085-UP, exceto 80H-3087			LX116	LX1062			KC114	X   OX216-DIR. OX216-TRANS.
941 Serie 80H/ 80H13085			LX116	LX1062	OX3D			X   OX216-DIR. OX216-TRANS. OX219
941 Serie 80H/ 80H3086 e Segs. (exceto 80H3087)			LX116	LX1062	OC507			X   OX216-DIR. OX216-TRANS. OX219
943 Serie 31Y-UP			LX116				KC114	X
943 Serie 4Z1-UP, 19Z1-UP			LX116				KC114	X
944 Serie 43A			LX116	LX1062	OX3D			X   HX52 OX3D
944 Serie 58A1-UP			LX116	LX1062	OX3D		KC114	X   HX52-DIR.
944 Serie 87J			LX116	LX1062	OX3D		KC114	X   HX52 OX3D
950 Serie 31K/ 31K11015			LX116	LX1062	OC121		KC114	X   HX52-DIR. OX216-TRANS.
950 Serie 81J1-4272			LX116	LX1062	OX3D		KC114	X   HX52-DIR. OX216-TRANS.
950 Serie 81J4273 e Segs./ 31K1016 e Segs.			LX116	LX1062	OC507		KC114	X   HX52-DIR. OX216-TRANS.
950 Serie 81J5411-UP, 31K1201-UP			LX116	LX1062			KC114	X   HX52-DIR. OX216-TRANS.
950 Série 950 F	Caterpillar				OC507			X
950B Serie 22Z1-UP							KC114	X
950G II	CAT 3126B (ATAAC-HEUI)							X   HC112
950G (8JW)								X   HC112
950H								X   HC112
950Serie 90A			LX116	LX1062	OX3D			X   HX52-DIR. OX216-TRANS.
951 Serie 19H1-UP			LX116	LX1062			KC114	X

(1) Tipo Exportação

(2) Opcional

(3) Com Ar

(4) Sem Ar



APLICAÇÃO / APPLICATION MOTOR / ENGINE

ANO /  
YEAR



HIDRÁULICO/  
HYDRAULIC

OUTROS/  
OTHER

1°





2°

1°

2°

## CATERPILLAR

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR		1°	2°	1°	2°	HIDRÁULICO / HYDRAULIC	OUTROS / OTHER	
		1°	2°							
951 Serie 69H1-UP		LX116	LX1062	OX3D		KC114		X	OX216-DIR.	OX216-TRANS.
951 Serie 79H/ 86J		LX116	LX1062	OX3D		KC114		X	OX219-DIR.	HX52-TRANS.
951 Serie 86J1-1991		LX116	LX1062	OX3D		KC114		X	OX219-DIR.	HX52-TRANS.
951 Serie 86J1992 e Segs.		LX116	LX1062	OC507		KC114		X	OX219-DIR.	HX52-TRANS.
953 Serie 5Z1-UP, 76Y1-UP		LX1101				KC114		X		
955 Serie 12A				OX3D				X	HX52	
955 Serie 12A				OX3D				X	HX52-DIR.	
955 Serie 13X		LX1101	LX1063	OC121		KC114		X	OX216-DIR.	OX216-TRANS.
955 Serie 13X1-UP, 57M1-UP, 8Y1-UP		LX1101	LX1063	OC507		KC114		X	OX216-DIR.	OX216-TRANS.
955 Serie 60A		LX116	LX1062	OX3D				X	HX52	OX3D
955 Serie 61H		LX1101	LX1063	OX3D		KC114		X	HX52-DIR.	OX216-TRANS.
955 Serie 85J1, 4729E, 85J4732, 33, 37		LX1101	LX1063	OX3D		KC114		X	HX52	OX216-SUC. OX3D-DIR.
955 Serie 85J4730 e Segs.- exceto 85J4732, 33, 37		LX1101	LX1063	OC507		KC114		X	HX52	OX216-SUC. OX3D-DIR.
955 Serie 85J9510-UP		LX1101	LX1063			KC114		X	HX52-DIR.	OX216-TRANS.
962G II (AXS1, AXY1, AYE1, BAB)	CAT 3126B (ATAAC-HEUI)							X	HC112	
962H								X	HC112	
9637						KC114		X		
966 Serie 25U		LX1101	LX1063	OC507		KC114		X	HX52-DIR.	
966 Serie 33A		LX1101	LX1063	OX3D				X		OX3D
966 Serie 75A		LX1101	LX1063	OX3D				X	HX52	OX3D
966 Serie 76J1-4836, 30K1-1337						KC114		X	HX52-DIR.	OX216-TRANS.
966 Serie 76J15269/ 30K11400		LX1101	LX1063	OX3D		KC114		X	HX52-DIR.	
966 Serie 76J5270-UP, 30K1401-UP		LX1101	LX1063	OC507		KC114		X	HX52-DIR.	OX216-TRANS.
966D Serie 99Y1-UP		LX1101				KC114		X	OX216-DIR.	OX216-TRANS.
966R	Caterpillar 3306			OC507				X		
973 Serie 32Z1-UP		LX1100	LXS232			KC114		X		
977 Serie 11K						KC114		X	HX52-DIR.	HX52-TRANS.
977 Serie 11K-4071-UP				OC507		KC114		X	HX52-DIR.	HX52-TRANS.
977 Serie 11K1-4070				OX3D		KC114		X	HX52-DIR.	
977 Serie 46H		LX1101	LX1063	OX3D		KC114		X	HX52-DIR.	HX52-TRANS.
977 Serie 53A				OX3D		KC114		X	HX52	OX3D
977 Serie 95X1-UP						KC114		X	HX52-DIR.	HX52-TRANS.
980 Serie 42H		LX1101	LX1063			KX91		X	HX52-DIR.	OX216-TRANS.
980 Serie 63X		LX1100	LXS232	OC122				X	OX216-DIR.	OX216-TRANS.
980 Serie 8964784-UP						KC114		X	OX216-DIR.	OX216-TRANS.
980 Serie 89P						KC114		X	HX52-DIR.	OX216-TRANS.
980 Serie 89P1-1529, 89P1-1539				OX3D		KC114		X	HX52-DIR.	OX216-TRANS.
980 Serie 89P11878		LX1101	LX1063			KC114		X	HX52-DIR.	OX216-TRANS.
980 Serie 89P1530, exceto 89P1539				OC507		KC114		X	HX52-DIR.	OX216-TRANS.





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO / HYDRAULIC	OUTROS / OTHER
			1°	2°	1°	2°	1°	2°			
<b>CATERPILLAR</b>											
980 Serie 89P1540-1878					OC507				X		
980 Serie 89P1879 e Segs.			LX1100	LXS232	OC507		KC114		X	HX52-DIR.	OX216-TRANS.
980 Serie 89P4784-UP			LX1100	LXS232			KC114		X	HX52-DIR.	OX216-TRANS.
983 Serie 38K					OX217D		KC114		X	HX52-DIR.	HX52-TRANS.
988A Serie 87A1-879A							KC114		X	HX52	HX52-TRANS./DIR.
988A Serie 87A19074					OX217D		KX91		X	HX52-DIR.	HX52-TRANS.
988A Serie 87A19075 e Segs.					OX217D		KX91		X	HX52-DIR.	HX52-TRANS.
988B Serie 50W					OC122				X	OX216-DIR.	OX216-TRANS.
992 Serie 25K1169					OX3D				X	HX52-DIR.	HX52-TRANS.
992 Serie 25K1170 e Segs.			LX1100	LXS232	OX3D				X	HX52-DIR.	HX52-TRANS.
992C - Carregadeira de Rodas (Ar Radial)	42X		LX1777						X	HX52	
992C Serie 42X					OC122				X	HX52-DIR.	HX52-TRANS.
99J-10K-17R465 E SEGS. 69V-3X-4X-5X-6X-23V-24V-74W-75W							KC114		X		
CARREGADEIRAS 918F US 3TJ1	3114								LA952		
CARREGADEIRAS 938									LA952		
CARREGADEIRAS 938F 1KM	3116								LA952		
CARREGADEIRAS 938F (BL 2RM1/BZ 7SN1/US 1KM1)	3126								LA952		
CARREGADEIRAS 939CHS 6DS1	3046								LA952		
CARREGADEIRAS 950GII (AXR/AXX/AYB/AYL/BAA)	3126B								LA952		
CARREGADEIRAS 950H (M1G/N1A)	C7								LA952		
CARREGADEIRAS 962GII (AXS/AXY/AYE/BAB/BAD)	3126B								LA952		
CARREGADEIRAS 962H (M3G/N4A)	C7								LA952		
CARREGADEIRAS 966F II (JA 9YJ1/US 1SL1)	3306								LA952		
CARREGADEIRAS 966G SERIES II ANZ / 966GII (ANT/AWY)	3176 / 3176C								LA952		
CARREGADEIRAS 966H (A6D/A6G)	C13								LA952		
CARREGADEIRAS 972GII (ANY/AWP)	3196								LA952		
Challenger 35			LX1774						X		
Challenger 36			LX1774						X		
Challenger 55			LX1774						X		
CP Série CP-533-C - Rolo Vibratório	Caterpillar				OC507				X		
D10 Serie 84W			LX1100	LXS232	OC122				X	HX52-DIR.	HX52-TRANS.
D3 Serie 79U					OC336				X		OX216-TRANS.
D330 Serie 2B/4B	Motor industrial				OX3D		KC114		X		
D333 Serie 23C					OX3D		KC114		X		
D333 Serie 66D					OX3D		KC114		X		
D343 Serie 33B	Motor Marítimo				OX217D				X		
D343 Serie 33B2567 e Segs.	Motor Marítimo				OX217D		KC114		X		
D343 Serie 62B					OX217D				X		

(1) Tipo Exportação

(2) Opcional

(3) Com Ar

(4) Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>CATERPILLAR</b>											
D346 Serie 39J1521					OX217D				X		
D346 Serie 39J1522 e Segs.					OX3D				X		
D346 Serie 40J1245					OX217D				X		
D346 Serie 40J1246 e Segs.					OX3D				X		
D348 Serie 36J1560					OX217D				X		
D348 Serie 36J1561 e Segs.					OX3D				X		
D348 Serie 38J1192					OX217D				X		
D348 Serie 38J1193 e Segs.					OX3D				X		
D349 Serie 61P					OX3D				X		
D349 Serie 62P					OX3D				X		
D353 Serie 46B					OX217D				X		
D353 Serie 46B1558 e Segs.					OX217D		KC114		X		
D353 Serie 47B					OX217D				X		
D353 Serie 47B1710 e Segs.					OX217D		KC114		X		
D379 Serie 68B12539					OX217D		KX91		X		
D379 Serie 68B12540 e Segs.					OX3D				X		
D379 Serie 69B11226					OX217D		KX91		X		
D379 Serie 69B11227 e Segs.					OX3D				X		
D398 Serie 66B13560					OX217D		KX91		X		
D398 Serie 66B13561 e Segs.					OX3D				X		
D398 Serie 67B11390					OX217D		KX91		X		
D398 Serie 67B1391 e Segs.					OX3D				X		
D399 Serie 35B1687					OX217D		KX91		X		
D399 Serie 35B688 e Segs.					OX3D				X		
D399 Serie 91B1386					OX217D		KX91		X		
D399 Serie 91B1387 E Segs.					OX3D				X		
D4 Série - D4D (97F11818->)									X	HC112	
D4 Serie 20- J/39A/40A/78A/85A/86A/22C					OX3D				X		
D4 Serie 28X1727-UP		LX116	LX1062				KC114		X		OX216-DIR.
D4 Serie 29X1-UP, 72X1-UP, 52X1-UP		LX116	LX1062				KC114		X	OX216	OX216-DIR.
D4 Serie 74U1-UP, 97F1-UP		LX116	LX1062		OX3D		KC114		X		OX216-TRANS.
D4 Serie 74- U/82J1/82J3256/83J11810/84J11389 (Exceção Serie 82J13259)					OX3D				X		
D4 Serie 82J-3256, 82J-326OUP, 82J-181UP, 84J-139OUP		LX116	LX1062				KC114		X		OX216-TRANS.
D4 Serie 82J1-3259, 83J1-1810, 84J1-1369		LX116	LX1062		OX3D		KC114		X		OX216-TRANS.
D4 Serie 82J, 83J, 84J, 97F, 74U, 76W, 77W		LX116	LX1062				KC114		X		OX216-TRANS.
D4 Série D4 (76W, 77W, 97F)/ D4 (82J3256)/ D4 (82J3260->, 83J1811->)/ D4 (84J1390->)					OC507				X		
D4H Serie 2ACI-UP		LX116					KC114		X	OX216	OX216-TRANS.
D4H Serie 3AC1-UP		LX116					KC114		X	OX216	OX216-TRANS.
D4H Serie 8PB1-UP		LX116					KC114		X	OX216	OX216-TRANS.

APLICAÇÃO / APPLICATION MOTOR / ENGINE

ANO /  
YEAR



HIDRÁULICO/  
HYDRAULIC

OUTROS/  
OTHER

1°

2°

1°

2°

## CATERPILLAR

APLICAÇÃO / APPLICATION	ANO / YEAR		MOTOR / ENGINE	HYDRAULIC	OTHER
	1°	2°			
D4H Serie 9DB1-UP	LX116		KC114	X	OX216 OX216-TRANS.
D5 Serie 26X1-UP, 21Y1-UP	LX1063		KC114	X	OX216-DIR. OX216-TRANS.
D5 Serie 81H/82H/83H/84H	LX116 LX1062	OX3D		X	OX216-DIR. OX216-TRANS.
D5 Serie 93J-678 e Segs./ 94J1705 e Segs.		OC507	KC114	X	OX216-TRANS.
D5 Serie 93J1-677	LX1063	OX3D	KC114	X	OX216-DIR.
D5 Serie 93J905-UP	LX1063		KC114	X	OX216-DIR. OX216-TRANS.
D5 Serie 93J/94J/95J/96J/98J	LX1101 LX1063		KC114	X	OX216-DIR. OX216-TRANS.
D5 Serie 94HI705-2448			KC114	X	OX216-DIR. OX216-TRANS.
D5 Serie 94J1-1704	LX1063	OX3D	KC114	X	OX216-DIR. OX216-TRANS.
D5 Serie 95J1-309	LX1063	OX3D	KC114	X	OX216-DIR. OX216-TRANS.
D5 Serie 95J310 e Segs.		OC507	KC114	X	OX216-DIR. OX216-TRANS.
D5 Serie 96J1-2797	LX1063	OX3D	KC114	X	OX216-DIR. OX216-TRANS.
D5 Serie 98J1-1133	LX1063	OX3D	KC114	X	OX216-DIR. OX216-TRANS.
D5 Serie 98J1134 e Segs.		OC507	KC114	X	OX216-DIR. OX216-TRANS.
D5 Serie 98J1591-UP	LX1063	OC507	KC114	X	OX216-DIR. OX216-TRANS.
D5 Série D5B - Esteira D5H Serie 1DD1-UP		Caterpillar OC507		X	OX216-DIR. OX216-TRANS.
D5H Serie 7NC1-UP			KC114	X	OX216-DIR. OX216-TRANS.
D5H Serie 8RC1-UP			KC114	X	OX216-DIR. OX216-TRANS.
D6 Serie 17R465-1283, 1284-UP	LX1063	OC507	KC114	X	HX52-DIR. HX52-TRANS.
D6 Serie 1Y1-UP	LX1063		KC114	X	HX52-DIR. HX52-TRANS.
D6 Serie 23U/24U/74W/75W	LX1100 LXS232	OC507		X	HX52-DIR. HX52-TRANS. OX219
D6 Serie 24U/99J11592		OX3D		X	
D6 Serie 37A/44A/56A/57A	LX116 LX1062	OX3D		X	OX216-DIR. OX216-TRANS.
D6 Serie 5X1-UP	LX1063		KC114	X	HX52-DIR. HX52-TRANS.
D6 Serie 69U, 3X, 4X, 5X, 6X	LX1100 LXS232	OC507	KC114	X	HX52-DIR. HX52-TRANS.
D6 Serie 74A11751/76A12891				X	HX52-DIR. HX52-TRANS.
D6 Serie 74A/76A	LX1101 LX1063	OX3D		X	HX52-TRANS.
D6 Serie 99J1-1550	LX1101 LX1063	OX3D	KC114	X	HX52-DIR. HX52-TRANS.
D6 Serie 99J1551e Segs.	LX1100 LXS232		KC114	X	
D6 Serie 99J1593-UP, 10K629-UP	LX1100 LXS232	OC507	KC114	X	HX52-DIR. HX52-TRANS.
D6 Serie 99J1754-2534, 2535-UP	LX1100 LXS232		KC114	X	HX52-DIR. HX52-TRANS.
D6 Série D6G SR - Esteira/ D6M XL - Esteira		OC507		X	
D6D Serie 33X1-UP	LX1100 LXS232		KC114	X	HX52-DIR. HX52-TRANS.
D6D, D6E Serie 75W1-UP	LX1100 LXS232		KC114	X	HX52-DIR. HX52-TRANS.
D6H Serie 7PC1-UP, 4RC1-UP, 8YC1-UP			KC114	X	HX52-DIR. HX52-TRANS.

(1) Tipo Exportação





(2) Opcional

(3) Com Ar

(4) Sem Ar



APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>CATERPILLAR</b>											
D7 Serie 47A16392										X	OX216-TRANS./DIR.
D7 Serie 47A3396 e Segs./48A6393 e Segs.										X	HX52-TRANS.
D7 Serie 72W, 91V, 92V			LX1101	LX1063	OC121	KC114				X	HX52-DIR.
D7 Serie 93N1961, 94N13356 (Exceto 94N1334-7/3348/3352/3353)					OX3D	KC114				X	
D7 Serie 93N962-UP, 94N3357-UP					OC121	KC114				X	HX52-DIR.
D7 Serie 93N/94N			LX1101	LX1063		KC114				X	HX52-DIR.
D7 Série D7 (45W1, 65V1, 72W1, 91/92V1)/ D7 (93N962->, 94N3357->)					OC507					X	
D7 Série D7 (94N3347, 48, 52, 53)					OC507					X	
D7H Serie 77Z1-UP, 78Z1-UP					OC121	KC114				X	HX52-DIR.
D8 L					OC122					X	OX216-DIR.
D8 Serie 22A/35A					OX3D					X	OX216-TRANS.
D8 Serie 36A 5525 e Segs.					OC122	KC114				X	OX216-DIR.
D8 Serie 36A14468										X	OX216-TRANS.
D8 Serie 36A15524/46A129449					OX3D					X	
D8 Serie 36A4469 e Segs./46A10725 e Segs.										X	HX52-DIR.
D8 Serie 36A4649/5383					OX3D					X	HX52-TRANS.
D8 Serie 36A5384 e Segs.			LX1100	LXS232						X	
D8 Serie 46A110724										X	OX216-DIR.
D8 Serie 46A2573-8/25739/25740/25743/25746			LX1100	LXS232						X	
D8 Serie 46A28137, 29449			LX1100	LXS232	OX3D	KC114				X	HX52-DIR.
D8 Serie 46A29450 e Segs.					OC122	KC114				X	
D8 Serie 52A/68A					OX3D					X	OX216-DIR.
D8 Serie 76V/77V			LX1100	LXS232	OC122					X	HX52-DIR.
D8 Série D8H - Esteira/ D8N - Esteira	Caterpillar D342				OC507					X	
D8K Serie 76CV1-UP, 77V1-UP			LX1100	LXS232		KC114				X	HX52-DIR.
D9 - Trator de Esteiras (Ar Radial) 66A-11908> / 90V-4940>			LX1777		OX217D OC122	KC114				X	HX52
D9 Serie 34A					OX217D					X	OX216-TRANS.
D9 Serie 66A11907					OX217D					X	
D9 Serie 66A11908-UP					OX217D	KC114				X	HX52-DIR.
D9 Serie 66A13074					OX217D					X	HX52-TRANS.
D9 Serie 66A13265										X	OX216-DIR.
D9 Serie 66A3075-3265					OX217D					X	OX216-TRANS.
D9 Serie 66A3266 e Segs.					OX217D					X	HX52-TRANS.
D9 Serie 66A9950-11907						KC114				X	HX52-DIR.
D9 Serie 90V					OC122	KC114				X	HX52-TRANS.
D9 Serie 90V1-UP					OC122	KC114				X	HX52-DIR.
D9H Serie 90V, 3965-5541					OC122	KC114				X	HX52-TRANS.





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>CATERPILLAR</b>											
ESCAVADEIRA 315 BL 300 SERIES / 1SW1UP / 3AW1UP / 315C AKE1UP / CFB1UP / CFT1UP	3054		LX3614								
ESCAVADEIRA 315B 300 SERIES - 1SW1UP - 3AW1UP / 317BL 300 SERIES - 6DZ1UP - 9WW1UP / 317BLN 6DZ1UP - 9WW1UP / 318BL 300 SERIES - 3LR1UP - 7KZ1UP - ADC1UP - AEJ1UP / 318BLN 300 SERIES - 3LR1UP - 7KZ1UP - ADC1UP - AEJ1UP	3046		LX3614								
ESCAVADEIRA 315C 300 SERIES - CFB1UP - CFT1UP - CJC1UP / 315CL CFB1UP - CFT1UP - CJC1UP	3150		LX3614								
ESCAVADEIRA 318C AWS1UP / GPA1UP / MDY1UP	3066		LX3614								
H Série Motorgrader (110-190), 112 (89J1689->) / 120 (10R2144->) / 120 (13U682->)					OC507				X		
H Série Motorgrader (110-190), 120 H - Motoniveladora	Caterpillar				OC507				X		
H Série Motorgrader (110-190), 120 (22R942->) / 120 (82V1->, 87V1->) / 120G					OC507				X		
H Série Motorgrader (110-190), 130 (74V) / 140 (11R1-651) / 140 (11R652->)					OC507				X		
H Série Motorgrader (110-190), 140 (14U1->) / 140 (24R/ 61S) / 140 (72V, 81V)					OC507				X		
H Série Motorgrader (110-190), 140B - Motoniveladora	Caterpillar				OC507				X		
H Série Motorgrader (110-190), 140G - Motoniveladora	Caterpillar 3306				OC507				X		
H Série Motorgrader (110-190), 140H - Motoniveladora	Caterpillar				OC507				X		
H Série Motorgrader (12-24) 12 (13K4568->) / 12 (61M1->) / 12 (89H1225->)					OC507				X		
H Série Motorgrader (12-24) 12G - Motoniveladora	Caterpillar 3306				OC507				X		
H Série Motorgrader (12-24) 14 (12K1836->) / 14 (72G1030->) / 14G (96U1->, 5MD->)					OC507				X		
POLICULTORES INTEGRADOS IT18F 8GJ1	3114								LA952		
POLICULTORES INTEGRADOS IT24FUK 6KN1	3114T								LA952		
POLICULTORES INTEGRADOS IT28F 1JL									LA952		
POLICULTORES INTEGRADOS IT62H M5G	C7								LA952		
SÉRIE 200 - 216 (Maquinária de Obras)		01/96->	LX2959						X		
SÉRIE 200 - 226 (Maquinária de Obras)		01/99->	LX2959						X		
SÉRIE 200 - 228 (Maquinária de Obras)			LX2959						X		
SÉRIE 200 - 236 (Maquinária de Obras)		01/99->	LX2959						X		
SÉRIE 200 - 246 (Maquinária de Obras)		01/96->	LX2959						X		
SÉRIE 900 - 906 (Maquinária de Obras)		01/99->	LX2959						X		
TRATORES COMPACTADORES 814F BGF1 / 815F BKL	3176C								LA952		
TRATORES SOBRE ESTEIRAS D3C SERIES III / D4C III JA 6YL1 / D4C III JA 7SL1	3046								LA952		





(1) Tipo Exportação

(2) Opcional

(3) Com Ar

(4) Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>CBT</b>											
1000	Perkins 4203	->75			OX18D		KX23		X		
1000, 2070	Perkins 4203	76->79	LX275	LXS5/1	OC38		KX23 KX23		X		
1065, 2080	MB OM314	75->80			OX85D		KX43		X		
1065/ 1105/ 2600 (Canavieiro)	OM 352 - OM 352 A	01/83->	LX265	LXS37/1	OX199D		KX43 KX35		X		
1090	Perkins 6340	->78					KX23		X		
1090A, 2100	Perkins 6357	76->79			OX200D		KX43		X		
1090A, 2100 (Canavieiro)	Perkins 6357	80->	LX265	LXS37/1	OC308		KX23		X		
2105	MB OM352	76->82	LX236	LXS41/1	OX85D		KX43 KX35		X		
2105 Bufalo pantaneiro	MB OM352A	84->	LX236	LXS41/1	OX199D		KX43 KX35		X		
2105 (Canavieiro)	OM 352 - OM 352 A	01/83->	LX265	LXS37/1	OX199D		KX43 KX35		X	HX15	
2400	Detroit 4.53N	78->79	LX227	LXS42/1					X		
2500	Perkins 6358				OC308		KX23		X		
2600	MB OM352		LX236	LXS41/1	OX85D		KX43 KX43		X		
3000, 3500	Chrysler 318 Alcool	83->	LX236	LXS41/1					X		
8060	MB OM352	84->	LX236	LXS41/1	OX199D		KX43 KX35		X	HX51D	
8240	Perkins 4236 Alcool	->84			OC324		KL63 KL222 <sup>(2)</sup>		X		
8240	Perkins 4248	86->	LX17		OC324		KX23		X		
8260 (4X4)	Perkins 6354		LX236	LXS41/1	OC308		KX23		X		
8440	MWM D229/4	85->	LX275	LXS5/1	OC26		KX43 KX35		X		
8450 TURBO (4X4)	MWM TD 229 EC4		LX265	LXS37/1	OC60		KX43 KX35		X	HC86	
9450 TURBO (4X4)	MWM TD 229 EC4		LX265	LXS37/1	OC60		KX43 KX35		X	HX15	
Alfa Javali	CBT MPL Turbo 3 Cil.		LX236		OX200D		KX43 KX35		X		
Jeep 185 Javali	CBT 401 4 Cil.		LX275		OX200D		KX43 KX35		X		
<b>CHERY</b>											
CIELO	1.6L 16V GASOLINA - ACTECO	2010->	LX3692		OC318		KL224/1		LA905		
FACE	1.3L GASOLINA - ACTECO	2010->	LX3116		OC235		KL224/1				
QQ	1.1L ACTECO Gasolina	2010->			OC1227 OC534						
TIGGO	2.0L 16V GASOLINA - ACTECO	2010->	LX3690		OC317		KL582 (Plus)		LA632		
<b>CHRYSLER</b>											
300 C (Sedan) Aut.	3.5 V6 24V	07->09							LA105 0		
300 C (Sedan) Aut.	6.1 SRT8 16V	06->10							LA105 0		
300 C (Sedan/Touring) Aut.	5.7 V8 16V	05->09							LA105 0		
300 M	3.5 V6 24V	07/98->			OC236				X		
300 M	3.5 V6 24V	98->01			OC18				X		
5.2L V8	98->				OC18						
Caravan	2.4 4cil.	96->			OC534						
Caravan	3.0 V6	96->07								LA105 5	
Caravan	3.3 V6	93->95			OC18						





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>CHRYSLER</b>											
Caravan	3.3L V6	93->			OC23 OC506 PLUS						
Caravan	V6	96->			OC18						
Caravan (SE)	2.4 V6 B00	96->03							LA105 5		
Caravan (SE/LE/LX)	3.3 V6	05->07							LA105 5		
Cherokee 2.0 Diesel Comanche			LX147		OC318	KX24					
Dakota	2.5 4cil.	98->	LX577		OC18						
Dakota	2.5 Turbodiesel	01->	LX577		OC18						
Dakota	3.9 V6	97->	LX577		OC18						
Dakota	5.2 V8	97->	LX577		OC18						
Dakota	2.5 Turbodiesel	01	LX577		OC18						
Dakota Sport	2.5 e 3.9L	93->			OC23 OC506 PLUS						
Dakota Sport	2.5L Gasolina	01/99->			OC236						
Dodge 1800, Dodge Polara		73->81				KL63 KL222 <sup>(2)</sup>		X			
Dodge Dart Charger RT-SE, Lebaron, Magnum		74			OC67	KL63 KL222 <sup>(2)</sup>		X			
Dodge E11, 13, 21	Alcool L 318S	81->85				KL222 KL63		X			
Grand Caravan SE/LE	3.3 V6	93->			OC23						
Grand Caravan (SE/LE/Limited) Aut.	3.3 V6 12V	02->							LA105 5		
Jeep Cherokee	2.5	93->			OC23						
Jeep Cherokee	2.5i (XJ)	11/96- >11/01			OC236						
Jeep Cherokee	2.5i (XJ) - EPE	12/91- >11/01			OC236						
Jeep Cherokee	4.0i (XJ)	01/95- >11/01			OC236						
Jeep Cherokee	4.0i (XJ)	01/88- >11/01			OC236						
Jeep Cherokee	4.0i (XJ) - ERH	01/88- >11/01			OC236						
Jeep Cherokee	4.0i (XJ) - MX	12/91- >11/01			OC236						
Jeep Cherokee		94->	LX577		OC18						
Jeep Cherokee		08->12							LA911/ S		
Jeep Cherokee (KJ - Sport / Plus) Aut./Mec.	3.7 V6 - Gasolina	02->09							LA105 9		
Jeep Cherokee (Sport / Plus) Aut./ Mec.	3.7 V6 - Gasolina	09->							LA105 9		
Jeep Compass	2.0 16V VVT	2012->			OC1239						
Jeep Grand Cherokee	4.0	04/99->			OC236				LA105 9		
Jeep Grand Cherokee	4.0i (ZJ)	09/91->			OC236						
Jeep Grand Cherokee	4.0i (ZJ) MX	09/91->			OC236						
Jeep Grand Cherokee	4.0i (Z) S01	10/95->			OC236						
Jeep Grand Cherokee	4.7 V8	04/99- >06/00			OC236						
Jeep Grand Cherokee	5.2 V8 (ZJ)	01/92->			OC236						
Jeep Grand Cherokee	5.2 V8 (ZJ) - Y	09/92->			OC236						
Jeep Grand Cherokee	5.2 (Z) - Y01	10/95->			OC236						
Jeep Grand Cherokee	5.9 V8	01/97- >12/98			OC236						





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APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>CHRYSLER</b>											
Jeep Grand Cherokee		08->12								LA902	
Jeep Grand Cherokee 6	4.0L V8	98->			OC18						
Jeep Grand Cherokee 6	5.2L V8	93->97			OC18						
Jeep Grand Cherokee 6-4.0L /5.2L-V8	V8	93->			OC23 OC506 PLUS						
Jeep Grand Cherokee 6	5.9L V8	98->			OC18						
Jeep Grand Cherokee II	2.7 CRD (WJ, WG)	09/01->07/05			OX980D3						
Jeep Grand Cherokee (Laredo) Aut.	3.1 TD Turbo Diesel VM Diesel	00->01								LA105 9	
Jeep Grand Cherokee (Laredo) Aut.	4.0 V6 12V	99->01								LA105 9	
Jeep Grand Cherokee (Limited) Aut.	3.0 V6 24V CRD Diesel OM 642	05->10			OX1044D					LA105 9	
Jeep Grand Cherokee (Limited) Aut.	4.7 V8 16V	05->07								LA105 9	
Jeep Grand Cherokee (Limited) Aut.	4.7 V8 16V	99->00								LA105 9	
Jeep Grand Cherokee (Limited) Aut.	4.7 V8 16V	08->09								LA105 9	
Jeep Grand Cherokee (Limited) Aut.	4.7 V8 16V WJ	00->05			OC236					LA105 9	
Jeep Grand Cherokee (Limited/Overland) Aut.	5.7 V8 16V HEMI	05->09								LA105 9	
Jeep Grand Cherokee (Sport) Aut.	2.7 20V Turbo Diesel OM612	02->04								LA105 9	
Jeep Grand Cherokee (SRT/SRT8) Aut.	6.1 V8 16V HEMI	06->10								LA105 9	
Jeep Wranger	4.0	12/91->09/96			OC236						
Jeep Wranger	4.0 - S01	08/96->			OC236						
Le Baron	2.2	86->91			OC534					X	
Le Baron	2.2i	09/86->			OC236					X	
Le Baron	3.0i V6	01/90->12/90			OC534					X	
Le Baron	3.0i V6 Cabrio - 6G72	01/90->			OC236					X	
Le Baron, Magnum		74->81	LX1065			KL63 KL222 <sup>(2)</sup>				X	
Neon	1.8	98->			OC534					X	
Neon	2.0 16V	96->			OC534					X	
Neon LE	1.8	94->			OC534					X	
Neon LE	2.0	94->			OC534					X	
Neon II	1.6 l - Gasolina	01/01->			OX175D					X	
P 950 S	5.9	74->93				KX43 KX35				X	
Pick-up Ram	3.9 V6 Gasolina	01/94->01/96			OC236						
Pick-up Ram	5.2 V8 Gasolina	01/94->01/96			OC236						
Pick-up Ram	5.2 V8 Gasolina	93->			OC23						
Pick-up Ram	5.9 V8 Gasolina	01/94->01/98	LX577		OC236						
Pick-up Ram		93->			OC23 OC506 PLUS						
Pick-up Ram 2500	5.9 TD V8	2005->2010	LX3524								
PT Cruiser	1.6 l - Gasolina	1/01->			OX175D					LA180	
PT Cruiser / PT Cruiser Cabrio	2.4 16V	04/00->			OC534					LA180	
Stratus	2.0/2.4	98->			OC534						
Stratus	2.5 V6 24V	98->			OC18						





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR									HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°				
<b>CHRYSLER</b>												
Stratus	2.5 V6 LX - H00	12/95->			OC236							
Vision	3.3 / 3.5	95->			OC18				X			
Voyage / GrandVoyage	2.0	96->			OC534				X			
Voyage / GrandVoyage	2.5	87->91			OC534				X			
Voyage / GrandVoyage	2.5	91->96			OC18				X			
Voyage / GrandVoyage	3.0 V6	88->91			OC534				X			
Voyage / GrandVoyage	3.0 V6	91->96			OC18				X			
Voyage / GrandVoyage	3.3 V6	91->96			OC18				X			
Voyage / GrandVoyage	3.8 V6	96->99			OC18				X			
Voyage / GrandVoyage	3.8 V6	95->96			OC18				X			
Voyage / GrandVoyage	3.0	96->			OC18				X			
Voyage / GrandVoyage LE/SE	2.0 4cil.	95->			OC534				X			
<b>CIBER</b>												
SA11, SA14, SA15	Perkins 4203	74->75			OX18D		KX23		X			
SA11, SA14, SA15, SA16	Perkins 4203, 3152				OX18D		KX23		X			
SA11, SA14, SA15, SA16	Perkins 4236				OC38		KX23		X			
SA12, SA13	Perkins 4300				OC308		KX23		X			
SA12, SA13	Perkins 6357						KX23		X			
SA12, SA13	Perkins 6357-6358	84->85			OC308		KX23		X			
SA16	Perkins 3152	74->75			OX18D		KX23		X			
<b>CITROEN</b>												
Aircross GL/GLX	1.6L 16v Flex TU5JP4	2010->	LX1287		OX339/2D ECO		KL583 (Plus)		LA138			
AX 10	CDY/ C1A/ C3A (TU9/9M)	07/86- >06/92			OC100 OC505 PLUS		KL222 KL63		X			
AX 10	CDZ (TU9M)	07/92- >12/98			OC100 OC505 PLUS		KL60		X			
AX 10GT/ GTI		92->94					KL60		X			
AX 11	1.1L	06/91- >05/92					KL222 KL63		X			
AX 11		06/92- >10/96					KL60		X			
AX 14	KDY (TU3M)	03/89- >12/96			OC100 OC505 PLUS		KL222 KL63		X			
AX 14		06/92- >10/95					KL60		X			
AX 14 GT GTI	1.4L	09/91- >06/92					KL222 KL63		X			
AX 14 GT GTI	1.4L	09/91- >06/94					KL2		X			
AX 14 GT GTI	1.4L	09/91- >06/94					KL60		X			
AX14		88->89					KL60		X			
AX14 GTI		91->94					KL60		X			
Berlingo	1.1l - HDZ (TU1M)/ HFX (TU1JP)	07/00->			OX193D				LA8			
Berlingo	1.4l - KFX (TU3JP)	07/00->			OX193D				LA8			
Berlingo	1.6l - NFU (TU5JP4)	10/00->			OX193D				LA8			
Berlingo	1.8	99->	LX488				KL583 (Plus) KL72 <sup>(1)</sup>		LA8 <sup>(3)</sup>			





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			1°	2°	1°	2°	1°	2°				
<b>CITROEN</b>												
Berlingo	1.8D A9A	10/96- >12/02			OC100 OC505 PLUS					LA8 <sup>(3)</sup>		
Berlingo	1.8D DW8	08/98- >12/02			OC100 OC505 PLUS					LA8 <sup>(3)</sup>		
Berlingo	1.8i LFZ (XU7P)	12/97- >12/02	LX488		OC100 OC505 PLUS					LA8 <sup>(3)</sup>		
Berlingo	TU5JP4 NFU 1.6 16V	10/00- >10/02	LX795							LA8		
Berlingo		->98	LX488				KL60			LA8		
Berlingo		2010->								LA184		
Berlingo MultSpace GLX	TU5JP4 1.6 16V 110CV	01/05->			OX339/2D ECO		KL583 (Plus)			LA8		
BX		94->					KL60			X		
BX 14	K1H (TU3A)	01/89- >12/89			OC100 OC505 PLUS					X		
BX 14	KDY (TU3M)	01/89- >02/93			OC100 OC505 PLUS					X		
BX 14		7/88- >10/91					KL222 KL63			X		
BX 14 Txi		10/92- >06/94					KL60			X		
BX 14i		91->					KL60			X		
BX 15i		01/86- >12/93			OC100 OC505 PLUS					X		
BX 16	171D	07/85- >02/93			OC100 OC505 PLUS					X		
BX 16	180Z	03/86- >02/93			OC100 OC505 PLUS					LA8 <sup>(3)</sup>		
BX 16	B1E (XU51C)	09/87- >02/93			OC100 OC505 PLUS					X		
BX 16		10/92- >06/94					KL60			X		
BX 16		08/83- >09/92					KL222 KL63			X		
BX 16i - 16V		86->93					KL60			X		
BX 19 Break	DDZ (XU9M)	06/88->			OC100 OC505 PLUS					LA8 <sup>(3)</sup>		
BX 19 Break	DKZ (XU9JA)	06/88->			OC100 OC505 PLUS					LA8 <sup>(3)</sup>		
BX 19 GTi 16V	D6C (XU9J4)	09/87- >12/88			OC100 OC505 PLUS					LA8 <sup>(3)</sup>		
BX 19 GTi 16V	DFW (XU9J4)	03/88- >02/93			OC100 OC505 PLUS					LA8 <sup>(3)</sup>		
BX 19 Gti 4X4 / Tri		06/86- >05/93					KL60			X		
BX 19i	16V	86->93					KL60			X		
BX Gti	16V	10/87- >06/92					KL60			X		
C 15	1.8D (VD) 161A (XUD7)	07/86- >12/97			OC100 OC505 PLUS					X		
C2	1.1i - TU1JP	09/03->			OX193D					LA138		
C2	1.4i - TU3JP	09/03->			OX193D					LA138		
C2	1.6i - TU5JP	09/03->			OX193D					LA138		
C3	1.1i - KFX (TU1JP)	02/02->			OX193D					LA138		
C3	1.4 8V Flex	06->			OX339/2D ECO		KL416			LA138		





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			1°	2°	1°	2°	1°	2°			
<b>CITROEN</b>											
C3	1.4i - KFV (TU3JP)	02/02->			OX193D				LA138		
C3	1.6i - NFU (TU5JP4)	02/02->			OX193D				LA138		
C3 Picasso (Modelo Novo)	1.5 8V Flex	13->	LX1287		OX339/2D ECO	KL583 (Plus)			LA109 9S		
C3 Picasso (Modelo Novo)	1.6 16V Flex	12->	LX1287		OX339/2D ECO	KL583 (Plus)			LA138		
C3 (Modelo Novo)	1.5 8V Flex TU4M	13->	LX1287		OX339/2D ECO	KL583 (Plus)			LA109 9S		
C3 (Modelo Novo)	1.6 16V Flex	13->	LX1287		OX339/2D ECO	KL583 (Plus)			LA138		
C3 (Pluriel/XTR Exclusive/GLX)	1.6 16V Flex		LX1287		OX339/2D ECO	KL583 (Plus)			LA138		
C3 (Pluriel/XTR)	1.4 8V TU3JP	01/03->	LX1287		OX339/2D ECO	KL583 (Plus)			LA138		
C3 (Pluriel/XTR)	1.6 16V TU5JP4	01/02->	LX1287		OX339/2D ECO	KL583 (Plus)			LA138		
C3 (Pluriel/XTR/Exclusive/GLX)	1.4 8V Flex TU3JP	01/07->	LX1287		OX339/2D ECO	KL583 (Plus)			LA138		
C4 Picasso	2.0L 16V	2008->							LA428/ S		
C4 (Pallas)	2.0 16V	08/07->	LX1765		OX339/2D ECO	KL583 (Plus)			LA138		
C4 (VTR)	2.0 16V EW10J4S	01/07->	LX1765		OX339/2D ECO	KL583 (Plus)			LA138		
C5	3.0L 24V DOHC L4	01/01->	LX572		OC100 OC505 PLUS						
C5 (EXCLUSIVE) Aut.	3.0 V6 24V (ES9A)	2005->							LA103 3		
C5 (EXCLUSIVE/BREAK/ TOURER) Aut./Mec.	2.0i 16V (EW10A)	2005->							LA103 3		
C6 (EXCLUSIVE) Aut.	3.0 V6 24V (ES9A)	06->08							LA103 3		
C8 Mec.	3.0 V6 (ES9J4S)	2002->							LA105 7		
C8 (EXCLUSIVE) Aut.	2.0L 16v (EW10J4)		LX572		OC100 OC505 PLUS				LA105 7		
CX	2.0i/2.2	84->92	LX290						X		
CX Break	2.0 829 A5	08/84- >08/86	LX290		OC100 OC505 PLUS				X		
CX Gti	2.4	06/82->				KL60			X		
CX RE	2.0 829 A5	08/85- 12/92	LX290		OC100 OC505 PLUS				X		
CX TRS	2.2 J6T A500	07/85- >12/92	LX290		OC100 OC505 PLUS				X		
Evasion	2.0 HDI DIESEL	1999->				KX446D					
Evasion (Synergie)	2.0 16V PFV (XU10J4R)	05/98- >09/00			OC100 OC505 PLUS				X		
Evasion (Synergie)	2.0 RFU (XU10J2/C)	06/94- >07/00	LX572		OC100 OC505 PLUS	KL2			X		
Evasion (Synergie)	2.0 Turbo RGX (XU10J2TE)	06/94- >07/00	LX572		OC100 OC505 PLUS	KL2			X		
Felin./Tech.		01/05->	LX643 LX645/1 (alto)		OX339/2D ECO	KL583 (Plus)					
Grand C4	2.0L 16V	2008->							LA428/ S		
Jumper	2.5	03/02->			OC503	KC18			LA123		
Jumper	2.5 - T9A (DJ5)	08/94- >03/02	LX478/1								
Jumper	2.5 D (CAV)	12/96- >03/02			OC503	KX23			LA123		
Jumper	2.8 HDI	01/00->	LX611						LA123		
JUMPER	2.8 HDI	01/05->				KX208D			LA123		




(1) Tipo Exportação

(2) Opcional

(3) Com Ar

(4) Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>CITROEN</b>											
Jumper HDi 145 / 155 / 165	Diesel	07/10->			OC613						
Jumper I (Realy) - (Bosch)	1.9D D9B (XUD9)	02/94-> >03/02	LX478/1		OC100 OC505 PLUS	KC18		LA123			
Jumper I (Realy) - (CAV)	1.9D D9B (XUD9)	07/99-> >03/02			OC100 OC505 PLUS	KX23		LA123			
Jumper TD	2.5 TD	94->00			OC503	KX23		LA123			
Jumper (FURGÃO/MINI BUS/ VETRATO) Mecânico	2.3 8V HDI DIESEL	2009->			OC1222						
Jumper (Relay)	2.5 - T9A	02/94-> >03/02	LX478/1		OC503	KX23		LA123			
Jumper (Relay)	2.5 D (Bosch)	12/96-> >03/02	LX611		OC248	KC18		LA123			
Jumper (Relay)	2.5 HDI	02/02->	LX611		OC248	KC18		LA123			
Jumper (Relay)	2.5 TD - T8A(DJ5T)	08/94-> >12/00	LX611		OC503	KX23		LA123			
Jumper (Relay)	2.5 TDI - THX, THZ(DJ5TED)	11/96-> >12/00	LX611		OC248	KC18		LA123			
Pres./Tech		01/01->	LX643 LX645/1 (alto)		OX339/2D ECO		KL583 (Plus)				
Relay 270S TD	1.9 Turbo Diesel	94->				KX23					
Relay 320L		94->			OC503	KX23					
Relay 320L TD		94->			OC503						
Saxo	1.1i HDZ (TU1M)	05/96-> >06/00			OX193D			X			
Saxo	1.1i TU1M	01/01->			OX193D			X			
Saxo	1.4i KFW, KFX (TU3JP)	07/00->			OX193D			X			
Saxo	1.4i TU3JP	01/01->			OX193D			X			
Saxo	1.6i NFZ (TU5JP)	07/00->			OX193D			X			
Synergie	2.0 Turbo	95->				KL2					
VISA	1.0	09/85-> >05/87			OC235 OC506 PLUS	KL222 KL63		X			
VISA	1.2	08/81-> >06/82			OC235 OC506 PLUS	KL222 KL63		X			
VISA	1.4	08/81-> >06/82			OC235 OC506 PLUS	KL222 KL63		X			
VISA	1.6 Gti 180A (XU5J)	01/85-> >06/86			OC100 OC505 PLUS	KL60		X			
VISA 11E/11RE		10/80-> >05/87			OC235 OC506 PLUS	KL222 KL63		X			
Xantia	1.8i	04/97->	LX488		OC100 OC505 PLUS			LA8 <sup>(3)</sup>			
Xantia	1.9 Diesel	07/93-> >10/96						LA8			
Xantia	1.9 Turbo Diesel	07/93->						LA8			
Xantia	2.0i Turbo	95-> >06/96				KL60		LA8			
Xantia	3.0 24V ES9 J4	01/97->	LX572		OC100 OC505 PLUS			LA8 <sup>(3)</sup>			
Xantia		94->	LX488			KL72		LA8 <sup>(3)</sup>			
Xantia		09/97->						LA8			
Xantia	2.1 12V turbo diesel	06/97->						LA8			
Xantia/Furio ZX		94->	LX488			KL583 (Plus) KL72 <sup>(1)</sup>		LA8 <sup>(3)</sup>			
XM	2.0 R2A (XU102C)	05/89-> >04/94			OC100 OC505 PLUS			X			
XM	2.0 Turbo RGX (XU10J2TE)	05/94-> >12/00			OC100 OC505 PLUS	KL2		X			
XM	2.0i 16V PFV (XU10J4R)	05/94-> >12/00			OC100 OC505 PLUS	KL2		X			





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR							HIDRÁULICO / HYDRAULIC	OUTROS / OTHER
			1°	2°	1°	2°				
<b>CITROEN</b>										
XM	2.0i RFZ (XU10J2)	05/89->12/00			OC100 OC505 PLUS		KL2		X	
XM	2.0i Turbo RGY (XU10J2TE/Z)	02/92->12/00			OC100 OC505 PLUS		KL2		X	
XM V6 Exclusive	3.0	92->					KL2		X	
Xsara	1.4i KFW, KFX (TU3JP)	07/00->09/00			OX193D				LA8	
Xsara	1.4i TU3JP	01/01->			OX193D				LA8	
Xsara	1.6i	09/00->			OX193D				LA887	
Xsara	1.6i NFZ (TU5JP)	10/97->09/00			OC100 OC505 PLUS				LA8 <sup>(3)</sup>	
Xsara	1.6L TU5JP/P4	00->			OX193D				LA887	
Xsara	1.8	->98	LX488				KL60		LA887	
Xsara	1.8 16V	98->	LX744				KL583 (Plus) KL72 <sup>(1)</sup>		LA887	
Xsara	1.9 Turbo Diesel	11/97->							LA8	
Xsara	2.0 16V RFS (XU10J4RS)	01/97->12/00	LX643 LX645/1 (alto)		OC100 OC505 PLUS		KL416/1 KL72 KL583 (Plus)		LA887	
Xsara	NFU	10/00->	LX643 LX645/1 (alto)						LA887	
Xsara Exclusive (Aut./Mec.)	1.6 16V TU5JP4	01/01->12/01	LX643		OX339/2D ECO OX193D		KL583 (Plus)		LA887	
Xsara GLX (Aut./Mec.)	1.6 16V TU5JP4	01/01->12/01	LX643		OX339/2D ECO OX193D		KL583 (Plus)		LA887	
Xsara Picasso	1.6 16V Flex	06->	LX643 LX645/1 (alto)						LA153	
Xsara Picasso	1.6i NFZ (TU5JP)	12/99->	LX643 LX645/1 (alto)		OC100 OC505 PLUS				LA153	
Xsara Picasso	1.6i TU5JP	01/00->	LX643		OX193D		KL583 (Plus) KL72 <sup>(1)</sup>		LA153	
Xsara Picasso	2.0 16V DOHC L4		LX643 LX645/1 (alto)		OC100 OC505 PLUS		KL583 (Plus) KL72 <sup>(1)</sup>		LA153	
Xsara Picasso (Brasil/Etoile/GLX)	2.0L EW10J4	01/01->	LX643		OC100 OC505 PLUS		KL583 (Plus)		LA153	
Xsara Picasso (Brasil/Etoile/GLX/Autom.)	2.0 16v XU10J4R	01/01->	LX643		OC100 OC505 PLUS		KL583 (Plus)		LA153	
Xsara Picasso (Exclusive/GLX)	1.6 16V Flex TU5JP4	01/05->	LX643		OX339/2D ECO		KL583 (Plus)		LA153	
Xsara VTS	1.6 16V TU5JP4	01/01->12/02	LX643		OX339/2D ECO OX193D		KL583 (Plus)		LA887	
Xsara XS	1.8 16V LFY (XU7JP4)	10/97->09/00	LX744		OC100 OC505 PLUS				LA887	
Xsara (Break/GLX/Exclusive)	1.6 16V TU5JP4	01/01->12/03	LX643		OX339/2D ECO OX193D		KL583 (Plus)		LA887	
XTR	TU5JP4	01/06->			OX339/2D ECO					
ZX	1.8	93->96	LX488				KL60		X	
ZX	2.0i (N2) RFX (XU10J2)	07/92->10/97	LX488				KL60		X	
ZX Coupe	2.0 16V	92->	LX488				KL60		X	
ZX Reflex	1.4/ 1.6	01/92->02/96			OC100 OC505 PLUS		KL60		X	





<sup>(1)</sup> Tipo Exportação

<sup>(2)</sup> Opcional

<sup>(3)</sup> Com Ar

<sup>(4)</sup> Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR									HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°				
<b>CLARK</b>												
110	Cummins JT6 C175				OX198D OX218D		KC133		X			
125 Articulada	Scania		LX273	LXS44/1	OC18		KX24		X			
125/125 Articulada	Cummins N855C		LX271/2	LXS43/1	OX198D OX218D				X			
125/125A II/125A III	Cummins C160/175/200				OX198D OX218D		KC133		X			
175A/175B/175A II/175A III	Cummins V8R 240		LX760	LXS299	OX198D OX218D		KC133		X			
275A/275B/275A II/275A III/- 280/280 II/280 III	Cummins NT855 C 310		LX760	LXS299	OX198D OX218D		KC133		X			
310/375A/380A III	Cummins NT855 C 380		LX760	LXS299	OX198D OX218D		KC133		X			
380	Cummins NT855 C 310		LX760	LXS299	OX198D OX218D		KC133		X			
380/380 III	Cummins NVH 12				OX198D OX218D		KC133		X			
45C	MB OM352				OX197D		KX43		X			
45C, 55C Serie 18000	MB OM352				OX197D		KX43		X			
475 B	Detroit 4-6 cil				OX198D OX218D				X			
475 III	Cummins VTA 1710C		LX760	LXS299	OX198D OX218D				X			
55 Articulada, 65R, 75III, 75HD	MB OM392	->84	LX243	LXS37/1	OX199D		KX43 KX35		X			
55C Turbo	Cummins NH		LX227	LXS42/1					X			
714	MB OM352		LX243				KX43 KX35		X			
720	MB OM352A		LX265	LXS37/1	OX197D		KX43 KX35		X			
75	MB OM352	78->79	LX243	LXS37/1	OX30D		KX43		X			
75	Perkins 6.357				OX200D		KX23		X			
75III, 75HD	MB OM352				OX197D		KX43		X			
85A/85A II/85A III	Cummins JN130				OX198D OX218D				X			
A25	Cummins 6CTAA 8.3		LX271/2	LXS43/1	OC319		KC6D		X			WFC2- REFRIG.
BOB CAT 6661248, CLARK 276616, DONALDSON P164375									X	HC101		
C300	GM 3-53				OX18D		KX23		X			
C300Y, 40, 50, 60D	Perkins 4203 (68 HP)				OX18D		KX23 KX23		X			
C300, HY40, HY50, HY60	GM 4151		LX902/1		OC301				X	HX51D		
C300, HY40, HY50, HY60	Perkins 3152				OX18D		KX23		X			
C500	HY-40/55				OX18D		KX23		X			
C500-40, 55	GM 4153				OC301				X			
C500Y, 110, 135, 155D	Perkins 4236				OC324		KX23 KX23		X			
C500, HY500	Perkins				OC324		KX23 KX23		X			
CFY20, CFY25	GM 4.153				OC301				X			
CFY25-B					OC301				X			
CFY60, 70, 80, 100, 120, 140	GM 6250				OC114				X			
CHY100-B					OC114				X			
CLARK 965899, FIAT ALLIS 85802793, DYNAPAC 196446, DONALDSON P165705									X	HC108		
Guindastes 714	MB OM352	->82	LX243	LXS37/1	OX85D		KX23		X			
L90	Cummins 6BT 5.9		LX227	LXS42/1	OC320		KC107		X			WFC2- REFRIG.
Pá Carregadeira 35R	Perkins 4.203				OX18D		KX23		X			





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>CLARK</b>											
TRANSMISSÃO CLARK 247050, VOLVO 234099, CASE E158745, FIAT 73118171									X	HC109	
TRANSMISSÃO CLARK, CLARK 247052									X	HC110	
<b>COMPAIR</b>											
C110-9	DEUTZ AG-BF4M2012EC		LX3605						X		
C190TS-10 / C200TS-10 / C220TS-10	CUMMINS 6BTAA5.9	2001	LX3605						X		
C200TS-24/ C210TS-21 / C230TS-17	CUMMINS QSB6.7	2010	LX3605						X		
CR175	Perkins 4236		LX236	LXS41/1			KX23		X		
CR/ CV/ CVR 175, 175 S/SS	Perkins 4236		LX265	LXS37/1	OC324		KX23		X		
CU250, CR275, CR400, CU400	Perkins 6357						KX23		X		
DS20			LX3686								
R30, R40, R60, R75	Perkins 4282						KX23		X		
<b>CUMMINS</b>											
6B 5.9/ 6BT 5.9/ 6BTA 5.9					OC320		KC107		X		WFC2- REFRIG.
6C 8.3/ 6CT 8.3/ 6CTA 8.3					OC319		KC107 KC24		X		WFC2- REFRIG.
855 C 370 (Aplicação Industrial)			LX760	LXS299	OX198D OX218D		KC133		X		
855 P 400 (Aplicação Industrial)			LX760	LXS299	OX198D OX218D		KC133		X		
855 / NTTA 855 (Aplicação Indus- trial)			LX760	LXS299	OX198D OX218D		KC133		X		
BRASTOFT - Série 7000 Brastoft/ Case (Maquinaria de obras públi- cas) Modelo 7000 Brastoft/Case	Cummins L10	1995- >1999	LX760	LXS299	OC304				X	HC4	
BRASTOFT - Série 7000 Brastoft/ Case (Maquinaria de obras públi- cas) Modelo Brastoft 7000	Cummins L10	1995- >2000	LX760	LXS299					X	HC4	
BRASTOFT - Série 7700 Brastoft/ Case (Maquinaria de obras públi- cas) Modelo 7700 Brastoft/Case	Cummins L10	2000->	LX760	LXS299	OC304				X	HC4	
BRASTOFT - Série Austoft (Maquinaria de obras públicas) Modelo Austoft	Cummins	1995- >1996	LX760	LXS299					X	HC4	
H743/NH743 C 180					OX198D OX218D				X		WFC1- REFRIG.
HRF 6					OX198D OX218D		KC133		X		WFC1- REFRIG.
HS 743-B 240-NS 743-C 240-P 240					OX198D OX218D		KC133		X		
KTA 600					OX198D OX218D		KC133		X		
NH 743 C 220								LA138			WFC1- REFRIG.
NH 743 P 220					OX198D OX218D			LA138			
NH743-C180/NH743-P220					OX198D OX218D				X		WFC1- REFRIG.
NT 855					OX198D OX218D		KC133		X		WFC3- REFRIG.
NT 855 C160					OX198D OX218D				X		WFC1- REFRIG.
NT 855 C250					OX198D OX218D			KC133	X		WFC1- REFRIG.
NT 855 C270 C355 C340					OX198D OX218D		KC133		X		WFC3- REFRIG.
NT 855 C370		61->73					KC133		X		
NTA 855 ML									X		WFC3- REFRIG.
NTA 855 ML									X		WFC3- REFRIG.
NTA 855 P400					OX198D OX218D		KX92D		X		WFC1- REFRIG.





(1) Tipo Exportação

(2) Opcional

(3) Com Ar

(4) Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>CUMMINS</b>											
NTA 855/ NTTA 855					OX198D OX218D	KC133			X		
V6 140-V8 185-V504					OX198D OX218D				X		WFC1- REFRIG.
V8 210 - 1ª série					OX218D				X		
V903					OX198D OX218D	KC133			X		
VT903					OX198D OX218D	KX92D			X		
VTA 1710					OX198D OX218D	KC133			X		
<b>DAEWOO</b>											
Espero	2.0 MPFI	97->			OC90 OC504 PLUS				X		
Espero	CDI 1.8 8V/CDXI 2.0 8V/GLXI 1.5 16V	05/95->			OC90 OC504 PLUS				X		
Espero	STD/DLX	94->96			OC90 OC504 PLUS				X		
Lanos	1.4 S/SE 4cil./1.6SX	97->			OC90 OC504 PLUS	KL582 (Plus) KL83 <sup>(1)</sup>			X		
Lanos		98->			OC90 OC504 PLUS				X		
Leganza	2.0 SX/CDX 4cil	97->			OC90 OC504 PLUS	KL582 (Plus) KL83 <sup>(1)</sup>			X		
Leganza		98->			OC90 OC504 PLUS				X		
Matiz	796cc.3cil				OC90 OC504 PLUS				X		
Nexia	GLi 1.5 8V/GLXi 1.5 16V	05/95->			OC90 OC504 PLUS				X		
Nubira	1.6 SE/ 2.0CDX 4cil.	97->			OC90 OC504 PLUS	KL582 (Plus) KL83 <sup>(1)</sup>			X		
Prince /Super Saloon		94->			OC317 OC504 PLUS				X		
<b>DAIHATSU</b>											
Applause	1.6 A101 4cil.16V	1/90- >11/94			OC534				X		
Applause		94->			OC534				X		
Charade	1.0 G100	87->93			OC534				X		
Charade	1.0 G100 3cil	01/87- >12/92			OC534				X		
Charade	1.0 G100turbo	01/87- >12/90			OC534				X		
Charade	1.0 G100turbo 12V GT Ti	05/87- >93			OC534				X		
Charade	1.3 G102 16V	05/89- >91			OC534				X		
Charade	1.3 G200 16V	93->00			OC534				X		
Charade	1.3 G200 16V	96->01			OC534				X		
Charade	1.5 G203	10/94- >01			OC534				X		
Charade	1.6 G112	92->00			OC534				X		
Charade	1.6 G201 16V	08/93- >12/96			OC534				X		
Charade	1.6 G201 Gti 16V	04/97->			OC534				X		





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>DAIHATSU</b>											
Charade		94->								X	
Charmant	4K 1.3LC (A35)	11/81->07/87								X	
Cuore	3Cil 800cc	95->								X	
Cuore	L510	06/97->								X	
Domino	L80	11/86->12/88	LX157								
Feroza / Sportrack (F300)	1.6i	01/88->								X	
Feroza / Sportrack (F300) - SX (4X4)	16V Gasolina									X	
Grand Move	16V Gasolina	03/93->								X	
Grand Move		98->								X	
Hi-Jet	1221cc Diesel	10/95->								X	
Hi-Jet	S85	07/93->95	LX1066							X	
Mira	847cc	02/93->10/95								X	
Move Plus		03/93->								X	
S85 Van		92->7/94	LX1066							X	
Terios		98->								X	
<b>DEMAG BAGGER</b>											
DF Série - Modelo DF100C / 100P	Deutz F4L912	74->	LX236							X	HC4
DF Série - Modelo DF120C / 120P	Deutz F6L912	74->	LX236							X	HC4
DF Série - Modelo DF80P	Deutz F3L912									X	HC4
<b>DENSO</b>											
Sistema Denso - Ônibus Rodoviário										LA690	
Sistema Denso - Ônibus Rodoviário										LA689	
Sistema Denso - Ônibus Rodoviário (Fresh Air)										LA694	
Sistema Denso - Ônibus Rodoviário (Fresh Air)										LA691	
<b>DEUTZ</b>											
2013-Série: BF4M 2013		01/00->								X	
2015-Série: TCD 2015 V8 4V										X	
AG1996; F3M1008			LX3686								
AX 160			LX265	LXS37/1						X	
AX 160-S Turbo	BF6L 913 T	01/79->	LX265	LXS37/1						X	
AX 4140 Tração Dupla	BF6L 913 T	->12/83	LX265	LXS37/1						X	
AX 4160	BF6L 913	->12/83	LX265							X	
AX 5125 Tração Simple e Dupla	F6L 913		LX265	LXS37/1	OC60					X	
AX 5145 Tração Dupla	BF6L 913		LX265	LXS37/1	OC60	KC113				X	
Colheitadeira Optima E	BF6L 913		LX265	LXS37/1		KC113				X	
DI75, DR75, DI750, DR750, DM75, DM90						KX44				X	
DL50, DR50, DM90	Deutz AF3 /41912					OC26	KC113			X	





(1) Tipo Exportação

(2) Opcional

(3) Com Ar

(4) Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>DEUTZ</b>											
DM40, 55	Deutz AF2 /3L514							KX44	X		
DX 160	BF6L 913	->12/83	LX265	LXS37/1					X		
M 2385	F6L 912	01/82->	LX265	LXS37/1				KC113	X		
<b>DIMEX</b>											
Série D: D1622	Cummins 6CTAA 8.3 T	01/98->								HX40	
<b>DODGE</b>											
Journey	2.7L V6 24V Gasolina	08->					OC1239			LA569	
RAM 2500 (CE/CD/CS/SLT)	5.9 V6 24V TURBO DIESEL	2005->2010						KX447D			
<b>DYNAPAC</b>											
C40, CA40, CC40	Deutz F4L912 4 Cil.						OC26	KC113	X		
C40, CA40, CC40	Deutz F4L912 6 Cil.						OC60	KC113	X		
CA15, 15A, 15P	MWM D225/4		LX243	LXS37/1			OC26	KX43 KX35	X		
CA15, 15A, 15P	Perkins 4236		LX236	LXS41/1			OC121	KX23 KX23	X		
CA25II	MB OM352						OX197D	KX43	X		
CA25II	Perkins 6354-4						OC308	KX23 KX23	X		
CA25P, 25DP	CAT 3208							KC114	X		
CA25, 25A, 25D, 25DP, 24, 25S	MB OM352	79->	LX265	LXS37/1			OX197D	KX43 KX35	X		
CA25, 25A, 25D, 25DP, 25S	MB OM352	->78	LX265	LXS37/1			OX30D	KX43 KX35	X		
CA25, 25A, 25D, 25DP, 25S, CC43	Detroit 4.53N	77->79	LX227	LXS42/1					X		
CA35	MB OM352A			LXS43/1			OX197D	KX43	X		
CA35P, 35DP	CAT		LX265						X		
CA40, CC40	Deutz F4L912, F6L912						OC60	KC113	X		
CC21	Perkins 4236		LX236	LXS41/1			OC324	KX23	X	HX57D	
CC30	Perkins		LX236	LXS41/1			OC324	KX23 KX23	X		
CC43	CAT3208	81->						KC114	X		
CC43	MB OM352	->80	LX243				OX197D	KX43 KX35	X		
CC43, CC53	MB OM352A		LX243	LXS37/1			OX197D	KX43 KX35	X		
CF33	Deutz							KX44	X		
CF44, CH44, CH46, CFB66, CHB66	OM D225/4						OC26	KX43 KX35	X		
CFB66	Deutz AGL1014							KX44	X		
CG14	Perkins 3152							KX23	X		
CH44, CHB66, CF44, CFB66	MWM D225/4						OC26	KX43 KX35	X		
CP15	Perkins 4236		LX236	LXS41/1				KX23	X		
CP21	Perkins 4236		LX236	LXS41/1			OC308	KX23	X		
CP22	MB OM314	83->	LX200 LX200/1	LXS40/1			OX199D	KX43 KX35	X		
CP27	Perkins 6354						OX30D	KX23	X		
CP27/A/B	MB OM352	->78	LX265	LXS37/1				KX43 KX35	X		





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<b>DYNAPAC</b>											
CP27/A/B	MB OM352	79->	LX265	LXS37/1	OX197D		KX23		X		
CT20, CT20S	Cummins N855C		LX271/2	LXS42/1	OX198D OX218D		KC133		X	HX57D	WFC1-REFRIG.
CT25	Cummins 6CT83		LX271/2	LXS42/1			KC107 KC24		X		WFC2-REFRIG.
CT25	Detroit 6V53N	77->79		LXS43/1	OC18		KC113		X		
Dynapac 928656									X	HC81	
TR25	Scania D11		LX271/2	LXS42/1	OC18		KC24 KC6D		X	HX57D	
<b>EATON YALE</b>											
134A	MB OM321						KX44		X		
134A	MB OM352	->82	LX265	LXS37/1	OX85D		KX43 KX35		X		
134A	Perkins 6357		LX265	LXS37/1			KX23		X		
13A	MB OM 352	83->	LX265	LXS37/1	OX199D		KX43 KX35		X		
1500 BK	Perkins 6357				OX200D		KX23		X		
1500 BM	MB OM352	->82	LX265	LXS37/1	OX85D		KX43 KX35		X		
1500 BM	MB OM352	83->	LX265	LXS37/1	OX199D		KX43 KX35		X		
1900 BK	Perkins 6357	80->	LX265	LXS37/1			KX23		X		
1900 BM	MB OM352 Ind.	80->	LX265	LXS37/1	OX197D		KX43		X		
1900 BM	MB OM352 Ind.	->82	LX265	LXS37/1	OX85D		KX43		X		HX51D-TRANS.
1900 BM	MB OM352 Veic.	->78	LX265	LXS37/1	OX30D		KX43		X		HX51D-TRANS.
1900 BM	MB OM352 Veic. Ind.	->80	LX265	LXS37/1	OX30D		KX43		X		HX51D-TRANS.
250A, 250B	Perkins 6357		LX265	LXS37/1	OX200D		KX23		X		
3000	Cummins		LX760	LXS299	OX198D OX218D				X		WFC1-REFRIG.
3000B	Scania D11		LX241				KX44		X		
3000P	Perkins V8-510						KX23		X		
4000/4000B/6000	Cummins NT855		LX760	LXS299	OX198D OX218D				X		
D51C, D51P, D83P	Perkins 4203	->74			OX18D		KX23		X		
D51C, D51P, D83P	Perkins 4203	74->			OC38		KX23		X		
G51C, G51P	Willys				OX214D				X		
G83P-040, VMS99	G 4.151 Serie 2396				OC301				X		
G83P-050	G 4.151 Serie 2516				OC301				X		
G83P, G87P	GM 6230	->74	LX902/1		OC114				X		
G83P, G87P	GM 6.230	75->			OC114				X		
Trojan-Série - 3000	MWM						KX36		X		
<b>EL DETALLE</b>											
Série AO: AO105/6.05	Cummins 6CTAA 8.3	01/98->								HX40	
Série AO: OA105/5.05	Cummins 6CTAA 8.3	01/98->								HX40	
<b>ENGESA</b>											
EE11-III Anfíbio	Detroit 6V53		LX271/2	LXS43/1					X	OC26	





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<b>ENGESA</b>											
EE1124	Cummins N855C		LX227	LXS42/1	OX198D OX218D		KC133		X		WFC1-REFRIG.
EE1128	Cummins NT855C				OX198D OX218D		KC133		X		WFC1-REFRIG.
EE15	MB OM352	->78	LX265	LXS37/1	OX30D		KX43 KX35		X	HX15	
EE25	MB OM352, 352A	78->79		LXS37/1	OX197D		KX43		X		
EE25, EE15	MB OM 352	79->	LX265	LXS37/1	OX197D		KX43 KX35		X	HX15	
EE312	Cummins NT855 C 240				OX198D OX218D		KC133		X		WFC1-REFRIG.
EE4, EE12 Caminhão militar	Perkins Q20B4		LX200 LX200/1	LXS40/1					X		
EE50	Scania D11		LX271/2	LXS43/1			KC24		X		HX15
EE510	MWM D225/1		LX265	LXS37/1	OC60		KX43 KX35		X		
EE510	MWM D229/6		LX265	LXS37/1	OC60		KX43 KX35		X		
EE510, 510K	MWM D229/3		LX265	LXS37/1	OC26		KX43 KX35		X		
EE9-II, EE9-III, EE10, EE11-II; Carros blindados	MB OM352, 352A	79->	LX265	LXS37/1	OX197D		KX43 KX35		X	HX15	
EE9-IV	Detroit 6V53	79	LX271/2	LXS43/1					X	OC26	
EE923	Cummins 6CTA 83			LXS43/1	OC319		KC107 KC24		X		WFC2-REFRIG.
Jeep EE4, EE12	GM 151 Álcool ou Gasolina	87	LX275	LXS5/1	OC301		KL63 KL222 <sup>(2)</sup>		X		
<b>FERRARI</b>											
Ferrari/308/mondial8/mondial3.2							KL19				
<b>FIAT</b>											
120	8360 NAC	78->84	LX265		OC35		KC4		X		
120 - 140 - 150	D115 8360 NAC	78->84	LX265		OC35		KC4		X		
130	CP3 IMPORTADO	->77					KC4		X		
130	CP3 NAC	78->83	LX265	LXS37/1			KL222 KL63		X	HX15	
130, 140	8210 NAC	->85	LX271/2	LXS43/1	OC35		KC113		X	HX15	
130, 140	8380 NAC	78->84	LX265		OC35				X	HX15	
140	8360 NAC	78->84	LX265		OC35		KC4		X		
180 EFH-2106	8210 MP	->85			OC35				X	HX15	
190 E/F/H/210S	8210 IMPORTADO	82->85	LX265		OC35		KC4		X		
190 E/F/H/210S	8210 NAC	82->85	LX271/2	LXS43/1	OC35		KC113 KC113		X		
190 H	8210 NAC	82->	LX273		OC35		KC113 KC113		X		
500 (Lounge; Lounge Dual; Sport; Sport Dual)	1.4 16v Gas.	2009->	LX3702							LA103 1	
70	CCS NAC	63->75					KC113		X	HX15	
70 - 80 - 100	8340	78->84					KC4		X		
70 - 80 - 100	CO3 Nacional	78->84					KC113 KC113		X		
70 - 80 - 100 - 130 - 180 S	CO3 IMPORTADO 8340	78->84					KC4		X		
Alfa Romeo 2300-2300B	2300	75->81			OC324		KL63 KL222 <sup>(2)</sup>			HX15	
Alfa Romeo 2300-TI.TI.4	2300	81->			OC324		KL63 KL222 <sup>(2)</sup>			HX15	
Brava	1.6L / 1.8L 16v Gasolina	1999->2003			OC66					LA56	





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<b>FIAT</b>											
Brava	1.8/2.0	99->	LX618				KL582 (Plus) KL83 <sup>(1)</sup>		LA56		
Brava		10/95->							LA56		
Bravo	1.4L 16v T-jet	11->			OX827D		KL582 (Plus)		X		
Bravo	1.8L 16v E.TorQ Flex (Essence)	11/10->	LX3355		OX175D						
CINQUECENTO (CULT/CABRIO/ LOUGE AIR) DUALOGIC/ MECANICO	1.4 8V	2012->							LA103 1		
CINQUECENTO (CULT/CABRIO/ LOUGE AIR) DUALOGIC/ MECANICO MULTIAIR	1.4 16V	2012->							LA103 1		
CINQUECENTO (LOUNGE/ SPORT) DUALOGIC/MECANICO	1.4 16V (169A6.000)	09->12							LA103 1		
Coupe		04/94->							LA34 <sup>(3)</sup>		
Doblò Adventure	1.8	03->			OC23 OC506 PLUS						
Doblò Adventure Flex (Locker)	1.8L 8V	11/09->			OC90 OC504 PLUS		KL582 (Plus)		LA144		
Doblò ELX	Fire 1.4L 8V Flex	11/09->	LX2526		OC1028 FLEX		KL582 (Plus)		LA144		
Doblò / Doblò Cargo	1.6L 16v MPI	01/02- >12/05	LX2526		OC66 OC505 PLUS		KL582 (Plus) KL83		LA144		
Doblò / Doblò Cargo	1.8L 16v E.TorQ Flex	2010->	LX3355		OX175D		KL582 (Plus)		LA144		
Doblò / Doblò Cargo	1.8L MPI 8V Flex	01/04- >12/06	LX2526		OC90 OC504 PLUS OC1031 FLEX		KL582 (Plus)		LA144		
Doblò / Doblò Cargo	1.8L MPI 8V Flex	01/06->	LX2526		OC90 OC504 PLUS OC1031 FLEX		KL582 (Plus)		LA144		
Doblò / Doblò Cargo	Fire 1.3L 16v MPI	01/02- >12/06	LX2526		OC259 OC600		KL582 (Plus)		LA144		
Ducato	2.3 Diesel	2009->					OC1222	KX208D	LA123		
Ducato	2.5 Diesel	03/94- >03/02	LX478/1								
Ducato	2.8 JTD	01/06->						KX208D	LA123		
Ducato	2.8 JTD	02->						KX208D	LA123		
Ducato	2.8 TD	98->	LX611		OC248		KC18		LA123		
Ducato	3.0 16V JTD	07/06- >05/11			OC613						
Ducato	3.0 16V JTD 180 Multijet Power Diesel	06/11->			OC613						
Ducato 10	1.9 Diesel	98->	LX478/1						LA123		
Ducato 10	2.5 TDI	98->	LX611						LA123		
Ducato 15	2.5 TDI	98->	LX611						LA123		
Ducato 15	2.8 TDI	97->	LX611		OC248		KC18		LA123		
Ducato 8	2.5 TDI	98->	LX611						LA123		
Ducato 8/ 10 Cabinato/ Maxi14/ Van14	2.5	97->	LX611		OC248		KC18		LA123		
Ducato 94	2.5 TDI - 8140.47R	07/94- >03/02	LX611		OC248		KC18		LA123		
Elba, Premio, Uno - com injeção	1500CC/1600CC	93->	LX907		OC23 OC506 PLUS		KL239/1		X		
Euro Cargo	Iveco 8060	->04/99	LX227	LXS42/1	OC248		KC122		X	HX15	
Fiat 147 Rallye	1050CC	77->			OC23 OC506 PLUS		KL63 KL222 <sup>(2)</sup>		X		
Fiat 147, Spazio, Fiorino, Panora- ma, Pick Up, Oggi (Todos com sistema HD)	1050CC-1300CC	80->88	LX55		OC23 OC506 PLUS		KL63 KL222 <sup>(2)</sup>		X		





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<b>FIAT</b>											
Fiat 147, Spazio, Fiorino, Panorama, Pick Up, Oggi, City	1050CC-1300CC	77->87	LX157		OC23 OC506 PLUS		KL63 KL222 <sup>(2)</sup>		X		
Fiat Iveco Daily	2.8 TDI	01/98->			OC248				LA123		
Fiorino	Fire		LX907		OC259		KL582 (Plus) KL83 <sup>(1)</sup>		X		
Fiorino	Motor 1.3 MPI Fire 8V	04->	LX907		OC259		KL239/1		X		
Fiorino	Motor 1.3 MPI Fire 8V	01/03->			OC600				X		
Fiorino	MPFi	97->	LX907		OC66 OC505 PLUS		KL239/1		X		
Fiorino	MPFi HD1500	97->	LX200 LX200/1	LXS40/1	OC66 OC505 PLUS		KL239/1		X		
Fiorino Furgão	1.5i.e	->96	LX907		OC23 OC506 PLUS		KL239/1		X		
Fiorino Furgão - Álcool/Gas.	1.5 8V i.e	97->	LX907		OC66 OC505 PLUS		KL239/1		X		
Fiorino Trekking/ Working	1.5i.e	97->	LX907		OC23 OC506 PLUS		KL239/1		X		
Freemont	2.4L 16v DUAL VVT	11->			OC1239				LA569		
Grand Siena	1.4L 8V FLEX (EVO)	03/12->	LX3115		OC259 OC600 OC1028 FLEX		KL582 (Plus)		LA633 LAK63 3		
Grand Siena	1.6L 16v E.TorQ Flex	12->	LX3355		OX175D		KL582 (Plus)				
Idea	1.8L 8v MPI Flex	01/06->	LX908		OC90 OC504 PLUS OC1031 FLEX		KL582 (Plus)		LA422 LAK42 2		
Idea	Fire 1.4L 8v Flex	01/06->	LX908		OC259 OC600 OC1028 FLEX		KL582 (Plus)		LA422 LAK42 2		
Linea	1.4L 16v T-jet	11/08->	LX3701		OX827D		KL582 (Plus)		LA612 LAK61 2		
Linea (Dualogic/Absolute)	1.9L 16v Flex	11/08-> 08/10	LX2644		OC66 OC505 PLUS		KL582 (Plus)		LA612 LAK61 2		
Linea (LX/HLX/ LX Dualogic / HLX Dualogic)	1.9L 16v Flex	05/09-> 08/10	LX2644		OC66 OC505 PLUS		KL582 (Plus)		LA612 LAK61 2		
Linea (LX/HLX/Absolute)	1.8L 16v E.TorQ Flex	09/10->	LX3355				KL582 (Plus)		LA612 LAK61 2		
Marea	1.6 16V	98->06			OC66 OC505 PLUS				LA56		
Marea	1.6L 16V	98->06	LX618		OC66		KL582 (Plus) KL83 <sup>(1)</sup>		LA56		
Marea	1.8L 16V	99->07	LX618		OC66		KL582 (Plus) KL83 <sup>(1)</sup>		LA56		
Marea / Weekend	1.6L 16v	05->	LX618		OC66				LA56		
Marea / Weekend	2.0 20V	98->06	LX618		OC66 OC505 PLUS		KL582 (Plus) KL83 <sup>(1)</sup>		LA56		
Marea / Weekend	2.0 20V Turbo/Aspirado	98->06	LX618		OC66		KL582 (Plus) KL83 <sup>(1)</sup>		LA56		
Marea / Weekend	2.4 20V	00->06	LX618		OC66		KL582 (Plus) KL83 <sup>(1)</sup>		LA56		
Marea / Weekend	2.4 20V Turbo	00->06	LX618		OC66 OC505 PLUS				LA56		





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<b>FIAT</b>											
Novo Idea (Essence)	1.6L 16v E.torQ Flex	09/10->	LX3355		OX175D		KL582 (Plus)		LA422 LAK42 2		
Novo Idea (Sporting)	1.8L 16v E.torQ Flex	09/10->	LX3355		OX175D		KL582 (Plus)		LA422 LAK42 2		
Palio	1.8L 8v MPI	01/01->12/04	LX908		OC90 OC504 PLUS		KL582 (Plus)		LA422 LAK42 2		
Palio	1.8L 8v MPI Flex	01/05->	LX908		OC90 OC504 PLUS OC1030 FLEX		KL582 (Plus)		LA422 LAK42 2		
Palio	Fire 1.0L 16v MPI	01/01->12/03	LX908		OC259 OC600		KL582 (Plus)		LA422 LAK42 2		
Palio	Fire 1.0L 8v MPI	01/02->12/05	LX908		OC259 OC600		KL582 (Plus)		LA422 LAK42 2		
Palio	Fire 1.0L 8v MPI Flex	01/06->	LX908		OC259 OC600		KL582 (Plus)		LA422 LAK42 2		
Palio	Fire 1.3L 16v MPI	01/01->12/03	LX908		OC259 OC600		KL582 (Plus)		LA422 LAK42 2		
Palio	Fire 1.3L 8v MPI	01/03->12/03	LX908		OC259 OC600		KL582 (Plus)		LA422 LAK42 2		
Palio	Fire 1.3L 8v MPI Flex	01/04->12/05	LX908		OC259 OC600 OC1028 FLEX		KL582 (Plus)		LA422 LAK42 2		
Palio	Fire 1.4L 8v MPI Flex	01/06->	LX908		OC259 OC600 OC1028 FLEX		KL582 (Plus)		LA422 LAK42 2		
Palio Brasil 500	1.0 L 8V SOHC L4 gasolina	1999							LA601		
Palio Citymatic	1.0 L 8V SOHC L4 gasolina	1999->2000							LA601		
Palio ED, EDX, EL, ELX, EX (Todos)	1.0 8V, 1.5 8V, 1.6 8V e 16V (Fiasa)	96->04	LX908		OC66 OC505 PLUS		KL238D		LA499		
Palio EL Spi	1.6 L 8V SOHC L4 gasolina	1998->1999							LA601		
Palio ELX MPI	1.0 L 8V SOHC L4 gasolina	1998->2000							LA601		
Palio ELX MPI 16 V	1.6 L 16V DOHC L4 gasolina	1996->2000							LA601		
Palio El/Elx Mpi	1.5 L 8V SOHC L4 álcool	1998->2001							LA601		
Palio EX	1.0 L 8V SOHC L4 gasolina	1998->1999							LA601		
Palio EX MPI	1.0 L 8V SOHC L4 gasolina	1998->2003							LA601		
Palio Ex/Edx Mpi	1.0 L 8V SOHC L4 álcool	1998->2002							LA601		
Palio Weekeend Adventure mpi	1.6 L 16V DOHC L4 álcool	1999							LA601		
Palio Weekeend Adventure RST	1.6 L 8V DOHC L4 gasolina	1999->2003							LA601		
Palio Weekeend ELX Hitachi	1.6 L 8V SOHC L4 gasolina	1997->2000							LA601		
Palio Weekeend EX MPI	1.5 L 8V SOHC L4 gasolina	1997->1999							LA601		
Palio Weekeend MPI	1.6 L 8V SOHC L4 gasolina	1998							LA601		
Palio Weekeend Mpi 6M	1.0 L 8V SOHC L4 gasolina	1999->2000							LA601		
Palio Weekeend Sport 16V	1.6 L 16V DOHC L4 álcool	1997->1999							LA601		
Palio Weekeend Stile 16V	1.6 L 16V DOHC L4 álcool	1997->2003							LA601		
Palio Weekend	1.0 8V, 1.5 8V, 1.6 8V e 16V (Fiasa)	97->04	LX908		OC66 OC505 PLUS		KL238D		LA601		





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<b>FIAT</b>											
Palio Weekend	1.8L 8v MPI	01/03->	LX908		OC90 OC504 PLUS		KL582 (Plus)		LA422 LAK42 2		
Palio Weekend	Fire 1.0L 16v MPI	01/01- >12/03	LX908		OC259 OC600		KL582 (Plus)		LA422 LAK42 2		
Palio Weekend	Fire 1.3L 16v MPI	01/00- >12/04	LX908		OC259 OC600		KL582 (Plus)		LA422 LAK42 2		
Palio Weekend (Dualogic)	1.8L 16v E.torQ Flex	09/10->	LX3355		OX175D		KL582 (Plus)		LA422 LAK42 2		
Palio Weekend (ELX/Trekking)	Fire 1.4L 8v Flex	05/08->	LX908		OC259 OC600 OC1028 FLEX		KL582 (Plus)		LA422 LAK42 2		
Palio Weekend / Siena / Strada	1.5 Álcool	99->	LX908		OC66 OC505 PLUS		KL238D		LA601		
Palio Weekend / Siena / Strada	Fire 1.0/1.3L 8/16v	01->	LX908		OC259 OC600		KL582 (Plus)		LA422 LAK42 2		
Palio YOUNG	1.0L 8V SOHC L4 gasolina	2000- >2001							LA601		
Palio (Essence)	1.6L 16v E.torQ Flex	09/10->	LX3355		OX175D		KL582 (Plus)		LA422 LAK42 2		
Palio (Modelo Novo)	1.0L MPI 8V FLEX (EVO)	12->	LX3115		OC259 OC600 OC1028 FLEX		KL582 (Plus)				
Palio (Modelo Novo)	1.4L MPI 8V FLEX	12->	LX3115		OC259 OC600 OC1028 FLEX		KL582 (Plus)				
Palio (Modelo Novo)	1.6L 16v E.torQ Flex	12->	LX3355		OX175D		KL582 (Plus)				
Palio (Sporting)	1.8L 16v E.torQ Flex	09/10->	LX3355		OX175D		KL582 (Plus)		LA422 LAK42 2		
Palio / Palio Weekend / Siena / Strada	Fire 1.0L Flex	05->	LX908		OC259 OC600 OC1028 FLEX		KL582 (Plus)		LA422 LAK42 2		
Palio / Palio Weekend / Siena / Strada	Fire 1.3L Flex	04->05	LX908		OC259 OC600 OC1028 FLEX		KL582 (Plus)		LA422 LAK42 2		
Palio / Palio Weekend / Siena / Strada	Fire 1.3L Flex	05->	LX908		OC259 OC600 OC1028 FLEX		KL582 (Plus)		LA422 LAK42 2		
Palio / Palio Weekend / Siena / Strada	Fire 1.4L Flex	->12/06	LX908		OC259 OC600 OC1028 FLEX		KL582 (Plus)		LA422 LAK42 2		
Punto	1.4L 16v T-jet	03/09->	LX3701		OX827D		KL582 (Plus)		LA612 LAK61 2		
Punto (ELX)	Fire 1.4L 8V Flex	07/07->	LX2643		OC259 OC600 OC1028 FLEX		KL582 (Plus)		LA612 LAK61 2		
Punto (Essence)	1.6L 16v E.TorQ Flex	2010->	LX3355		OX175D		KL582 (Plus)				
Punto (Essence/Dualogic)	1.8L 16v E.TorQ Flex	2010->	LX3355		OX175D		KL582 (Plus)				
Punto (HLX/Sporting)	1.8L 8V MPI Flex	07/07- >06/10	LX2644		OC90 OC504 PLUS OC1030 FLEX		KL582 (Plus)		LA612 LAK61 2		
Siena	1.0 8V, 1.5 8V, 1.6 8V e 16V (Fiasa)	97->04	LX908		OC66 OC505 PLUS		KL238D		LA601		





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>FIAT</b>											
Siena	1.8L 8v MPI	01/03->12/04	LX908		OC90 OC504 PLUS		KL582 (Plus)		LA422 LAK42 2		
Siena	1.8L 8v MPI Flex	01/05->	LX908		OC90 OC504 PLUS OC1030 FLEX		KL582 (Plus)		LA422 LAK42 2		
Siena	Fire 1.0L 16v MPI	01/01->12/03	LX908		OC259 OC600		KL582 (Plus)		LA422 LAK42 2		
Siena	Fire 1.0L 8v MPI	01/02->12/06	LX908		OC259 OC600		KL582 (Plus)		LA422 LAK42 2		
Siena	Fire 1.0L 8v MPI Flex	01/06->	LX908		OC259 OC600 OC1028 FLEX		KL582 (Plus)		LA422 LAK42 2		
Siena	Fire 1.3L 16V MPI	01/00->12/03			OC600				LA499		
Siena	Fire 1.3L 8v MPI	01/03->12/04	LX908		OC259 OC600		KL238D		LA422 LAK42 2		
Siena	Fire 1.3L 8v MPI Flex	01/05->12/05	LX908		OC259 OC600 OC1028 FLEX		KL582 (Plus)		LA422 LAK42 2		
Siena	Fire 1.4L 8v MPI Flex	01/06->	LX908		OC259 OC600 OC1028 FLEX		KL582 (Plus)		LA422 LAK42 2		
Siena	Fire 1.4L MPI Fire Tetrafuel	01/06->			OC600				LA422 LAK42 2		
Siena ELX	1.6L 16V SPI DOHC Gasolina	1997->1999							LA601		
Siena EL/ HL	1.6L 16V DOHC Gasolina	1998->1999							LA601		
Siena Spi	1.6L 8V SOHC Gasolina	1997->1999							LA601		
Siena Sport MTV		1998							LA601		
Siena Style	1.6L 16V DOHC Gasolina	1998->1999							LA601		
Siena (Essence/Sporting)	1.8L 16v E.torQ Flex	09/10->	LX3355		OX175D		KL582 (Plus)		LA422 LAK42 2		
Stilo	1.8 8/16V	02->	LX1770		OC90 OC504 PLUS		KL582 (Plus) KL83 <sup>(1)</sup>		LA142		
Stilo	1.8L 8v MPI Flex	01/06->	LX1770		OC90 OC504 PLUS OC1031 FLEX		KL582 (Plus)		LA142		
Stilo	2.4 20V	02->06	LX1770		OC66 OC505 PLUS				LA142		
Strada	1.5 8V Álcool	00->	LX908				KL582 (Plus) KL83 <sup>(1)</sup>		LA422		
Strada	1.5 8V, 1.6 8V e 16V (Fiasa)	98->03	LX908		OC66 OC505 PLUS		KL238D		LA601		
Strada	1.5L 8v MPI	05/99->12/04	LX908		OC66 OC505 PLUS		KL238D		LA422 LAK42 2		
Strada	1.8L 16v E.torQ Flex	09/10->	LX3355		OX175D		KL582 (Plus)		LA422 LAK42 2		
Strada	1.8L 8v MPI	01/03->12/04	LX908		OC90 OC504 PLUS		KL582 (Plus)		LA422 LAK42 2		
Strada	1.8L 8v MPI Flex	01/05->	LX908		OC90 OC504 PLUS OC1030 FLEX		KL582 (Plus)		LA422 LAK42 2		





<sup>(1)</sup> Tipo Exportação

<sup>(2)</sup> Opcional

<sup>(3)</sup> Com Ar

<sup>(4)</sup> Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>FIAT</b>											
Strada	Fire 1.3L 8v MPI	01/04->	LX908		OC259 OC600	KL582 (Plus)			LA422 LAK42 2		
Strada	Fire 1.4L 8v MPI Flex	01/06->	LX908		OC259 OC600 OC1028 FLEX	KL582 (Plus)			LA422 LAK42 2		
Strada LX CE	1.6L 16V Mpi DOHC Gasolina	1998- >2001							LA601		
Strada Spi	1.5L 8V SOHC Gasolina	1998- >2001							LA601		
Strada Trekking Spi	1.6L 8V SOHC Gasolina	1999- >2000							LA601		
Strada Working	1.5L 8V SOHC Gasolina	1998- >2001							LA601		
Strada Working CE	1.6L 16V DOHC Gasolina	1998- >2002							LA601		
Tempra	2.0 16V	93->	LX961		OC23 OC506 PLUS				LA34		
Tempra	2.0 16V Injeção Eletrônica	92->	LX961		OC23 OC506 PLUS	KL239/1			LA34		
Tempra	2.0 Álcool Carburado	92->94			OC23 OC506 PLUS	KL63 KL222 <sup>(2)</sup>			LA34		
Tempra	2.0 Injeção Eletrônica	95->	LX961		OC23 OC506 PLUS	KL2			LA34		
Tempra		01/93->							LA34 <sup>(3)</sup>		
Tempra Station Wagon	2.0	95->	LX453		OC23 OC506 PLUS	KL239/1			LA34		
Tempra Turbo	2.0	95->	LX961			KL60			LA34		
Tipo	1.6 8V MPI	02/95->	LX453		OC66 OC505 PLUS	KL239/1			LA34 <sup>(3)</sup>		
Tipo	1.6 8v SPI	01/93- >01/95	LX589		OC506 PLUS	KL60 KL60/2			LA34		
Tipo	1.6 IE- Imp.	93->	LX589			KL239/1			LA34		
Tipo	2.0 16V	->94			OC506 PLUS				LA34		
Tipo	2.0i	95->	LX453		OC66 OC505 PLUS	KL239/1			LA34 <sup>(3)</sup>		
Tipo	2.0i 16V	95->	LX453		OC66 OC505 PLUS	KL239/1			LA34 <sup>(3)</sup>		
Tipo Importado	2.0i	->94	LX453		OC23 OC506 PLUS	KL60			LA34 <sup>(3)</sup>		
Uno	1.5 8V i.e	97->04	LX907		OC66 OC505 PLUS	KL239/1		X			
Uno	Fire 1.0L 8V MPI	01->	LX907		OC259 OC600	KL582 (Plus)		X			
Uno Economy	Fire 1.0L 8V MPI Flex	09->	LX907		OC259 OC600 OC1028 FLEX	KL239/1		X			
Uno Mille	1.0 8V	99->04	LX907		OC66 OC505 PLUS	KL239/1		X			
Uno Mille	Fire 1.0L 8V Flex	05->	LX907		OC259 OC600 OC1028 FLEX	KL239/1		X			
Uno Mille	Fire 1.3L 8V MPI	01/03->			OC600			X			
Uno Mille-Carburador	1000CC	90->92	LX157		OC23 OC506 PLUS	KL63 KL222 <sup>(2)</sup>		X			
Uno Mille Smart		01/00->	LX907		OC23 OC506 PLUS	KL239/1		X			





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>FIAT</b>											
UNO Novo (Way / Attractive / Vivace / Sporting)	1.0L e 1.4L 8V FLEX (EVO)	05/10->	LX3115		OC259 OC600 OC1028 FLEX	KL582 (Plus)	LA633 LAK63 3				
Uno Smart		92->	LX907		OC66 OC505 PLUS	KL239/1	X				
Uno Turbo	1.4L 8v	94->96	LX907		OC23 OC66 OC506 PLUS	KL60 KL60/2	X				
Uno, Prêmio, Elba - (Sistema HD opcional)	1300CC, 1500CC	90->91	LX200 LX200/1		OC23 OC506 PLUS	KL63 KL222	X				
Uno, Prêmio, Elba, Fiorino - 1.5R	1300CC, 1500CC	84->93	LX55		OC23 OC506 PLUS	KL63 KL222 <sup>(2)</sup>	X				
Uno, Prêmio, Elba, Mille & ELX & EP, Uno 1.6 MPI, Fiorino Injeção	1000CC, 1300CC, 1500CC	93->	LX907		OC23 OC506 PLUS	KL239/1	X				
<b>FIAT ALLIS</b>											
10-Série 14C (Esteira)	Cummins 8.3				OC304	KC6D	X				WFC1-REFRIG.
134BR	MB OM352	->82	LX243	LXS37/1	OX85D	KX43 KX35	X				
1500B, 1900B	MB OM352	->82	LX243	LXS37/1	OX85D	KX43 KX35	X				HX51D-TRANS.
1500B, 1900B	MB OM352	83->	LX243	LXS37/1	OX199D	KX43 KX35	X				HX51D-TRANS.
21B			LX760	LXS299	OX5D OX198D		X				
41B	Cummins				OX198D OX218D		X				
745/745B/745H	MB OM 352				OX5D		X				
82-93 / 82-94 / 85-90 / 88-93 / 88-94			LX3986				X				
945 / 945B	MB OM 352		LX760	LXS299	OX5D OX198D		X				WFC1-REFRIG.
AD14	Scania D11		LX265	LXS37/1		KC24 KC6D	X				
AD14-C	Cummins 6CT 8.3				OC319	KC113	X				
AD20	Fiat 947					KC4	X				
AD20	Fiat 948				OC35		X				
AD5 TRATOR DE ESTEIRA						KC4	X				
AD7B	MWM 22916				OC60	KX44	X				
AD7C	Fiat					KX23	X				
ADDB 14	Fiat 6956				OC35		X				
AD/DB14	Fiat 1700					KC4	X				
AD/DB14	Fiat 6956				OC35		X				
FE 105	MWM D229/6		LX265	LXS37/1	OC60	KX44	X				
FG70	MB OM352A		LX243	LXS37/1	OX197D	KX43 KX35	X				
FG70-BR	MB OM352		LX265	LXS37/1	OX197D	KX43 KX35	X				
FG85	Cummins 6 C 8.3				OC319	KC107	X				WFC2-REFRIG.
FG85 Motoniveladora	Cummins Serie C					KC113	X				
FG85, FG95	Fiat 836ST		LX275	LXS5/1			X				
FL14						KC4	X				
FL4, FL4C	Fiat					KX23 KX23	X				





(1) Tipo Exportação

(2) Opcional

(3) Com Ar

(4) Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>FIAT ALLIS</b>											
FL4, FL4C Pá Carregadeira de esteira	Scania D11						KX23		X		
FR10M	MB OM352A						OX197D	KX43	X		
FR10, FR12; Tratores de rodas	MB OM352	79->	LX265	LXS37/1			OX197D	KX43 KX35	X		
FR10, FR12; Tratores de rodas	MB OM352	->78	LX265	LXS37/1			OC30	KX43 KX35	X		
FR12 - HD	Mercedes-Benz		LX265	LXS37/1			OX197D	KX43 KX35	X	HX52-DIR.	
L85 / L95			LX3986						X		
Retro FH200	MWM						OC35		X		
S90	MWM D229/6						OC60	KX44	X		
S90								KX23	X		
Winner F100			LX3986						X		
<b>FORD</b>											
1215	Motor Cummins 6BTAA		LX972	LXS226			OC320		X		
1317 E (3.9)	Cummins Int. 4 ISBE	02/05->07/10	LX2533	LXS296			OC502	KC440	X		HX15-DIR. AL12- DESUM.
1317 E (3.9)	Cummins Int. 4 ISBE	08/10->	LX2533	LXS296			OC502	KC440	X		HX15-DIR. AL12- DESUM.
1317 (5.9)	Cummins 6B	09/02->	LX2533	LXS296			OC320	KC24 KC118	X		HX15-DIR. WFC2- REFRIG.
1415 (5.9)	Cummins 6BTAA	12/01->	LX2533	LXS296			OC320	KC24 KC118	X		HX15-DIR. WFC2- REFRIG.
1417 (5.9)	Cummins 6BT	04/92->08/02	LX971	LXS227			OC320	KC24 KC107 KC118	X		WFC2- REFRIG. HX15-DIR.
1417 (5.9)	Cummins 6BT	09/02->	LX2533	LXS296			OC320	KC24 KC118	X		HX15-DIR. WFC2- REFRIG.
1421 (5.9)	Cummins 6BTAA	12/99->08/02	LX971	LXS226			OC320	KC24 KC118	X		HX15-DIR. WFC2- REFRIG.
1421 (5.9)	Cummins 6BTAA	09/02->	LX2533	LXS296			OC320	KC24 KC118	X		HX15-DIR. WFC2- REFRIG.
1517 E (3.9)	Cummins Int. 4 ISBE	02/05->07/10	LX2533	LXS296			OC502	KC440	X		HX15-DIR. AL12- DESUM.
1517 E (3.9)	Cummins Int. 4 ISBE	08/10->	LX2533	LXS296			OC502	KC440	X		HX15-DIR. AL12- DESUM.
1517 (5.9)	Cummins 6BTAA	11/02->	LX2533	LXS296			OC320	KC24 KC118	X		HX15-DIR. WFC2- REFRIG.
1521 (5.9)	Cummins 6BTAA	12/01->	LX2533	LXS296			OC320	KC24 KC118	X		HX15-DIR. WFC2- REFRIG.
1617 (5.9)	Cummins 6BT	05/93->11/01	LX972	LXS226			OC320	KC24 KC107 KC118	X		HX15-DIR. WFC2- REFRIG.
1617 (5.9)	Cummins 6BT	12/01->	LX2533	LXS296			OC320	KC24 KC118	X		HX15-DIR. WFC2- REFRIG.
1621 (5.9)	Cummins 6BTAA	12/99->11/01	LX972	LXS226			OC320	KC24 KC118	X		HX15-DIR. WFC2- REFRIG.
1621 (5.9)	Cummins 6BTAA	12/01->	LX2533	LXS296			OC320	KC24 KC118	X		HX15-DIR. WFC2- REFRIG.
1717 E (3.9)	Cummins Int. 4 ISBE	02/05->07/10	LX2533	LXS296			OC502	KC440	X		HX15-DIR. AL12- DESUM.
1717 E (3.9)	Cummins Int. 4 ISBE	08/10->	LX2533	LXS296			OC502	KC440	X		HX15-DIR. AL12- DESUM.
1717 (5.9)	Cummins 6BTAA	08/02->	LX2533	LXS296			OC320	KC24 KC118	X		HX15-DIR. WFC2- REFRIG.





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>FORD</b>											
1721 (5.9)	Cummins 6BTAA	12/01->	LX2533	LXS296	OC320		KC24 KC118		X		HX15-DIR. WFC2-REFRIG.
1722 E (5.9)	Cummins Int. 6 ISBE	01/06-> 07/10	LX1716	LXS260	OC502		KC440		X		HX15-DIR. AL12-DESUM.
1722 E (5.9)	Cummins Int. 6 ISBE	08/10->	LX1716	LXS260	OC502		KC440		X		HX15-DIR. AL12-DESUM.
1722 (5.9)	Cummins 6BTAA	12/01-> 12/06	LX2533	LXS296	OC320		KC24 KC118		X		HX15-DIR. AL12-DESUM. WFC2-REFRIG.
2422 E (5.9)	Cummins Int. 6 ISBE	01/06-> 07/10	LX1716	LXS260	OC502		KC440		X		HX15-DIR. AL12-DESUM.
2422 E (5.9)	Cummins Int. 6 ISBE	08/10->	LX1716	LXS260	OC502		KC440		X		HX15-DIR. AL12-DESUM.
2428 E (5.9)	Cummins Int. 6 ISBE	01/06-> 07/10	LX1716	LXS260	OC502		KC440		X		HX15-DIR. AL12-DESUM.
2428 E (5.9)	Cummins Int. 6 ISBE	08/10->	LX1716	LXS260	OC502		KC440		X		HX15-DIR. AL12-DESUM.
2622 E (5.9)	Cummins Int. 6 ISBE	01/06-> 07/10	LX1716	LXS260	OC502		KC440		X		HX15-DIR. AL12-DESUM.
2622 E (5.9)	Cummins Int. 6 ISBE	08/10->	LX1716	LXS260	OC502		KC440		X		HX15-DIR. AL12-DESUM.
2628 E (5.9)	Cummins Int. 6 ISBE	08/10->	LX1716	LXS260	OC502		KC440		X		HX15-DIR. AL12-DESUM.
2628 E (5.9)	Cummins Int. 6 ISBE	01/06-> 07/10	LX1716	LXS260	OC502		KC440		X		HX15-DIR. AL12-DESUM.
4500, 5000	Perkins 4203	71->			OC67		KX23		X		
4600, 5600, 6600	Ford Diesel	78-84			OC324		KX23		X	HC76	
814	Cummins 4BT 3.9L	96->	LX910	LXS37/1	OC333		KC166		X		
814 (4X2)	Cummins 4BT AA		LX910	LXS37/1	OC320		KC18		X	HX15	
815	Cummins 4BT 3.9L ->150CV	00->	LX910	LXS37/1	OC333		KC18		X		
815 E (3.9)	Cummins Int. 4 ISBE	02/05-> 07/10	LX910	LXS37/1	OC502		KC440		X		HX15-DIR. AL12-DESUM.
815 E (3.9)	Cummins Int. 4 ISBE	08/10->	LX910	LXS37/1	OC502		KC440		X		HX15-DIR. AL12-DESUM.
815VUC Euroll	Cummins 4BT 3.9L 150CV	00->	LX910	LXS37/1	OC320		KC113		X	HX15	
B12000	MWM 6.10	96->	LX972	LXS226	OC35		KC24 KC24		X		
B1618	MWM 6.10	01/92-> 12/97	LX265	LXS37/1	OC35		KC24 KC6D		X	HX15	
Cargo 1113	MWM D229/6	86->	LX972	LXS226	OC60		KX43 KX35		X	HX15	
Cargo 1113, 1313, 1513	MWM D229/6	->86	LX972	LXS226	OC60		KX43 KX35		X	HX15	
Cargo 1114, 1117, 1314, 1317, 1514, 1517	Ford FTO 6.6	->86	LX972		OC334		KC113 KC113		X	HX15	
Cargo 1114, 1215, 1314, 1415, 1514, 1615; Natural aspirado	Ford FTO 6.6	86->	LX972	LXS226	OC40		KC113 KC113		X	HX15	
Cargo 1117, 1212	Ford FTO 6.6 Turbo	87->	LX972	LXS226	OC302		KC113 KC113		X	HX15	
Cargo 1117, 1218, 1317, 1418, 1517, 1518, 1618, 1618T, 1619, 2018	Ford FTO 6.6 Turbo	90->	LX972	LXS226			KC113		X		
Cargo 1215, 1415	Cummins 6BTAA (5.9)	04/92-> 11/01	LX972	LXS226	OC320		KC24 KC107 KC118		X		HX15-DIR. WFC2-REFRIG.
Cargo 1215, 1415	Ford FTO 6.6	87->93	LX972	LXS226	OC40		KC113 KC113		X	HX15	
Cargo 1215,1415,1617	Cummins 6BT 5.9L	93->	LX972	LXS226	OC320		KC107 KC113		X		WFC2-REFRIG.
Cargo 1217C	Cummins 6BT 5.9L	01/01->	LX972	LXS226			KC6D		X		WFC4-REFRIG.





(1) Tipo Exportação

(2) Opcional

(3) Com Ar

(4) Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR									HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°	1°	2°		
<b>FORD</b>												
Cargo 1217,1417,1421,1617,1621	Cummins 6BT 5.9L	02->	LX1716		OC320		KC6D	KC113	X		HX15	
Cargo 1218, 1418, 1419, 1618, 1619, 2218, 2319	Ford FTO 6.6 Turbo	87->	LX972	LXS226	OC302		KC113		X		HX15	
Cargo 1317	Cummins 6BTAA B5.9						KC6D		X			
Cargo 1317	Ford FTO 6.6 Turbo	87->	LX972	LXS226	OC302		KC113	KC113	X			
Cargo 1317E	Interact 4	05->					KC113		X			
Cargo 1319	Cummins ISB4.5 186 P7-0	12->	LX2533	LXS296	OC502							
Cargo 1415	Cummins 6BT 5.9	09/02->11/02					KC6D		X			
Cargo 1421	Cummins B5.9 TD	09/02->11/02					KC6D		X			
Cargo 1422, 1622, 2322, 2422, 2425, 3530, 4030	Cummins 6CT 8.3	99->	LX971	LXS227	OC304		KC118		X		HX15	
Cargo 1422, 1622, 2322, 2422, 3530 (6X4)	Cummins 6CT 8.3	92->	LX971	LXS227			KC107	KC24	X			WFC2-REFRIG.
Cargo 1517	Cummins 6BTAA B5.9						KC6D		X			
Cargo 1519	Cummins ISB4.5 186 P7-0	12->	LX2533	LXS296	OC502							
Cargo 1521	Cummins 6BTAA B5.9						KC6D		X			
Cargo 1521	Cummins 6BTAA B5.9						KC6D		X			
Cargo 1617	Cummins 6C 8.3	92->	LX972	LXS226			KC107	KC24	X			WFC2-REFRIG.
Cargo 1622	Cummins 6CTAA 8.3	03->	LX1056	LXS260			KC113		X		HX15	
Cargo 1622	Cummins 6CTAA 8.3	03->	LX1056	LXS260			KC113		X		HX15	WFC2-REFRIG.
Cargo 1622 (6X4)	Cummins 6CT 8.3	01/92->	LX971	LXS227	OC304		KC6D		X			WFC2-REFRIG.
Cargo 1717	Cummins 6BTAA B5.9						KC6D		X			
Cargo 1719	Cummins ISB4.5 186 P7-0	12->	LX2533	LXS296	OC502							
Cargo 1721	Cummins 6BTAA B5.9						KC6D		X			
Cargo 1721	Cummins B5.9 TD	01/02->					KC6D		X			
Cargo 1722 Max Ton	Cummins 6CTAA 8.3 3T	01/01->	LX1716	LXS260	OC304	OC1176	KC24	KC118	X		HX15	WFC3-REFRIG.
Cargo 1723	Cummins ISB6.7 226 P7	12->	LX1716	LXS260	OC502							
Cargo 1731 Max Ton	Cummins 6CTAA 8.3	01/01->	LX1716	LXS260	OC304	OC1176	KC24	KC118	X		HX15	WFC3-REFRIG.
Cargo 1933 (Rígido / Tractor)	Cummins ISL8.9 330 P7	12->	LX1716	LXS260	OC1176							
Cargo 2421 Max Truck	Cummins 6BTAA B5.9		LX1716				KC6D		X			
Cargo 2422 Max Ton	Cummins 6CTAA C8.3	11/03->	LX1716	LXS260	OC1176		KC24	KC118	X		HX15	
Cargo 2422 Max Truck	Cummins 6CTAA C8.3		LX1716				KC6D		X			
Cargo 2422E	Interact 6	06->			OC304				X			
Cargo 2423	Cummins ISB6.7 226 P7	12->	LX1716	LXS260	OC502							
Cargo 2429	Cummins ISB6.7 226 P7	12->	LX1716	LXS260	OC502							
Cargo 2622 Max Ton	Cummins 6CTAA C8.3		LX1716		OC1176		KC6D		X			
Cargo 2622E	Interact 6	06->					KC113		X			
Cargo 2623	Cummins ISB6.7 226 P7	12->			OC502							
Cargo 2626 Max Ton	Cummins 6CTAA C8.3		LX1716		OC1176		KC6D		X			
Cargo 2629	Cummins ISB6.7 226 P7	12->			OC502							
Cargo 2631 Max Ton	Cummins 6CTAA C8.3		LX1716		OC1176		KC6D		X			
Cargo 3222 Max Ton	Cummins 6CTAA C8.3		LX1716		OC1176		KC6D		X			





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°					
<b>FORD</b>											
Cargo 3224	Ford 7.8 Intercooler	89->	LX971	LXS227	OC302	KC24 KC6D			X	HX15	WFC4-REFRIG.
Cargo 3530	Cummins 6CT AA 8.3	92->	LX971	LXS227	OC304	KC107	KC24		X		WFC2-REFRIG.
Cargo 3660	Cummins 6CT AA 8.3					KC107	KC24		X		WFC2-REFRIG.
Cargo 4030	Cummins 6CT 8.3	99->	LX971	LXS227	OC304 OC1176	KC113			X	HX15	WFC4-REFRIG.
Cargo 4031 Max Ton	Cummins 6CTAA C8.3		LX1716		OC1176	KC6D			X		
Cargo 4331 Max Ton	Cummins 6CTAA C8.3		LX1716		OC1176	KC6D			X		
Cargo 4432E	ISC320	06->			OC1176	KC133			X		
Cargo 5031	Cummins 6CTAA 8.3	02->	LX1716	LXS260	OC1176				X	HX15	WFC4-REFRIG.
Cargo 814	Cummins 4BT3.9L	96->	LX910	LXS37/1	OC333	KC166			X		
Cargo 814 (4X2)	Cummins 4BT AA		LX910	LXS37/1	OC320	KC18			X	HX15	
Cargo 815	Cummins 4BT 3.9L 150CV	00->	LX910	LXS37/1	OC333	KC18			X	HX15	
Cargo 815/815VUC EuroII	Cummins 4BT 3.9L 150CV	00->	LX910	LXS37/1	OC320	KC113			X	HX15	
Cargo 816	Cummins ISB4.5 160 P7	12->	LX910	LXS231	OC502						
Corcel II, Belina II, Hobby, Del Rey, Scala, Guia, Pampa 4x2	Ford 1.6	78->83	LX905/1		OC300 OC506 PLUS	KL63 KL222			X		
Corcel / Belina II	1.6 CHT	84->88	LX64		OC300 OC506 PLUS	KL63 KL222 <sup>(2)</sup>			X		
Corcel, Belina	Ford 1.4	69->77	LX963		OC300 OC506 PLUS	KL63 KL222 <sup>(2)</sup>			X		
Courier	1.3 Endura-E	07/99->08/99	LX1598 LX687		OC266 OC506 PLUS	KL224/1			LA77		
Courier	1.3 Endura-e (todos) / 1.4 / 1.6 16V.	97->	LX1598 LX687		OC235 OC506 PLUS	KL224/1			LA77		
Courier CLX SI	1.4L Zetec SE 16V	07/97->08/99	LX1598 LX687		OC266 OC506 PLUS	KL224/1			LA77		
Courier Furgoneta / Courier	1.6 SOHC Zetec Rocam	09/99->	LX1598 LX687		OC266 OC506 PLUS	KL224/1			LA77		
Courier L/XL	1.6L 8v Zetec Rocam Flex	06/07->	LX1598 LX687		OC266 OC506 PLUS OC1029 FLEX	KL224/1			LA77		
Del Rey, Scala, Belina II, Guia - C/ Motor VW 1.8 AP800	VW 1.8 AP800	89->	LX208/1		OC47 OC522 PLUS	KL222 KL63			X		
EcoSport	1.6	02->	LX1597		OC266 OC506 PLUS	KL420			LA169		
EcoSport	1.6L Flex	05->	LX1597		OC266 OC506 PLUS OC1029 FLEX	KL420			LA169		
EcoSport	2.0 Duratec	03->	LX2531		OC235 OC506 PLUS	KL420			LA169		
EcoSport	2.0 Duratec Flex	08->	LX3687		OC506 PLUS	KL420					
Ecosport Duratec HE (Câmbio Automático)	2.0L	11/06->	LX998						LA169		
Ecosport Duratec HE (Câmbio Manual)	2.0L	01/03->	LX2531		OC235 OC506 PLUS	KL420			LA169		
Ecosport Duratec HE (Câmbio Manual)	2.0L	->01/03	LX2531		OX979D	KL420			LA169		
EcoSport Supercharger	1.0 Zetec Rocam	03->	LX1589		OC266	KL420			LA169		
EcoSport XL, XLS e XLT	1.6 Zetec Rocam SOHC 8V	03->	LX1597		OC266 OC506 PLUS	KL420			LA169		
EcoSport (Modelo Novo)	2.0L 16v Duratec Flex	12->	LX2867						LA785		





(1) Tipo Exportação

(2) Opcional

(3) Com Ar

(4) Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>FORD</b>											
Edge	3.5L V6 Duratec Gasolina	11/08->	LX3490						LA908		
Escort	1.6 Zetec Rocam	02/00->11/02	LX1598 LX687		OC266 OC506 PLUS	KL224/1			X		
Escort	1.6 Zetec Rocam	02/00->11/02	LX435		OC266 OC506 PLUS	KL224/1			X		
Escort	1.8 16v Zetec	09/96->11/02	LX435		OC266 OC506 PLUS	KL224/1			X		
Escort	VW AP2000	93->	LX906		OC47 OC522 PLUS	KL2			X		
Escort SW	1.6 Zetec Alcool	00->02	LX435		OC266 OC506 PLUS				X		
Escort Wagon, GLX	1.8 - 2.0 Zetec Sem Ar Condiciona- do	96->	LX435		OC266 OC506 PLUS	KL224/1			X	HX15	
Escort XR3, Escort Guia, Escort Guarujá	VW AP1800	89->	LX906		OC47 OC522 PLUS	KL63 KL222 <sup>(2)</sup>			X		
Escort (Ghia / Guarujá / XR3)	1.8 / 2.0 AP	01/89->	LX906		OC47 OC522 PLUS	KL223/1			X		
Escort / Escort Guia / L / XR3	Ford 1600 CHT	89->	LX202		OC300 OC506 PLUS	KL63 KL222 <sup>(2)</sup>			X		
Escort/ Escort SW	1.6 Zetec Gasolina	97->02	LX435		OC266 OC506 PLUS	KL224/1			X		
Escort/ Escort SW	1.8 Zetec	97->02	LX435		OC47 OC522 PLUS	KL224/1			X		
Explorer	4.0 V6	1992->1995	LX2645		OC67	KL224/1			X		
Explorer	4.0 V6 OHV	12/92->10/97	LX1937		OC67	KL223/1			X		
Explorer	4.0L V6 SOHC	97->			OC67	KL223/1			X		
Explorer	4.0L V6 / 2.3i 4cil.	92->94			OC67				X		
Explorer	4.0L V6 / 2.3L 4cil.	97->	LX1095		OC67				X		
Explorer	Diesel	97->			OC67	KC18			X		
Explorer (automático)	5.0 V8 OHV EFI	01/98->	LX1095			KL223/1			X		
Explorer (automático)	5.0 V8 OHV EFI	03/04->	LX1095			KL223/1			X		
Explorer (automático)	5.0 V8 OHV EFI	12/02->02/04	LX1095			KL223/1			X		
F-100	Motor 4 Cil. 1.4L / 1.6L Álcool	78->	LX905/1		OC23 OC506 PLUS	KL63 KL222 <sup>(2)</sup>			X		
F-100 /Rural/Jeep/Pick-up	Willys 4cil./6cil.	->77			OX214D	KL63 KL222 <sup>(2)</sup>			X		
F-1000	6 Cil. Gasolina Argentino	86->	LX974	LXS231		KL63 KL222 <sup>(2)</sup>			X		
F-1000	Ford 4 Cil. Diesel	86->88	LX975	LXS231	OC324	KX23			X		
F-1000	Ford 4 Cil. Diesel	89->	LX974	LXS231	OC324	KX23			X		
F-1000	Maxion/Rover	96->	LX910	LXS37/1	OC261	KC18	KC18		X		
F-1000	MWM 4.10	98->	LX910	LXS37/1	OC60	KL41			X		
F-1000	MWM 4.3 T	96->	LX910	LXS37/1	OC60	KL41			X		
F-1000	MWM D226/4	77->79	LX1065		OC26	KX43 KX35			X		
F-1000	MWM D229/4 aspirado	89	LX200 LX200/1	LXS40/1	OC26	KX43	KX43		X		
F-1000						KC131			X		
F-1000 Super Cab	MWM 4.1T	97->	LX910	LXS37/1	OC60	KC18			X	HX15	
F-1000 Turbinado	MWM TD299/4	92->	LX910		OC60	KC18			X		





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>FORD</b>											
F-1000 Turbo	MWM	93->94	LX910	LXS37/1	OC67		KC18		X		
F-1000, F-2000	MWM D229/4	89	LX974		OC26		KX43 KX35		X		
F-1000, F-2000 Opcionais Carcaças Fram	MWM D229/4	80->86	LX975	LXS231	OC26		KX43 KX35		X		
F-1000, F-2000, F-4000	709E, LO809			LXS5/1					X		
F-1000, F-2000, F-4000, F-12000, F-14000	Maxion/Rover	92->	LX910						X		
F-11000, F-12000, F-13000	Perkins 6358	82->	LX236	LXS41/1	OC308		KX23		X	HX15	
F-12000	Cummins 6CTAA B5.9	01/99->					KC6D		X		
F-12000, F-14000	MWM 6.10	96->		LXS37/1	OC35		KC18		X		
F-12000, F-14000 HD	MWM 229/6	92->	LX910	LXS37/1	OC60		KX43 KX43		X		
F-12000, F-14000, F-16000	Cummins 6BT	99->	LX1096	LXS229	OC320		KC107 KC24		X		
F-14000	Cummins 6CTAA B5.9	01/99->					KC6D		X		
F-16000	Cummins 6CTAA B5.9	01/99->					KC6D		X		
F-2000	MWM D229/4	->86	LX200 LX200/1	LXS40/1	OC26		KX43 KX35		X		
F-2000, F-4000	Ford Diesel	89	LX974	LXS231	OC324		KX23		X	HX15	
F-2000, F-4000	MWM D226/4	77->79	LX1065		OC26		KX43 KX35		X	HX15	
F-2000, F-4000	MWM D229/4	80->89	LX275		OC26		KX43 KX35		X	HX15	
F-250	4.2 MWM Sprint 6.07T e TCA	99->00	LX910	LXS37/1	OC60		KL41		X		
F-250	4.2 MWM Sprint 6.07T e TCA	01->	LX910		OC60		KL75		X		
F-250	4.2L Mecânico	10/98-> 04/06	LX910		OC333		KC166 KL796		X		
F-250	6.10T Sprint MWM	99->	LX910	LXS37/1	OC60				X	HX15	
F-250	Cummins 3.9 4BT	99->	LX910	LXS37/1	OC333		KC166		X		
F-250	Cummins 3.9 Eletrônico	04/06->	LX910		OC502		KL796		X		
F-350	Cummins 3.9 4BT	98->	LX910	LXS37/1	OC333		KC166		X	HX15	
F-350	Cummins 3.9 4BTAA	12/05->					KC113 KC107		X		
F-4000	Cummins 3.9 4BT	01/96->	LX910	LXS37/1	OC333		KC166 KL796		X		
F-4000	Cummins 3.9 4BTAA	12/05->					KC113 KC107		X		
F-4000	MWM 4.3T	96->	LX910	LXS37/1	OC60		KL41		X	HX15	
F-6000, F-7000	MWM D229/6	01/80-> 12/81	LX265	LXS37/1	OC60		KX43 KX35		X	HX15	
F-600, F-700, F-750, F-11000, F-12000, F-13000	Perkins 6357	77-81	LX973		OX200D		KX23		X		
F-7000	Detroit 4.53N	01/77-> 12/79	LX265	LXS37/1					X		
F-75	4 Cil.	78->	LX200 LX200/1		OC23 OC506 PLUS		KL222		X		
F-75	Georgia	75->	LX905/1		OC23 OC506 PLUS		KL63 KL222		X		
F-75/Rural/Jeep/Pick-up	Willys 4cil	->77			OX214D		KL63 KL222 <sup>(2)</sup>		X		
Fiesta	1.0/1.6 Rocam SOHC	99->	LX1312		OC266 OC506 PLUS		KL224/1		LA77		
Fiesta Hatch	1.0	02->	LX1597		OC266 OC506 PLUS		KL420		LA169		
Fiesta Hatch	1.4 16V Zetec SE	04/96-> 08/99	LX1598 LX687		OC235 OC506 PLUS		KL224/1		LA77		
Fiesta Hatch	1.6	02->	LX1597		OC266 OC506 PLUS		KL420		LA169		
Fiesta Hatch	Endura - E 1.3	04/96-> 05/98	LX1598 LX687		OC235 OC506 PLUS		KL224/1		LA77		
Fiesta Hatch/Sedan	1.0	02->	LX1597		OC235 OC506 PLUS		KL420		LA77		
Fiesta Hatch/Sedan	1.0 Flex	04->	LX1597		OC266 OC506 PLUS OC1029 FLEX		KL420		LA169		





(1) Tipo Exportação

(2) Opcional

(3) Com Ar

(4) Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR							HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°				
<b>FORD</b>										
Fiesta Hatch/Sedan	1.6 Flex	05->	LX1597		OC266 OC506 PLUS OC1029 FLEX		KL420		LA169	
Fiesta Hatch/Sedan	1.6 Zetec Rocam	10/01- >06/06	LX1598 LX687		OC235 OC506 PLUS		KL224/1		LA77	
Fiesta Sedan	1.6	02->	LX1597		OC235 OC506 PLUS		KL420		LA77	
Fiesta Street	1.0/1.6 Zetec Rocam	08/04->	LX1597		OC235 OC506 Plus		KL420		LA77	
Fiesta SuperCharger	1.0	05/02->	LX1589		OC235 OC506 PLUS		KL420		LA77	
Fiesta SuperCharger	1.0	02->	LX1589		OC266 OC506 PLUS		KL420		LA169	
Fiesta (Importado - todos)	Endura - E 1.0 e 1.3	96->00	LX1598 LX687		OC235 OC506 PLUS		KL224/1		LA77	
Fiesta (Importado - todos)	Endura - E 1.0 e 1.3	->96	LX332		OC235 OC506 PLUS		KL224/1		LA77	
Focus	1.6L 8V Zetec Rocam Flex	05/07->	LX1712		OC1029 FLEX		KL420		LA78	
Focus	1.6/1.8/2.0 Zetec	00->	LX1712		OC266 OC506 PLUS		KL465		LA78	
Focus	1.8 16V	07/00- 07/04							LA78	
Focus	1.8 16v Zetec	09/98->	LX1712		OC266 OC506 PLUS		KL582 (Plus) KL83 <sup>(1)</sup>			
Focus	2.0 16V Duratec HE	03/05->					KL465		LA78	
Focus	2.0 16V Zetec	->06/02	LX1712		OC266 OC506 PLUS		KL582 (Plus) KL83 <sup>(1)</sup>			
Focus	2.0L 16v Duratec Flex	07/08->	LX1780/3		OC266				LA642	
Focus	2.0L 16v Duratec Flex	07/08->	LX1780/3		OC266				LA642	
Focus	2.0L Duratec Flex	2010->	LX1780/3		OC266 OC506 PLUS		KL420		LA642	
Focus		2014->							LA110 0	
Focus (Hatch / S / SE / Power-Shift)	1.6 16V Flex Sigma TIVCT	09/13->	LX1780/3		OC235		KL420		LA642	
Focus (Hatch/Sedã/GL/GLX) Mec.	1.6 16V Flex Sigma	2010->	LX1780/3		OC235		KL420			
FT-8000-FT-8500	Detroit 6.53N	77->79	LX227	LXS42/1				X		
Fusion	2.3L 145PS Duratec	05/06->	LX2642		OX979D					
Fusion	2.5L	09->	LX2642							
Fusion (Modelo Novo)	2.0L 16v Ecoboost (240cv Gas.)	2013->							LA924	
Fusion (Modelo Novo)	2.5L 16v Duratec Flex (166.8cv Gas. / 175.3cv Alc.)	2013->							LA924	
Fusion (SEL) Aut.	3.0L V6 24v	09->	LX2818		OC1240				LA752	
Ka	1.0 Zetec Rocam	08/99- >12/07	LX1312		OC235 OC506 PLUS		KL224/1		LA77	
Ka	1.0/1.3 Endura	01/97- >08/99	LX962		OC235 OC506 PLUS		KL224/1		LA77	
Ka	1.3 Endura	->96	LX332		OC235 OC506 PLUS		KL224/1		LA77	
Ka	1.6 Zetec Rocam	02/01- >12/07	LX1312		OC266 OC506 PLUS		KL224/1		LA77	
Ka (Modelo Novo)	1.0/1.6 Flex	12/07->	LX1597		OC235 OC506 PLUS OC1029 FLEX		KL420		LA77	





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°					
<b>FORD</b>											
Ka (Modelo Novo)	1.0/1.6 Flex	2010->	LX1597		OC235 OC506 PLUS OC1029 FLEX		KL420		LA906		
Maverick	4 Cil.	74->77	LX905/1		OC23 OC506 PLUS		KL222	X			
Maverick	6 Cil.	74->77					KL63 KL222 <sup>(2)</sup>	X			
Maverick	8 Cil.	74->77			OC67		KL222	X			
Mondeo	1.8 Zetec-E	01/94->12/96			OC266 OC506 PLUS		KL224/1		LA25		
Mondeo	2.0 16v Zetec-E	96->00			OC266 OC506 PLUS		KL224/1		LA25		
Mondeo	2.0 Zetec-E	01/94->12/96			OC266 OC506 PLUS		KL224/1		LA25		
Mondeo	2.0L 145PS Duratec	04/01->12/05			OX979D						
Mondeo	2.5 V6 DOHC	01/98->12/00					KL224/1		LA25		
Mondeo CLX Mec.	2.0 16V HE Duratec	2003->2006			OC466						
Mondeo (Todos)		->95			OC23 OC506 PLUS		KL224/1		LA25		
Mustang	3.8L V6	94->					KL224/1	X			
Mustang (Coupé) Aut./Mec.	3.7L V6 4V	2011->			OC1240						
Mustang (GT) Aut./Mec.	5.0 V8	2011->			OC1240						
New Fiesta (Hatch/Sedan)	1.5L 16v	13->	LX3304		OC235		KL420		LA785		
New Fiesta (Hatch/Sedan)	1.6L 16v Sigma Flex	11->	LX3304		OC235		KL420		LA785		
Pampa 4X2	1.6 / 1.8L AP		LX200 LX200/1	LXS40/1	OC47 OC522 PLUS		KL63 KL222 <sup>(2)</sup>	X			
Pampa 4x2 e 4x4	Ford CHT	84->88	LX64		OC300 OC506 PLUS		KL63 KL222 <sup>(2)</sup>	X			
Ranger	2.3	11/96->11/97	LX1937		OC67		KL223/1	X			
Ranger	2.3 4cil. DOHC	97->03	LX1095		OC266 OC506 PLUS		KL223/1	X			
Ranger	2.3 4cil. DOHC	03/04->	LX1095		OC266 OC506 PLUS		KL223	X			
Ranger	2.3 4L	1995->1997	LX2645				KL224/1	X			
Ranger	2.3 4L	->1994	LX2645		OC67		KL224/1	X			
Ranger	2.3 SFI Mazda DOHC I-4	03/01->11/02	LX1095		OC266 OC506 PLUS		KL223/1	X			
Ranger	2.3 V6	86			OC60			X			
Ranger	2.5 Gasolina SOHC	11/97->03/01	LX1095		OC47 OC522 PLUS			X			
Ranger	2.5 Maxion HS Euro II	12/99->05/00	LX2646		OC261		KC129/1	X			
Ranger	2.5 Maxion HS Euro II Diesel	00->02	LX1713				KC129/1	X			
Ranger	2.5 Maxion HS Turbo	11/97->11/99	LX2646		OC261		KC129/1	X			
Ranger	2.5 Maxion HS Turbo Diesel	97->99	LX1095		OC261		KC129/1	X			
Ranger	2.5 Maxion Turbo Intercooler	98->			OC67			X			
Ranger	2.9 V6	92			OC67			X			
Ranger	3.0 6 cil.	->1994	LX2645		OC266 OC506 PLUS		KL224/1	X			
Ranger	3.0 6cil.	95->97			OC266 OC506 PLUS			X			





(1) Tipo Exportação

(2) Opcional

(3) Com Ar

(4) Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>FORD</b>											
Ranger	3.0 V6	98->	LX1095		OC266 OC506 PLUS	KL223/1			X		
Ranger	4.0 V6	98->00			OC67	KL223/1			X		
Ranger	4.0 V6	03/01- >11/03	LX1095			KL223/1			X		
Ranger	4.0 V6	06/94- >11/97	LX1937		OC67	KL223/1			X		
Ranger	4.0 V6	01->	LX1095		OC67	KL223/1			X		
Ranger	4.0 V6	->1994	LX2645		OC67	KL224/1			X		
Ranger Power Stroke	2.8L Maxion Turbo Diesel (Inj. Mecânica)	08/01->	LX1713		OC261	KL761			X		
Ranger Power Stroke	3.0 Eletrônico	07/08->	LX2124		OC1055	KL425			X		
Ranger Power Stroke	3.0 Internacional Eletrônico	01/05- >07/08	LX2124		OX169/1D	KL425			X		
Ranger (Modelo Novo)	2.2L TDCi	2012->	LX3680							LA833	
Ranger (Modelo Novo)	2.5L 16v Duratec Flex (168cv Gas. / 173cv Ál.c.)	2012->	LX3680							LA833	
Ranger (Modelo Novo)	3.2L 20v Duratorq (200cv Diesel)	2012->	LX3680							LA833	
Taurus	3.0 V6 12V	98->				KL223/1			X		
Taurus	3.0 V6 12V	01/97- >12/97				KL224/1			X		
Taurus	3.0 V6 12V	1994- >1995	LX2645		HC45 OC506 PLUS	KL224/1			X		
Taurus	3.0 V6 24V	96->				KL223/1			X		
Transit (Van / Furgão)	2.4L TDCi Diesel	12/08->	LX935		OX339/2D ECO					LA904	
Verona	1.6 AE Carburado	01/90- >12/92				KL774			X		
Verona	1.8 AP Carburado	01/93- >12/94				KL774			X		
Verona CFI	1.8 AP	01/94- >12/96	LX906		OC47 OC522 PLUS	KL223/1			X		
Verona EFI	2.0 AP	01/94- >12/96	LX906		OC47 OC522 PLUS	KL223/1			X		
Verona GLX	1.8 AP800 / 2.0	90->	LX906		OC47 OC522 PLUS	KL222 KL63			X		
Verona LX	1.6 CHT	90->	LX202		OC300 OC506 PLUS	KL222 KL63			X		
Versailles 2.0	2.0 AP	91->	LX208/1		OC47 OC522 PLUS	KL222 KL63			X		
Versailles Royale	1.8 AP CFI	01/91- >12/96	LX208/1		OC47 OC522 PLUS	KL223/1			X		
Versailles Royale EFI	2.0 AP	01/92- >12/96	LX906		OC47 OC522 PLUS	KL223/1			X		
Versailles, Royale, Ghia	2.0 AP	92->	LX906		OC47 OC522 PLUS	KL222 KL63			X		
Versailles, Royale, Ghia i	2.0i AP	92->93	LX906		OC47 OC522 PLUS	KL2			X		
<b>FORD TRATORES</b>											
4000	MWM D225/4				OC26	KX43 KX35			X		
4600, 4810	Ford Álcool	83->	LX200	LXS40/1	OC324	KL222 KL63			X	HC76	HX58-DIR.
4600, 5600, 6600	Ford Diesel	78->84			OC324	KX23			X		
4610, 6610, 7610 (4X4) Série 10	Ford Diesel OHV 4256	85	LX969	LXS225	OC324	KX23			X	HC76	
4630, 4630; Narrow	3 Cil.	93->	LX236	LXS41/1	OC302				X	HC76	
5030, 5030; Nar- row /5630 /6630 /7630 /7830 /803 0	4 Cil.	93->	LX236	LXS41/1	OC302				X	HC76	





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>FORD TRATORES</b>											
7000, 7500, 7600, 7700	Ford diesel	88	LX275	LXS5/1	OC308		KX23		X		HX58-DIR.
740					OC67		KX23		X		
753, 755, 4500, 5000	Ford						KX23	KX23	X		
7610 (4X4)	Ford diesel OHV 4268T	85->	LX969	LXS225	OC324		KX23		X	HC76	HX58-DIR.
7650	Turbo 4X4	88->	LX969	LXS225	OC324		KX23	KX23	X		
7810	Motor importado	90	LX969	LXS225	OC334		KX24		X	HC76	
8430		93->	LX265	LXS37/1			KX23	KX23	X		
8630, 8830		93->	LX265	LXS37/1	OC35				X		
8BR	Perkins 4203	70			OX18D		KX23		X		
Destra, FPMD, FSMD	Ford Major				OX18D				X		
<b>FURUKAWA</b>											
ESCAVADEIRA FX-200-2 6BD1-T	ISUZU H06CT		LX3616								
<b>GALION</b>											
150A	MB OM352		LX243		OX199D		KX43 KX35		X		
50A	MB OM314		LX243		OX199D		KX43 KX35		X		
<b>GARDNER DENVER</b>											
SP1050/ 1200	Caterpillar D343				OX217D		KC114		X		
SP160/ 185/ 260	Ford Diesel						KX23		X		
SP250/365	Caterpillar D330				OX3D		KC114		X		
SP325	Perkins 6358				OC308		KX23		X		
SP340	Perkins 6357				OC324		KX23		X		
SP340JB/ SP387	Perkins 6354		LX236	LXS41/1	OC308		KX23		X		
SP365DF	Caterpillar D330T				OC507		KC114		X		
SP365DG	Caterpillar D330				OX3D		KC114		X		
SP600	Caterpillar D333 T		LX760	LXS299	OX3D		KX91		X		
SP750	Cummins NT855		LX760	LXS299	OX198D OX218D		KC133		X		
SP900/900DK	Caterpillar D343				OX217D		KC114		X		
<b>GM</b>											
11000, 12000, 13000, 14000, 19000, 21000 Álcool e Gasolina	GM 4.8L 6 Cil.	85->	LX236	LXS41/1	OC114		KL222 KL63		X	HX15	
11000, 12000, 13000, 14000, 19000, 21000 Diesel	Perkins 6354	01/85->	LX265	LXS37/1	OC308		KX23		X	HX15	
12170 (6.6)/14190 (6.6)/15190 (6.6)/16220 (6.6)	Caterpillar 3116	96->02	LX1092	LXS230	OC121		KC124/1		X		
12170, 14190 (4x2)	Caterpillar 3116	->05/00	LX1056 LX1056/1	LXS260	OC507				X		
12170, 14190, 16220	Caterpillar 3116	96->99	LX1092	LXS230	OC121		KC134		X		
15190	Caterpillar 3116	99->	LX1056 LX1056/1 LX1716	LXS260	OC507		KC134		X		
16220 (4x2)	Caterpillar 3116	->05/00	LX1056 LX1056/1	LXS260	OC507				X		
22000 Álcool e Gasolina	GM 4.8L 6 Cil.	85->	LX236	LXS41/1	OC114		KL222 KL63		X		





(1) Tipo Exportação

(2) Opcional

(3) Com Ar

(4) Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>GM</b>											
22000 Diesel	Perkins 6354	01/85->	LX265	LXS37/1	OC308		KX23		X		
3500 HD, 6150	4.2 MWM Sprint 6.07T Turbo Diesel	2001->			OC60		KL75		X		
5.90	Isuzu 4JG2	98->							X	HX15	
6000T	Maxion S4T	93->	LX236	LXS41/1	OC324		KC18 KC18		X		
6100 (4.1)	Maxion S4	01/97->	LX1673		OC324		KC18 KC119		X	HX15	
6150 (4.2)	MWM Sprint 6	01/97->	LX1673		OC60		KC119		X	HX15	
6.100/ 6.150	Maxion S4 /S4T		LX236	LXS41/1	OC324		KC18 KC18		X		
A10	GM 2.5 4 Cil.	01/85->			OC301				X		
A10, C10, C14, A20, Peruas Veraneio	GM 4 Cil.	->73			OX215D		KL63 KL222 <sup>(2)</sup>		X		
A10, C10, C14, C20, Pick-Up Veraneio	GM 6 Cil.	81->84	LX236	LXS41/1	OC114		KL222 KL63		X		
A10, C10, C14, Peruas Veraneio	GM 4 Cil.	74->84	LX902/1		OC301		KL222 KL63		X		
A40 Álcool e Gasolina	GM 6 Cil.	85->			OC114		KL222 KL63		X		
A60 Álcool	292	81->84			OC114		KL222 KL63		X		
A60, A65, A68, A70, C80, C65	GM 6 Cil.	81->84	LX236	LXS41/1	OC114		KL63 KL222 <sup>(2)</sup>		X		
A65, A68, A70 Álcool	297	81->84	LX236	LXS41/1	OC301		KL222 KL63		X		
Agile	1.4 Econoflex	01/09->	LX523		OC90 OC504 PLUS OC1030 FLEX		KL582 (Plus)		LA11 LAK11		
Astra	1.8L 8v MPFI	01/99->	LX735		OC90 OC504 PLUS		KL224/1		LA75		
Astra	1.8/2.0 GL/GLS 8V-16V	98->	LX735		OC90 OC504 PLUS		KL582 (Plus) KL83 <sup>(1)</sup>		LA75		
Astra	2.0 GSI 16V (imp.) - C20XE	09/91-> >09/98			OC90 OC504 PLUS		KL60		LA11		
Astra	2.0i 16V - X20 XEV	02/95-> >09/98			OC90 OC504 PLUS		KL60		LA11		
Astra	2.0i 16v MPFI Imp.	01/95-> >12/96	LX390		OC90 OC504 PLUS		KL60		LA11 LAK11		
Astra	2.0L 16v MPFI	01/99->	LX735		OC90 OC504 PLUS		KL224/1		LA75		
Astra	2.0L 8v MPFI	01/99->	LX735		OC90 OC504 PLUS		KL224/1		LA75		
Astra Hatch / Sedan	2.0L 8v Flexpower	04->	LX735		OC90 OC504 PLUS OC1030 FLEX		KL224/1		LA75		
Beretta	2.0	87->90			OC81				X		
Beretta	2.2	90->			OC81				X		
Blazer	2.2 EFI	95->99	LX964		OC90 OC504 PLUS		KL225 KL225/1		X		
Blazer	2.2MPFI	98->00	LX960		OC90 OC504 PLUS		KL582 (Plus) KL83 <sup>(1)</sup>		X		
Blazer	2.4L 8v MPFI Flex	01/07->	LX2529		OC90 OC504 PLUS OC1030 FLEX		KL224/1		X		
Blazer	2.4L 8V MPFI Gasolina	01/01->	LX2529		OC90 OC504 PLUS		KL582 (Plus)		X		
Blazer	2.5 Maxion Rover Diesel	95->99	LX275		OC261		KC18		X		
Blazer	4.3 V6	98->	LX964		OC81				X		





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>GM</b>											
Blazer	MWM 2.8L Turbo (Eletrônico)	06->					KL747	TB1208	X		
Blazer	7.4 V8	87->			OC114				X		
Blazer S	1.9	87->95			OC205				X		
Blazer S	2.8 V6 Gasolina	83->90			OC81				X		
Blazer / S10	2.5 Maxion HS Turbo	01/96->12/00					KC129/1		X		
Blazer / S10	MWM 2.8L Sprint 4.07TCA	98->01	LX960		OC404		KL41	TB1208	X		
Blazer / S10	MWM 2.8L Sprint 4.07TCA	2002->	LX960		OC404		KL316	TB1208	X		
Blazer/Suburbam	5.0/5.7 V8	87->			OC114				X		
Blazer/Suburbam	6.2	82->			OC114				X		
Blazer/Suburbam	7.4 V8	87->			OC114				X		
Bonanza	4.1L	01/91->	LX208/1		OC114		KL63 KL222		X		
Bonanza	4.2	91->	LX236						X		
Bonanza Custon, Pick-Up Turbo Conquest	Maxion S4	92->93	LX236		OC324		KX23		X	HX15	
C10, C20, Veraneio Álcool/ Gasolina	GM 4.1 6 Cil.	85->	LX236		OC114		KL222 KL63		X	HX15	
C20	4.1L	95	LX275	LXS5/1					X		
C60, C65	GM 6 Cil.	65->80			OX215D		KL63 KL222 <sup>(2)</sup>		X		
C60, C70 Gasolina	292	65->80		LXS41/1			KL63 KL222 <sup>(2)</sup>		X		
C60, C70 Gasolina	292	81->84		LXS41/1			KL63 KL222 <sup>(2)</sup>		X		
Calibra	2.0i 16V - C20XE	06/90->02/94	LX414		OC90 OC504 PLUS		KL60		LA11		
Calibra	2.0i 16V - X20 XEV	02/94->07/97	LX414		OC90 OC504 PLUS		KL60		LA11 LAK11		
Camaro SS (Coupé/Conversível) Aut./Mec.	6.2 V8 16V	2010->			OC1239						
Camero	3.1 V6	90->			OC81				X		
Caprice	4.3 V6	87->92			OC81				X		
Caprice	5.7	89->90			OC114				X		
Caprice	5.7	90->			OC114				X		
Caprice	5.7 V8	87->89			OC114				X		
Captiva	2.4L 16V Ecotec Gasolina	08/08->03/11			OX974D				LA646		
Captiva	3.0L 24V V6 Gasolina (Injeção direta)	04/11->12/12			OX974D				LA646		
Captiva (AWD/FWD) Aut.	3.6 V6 24V	2008->			OC1239				LA646		
Cavalier	2.0	87->90			OC81				X		
Cavalier	2.2	90->			OC81				X		
Celebrity	2.8	87->90			OC81				X		
Celebrity	3.1	90->			OC81				X		
Celta	1.0 Flexpower	06->	LX1315		OC90 OC504 PLUS OC1031 FLEX		KL582 (Plus)		LA11 LAK11		
Celta	1.0 Gasolina	01/01->	LX1315		OC90 OC504 PLUS		KL582 (Plus) KL83 <sup>(1)</sup>		LA11 LAK11		
Celta	1.4 Flexpower	07->	LX1315		OC90 OC504 PLUS		KL582 (Plus) KL83 <sup>(1)</sup>		LA11 LAK11		
Celta	1.4 Gasolina	03->	LX1315		OC90 OC504 PLUS		KL582 (Plus) KL83 <sup>(1)</sup>		LA11 LAK11		
Celta s/ AC		00->							LA21		
Chevette Junior	GM 1.0	92->	LX902/1		OC90 OC504 PLUS		KL222 KL63		X		
Chevette, Chevy 500, Marajo, Junior	GM 1.0- 1.4- 1.6	73->91	LX902/1		OC317 OC504 PLUS		KL222 KL63		X		





<sup>(1)</sup> Tipo Exportação

<sup>(2)</sup> Opcional

<sup>(3)</sup> Com Ar

<sup>(4)</sup> Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR							HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°				
<b>GM</b>										
Chevette, Chevy 500; Todos		92->	LX208/1		OC317 OC504 PLUS	KL222 KL63	X			
Classic	1.0L 8v VHCE Flex	10->	LX523		OC90 OC504 PLUS OC1030 FLEX	KL582 (Plus)	LA11 LAK11			
Cobalt	1.4L 8v Econoflex	11->	LX3488		OC90 OC504 PLUS OC1030 FLEX	KL582 (Plus)	LA472			
Cobalt	1.8L 8v Econoflex	12->	LX3488				LA472			
Corsa	1.0L 16v MPFI	01/99- >12/01	LX523		OC90 OC504 PLUS	KL582 (Plus) KL224/1	LA11 LAK11			
Corsa	1.0L 8v MPFI	01/96- >12/01	LX523		OC90 OC504 PLUS	KL582 (Plus) KL224/1	LA11 LAK11			
Corsa	1.0L 8v MPFI	01/02->	LX523		OC90 OC504 PLUS	KL582 (Plus) KL224/1	LA117 LAK11 7			
Corsa	1.0L 8V MPFI Flex	01/06->	LX999		OC90 OC504 PLUS OC1030 FLEX	KL224/1 KL582 (Plus)	LA117 LAK11 7			
Corsa	1.0L 8v MPFI (Álcool)	01/00- >12/01	LX523		OC90 OC504 PLUS	KL582 (Plus) KL224/1	LA11 LAK11			
Corsa	1.0L 8v MPFI (Álcool)	01/02->	LX523		OC90 OC504 PLUS	KL582 (Plus) KL224/1	LA117 LAK11 7			
Corsa	1.0L MPFI 16v	01/02->	LX523		OC90 OC504 PLUS	KL582 (Plus) KL224/1	LA117 LAK11 7			
Corsa	1.0/1.4/1.6L EFI 8v	01/94- >12/96	LX523		OC90 OC504 PLUS	KL582 (Plus) KL83 <sup>(1)</sup>	LA11 LAK11			
Corsa	1.4L 8v MPFI	01/98- >12/01	LX523		OC90 OC504 PLUS	KL582 (Plus) KL224/1	LA11 LAK11			
Corsa	1.4L 8v MPFI	01/02->	LX523		OC90 OC504 PLUS	KL582 (Plus) KL224/1	LA117 LAK11 7			
Corsa	1.4L MPFI Econoflex	01/07->	LX999		OC90 OC504 PLUS OC1031 FLEX	KL582 (Plus)	LA117 LAK11 7			
Corsa	1.6L 16v MPFI	01/95- >12/01	LX523		OC90 OC504 PLUS	KL582 (Plus) KL224/1	LA11 LAK11			
Corsa	1.6L 16v MPFI	01/02->	LX523		OC90 OC504 PLUS	KL582 (Plus) KL224/1	LA117 LAK11 7			
Corsa	1.6L 8v MPFI	01/96- >12/01	LX523		OC90 OC504 PLUS	KL582 (Plus) KL224/1	LA11 LAK11			
Corsa	1.6L 8v MPFI	01/02->	LX523		OC90 OC504 PLUS	KL582 (Plus) KL224/1	LA117 LAK11 7			
Corsa	1.6L 8v MPFI (Álcool)	01/96- >12/01	LX523		OC90 OC504 PLUS	KL582 (Plus) KL224/1	LA11 LAK11			
Corsa	1.6L 8v MPFI (Álcool)	01/02->	LX523		OC90 OC504 PLUS	KL582 (Plus) KL224/1	LA117 LAK11 7			
Corsa	1.8L 8V MPFI Flex	01/04->	LX999		OC90 OC504 PLUS OC1030 FLEX	KL224/1 KL582 (Plus)	LA117 LAK11 7			





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			1°	2°	1°	2°	1°	2°			
<b>GM</b>											
Corsa Sedan (Classic)	1.0L 8v MPFI Flex	01/03->	LX523		OC90 OC504 PLUS OC1030 FLEX		KL582 (Plus)		LA11 LAK11		
Corsa s/ AC		98->							LA21		
Corvette	5.7	92->			OC81				X		
Cruze	1.8L 16v Flex	09/11->	LX3489		OX1018D		KL582 (Plus)		LA472		
D10	Perkins 4236Q20B4	85->	LX236		OC324		KX23		X	HX15	
D10	Perkins 6340	65-70					KX23		X		
D10, D20	Maxion S4	94->96	LX236	LXS41/1	OC324		KC18 KC119		X		
D10, Veraneio	Perkins 4326	79->84	LX236	LXS41/1	OC324		KX23		X		
D20, D40 Álcool e Gasolina	GM 4.1 6 Cil. / GM 4.8 6 Cil.	85->	LX236		OC114		KL63		X	HX15	
D20, D40 Diesel	Perkins 4236Q20B4	85->	LX236	LXS41/1	OC324		KX23		X	HX15	
D40	Perkins 4236	85->	LX236	LXS41/1	OC324		KX23	KX23	X		
D60P, D70P, D80 3E, D90 3E	Perkins 6357	01/76- >12/84	LX265	LXS37/1	OX200D		KX23		X		
D60, D60P, D70, D70P	Perkins 6340	65->70					KX23		X		
D60, D70	Perkins 6358	81->	LX973		OC308		KX23		X		
D60, D70, D80, D90	Perkins 6358	01/76- >12/84	LX265	LXS37/1	OC308		KX23		X		
GMC 3.500 HD	4.2 MWM Sprint 6.07T TD	01/01->	LX1673		OC60		KL75		X		
GrandBlazer	4.1	96-99	LX1316				KL60		X		
Ipanema / Kadett	1.8	88->90	LX958/1		OC90 OC504 PLUS		KL63 KL222		X		
Ipanema / Kadett	1.8 EFI (Álcool/Gasolina)	89->97	LX958/1		OC90 OC504 PLUS		KL225 KL225/1		X		
Ipanema / Kadett	2.0	88->90	LX958/1		OC90 OC504 PLUS		KL63 KL222		X		
Ipanema / Kadett	2.0 EFI (Álcool/Gasolina)	89->97	LX958/1		OC90 OC504 PLUS		KL225 KL225/1		X		
Ipanema / Kadett	2.0 MPFI	96->	LX448		OC90 OC504 PLUS		KL60 KL2		X		
Kadett	2.0 GSI	92->98	LX3705		OC90 OC504 PLUS				X		
Lumina	3.1 V6	90-92			OC81				X		
Lumina	3.4 V6	92->			OC81				X		
Lumina APV		92->			OC90 OC504 PLUS				X		
Malibu (LTZ)	2.4L 16V Gasolina	10->			OX974D						
Meriva	1.4L MPFI Econoflex	08->	LX999		OC90 OC504 PLUS OC1031 FLEX		KL582 (Plus)		LA189		
Meriva	1.8 8V/ 1.8 16V	08/02->	LX999		OC90 OC504 PLUS		KL582 (Plus) KL83 <sup>(1)</sup>		LA189		
Meriva	1.8L 8v/ 1.8L 16v Flex	04->	LX999		OC90 OC504 PLUS OC1030 FLEX		KL582 (Plus)		LA189		
Montana	1.4L MPFI EconoFlex	01/07- >03/11	LX999		OC90 OC504 PLUS OC1031 FLEX		KL582 (Plus)		LA117 LAK11 7		
Montana	1.8L 8v MPFI Flex	01/04- >03/11	LX999		OC90 OC504 PLUS OC1030 FLEX		KL582 (Plus)		LA117 LAK11 7		





(1) Tipo Exportação

(2) Opcional

(3) Com Ar

(4) Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>GM</b>											
Montana - LS / SPORT (Modelo Novo)	1.4L 8v Flex	04/11->	LX523		OC90 OC504 PLUS OC1030 FLEX		KL582 (Plus)		LA11 LAK11		
Monte Carlo	4.3 V6	87->89			OC81				X		
Monza	1.6 / 1.8 / 2.0 Carburado	82->90	LX958/1		OC90 OC504 PLUS		KL222 KL63		X		
Monza	1.8 EFI / 2.0 EFI-MPFI (Álcool/ Gasolina)	90->96	LX958/1		OC90 OC504 PLUS		KL225 KL225/1		X		
Monza	2.0 8V MPFI GASOLINA	01/90- >12/93	LX3705								
Monza 500 EF	1.8 / 2.0 Injeção eletrônica	90->91			OC90 OC504 PLUS				X		
Monza MPFI, Kadett GSi	2.0 MPFI	92->	LX3705		OC90 OC504 PLUS		KL2		X		
Omega	3.8 V6	99->			OC90 OC504 PLUS		KL582 (Plus) KL83 <sup>(1)</sup>		X		
Omega CD, Suprema CD	3.0	92	LX448		OC300		KL2		X		
Omega GLS, Suprema GLS	2.0 MPFI		LX448		OC90 OC504 PLUS		KL2		X		
Omega, Suprema	2.2	92->	LX448		OC90 OC504 PLUS				X		
Omega, Suprema	4.1		LX448		OC332 OC504 PLUS		KL2		X		
Onix (LS / LT)	1.0L 8v Flex	2012->	LX3544		OC90 OC504 PLUS		KL582 (Plus)		LA472		
Onix (LT / LTZ)	1.4L 8v Flex	2012->	LX3544		OC90 OC504 PLUS		KL582 (Plus)		LA472		
Opala, Comodoro, Diplomata, Caravan	GM 6 Cil.	90->	LX208/1		OC114		KL222 KL63		X	HX15	
Prisma	1.0 8v Flex VHCE	03/09->	LX1315		OC90 OC504 PLUS OC1031 FLEX		KL582 (Plus)		LA11 LAK11		
Prisma	1.4 Econoflex	10/06->	LX1315		OC90 OC504 PLUS OC1031 FLEX		KL582 (Plus)		LA11 LAK11		
S10	2.4L 8v MPFI	01/98->	LX2529		OC90 OC504 PLUS		KL582 (Plus) KL83 <sup>(1)</sup>		X		
S10	2.4L 8v MPFI Flex	01/07->	LX2529		OC90 OC504 PLUS OC1030 FLEX		KL224/1		X		
S10	Maxion/Rover 2.5HS	95->	LX275		OC261				X		
S10	MWM 2.8L Turbo (Eletrônico) / Sprint 4.07TCE	08/05->	LX960		OC404		KL747	TB1208	X		
S10 (Cabine simples/dupla/ estendida)	2.2L EFI	95->99	LX964		OC90 OC504 PLUS		KL225 KL225/1 KL60		X		
S10 (Cabine simples/dupla/ estendida/blazer)	2.2L MPFI	98->	LX960		OC90 OC504 PLUS				X		
S10 (Cabine simples/dupla/ estendida/blazer)	4.3L V6	96->	LX964		OC81				X		
S10 (Modelo Novo)	2.4L 8v MPFI Flex	2012->	LX3679		OC90 OC504 PLUS OC1030 FLEX		KL224/1		LA909		
S10 (Modelo Novo)	MWM 2.8L CTDI Turbo Die- sel (Eletrônico)	2012->	LX3679						LA909		





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>GM</b>											
S10/ Blazer	2.2L Gas.	97->00					KL582 (Plus) KL83 <sup>(1)</sup>		X		
S10/ Blazer	EFI	96->	LX964		OC90 OC504 PLUS		KL60		X		
S10/ Blazer STD/ DLX	2.2 EFI	97->	LX964		OC90 OC504 PLUS		KL60		X		
Silverado	4.1L MPFI	96->	LX1316				KL2		X		
Silverado	4.2 MWM Sprint 6.07	01/97->12/99	LX1673		OC60		KC129/1		X		
Silverado	4.2 MWM Sprint 6.07	99->12/01	LX1673		OC60		KC121/1 KC121		X		
Silverado	Maxion S4	97->	LX1316		OC324		KC18		X		
Silverado	MWM Sprint 6T	01->			OC60		KC122		X	HX15	
Silverado/ Grand Blazer DLX4.2	MWM Sprint 6T	97->00	LX1316		OC60		KC18		X	HX15	
Sonic	1.6L 16v Flex	05/12->	LX3488		OX1018D				LA472		
Space Van	Diesel	98->					KX24		X		
Space Van	Gasolina	98->	LX290		OC318		KL222 KL63		X		
Spin	1.8L 8v Flex	12->	LX3488		OC90 OC504 PLUS OC1031 FLEX		KL582 (Plus)		LA472		
Tigra	1.4 16V, X14 XE, 1.6 16V, X16 XE	07/94->	LX523		OC90 OC504 PLUS		KL582 (Plus) KL83 <sup>(1)</sup>		LA11		
Tigra	1.6 16V SFI	98->	LX523		OC90 OC504 PLUS		KL582 (Plus) KL83 <sup>(1)</sup>		LA11		
Tracker	2.0 8V TDI TURBO DIESEL						KX446D				
Tracker	2.0 8V TDI TURBO DIESEL	2001->2004			OC1237				LA654/S		
Tracker	2.0 TDI	00->	LX862						X		
Tracker		02->							LA654/S		
Trafic Furgão/ Van passageiros	Renault 2.2L	97->	LX290						X		
Trailblazer (Modelo Novo)	2.8L Turbo Diesel (Eletrônico)	2012->	LX3679						LA909		
Trailblazer (Modelo Novo)	3.6L V6	2012->	LX3679						LA909		
Vectra	2.0 MPFI	94->96	LX414		OC90 OC504 PLUS		KL60		LA49		
Vectra	2.0/2.0 16V/2.2 CD GL/GLS	97->	LX614		OC90 OC504 PLUS		KL582 (Plus) KL83 <sup>(1)</sup>		LA49		
Vectra GL /GLS /CD	2.0	96->	LX614		OC90 OC504 PLUS		KL582 (Plus) KL83 <sup>(1)</sup>		LA49		
Vectra GLS /CD	2.0	93->	LX414		OC90 OC504 PLUS		KL2		LA49		
Vectra GSi	2.0 16V		LX414		OC90 OC504 PLUS		KL60		LA49		
Vectra (Diamond)	2.0 Flexpower	06->	LX735		OC90 OC504 PLUS OC1031 FLEX		KL582 (Plus)		LA75		
Vectra (Diamond)	2.4 FlexPower	06->	LX735		OC728		KL582 (Plus) KL224/1		LA75		
Vectra (Diamond) / GT / RGE	2.0	07->	LX735		OC90 OC504 PLUS		KL582 (Plus) KL83 <sup>(1)</sup>		LA75		
Vectra (Diamond) / GT / RGE	2.4	07->	LX735				KL582 (Plus) KL83 <sup>(1)</sup>		LA75		
Vectra (Diamond) / GTX / RG	2.0	07->	LX735		OC90 OC504 PLUS		KL582 (Plus) KL83 <sup>(1)</sup>		LA75		





<sup>(1)</sup> Tipo Exportação

<sup>(2)</sup> Opcional

<sup>(3)</sup> Com Ar

<sup>(4)</sup> Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR									HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°						
<b>GM</b>												
Zafira	2.0L MPFI 8v	01/99->	LX735		OC90 OC504 PLUS		KL224/1 KL582 (Plus) KL83 <sup>(1)</sup>		LA74			
Zafira	2.0L MPFI 8V Flexpower	01/05->	LX735		OC90 OC504 PLUS OC1030 FLEX		KL224/1		LA74			
Zafira	2.0L MPFI/SFI 16V	01/01->	LX735		OC90 OC504 PLUS		KL582 (Plus) KL83 <sup>(1)</sup>		LA74			
<b>GROVE</b>												
RT605	MB OM352A				OX197D		KX43		X			
<b>GURGEL</b>												
BR800, Cena	Gurgel 2 Cil.	89->	LX900/1		OC47 OC522 PLUS		KL63 KL222 <sup>(2)</sup>		X			
Carajas X15	AP1600, AP2000	86->	LX208/1		OC47 OC522 PLUS		KC18		X			
Caribe	MB OM314	->86	LX200 LX200/1		OX85D		KX43 KX35		X			
X12, X15, G15	VW 1500CC	->78	LX200 LX200/1				KL63 KL222 <sup>(2)</sup>		X			
XEF, X12 TR; Carburacao Dupla	VW 1600CC	78->	LX900/1				KL63 KL222 <sup>(2)</sup>		X			
<b>GVM</b>												
PULVERIZADORES PREDATOR SÉRIE W	CUMMINS MOTOR 4B3.9 / 6B5.9		LX3619									
<b>HAGIE</b>												
PULVERIZADORES DTS10C HI- TRATORES	CUMMINS MOTOR TURBO QSB5.9		LX3619									
PULVERIZADORES HI- TRATORES (STS10 / STS10C / STS10T / STS12 / STS12C / STS14 / STS14C / STS16	CUMMINS MOTOR TURBO QSB6.7		LX3619									
<b>HARLEY DAVIDSON</b>												
FLHR-I / FLSTS HERTG SPRIN- GER		97->03			OC1021				X			
FLHR ROAD KING / XL SPORTSTER-883/1200		94->03			OC1021				X			
FLHRCI / FLSTC / FXD		03->			OC1021				X			
FLHS / FXLR		87->94			OC1021				X			
FLHT ELECTRA GLIDE		96->03			OC1021				X			
FLHTC-U / FLSTE FAT BOY / FLSTF FAT BOY / XLH / XLH SPORTSTER		86->03			OC1021				X			
FLHTP / FXSTSB SOFTAIL		95->97			OC1021				X			
FLST		80->00			OC1021				X			
FLSTC HERTG SOFTAIL		80->02			OC1021				X			
FLT / FLTC		80->92			OC1021				X			
FLTC-U		87->96			OC1021				X			
FLTRI / FLHRCI RD KING CLSC / FLTR ROAD GLIDE		98->02			OC1021				X			
FXD DYNA SUPER GLIDE		99->09			OC1021				X			
FXDB		91->06			OC1021				X			





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>HARLEY DAVIDSON</b>											
FXDL DYNA LOW RIDER / FXDWG DYNA WIDE GLD / FXDX DYNA GLD SPORT		99->03			OC1021				X		
FXDS-COM / FXDS-COM DYNA / FXST SOFTAIL / FXSTB SOFTA- IL / FXSTB NIGHT TRAIN		99->			OC1021				X		
FXDXT DYNA T-SPORT / FXST SOFTAIL / FXSTD SOFTAIL DEUCE / FXSTS SOFTAIL		00->03			OC1021				X		
FXR		82->94			OC1021				X		
FXRS / FXRS-COM / FXRS-SP / FXRT / FXST SOFTAIL		87->92			OC1021				X		
FXSTB SOFTAIL		90->			OC1021				X		
FXSTC SOFTAIL / FXSTS SOF- TAIL		87->99			OC1021				X		
XL / XLH / XLS / XLX / FLHTC ELECT GLD CLSC 1100 W		84->			OC1021				X		
XLC / XLCH		93->94			OC1021				X		
<b>HITACHI</b>											
CARREGADEIRA LX100-3					LX3613						
CARREGADEIRA LX702	WO4CT				LX3616						
ESCAVADEIRA 344G/444G	JOHN DEERE 4276T/4045T				LX3614						
ESCAVADEIRA 450 / EX2005 / EX210(LC) H-5 / EX210H-5 / EX210LC-5 EP14MUP / ZX200LC / ZX200LC-E / ZX225 / EX200-5	ISUZU 6BG1				LX3616						
ESCAVADEIRA 450 / EX2005 / EX210(LC) H-5 / EX210H-5 / EX210LC-5 EP14MUP / ZX200LC / ZX200LC-E / ZX225 / EX200-5	ISUZU 6BG1				LX3616						
ESCAVADEIRA EG70R / EX200LC-5 / EX255 / EX225USR P14WUP / EX285 / ZX225USR-E (LC) ZAXIS SERIES / ZX225USR (LC) / ZX210 P1G6UP / ZX200 P1G6UP / ZX210W	ISUZU 6BG1T				LX3616						
ESCAVADEIRA EX 225USR/EX SERIES	ISUZU 6BG1-T TQA04				LX3616				X		
ESCAVADEIRA EX200-2	ISUZU 6BD1				LX3614						
ESCAVADEIRA EX200-2 / EX200 -3	ISUZU 6BD1 / 6BD1T				LX3614						
ESCAVADEIRA EX2002	ISUZU 6BD1-T				LX3616						
ESCAVADEIRA EX2005 / EX210LCH-5 / EX2203 / EX220LC-5 / EX230LC-5 / EX230LCH-5 / EX295 / ZX210H / ZX210K / ZX210LC / ZX210LCH / ZX210LCK / ZX225-E / ZX225LC- E / ZX225US / ZX225USLC					LX3616						
ESCAVADEIRA EX200LC SERI- ES III / EX200LC-3 / EX2002					LX3614						
ESCAVADEIRA EX220-2 / EX220 -2 P15BUP / EX220-3 P15DUP / EX2202 / EX2702	HINO H06C-T				LX3616						
ESCAVADEIRA EX220-5 EP15SUP / EX230H-5 EP15SUP / EX270H-5 P15JUP / EX280H-5 P15JUP	HINO H07CT				LX3616						
ESCAVADEIRA EX230LC(H)-5 EX SERIES / EX220(LC)-5 / EX230-5 / EX270-5	HINO H07C-TD				LX3616						
ESCAVADEIRA EX255 EX SERI- ES	ISUZU 6BG1-TRA05				LX3616						
ESCAVADEIRA EX285	ISUZU 6BG1-TRA06				LX3616						
ESCAVADEIRA LX70-2 P41NUP / LX70-2C P41TUP	HINO W04CT				LX3614						
ESCAVADEIRA LX80-2 P41RUP / LX80-2C P41UUP	HINO W04DT				LX3614						





(1) Tipo Exportação

(2) Opcional

(3) Com Ar

(4) Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>HITACHI</b>											
ESCAVADEIRA ZAXIS 200LC / ZX200(LC) ZAXIS SERIES / ZX200(LC)-E / ZX200(LC) / ZX210(LC)H / ZX210(LC)K	ISUZU 6BG1TRA		LX3616								
ESCAVADEIRA ZAXIS 270LC	ISUZU		LX3616								
ESCAVADEIRA ZX 160W / ZX 180W	ISUZU AA 4BG1 / AA 4BG1TC		LX3616								
ESCAVADEIRA ZX 200(LC)-3 ZAXIS SERIES / ZX 210(LC)K-3 / ZX 225US(LC)-3 / ZX 225USRK (LC)-3 / ZX210(LC)H-3 / ZX 225USR(LC)-3	ISUZU 4HK1 XYSA-02		LX3616								
ESCAVADEIRA ZX 240(LC)H ZAXIS SERIES / ZX 240(LC)K	ISUZU CC 6BG1 TRA01		LX3616								
ESCAVADEIRA ZX 270(LC) ZAXIS SERIES	ISUZU 6BG1 TRA02		LX3616								
ESCAVADEIRA ZX130W	ISUZU 4BG1T		LX3616						X		
ESCAVADEIRA ZX225US(LC)-E ZAXIS SERIES / ZX225US(LC) /	ISUZU 6BG1T TRA03		LX3616								
GUINDASTE DE ESTEIRA SCX 550-3 SCX SERIES / SCX 700C-3 / SCX550-3 / SCX700C-3	ISUZU 4HK1		LX3616								
LX290 / E / E-2	ISUZU 6SD1 XQF	2004	LX3605						X		
ZX450 H/LC/LCH/MTH/T	ISUZU 6WG1		LX3605						X		
ZX500 H/LCH	ISUZU 6WG1		LX3605						X		
ZX600 /LC	ISUZU 6WG1		LX3605						X		
ZX650 H/LCH	ISUZU 6WG1		LX3605						X		
ZX650 H/LCH	ISUZU BB6WG	2001	LX3605						X		
<b>HOLMAN</b>											
20-13, 13P Compressores	Ford 592E	78->79			OX18D				X		
400CR	Cummins V-504				OX198D OX218D	KC133			X		WFC1-REFRIG.
<b>HONDA</b>											
Accord	1.6	79->84	LX905/1						X		
Accord	1.6 12V / EZ	84->86			OC205				X		
Accord	1.8 F18 Z1	96->			OC205	KL185					
Accord	1.8 / 1.8 12V / 1.8 16V / 1.8 16V VTEC	84->			OC205				X		
Accord	2.0 16V	2006->2007							LA122/S		
Accord	2.0 16V	2008->							LA122/S		
Accord	2.0 16V Inj. / Coupê	96->			OC205	KL185					
Accord	2.0 16V / 16V VTEC/ Carb.16V / Inj.	89->			OC205						
Accord	2.0 TDI	99->				KL41					
Accord	2.2 Inj. 16V	89->94			OC205						
Accord	2.2 Inj. 16V / 16V VTEC	94->			OC205	KL185					
Accord	2.3 Inj. 16V / SR	92->			OC205						
Accord	3.0 V6	98->			OC205						
Accord	3.5 16V	2008->							LA122/S		
Accord	2.2i ES - CE1 - F22B5	09/93->			OC115						
Accord Aerodeck	2.2	91->94			OC205	KL185					




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			1°	2°	1°	2°	1°	2°			
<b>HONDA</b>											
Accord Aerodeck / LX	2.0 Carb.12V / Inj. /Inj.16V	10/85->90			OC205				X		
Accord Coupe	EX	01/91->12/98			OC600						
Accord DX-LX-EX4	2.2L 16V	92->			OC115						
Accord EX / EZ	1.6 12V	84->			OC205				X		
Accord LX / EXR / EX Coupe Sedan		94->97			OC205		KL185				
Accord Sedã	EXR	01/95->12/01			OC600						
Accord Sedã EX	Motor 2.2 16V	01/91->12/04			OC600				LA122/S		
Accord Sedã EX	Motor 2.4	01/91->12/04			OC600				LA122/S		
Accord Sedã EX	Motor 2.7	01/95->12/96			OC600						
Accord Sedã EX	Motor 3.0 24V	01/95->12/96			OC600						
Accord Sedã LX	Motor 2.2 8V	01/92->12/95			OC600						
Accord Sedã LX	Motor 2.4 16V	01/92->12/95			OC600						
Accord Sedã LX, autom.	Motor 2.0 16V	01/06->			OC600				LA122/S		
Accord SW EX		01/91->12/95			OC600						
Accord SW LX		01/90->12/95			OC600						
Biz	125CC mix (álcool e gasolina)						KL741		X		
Biz ES/KS	125 cc	2006->	LX3106								
Bros 150	150CC mix (álcool e gasolina)	2009->					KL741		X		
BROS 150cc Gasolina (Injeção) / XRE 300cc Gasolina		2009->			OX410D		KL740		X		
CBX 250 Twister	250cc	2001->	LX3111		OX410D						
CG 125 Fan	125CC mix (álcool e gasolina)	2011->					KL741		X		
CG 150	150CC mix (álcool e gasolina)	2009->	LX3108				KL741		X		
CG Titan	150 cc	2004->	LX3108								
City	1.5 i-VTEC 16v Flex	2009->	LX3697				KL582 (Plus)		LA607		
Civic	1.2	75->77					KL222 KL63		X		
Civic	1.3 16V (Importado)	92->			OC115						
Civic	1.4	92->93	LX848								
Civic	1.4 16V Inj.	01/96->	LX848		OC205		KL185		LA82		
Civic	1.5	95->	LX848		OC205				LA82		
Civic	1.5 12V	84->87					KL222 KL63		X		
Civic	1.5 GTI Inj.12V	85->87			OC205				X		
Civic	1.6	86->87			OC205				X		
Civic	1.6 16V Inj. / VTEC	96->	LX848		OC205		KL185		LA82		
Civic	1.6 Vti / VTEC 16V	91->95	LX848		OC205				LA82		
Civic	1.6 Vti / VTEC 16V	96->			OC205		KL185		LA82		
Civic	1.8 Vti / VTEC	05/97->	LX848		OC205		KL185		LA82		
Civic		95->							LA82		
Civic Coupe	1.6	99->00	LX1298		OC205		KL185		LA82		
Civic Coupe EX/EXS	1.6 16V	01/91->12/98			OC600				LA82		





(1) Tipo Exportação

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APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR						HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°			
<b>HONDA</b>									
Civic Coupe / Sedan EX	1.6 16V	98->00	LX1298		OC205		KL185	LA82	
Civic Coupe/ Civic Sedan/ Hatchback	1.6	96->00						LA82	
Civic CRX / Targa VTI		01/93->12/95			OC600			LA82	
Civic DL / DX	1.3 16V (Importado)	92->			OC115				
Civic Esi	1.6 VTEC Inj.	91->94	LX848		OC205			LA82	
Civic Esi	1.6 VTEC Inj.	01/95->12/95	LX848		OC205		KL185	LA82	
Civic EX	1.6 16V	98->00					KL185	LA82	
Civic EX	1.6/ 1.6 16V	96->98						LA82	
Civic EX / Aut.	1.6 16V	01/97->12/00			OC600			LA82	
Civic EX / Aut.	1.7 16V	01/01->12/05	LX1689		OC259 OC600			LA122/ S	
Civic EX/EXS	1.6 8V	01/92->12/97			OC600			LA82	
Civic Hatch DX		01/92->12/95			OC600			LA82	
Civic Hatch LSi		01/91->12/95			OC600			LA82	
Civic Hatch LX, Autom.		01/92->12/06			OC600			LA82	
Civic Hatch Si		01/93->12/95			OC600			LA82	
Civic Hatch VTI		01/92->12/98			OC600			LA82	
Civic LS	1.5 VTEC Inj.	96->			OC205			LA82	
Civic LS / SRI	1.6 16V Inj. / VTEC	95->	LX848		OC205			LA82	
Civic Lsi	1.5	01/95->12/95	LX848		OC205		KL185	LA82	
Civic Lsi	1.5 / Vei / VTEC Inj.	12/91->12/94	LX848		OC205			LA82	
Civic LX	1.5	01/92->12/97			OC600			LA82	
Civic Nacional	1.6	2001->					KL185	LA82	
Civic Sedã LX / LXL / Aut.	1.7 16V	01/01->12/05	LX1689		OC259 OC600			LA122/ S	
Civic Sedã LXB	1.6 16V	01/97->12/00	LX1689		OC115		KL185	LA82	
Civic Sedã LXB	1.7 16V	01/01->12/05	LX1689		OC259 OC600			LA122/ S	
Civic Sedã LXL / Aut.	1.7 16V	01/05->12/06	LX1689		OC259 OC600			LA122/ S	
Civic Sedan/ Hatchback	1.6	96->00			OC205		KL185	LA82	
Civic Shuttle	1.4 / 1.6	88->91			OC205			X	
Civic VI	1.6i - D16Y7	11/95->04/01	LX1298		OC115			LA82	
Civic VI LX	1.6/ 1.6 16V	01/99->12/00	LX1298				KL185	LA82	
Concerto GL	1.4 / 1.4 16V	89->			OC205			X	
CRV		95->						LA82	
CRV ES / LS 4X4	2.0 Inj.	97->			OC205		KL185	LA82	
CRV (LX/LXS) Aut./Mec.	2.0 16V Flex	2008->	LX3007		OC259 OC600			LA344	
CRX Esi	1.6 Inj.16V	91->	LX848		OC205			X	
Fit	1.4 SOHC iDSI 8V	04/03->	LX1993		OC259				
Fit	1.5L	2006->2008			OC259 OC600			LA668	
Fit EX	1.5	06/- 2005->			OC259 OC600			LA668	
Fit Flex (LX / LXL)	1.4 8v	01/04->	LX1993		OC259 OC600		KL635	LA668	
Fit Todos (adaptação)		2003->2007						LA155	





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>HONDA</b>											
Fit (LX / LXL / Aut.)	1.4 8v	01/04->	LX1993		OC259 OC600				LA668		
Foreman / TRX400FW Fourtrax		1995->2003			OX410D						
Integra	1.5 Carb./ Inj. 12V	88->89			OC205				X		
Legend	3.5 V6 24V Inj.				OC205	KL185			X		
Legend		92->			OC205				X		
Motos (Diversas)	400c.c ->	69->			OC1019				X		
New Civic Sedã EXS / LX / Aut.	1.8L 16V	01/07->	LX1645		OC259 OC600				LA344		
New Civic Si	2.0L 16V		LX1645		OC259 OC600				LA344		
New Civic (EXS/LXS) Aut./Mec.	1.8L 16V Flex	2013->	LX3712		OC259 OC600	KL582 (Plus)			LA344		
New Civic (EXS/LXS) Aut./Mec.	2.0L 16V Flex	2013->	LX3712		OC259 OC600	KL582 (Plus)			LA344		
New Civic (sedã EXS / LXS / autom.)	1.8L 16v Flex	01/07->	LX1645		OC259 OC600	KL635			LA344		
New Fit	1.4 16V i-VTEC Flex	2009->			OC259 OC600	KL582 (Plus)			LA607		
New Fit	1.5 16V i-VTEC Flex	2009->	LX3697		OC259 OC600	KL582 (Plus)			LA607		
NT650 Hawk GT		1988->1991			OX410D						
NX350 Sahara		1990->1999			OX410D						
NX4 Falcon		1999->			OX410D						
NXR 125 Bros ES/KS	125cc	2003->2005	LX3109								
NXR 150 Bros ES/ESD/KS	125cc	2003->	LX3109								
POP 100 OHC	100cc	2007->	LX3109								
Prelude todos	1.8 / 2.0 / 2.2 / 2.3	92->95			OC205				X		
Shuttle	2.1 Mpi 16V	95->			OC205				X		
TRX350 Fourtrax FM/TM Quadriciclo		2004->			OX410D						
TRX400EX Fourtrax		1999->			OX410D						
TRX400EX Sportrax		2000->2003			OX410D						
TRX450 Fourtrax / Foreman S/ES		1998->2002			OX410D						
XL250R		1984->1987			OX410D						
XL350R		1984->1990			OX410D						
XLX250R		1995->			OX410D						
XLX350R		1990->1991			OX410D						
XR250 Tornado		2001->	LX3107		OX410D						
XR250L		1991->1996			OX410D						
XR350		1995->			OX410D						
XR400R		1996->2002			OX410D						
XR600R		1985->1998			OX410D						
XR650L		1993->2003			OX410D						
XR650R		2000->2003			OX410D						
<b>HOSS VOEGELE</b>											
F2, F3, F3E, F3MG, F4	VW 1300		LX903/1						X		





(1) Tipo Exportação

(2) Opcional

(3) Com Ar

(4) Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°					
<b>HOSS VOEGELE</b>											
F5ED, F5MD, F6ED	MB OM314	83->	LX200 LX200/1	LXS40/1	OX199D		KX43 KX35		X		
F5ED, F5MD, F6ED	MWM D225/4				OC26		KX23		X		
F9ED, F9MD	MB OM352	83->	LX243	LXS37/1	OX199D		KX43 KX35		X		
<b>HUBER WABCO</b>											
10DM	MB OM326						KX44	KX44	X		
130M	MB OM325A		LX265		OX197D		KX43 KX35		X		
130M	MB OM352	78->	LX243	LXS37/1	OX197D		KX43 KX35		X	HX51D	
130M, 140M	MB OM352A		LX243	LXS37/1	OX197D		KX43 KX35		X	HX51D	
140M	MB OM352		LX265	LXS37/1	OX197D		KX43	KX43	X		
140M	MB OM352A	78->79	LX243		OX197D		KX43 KX35		X		
140M	MB OM355/6	80->	LX227	LXS42/1	OX75D				X	HX51D	
140M, 20M; Motoniveladoras	MB OM326		LX227				KX44		X	HX51D	
140S, 165S, 165SSA, 225SSA	Scania D11	75	LX271/2	LXS43/1					X	HX51D	
205C	Cummins 6CT8-3				OC319		KC113		X		
205S	Scania D11			LXS43/1			KC113		X		
Guindaste AY-AX Kranekan	MB OM314	83->	LX200 LX200/1	LXS40/1	OX199D		KX43 KX35		X		
<b>HUMMER</b>											
H3 Aut./Mec.	5.3 V8	2008->2009			OC1239						
<b>HUSQVARNA</b>											
TRATOR KAWASAKI	PZ6034FX / PZ6034FXZT		LX3619								
<b>HYSTER</b>											
35XL (ISUZU)			LX3714								
44.16	CUMMINS QSM11-C		LX3605						X		
H110, 130, 150F			LX200 LX200/1		OC114				X		
H110, 130, 150F/J	Perkins 4236		LX275						X		
H225	Perkins 4236		LX275	LXS5/1	OC324		KX23		X		
H225E	Perkins 6354						KX23		X		
H40, H50, H60K, H40K	GM 4151				OC301				X		
H50K	Perkins 4203 serie JD8378P				OX18D		KX23		X		
H50K		->77	LX200 LX200/1						X		
H55N			LX200 LX200/1		OC301				X		
H80J	Perkins serie GSY-2084V				OX18D		KX23		X		
K110A	GM Gasolina		LX902/1		OC301				X		
K110A Guindastes	Perkins 3152	->75			OX18D				X		
K220V	Perkins serie A137Y-1553B		LX275		OC324		KX23		X		





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			1°	2°	1°	2°	1°	2°	1°	2°		
<b>HYUNDAI</b>												
Accent Todos	1.3 / 1.5	91->			OC205				X			
Azera	3.3L V6 24v	10->			OX351D				LA886			
Azera (Sedã/GLS) Aut.	3.0L V6 24v	2012->	LX3716									
Azera (Sedã/GLS) Aut.	3.3L V6 24v	01/07->10	LX3506		OX773D				LA343			
Coupê	1.6 / 2.0	96->			OC205				X			
Elantra	2.0L 16V Flex	2012->							LA955			
Elantra Todos	1.5 / 1.6 / 1.8 / 2.0 Inj.	94->98			OC205							
Galoper	2.5 TD	94->	LX3714									
Galoper	2.5 (DC4B)	02/-2003->04/2004	LX3714									
Galoper II	2.4 Super Diesel	97->	LX1064		OC274				X			
Galoper II	2.4L Diesel	93->				KC46			X			
Galoper II	2.5 Diesel D4Vx	93->			OC274	KC83			X			
Galoper II	2.5 Diesel Van Grace	94->			OC274	KC83			X			
Galoper II	2.5D D4BA	12/94->			OC274	KC83			X			
Galoper II	2.5TD/Tdi	98->			OC274				X			
Genesis	2.0 T	01/-2008->							LA301			
Genesis	3.8 V6	01/-2008->							LA301			
H 100	Diesel	94->	LX200 LX200/1		OC274	KC46			X			
H 100 / D4Vx / Super / Van Grace	2.4 / 2.5	94->			OC274 OC205	KC46			X			
HB20	1.0L 12v Flex	2012->					KL583 (Plus)		LA301			
HB20	1.6L 16v Flex	2012->	LX3452				KL583 (Plus)		LA301			
HD78 - Aut./Mec.	3.0 Diesel	2012->	LX3779									
HR	2.5L TDI	06->	LX3236				KC46		X			
I20	2.0L	2009->	LX2739									
I30	2.0L 16v	2009->	LX3505		OC505 PLUS				LA648			
I40	1.6L GDI	03/-2012->							LA301			
I40	1.7L CRDI	03/-2012->							LA301			
I40	2.0L GDI	03/-2012->							LA301			
IX35	2.0L 16v	01/-2010->							LA301			
Pony X2 S / LS / Gsi	1.3 Carb. 4 Cil. / 1.5 4Cil.	90->94			OC205				X			
PORTER	2.5 (DC4B)	02/-2003->04/2004	LX3714									
S Coupê	1.5 Mvi / MVTi 12V	92->			OC205				X			
Santa Fé	2.7L V6	08/09->							LA886			
Santa Fé	2.7L V6 24V	03/06->12/09	LX3509				KI24		LA343			
Santa Fé	2.7L V6 24V	2006->2011	LX3509				KI24					
Santa Fé GLS Tiptronic	2.4 V6 FLEX	2012->	LX3716						LA104 8			
Santa Fé GLS Tiptronic	2.7 V6 24V G6BA-G	00->05							LA444/ S			
Santa Fé GLS Tiptronic	3.5 V6 24V	2010->	LX3716						LA104 8			
Sonata	2.4L 16v	10->							LA819			

(1) Tipo Exportação

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APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>HYUNDAI</b>											
Sonata GLX / CD	2.0 Inj. 16V 4 Cil./ 2.4 / 3.0 V6 MPI /	89->			OC205				X		
Sonata (GLS)	3.3L V6 24V	06/05->	LX3506		OX773D				LA343		
Stellar GLS	1.8				OC318				X		
Tropper Wagon		85->			OC318						
Truck		->97	LX1064						X		
Tucson	2.0 CRDI 16V	2005->	LX1785						LA301		
Tucson	2.0 i	2006->	LX1785						LA301		
Tucson	2.0 i	2004->2006	LX1785						LA301		
Tucson	2.0 i gasolina	2004->2006							LA608		
Tucson	2.0L 4CC 16V	07->	LX1785		OC505 PLUS				LA608		
Tucson	2.0L Flex	2012->					KL583 (Plus)				
Tucson	2.7 V6	2004->2005	LX1785						LA608		
Tucson	2.7 V6	2006->	LX1785						LA301		
Van Grace					OC274		KC46				
Vera Cruz	3.8	08/07->	LX3691								
Vera Cruz	3.8L V6	10->			OX351D						
Vera Cruz	3.8L V6	08/07->10	LX3691		OX773D				LA643		
<b>IDEAL</b>											
130M	MB OM352		LX265	LXS37/1	OX197D	KX43 KX35			X		
CA1170, CA1175	MWM D225/6	86->		LXS41/1	OC26	KX43 KX35			X		
CA1170, CA1175	MWM D229/6			LXS41/1	OC60	KX43 KX35			X		
CA1170, CA1175	Perkins 6358	86->			OC308	KX23			X		
CA875, CA1140	MWM D226/4	80->86		LXS41/1	OC26	KX43 KX35			X		
CA875, CA1140	MWMD222/4	->79			OX47D				X		
<b>INFINITI</b>											
FX 35 (AWD/RWD)	3.5 V6 24V	04->08							LA1040		
FX 45 (AWD/RWD)	4.5 V8 24V	03->08							LA1040		
G 35 (Coupé/Sedã)	3.5 V6 24V	06->08							LA1040		
<b>INGERSOLL RAND</b>											
DR125	Deutz F4L-912				OC26	KC113			X		
DR125, DR160	Perkins 4203				OX18D	KX23			X		
DR250	Perkins 6357				OX200D	KX23			X		
DR4	Caterpillar 343TA				OX217D	KC114			X		
DR85	Perkins 4203	75->76			OX18D	KX23			X		
DXL175	Hercules D2300					KX23			X		
XL350L	Perkins 6357				OX200D	KX23			X		
XL750	Scania D11				OC18	KC113			X		

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			1°	2°	1°	2°	1°	2°			
<b>INGERSOLL RAND</b>											
XL750	Scania D11				OC18		KC113		X		
<b>IVECO</b>											
170E25	Tector 6cil.	01/09->	LX1070	LXS261	OC502		KC186 KC440		X		AL12- DESUM.
170E25T	Tector 6cil.	01/09->	LX1070	LXS261	OC502		KC186 KC440		X		AL12- DESUM.
240E25	Tector 6cil.	01/09->	LX1070	LXS261	OC502		KC186 KC440		X		AL12- DESUM.
240E25S	Tector 6cil.	01/09->	LX1070	LXS261	OC502		KC186 KC440		X		AL12- DESUM.
260E25	Tector 6cil.	01/09->	LX1070	LXS261	OC502		KC186 KC440		X		AL12- DESUM.
450E33T	CURSOR 8 7.8L	10/09->	LX1070		OC502		KC186		X		
CURSOR 330		2011->					KC497D		X		
Daily	2.8 Diesel	98->	LX610		OC248				LA123	HX15	
Daily	2.8L 8v SOHC L4 CC35.13 HM2800 RS (Diesel)						KX269		LA123		
Daily	2.8L 8v SOHC L4 CC35.13 HM3300 RS (Diesel)						KX269		LA123		
Daily	2.8L 8v SOHC L4 CC35.13 HM3600 (Diesel)						KX269		LA123		
Daily	2.8L 8v SOHC L4 CC40.13 HM3300 (Diesel)						KX269		LA123		
Daily	2.8L 8v SOHC L4 Furgão 40.13 HMY (Diesel)						KX269		LA123		
Daily	3.0L Turbo Eletrônica	2008->							LA439		
Daily	Truck 81440 - 2.3	97->					KX269		LA123		
Daily 35 S 14	F1C 3.0 16V TB-IC Eletrônico	01/08->	LX2532		OC613		KC182 KC214		LA123	HX15	
Daily 35.10	8140.23	05/02->	LX2532		OC248				LA123	HX15	
Daily 35.10	8140.23	01/96- >04/02	LX610		OC248		KX269		LA123	HX15	
Daily 35.13	8140.43S	01/96- >04/02	LX610		OC248		KC182 KC186		LA123	HX15	
Daily 35.13	8140.43S	05/02->	LX2532		OC248		KC182 KC186		LA123	HX15	
Daily 38.13	8140.43S	01/05->	LX2532		OC248		KC182 KC186		LA123	HX15	
Daily 40.13	8140.43S	01/05->	LX2532		OC248		KC182 KC186		LA123	HX15	
Daily 45 S 14	F1C 3.0 16V TB-IC Eletrônico	01/08->	LX2532		OC613		KC182 KC214		LA123	HX15	
Daily 50 C 16	F1C 3.0 16V TB-IC Eletrônico	01/08->	LX2532		OC613		KC182 KC214		LA123	HX15	
Daily 50.13	8140.43S	01/03->	LX2532		OC248		KC182 KC186		LA123	HX15	
Daily 55 S 14	F1C 3.0 16V TB-IC Eletrônico	01/08->	LX2532		OC613		KC182 KC214		LA123		
Daily 60.13 (Scudato)	8140.43S	01/06->	LX2532		OC248		KC182 KC186		LA123	HX15	
Daily 70 C 16	F1C 3.0 16V TB-IC Eletrônico	01/08->	LX2532		OC613		KC182 KC214		LA123	HX15	
Daily 70.13	8140.43S	01/05->	LX2532		OC248		KC182 KC186		LA123	HX15	
Daily Truck	8140.23	97->	LX610		OC248				LA123	HX15	
Euro Cargo 120E15	Iveco 8060.25V 5.9L	01/99->	LX227	LXS42/1	OC248		KC18 KC186 KC125/1		X	HX15	AL12- DESUM.
Euro Cargo 150E18	Iveco T. 8060 25V 5.9L	09/91->	LX227	LXS42/1	OC248		KC18 KC125/1 KC186		X	HX15	AL12- DESUM.
Euro Cargo 160E21	Iveco T.C. 8060 45V 5.9L	01/98- >05/06	LX227	LXS42/1	OC248		KC125 KC186		X	HX15	AL12- DESUM.
Euro Cargo 160E21	Iveco T.C. 8060 45V 5.9L	06/06->	LX1070	LXS261	OC248		KC125 KC186		X	HX15	AL12- DESUM.
Euro Cargo 170E22	Tector F4AE0681D	01/04- >05/06	LX227	LXS42/1	OC502		KC186 KC440		X		HX15-DIR. AL12- DESUM.





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			1°	2°	1°	2°	1°	2°			
<b>IVECO</b>											
Euro Cargo 170E22	Tector F4AE0681D	06/06->	LX1070	LXS261	OC502		KC186 KC440		X		HX15-DIR. AL12- DESUM.
Euro Cargo 180E32	CURSOR 8	06->			OC1178				X		
Euro Cargo 230E22	Tector F4AE0681D	01/05- >05/06	LX227	LXS42/1	OC502		KC186 KC440		X		HX15-DIR. AL12- DESUM.
Euro Cargo 230E22	Tector F4AE0681D	06/06->	LX1070	LXS261	OC502		KC186 KC440		X		HX15-DIR. AL12- DESUM.
Euro Cargo 230E24	Tector F4AE0681D	01/05- >05/06	LX227	LXS42/1	OC502		KC186 KC440		X		HX15-DIR. AL12- DESUM.
Euro Cargo 230E24	Tector F4AE0681D	06/06->	LX1070	LXS261	OC502		KC186 KC440		X		HX15-DIR. AL12- DESUM.
Euro Cargo 450E32	CURSOR 8	06->			OC1178				X		
Euro Cargo 450E32T	CURSOR 8 7.8L	11/06->			OC1178		KC125/1		X		
Euro Mover	CURSOR 8	05->			OC1178				X		
Euro Tech	CURSOR 8	1998->			OC1178				X		
Euro Tech	CURSOR E0618D	1998->			OC1178				X		
Euro Tech	CURSOR E0681/A/B/C/F	1998->			OC1178				X		
Euro Tech 450E37T	Iveco 8210-42K	99->					KC125/1		X		
Euro Trakker 180E25/ 190E31/ 260E35/ 340E35/ 410E35/ 440E35	CURSOR 8	99->04			OC1178				X		
Euro Trakker 190E35	CURSOR E0681A	99->04			OC1178				X		
Euro Trakker 340E35H / 380E35H	CURSOR 8	1999->			OC1178				X		
Euro Trakker 380E37H	Iveco 8210-42K	01/04->					KC125/1		X		
Euro Trakker 380T38	CURSOR 13 (F3BE0681G)	01/04->					KC125/1		X		
Euro Trakker 450E37HT	Iveco T.C. 8210-42K 13.8L	99->	LX273	LXS44/1	OC267		KC125 KC125/1		X	HX15	
Euro Trakker 720E42HT	CURSOR 13 (F3BE0681G)	05/06->					KC125/1		X		
STRALIS		08->							LA170		
STRALIS - HD 380	CURSOR 13 (F3BE0681G)	09/06->	LX2082/1		OC1178		KC125/1 KC171		X	HX15-DIR.	AL12- DESUM.
STRALIS - HD 380	CURSOR 13 (F3BE0681G)	->08/06	LX626		OC1178		KC125/1 KC171		X	HX15-DIR.	AL12- DESUM.
STRALIS - HD 450 E38	CURSOR 13 (F3BE0681G)	09/06->	LX2082/1		OC1178		KC125/1 KC171		X	HX15-DIR.	AL12- DESUM.
STRALIS - HD 450 E38	CURSOR 13 (F3BE0681G)	08/05->	LX626		OC1178		KC125/1 KC171		X	HX15-DIR.	AL12- DESUM.
STRALIS - HD 450 S38T	CURSOR 13 (F3BE0681G)	09/06->	LX2082/1		OC1178		KC125/1 KC171		X	HX15-DIR.	AL12- DESUM.
STRALIS - HD 450 S38T	CURSOR 13 (F3BE0681G)	->08/06	LX626		OC1178		KC125/1 KC171		X	HX15-DIR.	AL12- DESUM.
STRALIS - HD 450 S42T	CURSOR 13 (F3BE0681V)	09/06->	LX2082/1		OC1178		KC125/1 KC171		X	HX15-DIR.	AL12- DESUM.
STRALIS - HD 450 S42T	CURSOR 13 (F3BE0681V)	->08/06	LX626		OC1178		KC125/1 KC171		X	HX15-DIR.	AL12- DESUM.
STRALIS - HD 490 S38T	CURSOR 13	01/08->	LX2082/1		OC1178		KC125/1 KC171		X	HX15-DIR.	AL12- DESUM.
STRALIS - HD 490 S42T	CURSOR 13	01/08->	LX2082/1		OC1178		KC125/1 KC171		X	HX15-DIR.	AL12- DESUM.
STRALIS - HD 570 S38T	CURSOR 13 (F3BE0681G)	09/06->	LX2082/1		OC1178		KC125/1 KC171		X	HX15-DIR.	AL12- DESUM.
STRALIS - HD 570 S38T	CURSOR 13 (F3BE0681G)	->08/06	LX626		OC1178		KC125/1 KC171		X	HX15-DIR.	AL12- DESUM.
STRALIS - HD 570 S42T	CURSOR 13 (F3BE0681V)	09/06->	LX2082/1		OC1178		KC125/1 KC171		X	HX15-DIR.	AL12- DESUM.
STRALIS - HD 570 S42T	CURSOR 13 (F3BE0681V)	->08/06	LX626		OC1178		KC125/1 KC171		X	HX15-DIR.	AL12- DESUM.
STRALIS - HD 740 S42T	CURSOR 13 (F3BE0681V)	09/06->	LX2082/1		OC1178		KC125/1 KC171		X	HX15-DIR.	AL12- DESUM.
STRALIS - HD 740 S42T	CURSOR 13 (F3BE0681V)	->08/06	LX626		OC1178		KC125/1 KC171		X	HX15-DIR.	AL12- DESUM.
VERTIS 130V18		2011->					KC497D		X		





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO / HYDRAULIC	OUTROS / OTHER
			1°	2°	1°	2°	1°	2°			
<b>IVECO</b>											
VERTIS 90V16		2011->					KC497D		X		
<b>JAC MOTORS</b>											
J3 / J3 Turin	1.4L VVT 16v 108cv	2011->					OC18			LA698	
<b>JAGUAR</b>											
XF Automático	3.0 V6 Diesel	2009->					OX1042D				
<b>JOHN DEERE</b>											
1270D / 1710D							OX972D			X	
250D / 300D (Caminhão Basculante)	John Deere 6081H							KL870		X	
350DCL			LX3620							X	
350DLC (ESCAVADEIRAS)	JOHN DEERE 6090H		LX3619								
444K (Pá Carregadeira)	John Deere 4045H							KL870		X	
524K / 544K / 624K / 644K (Pá Carregadeira)	John Deere 6068H							KL870		X	
5730; 6810; 6910; 862; 8760; 8850; 8960; 5820; 5830.							OC532			X	
670G / 670GP / 672G (Máquina de Esteira)	John Deere 6068 PowerTech							KL870		X	
724K / 744K (Pá Carregadeira)	John Deere 6090H							KL870		X	
770G / 770GP / 772G / 772GP (Máquina de Esteira)	John Deere 6090H							KL870		X	
8120	2001 200HP						OX972D			X	
824K / 844K (Pá Carregadeira)	John Deere 6135H							KL870		X	
8320	6081H 2001 250HP						OX972D			X	
8320 T							OX972D			X	
844J (Pá Carregadeira)	John Deere 6125 PowerTech							KL870		X	
870G / 870GP / 872G / 872GP (Máquina de Esteira)	John Deere 6090H							KL870		X	
9120							OX972D			X	
9750 STS							OX972D			X	
AL77061, CASE X724693, DO-NALDSON P164381										X	HC103
CARREGADEIRA 444H LL / 444H / 444HTC	4045 POWERTECH		LX3613								
CARREGADEIRA 444J	4045H		LX3613								
CARREGADEIRA 544H / 544HLL / 624H / 624HLL	6068H/T / 6068 POWERTECH		LX3613								
CARREGADEIRA 544HTC / 624J / 644J / 724J / 744J / 744HMH / 844J / TC54H			LX3613								
CARREGADEIRA 544J	6068H		LX3613								
CARREGADEIRA 644H / 600 SERIES			LX3613								
CARREGADEIRA 744H	6125H POWERTECH		LX3613								
CARREGADEIRA 744H / 744J / 824J	6125A POWERTECH / 6125 POWERTECH		LX3613								
CARREGADEIRA 824J	6125H1 / 6125 POWERTECH		LX3613								
CARREGADEIRA 824J / 800 SERIES			LX3613								
CARREGADEIRA TC44H	4045T POWERTECH		LX3613								
CARREGADEIRA TC62H	6068T POWERTECH		LX3613								





(1) Tipo Exportação

(2) Opcional

(3) Com Ar

(4) Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>JOHN DEERE</b>											
SÉRIE 3000 - 3120 (Tratores)		01/05->	LX2959						X		
SÉRIE 5000 - 5103 (Tratores)		01/03->	LX2959						X		
SÉRIE 5000 - 5105 (Tratores)		01/00->	LX2959						X		
SÉRIE 5000 - 5200 (Tratores)		01/92-> 12/97	LX2959						X		
SÉRIE 5000 - 5203 (Tratores)		01/03->	LX2959						X		
SÉRIE 5000 - 5205 (Tratores)		01/00->	LX2959						X		
SÉRIE 5000 - 5210 (Tratores)		01/98-> 12/00	LX2959						X		
SÉRIE 5000 - 5300 (Tratores)		01/92-> 12/97	LX2959						X		
SÉRIE 5000 - 5403	JD3029T	2002->	LX3190	LXS292					X		
SÉRIE 5000 - 5603	JD4045D - Série 350	2002->	LX3190	LXS292					X		
SÉRIE 5000 - 5605	JD4045D	2002->	LX3190	LXS292					X		
SÉRIE 5000 - 5705	JD4045T - Série 350	2002->	LX3190	LXS292					X		
SÉRIE 6000 - 6405	JD4045T	2002->							X	HC112	
SÉRIE 6000 - 6600	JD6059T	1996->							X	HC112	
SÉRIE 6000 - 6605	JD6068T	1996->							X	HC112	
SÉRIE 7000 - 7500	JD6059T	1996->							X	HC112	
SÉRIE 7000 - 7505	JD6068T	2002->							X	HC112	
SÉRIE 7000 - 7810	JD6068T	2001->							X	HC112	
SÉRIE 7000 - 7815	JD6068H								X	HC112	
SÉRIE STS 9000 (Colheitadeira de Grãos)			LX3561	LXS315					X		
Tratores 7715 / 7815 / 8230 / 8430	6068 T								LA676		
<b>KAWASAKI</b>											
Motos (Diversas)	400c.c ->	85->			OC1019				X		
<b>KIA MOTORS</b>											
Besta	2.7L	95->96	LX1068		OC274				X		
Besta Diesel	2.2L	92->	LX1097		OC318 OC239	KC46			X		
Besta GS	2.7L DIESEL		LX3689								
Besta GS Diesel	2.7L	97->	LX1094		OC299	KC132 KC46			X		
Besta GS Diesel	3.0L	99->00	LX1094		OC274 OC299	KC132			X		
Besta GS Diesel	3.0L	05->	LX1094			KC46			X		
Besta GS GRAND	3.0L DIESEL	2005->	LX3689								
Bongo K2700	2.7L Diesel	05->	LX3486						X		
Bongo K2700 / K3600	2.7L / 3.6L	97->99			OC299				X		
Bongo K2700 / K3600	2.7L / 3.6L	00->05			OC1062				X		
Cadenza	3.5L	10->							LA819		
Carens II	2.0L 16v	10- /2006->							LA301		
Carnival	3.8L V6 24v	06->			OX773D				LA298		





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			1°	2°	1°	2°	1°	2°			
<b>KIA MOTORS</b>											
Cerato	1.6L 16v	01- /2008->								LA301	
Cerato	1.6L 16v Gasolina	2007->								LA298	
Cerato (Modelo Novo)	1.6L 16V Flex	2013->								LA955	
Ceres - Pick-Up		92->								KC46	X
Clarus GLX	2.0i 16V (FE)	96->								OC205	X
Clarus (GLX / Wagon / Aut.)	2.0 16V	01/97- >12/00								OC195	X
K2500	2.5L HDI	08->	LX2689							KC46	X
K2700	2.7	97->								OC299	KC46
K3500 / K3600										OC299	X
Magentis	2.0L 16v	02/06- >12/08									LA343
Mohave	3.8L V6	2009->									LA298
Opirus	3.5L V6 24v (GL)	04->07									LA104 6
Opirus	3.8L V6 24v (G6DA)	08->								OX773D	LA104 6
Picanto	1.0 12V Flex	2012->									KL583 (Plus)
Picanto		2004->									LA649
Pride	1.3/ 1.3i									OC205	X
Sephia	1.6i B6	93->								OC205	X
Sephia SLX		01/93- >12/95								OC195	X
Sephia (GTX / LS / Aut.)	1.5 16V	01/93- >12/01								OC195	X
Sephia (GTX)	1.6	01/95- >12/95								OC195	X
Sorento	2.5L/3.5L V6 24v	01/04- >12/05									LA343
Sorento	3.5L	04->								OC235 OC506 PLUS	∞
Sorento	3.8L V6	06->								OX773D	∞
Sorento		2010->									LA298
Sorento CDRI (EX/LX/LXE) Aut./ Mec.	2.5 16V Diesel D4CB	2006->									LA444/ S
Sorento (S) Aut.	2.4 16V	2010->	LX3716								
Sorento (S/EX) Aut.	3.5 V6 24V	2011->	LX3716								
Soul	1.6L	2009->	LX2739								LA531
Soul	2.0L	2009->	LX2739								LA531
Sportage	2.0 16V	2005->	LX1785							OC259 OC600	LA301
Sportage	2.0 16V Flex	2011->									KL583 (Plus)
Sportage	2.2L Diesel	95->96	LX1821							OC318	KC46
Sportage	2.7 24v V6	2005->	LX1785							OC259 OC600	LA301
Sportage - Gasolina	2.0 16V DLX	92->	LX1097								KC132
Sportage - Gasolina	2.0L	01->								OC205	∞
Sportage - Gasolina	2.0L EFI	95->99	LX677							OC600	
Sportage DLX	2.0L Turbo Diesel	99->02	LX1821							OC318	X
<b>KIROVETS</b>											
K 3000 ATM: K 3140 ATM	Motor BF 6M 2012 C										KC8
											X





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APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>KIROVETS</b>											
K 3000 ATM: K 3160 ATM	Motor BF 6M 2012 C							KC8	X		
K 3000 ATM: K 3180 ATM	Motor BF 6M 2012 C							KC8	X		
<b>KOLBENCO</b>											
ESCAVADEIRA SK210MKVI	MITSUBISHI 6D34T		LX3614								
ESCAVADEIRA SK230-6			LX3614								
ESCAVADEIRA SK235SR S/N YF00101 / YU00101	MITSUBISHI 6D34TEA		LX3614								
<b>KOMATSU</b>											
D-Série 150/155 A-1 (Série 24 805)	S6D155					OC531			X		
D122									X	HC81	
D125/D125 A 18	Cummins					OX198D OX218D			X		
D150/D155A-1 (Após série 20000)	S6 D155 Komatsu Imp.		LX760	LXS299		OX217D OX198D			X		
D150/D155A-1 (Até série 19999)	S6 D155 Komatsu Imp.		LX760	LXS299		OX3D			X		
D150/D155A-1 (Série 24805)	S6 D155 Komatsu Imp.						KC133		X		
D155	S1 (série 20000-25483)/ S6D155 Komatsu Imp.					OX217D OX198D			X		
D155 A-1	Cummins NT855		LX760	LXS299		OX198D OX218D	KC133		X		WFC1-REFRIG. WFC3-PRECAR-GA
D30E - Tratores de esteira	MB OM352	82->	LX236	LXS41/1		OX197D	KX43 KX35		X		
D355 A-3 (Série 25899)	SA6 D 155 Imp.		LX760	LXS299		OX217D			X		
D355 A-3 (Série 25900)	SA6 D 155 Imp.		LX760	LXS299		OX198D OX218D	KC133		X		
D455 A-1	Cummins VTA 1710 Imp.		LX760	LXS299		OX198D OX218D			X		
D465 A-1	UTA 1710 Cummins Imp.					OX198D OX218D			X		
D50A	MB OM352A	01/77->	LX265	LXS37/1		OX197D	KX43 KX35		X		
D50A, 15C	MB OM352		LX265	LXS37/1		OX197D	KX43 KX35		X		
D50A, D50P (Serie 23892)	4 D130 Komatsu Imp.						KC133		X		
D50A, D50P, D50S	4 D120 Komatsu Imp.						KC133		X		
D50S 16 (Serie 23138)	4 D130 Komatsu Imp.						KC133		X		
D55 S-3	Adaptação motor Cummins					OX198D OX218D	KX92D		X		
D60A-3, D60A-6, D60S	Cummins					OX198D OX218D	KX92D		X		
D60E, D65E-6B	Cummins NT855		LX227	LXS42/1		OX198D OX218D	KC133		X		WFC1-REFRIG. WFC3-PRECAR-GA
D65A, D65E	Cummins Importado					OX198D OX218D	KX92D		X		WFC1-REFRIG. WFC3-PRECAR-GA
D75, S2	Cummins 855C					OX198D OX218D			X		WFC1-REFRIG. WFC3-PRECAR-GA
D75, S3 Turbo	NTO 6 CI Cummins Imp.								X		WFC1-REFRIG. WFC3-PRECAR-GA
D80 P-12 TURBO	NTO 6 CI Cummins Importado								X		WFC1-REFRIG. WFC3-PRECAR-GA




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			1°	2°	1°	2°	1°	2°				
<b>KOMATSU</b>												
D85A/ D85 E12 (Serie 146412)	NH220 CI Cummins Imp.				OX198D OX218D				X			WFC1-REFRIG. WFC3-PRECAR-GA
D85A/ D85 E12 (Serie 146413)	NH220 CI Cummins Imp.		LX241	LXS43/1	OX198D OX218D				X			WFC1-REFRIG. WFC3-PRECAR-GA
D95 S-2 (Série 153623)	Cummins NT 855		LX760	LXS299	OX198D OX218D	KC133			X			
Escavadeira 150 - SE 5	Cummins 5.9 B					KC6D			X			
PC200-6 / PC200-6A / PC200-6B / PC200LC-6 / PC200LL-6 / PC200Z-6 / PC200Z-6LE (Escavadeira)	Komatsu S6D102-1						KL870		X			
PC200-6 / PC200-6A / PC200-6B / PC200LC-6 / PC200LL-6 / PC200Z-6 / PC200Z-6LE (Escavadeira)	Komatsu S6D102E						KL870		X			
PC200-6 / PC200LC-6 (Escavadeira)	Komatsu S6D95L						KL870		X			
PC300HD-6 / PC300HD-6LE / PC300HD-6MH / PC300LC-6 / PC300LL-6(Escavadeira)	Komatsu SA6D114-1	04					KL870		X			
PC300HD-6 / PC300LC-6 (Escavadeira)	Komatsu SA6D114	04					KL870		X			
PC450LC-7		2005	LX3605						X			
<b>KRANE KAR</b>												
Krane Kar	MB OM314		LX200 LX200/1		OX199D	KX43 KX35			X			
<b>KUBOTA</b>												
R-SÉRIE - R520S (Maquinaria de Obras)		01/04->	LX2959						X			
<b>LADA</b>												
Laika Sedan 2105-3, Station Wagon 2104-3	1.5 / 1.6L	91->			OC23 OC506 PLUS	KL222 KL63			X			
Niva (Todos) 2121	1.6L	91->			OC23 OC506 PLUS	KL222 KL63			X			
Samara 2106, 2108-3, 2109, 2109-3	1.3 / 1.5L	->91			OC23 OC506 PLUS	KL222 KL63			X			
<b>LAMBORGHINI</b>												
Gallardo Aut.	5.0L	2003->							LA103 0S			
Gallardo Aut.	5.2L	2008->							LA103 0S			
<b>LAND ROVER</b>												
Defender 110	2.3 300TDi	97->			OC261	KX23						
Defender 130	2.5 300TDi	97->			OC261	KC18						
Defender 90	2.3 300TDi	97->			OC261	KX23						
Defender 90 Station Wagon	300TDi	97->			OC261	KX23						
Defender 90/110	2.5	90->			OC261							
Defender 90/110/130	2.5 TDI	90->			OC261	KC18						
Defender 90/110/130	3.5 V8	90->			OC261							





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			1°	2°	1°	2°	1°	2°		
<b>LAND ROVER</b>										
Discovery	2.0 16V MPI	1993->			OC1236					
Discovery	2.5 TDI	91->94			OC261	KC18				
Discovery	3.5	89->90			OC261					
Discovery	3.5 V8	90->93			OC261	KL2				
Discovery	3.5 V8	93->			OC261					
Discovery III (HSE/S/SE) Aut.	2.7 V6 TURBO DIESEL (L319)	05->09			OX1039D				LA103 7	
Discovery III (HSE/S/SE) Aut.	4.0 V6 TURBO DIESEL	05->09			OX1039D				LA103 7	
Discovery III (HSE/S/SE) Aut.	4.4 V8 GASOLINA (AJ34)	05->09							LA103 7	
Discovery IV (HSE) Aut.	5.0 V8 GASOLINA	2010->							LA103 7	
Discovery IV (HSE/S/SE) Aut.	2.7 V6 TURBO DIESEL (L319)	10->12			OX1039D				LA103 7	
Discovery IV (HSE/S/SE) Aut.	3.0 V6 TURBO DIESEL	2010->			OX1042D				LA103 7	
Discovery MKI	2.5D	09/89- >06/94			OC261	KC18				
Discovery MKII	2.5D	08/96->			OC261	KC18				
Discovery / Range Rover Classic	300 TDI	94->			OC261	KC18				
Evoque (DYNAMIC/PRESTIGE/ PURE) Aut.	2.0 16V GASOLINA	2011->							LA103 9	
Freelander	2.0 Xei TD	97->				KL41				
Freelander I	1.8 16V	1999- >2000			OC1236					
Freelander I	2.0 Turbo Diesel	98->00							LA103 6	
Freelander I	2.0 Turbo Diesel BMW M47D20	2000->							LA103 6	
Freelander I	2.5L 24V V6 Gasolina	03->05			OC318				LA103 9	
Freelander I (HSE/S/SE)	2.5 24V V6 Gasolina (KV6)	2003- >2005			OC1236					
Freelander II (DYNAMIC/HSE/S/ SE) Aut.	2.2 Turbo Diesel	2011->							LA103 9	
Freelander II (HSE/S/SE/SPORT) Aut. SI 6	3.2L V6 24V GASOLINA	2010->							LA103 9	
Land Rover	2.5 300 TDI	01/- 1997->	LX3714							
Land Rover 109	3.5 V8	79->82			OC67					
Land Rover 109	3.5 V8	82->83			OC261					
Land Rover 110	3.5 V8	83->90			OC261					
Land Rover 400		09/95->							LA82	
Land Rover 90	2.5 Diesel	84->			OC261	KX23				
Land Rover 90 Country SWB	2.5 Diesel	85->			OC261					
Land Rover Serie III	2.3 Diesel	83->85			OX200D	KX23				
New Range Rover		90->			OC261					
Range Rover	2.5	06->			OC261					
Range Rover	300TDi / 2.5 Turbo Diesel	89->95			OC261	KC18				
Range Rover	4.0 / 4.2 / 4.6 V8	94->			OC261					
Range Rover Classic	200 TDI	90->			OC261					
Range Rover HSE	4.6 V8	98->			OC261					
Range Rover III		02->							LAK62	
Range Rover Sport Automático (HSE / SE)	3.6 V8 Turbo Diesel (L320)	2007->							LA103 7	





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			1°	2°	1°	2°	1°	2°			
<b>LAND ROVER</b>											
Range Rover Sport Automático (HSE)	2.7 V6 Turbo Diesel (L320)	2006->			OX1039D				LA1037		
Range Rover Sport Automático (HSE)	3.0 V6 Turbo Diesel	2010->			OX1042D				LA1037		
Range Rover Sport Automático (Supercharged)	5.0 V8 Gasolina	2010->							LA1037		
Range Rover Vogue	3.5 Efi	85->			OC261		KL2				
Range Rover Vogue	3.9 V8	94->			OC261						
<b>LIEBHERR</b>											
313 Litronic (Type 636 + 1038)	Motor TCD 2012 L4 2V	01/06->					KC8		X		
L524/ L528/ L538/ L542/ L550 2PLUS1	LIEBHERR D934SAG	2007	LX3605						X		
L564	LIEBHERR D926TI-E9077002		LX3605						X		
L576	LIEBHERR D936L		LX3605						X		
L580 9224/ 9248	LIEBHERR D926TI-EA2		LX3605						X		
LI1010	Deutz F3L912				OC26				X		
LI1010	MB OM314		LX200 LX200/1				KX43 KX35		X		
LT1020, 1030, LG1026	MB OM355	80->	LX265		OX75D		KX44		X		
LT1026	MB OM355	->79					KX44		X		
LT1045	MB OM355	80->			OX75D		KX44		X		
<b>LINK BELT</b>											
HC78B	Scania						KX44		X		
<b>LOMBARDINI</b>											
903FOCS; LDW502FOCS; LDW502M; LDW602M; LDW903M			LX3686								
LDW - Série 1204 / 1204 T	(FOCS)						OC100 OC505 PLUS		X		
<b>MACDON</b>											
M205 MACDON / WESTWARD	CUMMINS MOTOR TURBO QSB6.7L		LX3619								
<b>MADAL</b>											
MD250	GM 151 - Gasolina		LX275						X		
MD500	Perkins 4203						KX23		X		
MD8A	Perkins 6357						KX23		X		
<b>MAFERSA</b>											
M210S	Cummins 6CT 83		LX227	LXS42/1			KC107	KC24	X		WFC2-REFRIG.
<b>MAHINDRA</b>											
Chassi	2.6 8V Diesel	2008->			OC1238						
Scorpio	2.6 CRD Turbo Diesel	2008->			OC1238						





(1) Tipo Exportação

(2) Opcional

(3) Com Ar

(4) Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>MAHINDRA</b>											
SUV (CD/CS) Mec.	2.6	2008->2010			OC1238						
SUV (GLX) Mec.	2.6	2010->			OC1238						
<b>MAN</b>											
TGX 28.440 6X2	D2676 440	04/12->	LX3593	LXS317					X		
TGX 29.440 6X4	D2676 440	04/12->	LX3593	LXS317					X		
TGX 33.440 6X4	D2676 440	07/12->	LX3593	LXS317					X		
<b>MANITOVOC</b>											
2512			LXS43/1			KC113	KC113		X		
3900						KC114			X		
4100W	CAT D343-TA					KC114			X		
<b>MANNESMANN</b>											
H30	Cummins				OC320	KC113			X		
H40	Cummins 6CT 8.3				OC319				X		
H55E/D	Scania DS11A		LX241	LXS43/1	OC18	KC113	KC113		X		
<b>MASSEY FERGU- SON</b>											
292 (Máquina Agrícola) 1998-> / 460 (Máquina Agrícola) / 5320 (Máquina Agrícola) 1999-> / 5420 (Máquina Agrícola) 2003->			LX1673						X		
3640 (Colheitadeira)	Cummins 6BT5.9	2002->	LX1801	LXS219	OC320				X		
38 (Colheitadeira)	Cummins 6CTA8.3C	2001->	LX2620						X		
5650 (Máquina Agrícola)	Cummins 6BT5.9	2002->	LX1801	LXS219	OC320				X		
8780 (Colheitadeira)	Cummins 6CTA8.3	2000->	LX2620						X		
MF 292	Perkins 4000 Imp.	94->	LX236	LXS41/1	OC324	KC18	KC18		X	HC82	
MF 299	Perkins Imp.	94->	LX265	LXS37/1	OC308	KC18	KC18		X		
MF 610,620,640,660,680									X	HC82	
MF 85	MWM D225/4	75			OX47D				X		
MF 85	MWM D225/4	76->78			OX47D				X		
MF3690			LX3011						X		
MF5300			LX3011						X		
MF5310			LX3011						X		
MF5320			LX3011						X		
SÉRIE 250 (Máquina Agrícola) - 250 X / SE	AD3.152	99->	LX960	LXS295	OC38	KX24			X		
SÉRIE 250 (Máquina Agrícola) - 250 XE	Simpson 2500 (3cil.)	02->	LX960	LXS295	OC38	KX24			X		
SÉRIE 250 (Máquina Agrícola) - 250 XF	A3 - 2.5	02->	LX960	LXS295	OC38	KX24			X		
SÉRIE 250 (Máquina Agrícola) - 255	Simpson 2500 (3cil.)	02->	LX960	LXS295	OC38	KX24			X		
SÉRIE 260 (Máquina Agrícola) - 262	Perkins D3.152T		LX960	LXS295		KX24			X		
SÉRIE 290 - 290 / 291 / 292 / 297 / 298 / 299	PERKINS 4004	2008->	LX3190	LXS292					X		





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°					
<b>MASSEY FERGU-SON</b>											
SÉRIE 400 (Máquina Agrícola) - 415	Perkins D3.152		LX960	LXS295			KX24		X	HC82	
SÉRIE 400 (Máquina Agrícola) - 451	International D3.15		LX960	LXS295			KX24		X	HC82	
<b>MATRA</b>											
Matra	MWM D229/6		LX265	LXS37/1	OC60		KX43 KX35		X		
<b>MAXION</b>											
9110	Perkins 6354-4	01/90->	LX265	LXS37/1	OC308		KX23		X		
9130 Turbo	Perkins ALT. 6354-4	01/90->	LX265	LXS37/1	OC324		KX23		X		
9150, 9170	Perkins 6354-4	90->	LX227	LXS42/1	OC324				X		
KC18	Perkins ALT. 6354-4	01/91->	LX265	LXS37/1	OC324		KX23		X		
MF1630	Perkins 4248	80->			OC324		KX23		X		
MF1830	Perkins 4248	80->			OC324		KX23		X		
MF210, 210X, 220, 310	Perkins 4203	78->			OC324		KX23		X		
MF220, 1630	Perkins 4248	76->81			OC324		KX23		X		
MF233-BX1 Injeção direta	Perkins AD 3152		LX200 LX200/1	LXS40/1	OC38		KX23		X		
MF235, 250	Perkins 3152	74->	LX200 LX200/1	LXS40/1	OX18D		KX23		X		
MF235, MF250, 265	Perkins 6152	74->	LX200 LX200/1	LXS40/1	OC38		KX23		X		
MF250	Perkins 4236	94->	LX200 LX200/1	LXS5/1	OC38				X		
MF265	Perkins 4236	01/00->	LX1687/1	LXS259	OC324		KX24 KX23		X		
MF265 (4X4)	Perkins 4203	76->	LX200 LX200/1	LXS40/1	OC38		KX23		X		
MF265, MD265 (4X4)	Perkins 4203	74->	LX200 LX200/1	LXS40/1			KX23		X		
MF270, 275, 285, 290	Perkins 4236	77->	LX275	LXS5/1	OC324		KX23		X		
MF275, 290 Alcool	Perkins AE 4248-AE 4336	84->	LX275	LXS5/1	OC324				X		
MF283		94->	LX275	LXS5/1	OC324		KX23		X		
MF290	Perkins 4000 Imp.	94->	LX275	LXS5/1	OC324				X		
MF292, 292 (4X4)- Turbo	Perkins 4236		LX236	LXS41/1	OC324		KX24		X	HX54	
MF296	Perkins 6354		LX236	LXS41/1	OC308		KX23		X		
MF297	Perkins 6353-4	01/91->	LX265	LXS37/1	OC308		KX23		X		
MF299	Perkins ALT. 6354-4	01/91->	LX265	LXS37/1	OC324		KX23		X		
MF299	Perkins Imp.	94->	LX265	LXS37/1	OC308		KC18 KC18		X		
MF3165	Perkins 4203				OX18D		KX23		X		
MF3305	Perkins 4203						KX23		X		
MF3365	Perkins 4300				OX200D				X		
MF34 (Colheitadeira)	Cummins 6CT8.3		LX2619						X		
MF3540, 3650	Perkins 6358	76->80			OC308		KX24		X		
MF356	Perkins 4203	94->	LX236	LXS41/1	OX18D		KX23		X		
MF35, 50, 50X, 55X	Perkins 3152	->74			OX18D		KX25 KX23		X		
MF3640		88->	LX236	LXS41/1	OC308		KX23		X		





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APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°					
<b>MAXION</b>											
MF3690	Importado		LX3011		OC308	KX23	KC4		X		
MF38 (Colheitadeira)	Cummins 6CT8.3		LX2619						X		
MF400, 400A	Perkins 6354		LX236	LXS41/1	OC308	KX23			X		
MF410, 510, 510S	Perkins 6357	82->	LX973		OX200D	KX23			X		
MF450	Perkins 6354				OC308	KX23			X		
MF4780	Scania D11	84->	LX271/2	LXS43/1	OC18	KC113 KC24 KC6D			X	HX51D	
MF500, 500B	Perkins 6354				OC308	KX23			X		
MF500, 500B	Perkins 6357	78->82	LX236	LXS41/1	OX200D	KX23			X		
MF500, 500B	Perkins 6358	77->	LX236	LXS41/1	OC308	KX23			X		
MF5300			LX3011								
MF5310			LX3011								
MF5320			LX3011								
MF5650	Perkins 6354	93->	LX227	LXS42/1	OC308	KX23			X		
MF5650	Perkins 6354	81->92	LX236	LXS41/1	OC308	KX23			X		
MF5850, 3640 Turbo	Perkins 6354-4	88->	LX236	LXS41/1	OC308	KX23			X		
MF610, MF620	Perkins 4000 Imp.	94->	LX236	LXS41/1	OC67	KC18			X		
MF630	Perkins 1000 Imp.	01/94->	LX265	LXS37/1	OC308	KC18			X		
MF640			LX265	LXS37/1	OC308	KX24			X		
MF65	Perkins 4203				OX18D	KX23			X		
MF65R, 65RA, 65R1, 65X, 210X	Perkins 4236	76->80			OC324	KX23			X		
MF65/MF65X/MF65RI	Perkins 4203/D4203	65->82				KX25			X		
MF750	Perkins 4236				OC324	KX23			X		
MF85	MWM D225/4	->75			OX47D	KX43			X		
MF85	MWM D225/4	76->78			OC26	KX43 KX35			X		
MF85X	Perkins 4248				OC324	KX23			X		
MF86	Perkins 4248		LX275	LXS5/1	OC324				X		
MF86 - MF 275I - MF 86HS		94->	LX275	LXS5/1	OC324	KX24			X		
MF9090 - MF 6855		94->	LX227	LXS42/1	OC308	KX24			X		
MF95X	Perkins 6357	76->			OX200D	KX23			X		
Retro escavadeiras	Perkins	86	LX275	LXS5/1	OC324				X		
<b>MAZDA</b>											
121 Dxi	1.8	96->97	LX1598 LX687						LA77		
121 GLX	1.3 16V	91->95			OC205				LA77		
121 GLX	1.3 8V	96->	LX1598 LX687						LA77		
121 GSi / Zxi	1.25	96->	LX1598 LX687		OC235 OC506 PLUS				LA77		
300 D		85->93				KL33			X		
300 G Wagon	3.0	81->90				KL33			X		
323	1.3	91->94			OC205				X		
323	1.3 B3E	89->94			OC205				X		





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			1°	2°	1°	2°	1°	2°			
<b>MAZDA</b>											
323	1.5 inj.16V	94->			OC205				X		
323	1.6 B6E	89->91			OC205				X		
323	1.8	94->			OC205				X		
323	1.9	89->94			OC205				X		
323 IV (BG)	1.6	09/89->06/91			OC195				X		
626	1.8/2.0 Inj. 16V	97->			OC205				X		
626	2.0	95->			OC205				X		
626 GLi / LXi		97->			OC205				X		
626 GLX	2.0 Inj. 16V	92->97			OC205				X		
626 GLX	2.2 Inj.12V	90->92			OC205				X		
626 GT / GTi	2.0 Inj.	90->92			OC205				X		
626 V (GF/GW)	2.0	02/98->09/02			OC195				X		
626 V (GF/GW)	2.0	05/97->09/02			OC195				X		
808	1.6				OC205						
818	1.6				OC205						
Demio	1.5 16V Inj.	98->			OC205						
Miata	1.8	99->			OC205						
MX-3 (EC)	1.6i 16V	05/90->01/94			OC195				X		
MX-3 (EC)	1.6i 16V	01/94->			OC195				X		
MX-5 (NA)	1.6	05/90->01/94			OC195				X		
MX-5 (NB)	1.6 16V	05/98->11/05			OC195				X		
MX3	1.6 B6D	94->			OC205				X		
MX3	1.6 B6D / 1.6 inj.16V	94->			OC205				X		
MX3 Sports Coupe	1.6 16V.Inj.	91->94			OC205				X		
MX5	1.6i B64F	90->			OC205				X		
Pick-Up B2500	Diesel	97->			OC274 OC205						
Pick-Up B2500	Gasolina	98->	LX1095								
Protege	1.8L 16V	01/93->12/95			OC115						
Protege					OC205						
Xedos 6	1.6i 16V (B69/B6)	92->			OC205				X		
<b>MERCEDES-BENZ</b>											
ACTROS	OM501LA / OM541LA										AL24-DESUM.
<b>MERCEDES BENZ</b>											
100 Van, Pick Up	OM615 espanhol	02/87->05/93	LX496		OX98D	KC22 KL33			X		
1014	OM 364	97->98	LX910	LXS37/1	OX150D	KX49 KC119			X	HX15	
1014	OM 364LA - TURBOCOOLER	95->	LX910	LXS37/1	OX150D	KX49 KC119			X	HX15	
1116, 2216, 2217	OM 352 A	01/79->	LX265	LXS37/1	OX197D	KX43 KX35			X	HX15	
1214 C (4X2)	OM 364LA - TURBOCOOLER	97->	LX910	LXS37/1	OX150D				X	HX15	AL12-DESUM.





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			1°	2°	1°	2°	1°	2°			
<b>MERCEDES BENZ</b>											
1214 R-L (4X2) 1214, 1214K, L1218, 1218, 1414, 1414K, L1418, 1418K, 2318L, 2318LB, LA1418, LAK1418, 1718K, 1720, 2418, L1620, 231- 8L/LB	OM 366 A Turbo	96->	LX265 LX1056 LX1056/1 LX1716	LXS37/1 LXS260	OX137D OC303	KC122 KC127 KC128			X     X		AL12- DESUM. 0951-127M1 -ELEM. DISCO COADOR
1214, 1414, 1614, 1714; L, LA, LAK, LK	OM 366		LX265	LXS37/1	OX137D	KC126/1 KX49			X	HX15	
1215 C	OM 904 LA - Eletrônico	01/98- >10/04				KC126/1			X		
1218 E - 12t Série	OM 904LA	01/01- >06/07	LX1093	LXS263	OX161/D	KX67/2D			X	HX15	KX72D1 AL12- DESUM.
1218 E - 12t Série	OM 904LA	07/07->	LX1093	LXS263	OX161/D	KX67/2D KC489			X	HX15	KX72D1 AL12- DESUM.
1218 L	OM 904 LA Eletrônico	01/98->	LX1070	LXS261	OX161/D	KX67/2D			X		KX72D1
1218 L (6X2)	OM 366 A		LX265	LXS37/1	OX137D	KX49			X	HX15	
1316, 1317, 1318, 1516, 1517, 1518, 2214	OM 352 A	01/75->	LX265	LXS37/1	OX197D	KX43 KX35			X	HX15	
1318 - 13t Série	OM 904 LA Eletrônico	01/03- >11/04	LX1093	LXS263		KC126/1			X		
1418 L, 1618 L, 1718 L, 2218 L (6X2)	OM 366 A		LX265	LXS37/1	OX137D	KX49			X	HX15	
1418 L,K,LA,LAK	OM 366 A/LA	96->	LX1056 LX1056/1 LX1716	LXS260	OC303				X	HX15	AL12- DESUM. 0951-127M1 -ELEM. DISCO COADOR
1418 L/LE	OM 904LA	01/02- >11/04				KC126/1			X		
1418 R L (4X2)	OM 366 A Turbo		LX265	LXS37/1	OX137D				X		
1420 - 14t Série	OM 366/ LA		LX1056 LX1056/1 LX1716	LXS260					X		
1618 M	OM 904LA	98->	LX1093		OX161/D	KC126/1 KX67/2D			X	HX15	KX72D1 AL12- DESUM.
1620	OM 366 LA	->96	LX265	LXS37/1	OC303	KC114			X		0951-127M1 -ELEM. DISCO COADOR
1620 L	OM 906LA	01/98- >11/04				KC126/1			X		
1620 L, LK	OM 366 LA	96->	LX1056 LX1056/1 LX1716	LXS260	OC303	KC127 KC128 <sup>(2)</sup>			X	HX15	AL12- DESUM. 0951-127M1 -ELEM. DISCO COADOR
1621 L, LK	OM 366LA		LX271/2	LXS43/1	OX137D	KX49			X	HX15	0951-127M1 -ELEM. DISCO COADOR
1622 L	OM 904LA	01/01- >11/04				KC126/1			X		
1622 L	OM 924 LA	01/01->	LX1070	LXS261	OX161/D	KX67/2D	KC126		X	HX15	KX72D1
1623 L	OM 906 L/LA - Eletrônico	01/98->	LX1070	LXS261	OX174D	KX67/2D			X	HX15	KX72D1
1625 (L, LS)	OM 449A		LX271/2	LXS43/1	OX71D				X	HX15	
1632	Eletrônico				OX174D				X		
1634LS	OM 447 LA	01/00->	LX1313/1	LXS312	OX69D						AL12- DESUM.
1634LS	OM 457LA	01/06->				KC125/1					
1714 K - 17t Série		01/96->	LX1056 LX1056/1 LX1716	LXS260					X		
1718 A (4X4)	OM 366 A Turbo		LX265	LXS37/1	OX137D	KC122			X	HX15	
1718 K	OM 366 A/LA	96->	LX1056 LX1056/1 LX1716	LXS260	OC303				X	HX15	AL12- DESUM. 0951-127M1 -ELEM. DISCO COADOR





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			1°	2°	1°	2°	1°	2°			
<b>MERCEDES BENZ</b>											
1718 M - 17t Série	OM 904 LA Eletrônico	01/98->	LX1093	LXS263	OX161/D		KC126/1 KX67/2D		X	HX15	KX72D1 AL12- DESUM.
1718M	OM 904 LA - Eletrônico	01->	LX1093		OX161/D		KX67/2D KC119		X	HX15	KX72D1
1718M	OM 904 LA Turbocooler	01->	LX1093	LXS263	OX161/D		KX67/2D		X		KX72D1
1720 K	OM 366 LA	96->	LX1056 LX1056/1 LX1716	LXS260	OC303				X	HX15	AL12- DESUM. 0951-127M1 -ELEM. DISCO COADOR
1721 S	OM 366 A/LA	96->	LX1056 LX1056/1 LX1716	LXS260	OC303				X	HX15	AL12- DESUM. 0951-127M1 -ELEM. DISCO COADOR
1723	OM 366 LA	96->	LX1056 LX1056/1 LX1716	LXS260	OC303				X	HX15	AL12- DESUM. 0951-127M1 -ELEM. DISCO COADOR
1723 L/M	OM 906LA	01/98- >11/04					KC126/1		X		
1723L	OM 906 L/LA - Eletrônico	01/98->	LX1070	LXS261	OX174D		KX67/2D		X	HX15	KX72D1
1728	OM 906LA	01/98- >11/04					KC126/1		X		
180D - Van, Pick up	OM616	06/93->	LX567		OX98D		KC22 KL33		X		
180D,120,140,160 - Van, Pick up	OM616 espanhol	02/87- >05/93	LX496		OX98D		KC22 KL33		X		
180D/ Automóveis 200D, 240D, TD, 300, SD, TD, todos série 123							KC22		X		
180D/ Automóveis 200D, 240D, TD, 300, SD, TD, todos série 123							KC22		X		
190E	1.8L (80 KW)	5/88->	LX61						X		
190E	2.0L (83/85 KW)	2/85- >12/86	LX58						X		
190E	2.0L (87/90/93 KW)	->4/88	LX58						X		
190E	2.0L (87/90/93 KW)	5/88->	LX61						X		
190E	2.3L (125,130 KW)	9/85- >8/88	LX623						X		
190E	2.3L (136 KW)	4/84- >1/87	LX623						X		
190E	2.6L (118,122 KW)		LX638						X		
190E , 230CE	2.3L (97/100 KW)	5/88->	LX61						X		
190E , 230CE	2.3L (97/100 KW)	->4/88	LX58						X		
190, 190E, 200T/E, 230E, 260TE/ E/SE, 300CE/E/SE/SL					OC110				X		
190, 190E, 200, 200T, 230E, 230GE, 210, 510					OX34D				X		
1938 LS, 1938 S, 1944, 2638 L / LS / LK	Eletrônico						KX80D		X		
1938LS	OM 457 LA Eletrônico	98->	LX273	LXS44/1	OX69D		KX80D KC125 KC125/1		X		AL12- DESUM.
1938S	OM 457 Eletrônico	99->	LX1313/1	LXS312	OX168D				X		
1938S cabine normal (bicudo)	OM 457 Eletrônico	99->	LX273	LXS44/1	OX69D		KX80D KC125		X		
1944 cabine avançada (cara chata)	OM 457LA Turbocooler	01->	LX1313/1	LXS312	OX168D		KX80D KC125 KC125/1		X		
200-W115-M115.926		68->77			OX47D				X		
200/220/240/300D, 300/SD/CD/ TD/GD, 240GD, 207/307/507/209/ D					OX78D				X		
220-W115-M115.920-M115.924		68- >07/73			OX47D				X		
230 4-W115-M115.951		08/73- >12/76			OX47D				X		
2325 LS	OM 447LA TURBOCOOLER		LX273	LXS44/1	OX69D		KX36		X	HX15	





(1) Tipo Exportação

(2) Opcional

(3) Com Ar

(4) Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>MERCEDES BENZ</b>											
2423 B/K	OM 904LA				OX174D				X		
2423 B/K	OM 906 LA	01/00->	LX1056 LX1056/1 LX1716	LXS260	OX174D		KC126/1 KX67/2D		X	HX15	KX72D1 AL12- DESUM.
2425	OM 906LA Eletrônico	05->			OX174D		KX67/2D		X		KX72D1
2428 B/K	OM 906 LA	12/04->					KC126/1		X		
2533	OM 926LA Eletrônico	06->			OX174D		KX67/2D		X		KX72D1
2635 L/LK	OM 447LA TURBOCOOLER		LX273	LXS44/1			KX36		X	HX15	
2638 LS/L Cabine Normal (bicudo)	OM 457 LA	98->01	LX273	LXS44/1	OX69D		KC125/1 KX80D	KC125	X	HX15	AL12- DESUM.
2638 L/L/LK Cabine Normal (bicudo)	OM 457 LA Turbocooler	02->	LX1313/1	LXS312	OX168D		KC125/1 KX80D		X		
280SE, 300SEL, 350SL, 450SE, SEL, SLC			LX211						X		
280SL/SE/SEL/E/CE, 300 SEL, 350SL/SE/SEL/SLC, 380SE/SEL/SEC/SL/SLC, 420SE/SEL/SEC/SL, 450SE/SEL/SL/SLC, 500SE/SEL/SEC/SL, 560SEL/SEC					OX32D				X		
280SL/SLC/SE/SEL/E/CE/600LIMOUSINE/600PULLMANN,NSU/RO80			LX228						X		
280, 280E, 280S			LX217						X		
300SL	3.0L (138 KW)	9/85->8/89	LX638						X		
350, 380, 420, 450, 500, 560			LX276								
710	OM904 L/LA - Eletrônico	00->	LX236	LXS41/1	OX161/D		KX67/2D		X	HX15	KX72D1
710,LO814,914,1014,1114,1214	OM 364 A/LA	96->98	LX910	LXS37/1	OX150D		KX49 KC119		X	HX15	
712C L/EL	OM 904 LA - Eletrônico	98->	LX1093	LXS263	OX161/D		KC126/1 KX67/2D		X	HX15	KX72D1
715C Accelo - 7t Série	OM 612LA Eletrônico	01/02->04/07	LX1093	LXS263	OX179D		KL100/2	LA651	HX15		AL12- DESUM.
715C Accelo - 7t Série	OM 612LA Eletrônico	05/07->	LX1093	LXS263	OX179D		KL100/2 KC489	LA651	HX15		AL12- DESUM.
715C Accelo - 7t Série	OM 612LA Eletrônico	01/02->	LX1093	LXS263	OX179D			LA651			
7t Série - 710 Plus	OM 364LA	01/00->09/06	LX910	LXS37/1	OX150D		KX49		X	HX15	
7t Série - 710 Plus	OM 364LA	01/95->12/99	LX236	LXS41/1	OX150D		KX49		X	HX15	
7t Série - 710 Plus	OM 364LA	06/07->	LX910	LXS37/1	OX150D		KC489		X	HX15	
915E	OM 904LA	01/98->11/04					KC126/1		X		
9t - Série 912C	OM 904LA	01/00->	LX1093	LXS263	OX161/D		KC126/1 KX67/2D		X	HX15	KX72D1
9t - Série 914C	OM 904LA Eletrônico	01/98->	LX1093	LXS263	OX161/D		KC126/1 KX67/2D		X	HX15	KX72D1
9t - Série 915C Accelo	OM 904LA Eletrônico		LX1093	LXS263				LA651			
9t Série - 915C Accelo	OM 904LA Eletrônico	01/02->04/07	LX1093	LXS263	OX161/D		KX67/2D	LA651	HX15		KX72D1 AL12- DESUM.
9t Série - 915C Accelo	OM 904LA Eletrônico	05/07->	LX1093	LXS263	OX161/D		KX67/2D KC489	LA651	HX15		KX72D1 AL12- DESUM.
Accelo	OM 904		LX1093					LA651			
Actros 1831		96->						LA43			
Actros 1835		96->						LA43			
Actros 1840		96->						LA43			
Actros 1843		96->						LA43			
Actros 1848		96->						LA43			
Actros 1853		96->						LA43			
Actros 2031		96->						LA43			
Actros 2546	OM 501LA V6 (BlueTec)	2010->	LX814/1		OX168D		KX80D KC200				





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<b>MERCEDES BENZ</b>											
Actros 2646	OM 501LA V6 (BlueTec)	2010->	LX814/1		OX168D		KX80D KC200				
Actros 4844K	OM 501LA V6 (BlueTec)	2010->	LX814/1		OX168D		KX80D KC200				
Atego	OM 904				OX161/D		KX67/2D	LA677	HX15		KX72D1 AL12- DESUM.
Atego	OM 906				OX174D		KX67/2D	LA677	HX15		KX72D1 AL12- DESUM.
Atego 1315	OM 904LA - 150 CV	->10/06	LX776 LX776/1		OX161/D		KX67/2D	LA677			KX72D1
Atego 1418	OM 904LA - 177 CV	->10/06	LX776 LX776/1		OX161/D		KX67/2D	LA677	HX15		KX72D1
Atego 1518	OM 904LA - 177 CV	->10/06	LX776 LX776/1		OX161/D		KX67/2D	LA677	HX15		KX72D1
Atego 1718	OM 904LA - 177 CV	->10/06	LX776 LX776/1		OX161/D		KX67/2D	LA677	HX15		KX72D1
Atego 1725	OM 906LA - 245 CV	->10/06	LX776 LX776/1		OX174D		KX67/2D	LA677	HX15		AL12- DESUM.
Atego 2425	OM 906 LA - 245 Cv	->10/06	LX776 LX776/1		OX174D		KX67/2D	LA677	HX15		AL12- DESUM.
Atego II 1315	OM 904 LA - 150 CV	11/06- >04/07	LX2621		OX161/D		KX67/2D	LA677	HX15		KX72D1 AL12- DESUM.
Atego II 1315	OM 904 LA - 150 CV	05/07->	LX2621		OX161/D		KX67/2D KC489	LA677	HX15		KX72D1 AL12- DESUM.
Atego II 1418	OM 904 LA - 177 CV	11/06- >04/07	LX2621		OX161/D		KX67/2D	LA677	HX15		KX72D1 AL12- DESUM.
Atego II 1418	OM 904 LA - 177 CV	05/07->	LX2621		OX161/D		KX67/2D KC489	LA677	HX15		KX72D1 AL12- DESUM.
Atego II 1518	OM 904 LA - 177 CV	11/06- >04/07	LX2621		OX161/D		KX67/2D	LA677	HX15		KX72D1 AL12- DESUM.
Atego II 1518	OM 904 LA - 177 CV	05/07->	LX2621		OX161/D		KX67/2D KC489	LA677	HX15		KX72D1 AL12- DESUM.
Atego II 1718	OM 904 LA - 177 CV	11/06- >04/07	LX2621		OX161/D		KX67/2D	LA677	HX15		KX72D1 AL12- DESUM.
Atego II 1718	OM 904 LA - 177 CV	05/07->	LX2621		OX161/D		KX67/2D KC489	LA677	HX15		KX72D1 AL12- DESUM.
Atego II 1725	OM 906 LA - 245 CV	11/06- >04/07	LX2621		OX174D		KX67/2D	LA677	HX15		KX72D1 AL12- DESUM.
Atego II 1725	OM 906 LA - 245 CV	05/07->	LX2621		OX174D		KX67/2D KC489	LA677	HX15		KX72D1 AL12- DESUM.
Atego II 1728	OM 926 LA - 279 CV	07/07->	LX2621		OX174D		KX67/2D KC489	LA677	HX15		KX72D1 AL12- DESUM.
Atego II 2425	OM 906 LA - 245 Cv	11/06- >04/07	LX2621		OX174D		KX67/2D	LA677	HX15		KX72D1 AL12- DESUM.
Atego II 2425	OM 906 LA - 245 CV	05/07->	LX2621		OX174D		KX67/2D KC489	LA677	HX15		KX72D1 AL12- DESUM.
Atego II 2428	OM 926 LA - 279CV	07/07->	LX2621		OX174D		KX67/2D KC489	LA677	HX15		KX72D1 AL12- DESUM.
Axor	OM 457				OX168D		KX80D	X	HX15		AL12- DESUM.
Axor	OM 906				OX174D		KX67/2D	X	HX15		KX72D1 AL12- DESUM.
Axor 1933 S	OM 926 LA - 326 CV	01/05- >04/07	LX776 LX776/1		OX174D		KX67/2D KC501D	LA678	HX15		KX72D1 AL12- DESUM.
Axor 1933 S	OM 926 LA - 326 CV	05/07->	LX776 LX776/1		OX174D		KX67/2D KC501D	LA678	HX15		KX72D1 AL12- DESUM.





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<b>MERCEDES BENZ</b>											
Axor 2035 S	OM 457 353HP	01/05->	LX1313/1	LXS312	OX348D	KX80D KC128 KC123	KC501D	X	HX15	AL12- DESUM.	
Axor 2040 S	OM 457 401HP	01/05->	LX1313/1	LXS312	OX348D	KX80D KC128 KC123	KC501D	X	HX15	AL12- DESUM.	
Axor 2044 S	OM 457 428HP	01/06->	LX1313/1	LXS312	OX348D	KX80D KC128 KC123	KC501D	X	HX15	AL12- DESUM.	
Axor 2533 (6x2)	OM 926 LA - 326 CV	01/05->	LX776 LX776/1		OX174D	KX67/2D KC501D		X	HX15	KX72D1 AL12- DESUM.	
Axor 2540 S (6X2)	OM 457 401HP	01/05->	LX1313/1	LXS312	OX348D	KX80D KC128 KC123	KC501D	X	HX15	AL12- DESUM.	
Axor 2544 S (6X2)	OM 457 428HP	01/06->	LX1313/1	LXS312	OX348D	KX80D KC128 KC123	KC501D	X	HX15	AL12- DESUM.	
Axor 2640 S (6X4)	OM 457 401HP	01/06->	LX1313/1	LXS312	OX348D	KX80D KC128 KC123	KC501D	X	HX15	AL12- DESUM.	
Axor 2644 S (6X4)	OM 457 428HP	01/05->	LX1313/1	LXS312	OX348D	KX80D KC128 KC123	KC501D	X	HX15	AL12- DESUM.	
Axor 2826 (6x4)	OM 926 LA - 245 CV	01/06->	LX776 LX776/1		OX174D	KX67/2D KC501D		X	HX15	KX72D1 AL12- DESUM.	
Axor 2831 (6x4)	OM 926 LA - 306 CV	01/06->	LX776 LX776/1		OX174D	KX67/2D KC501D		X	HX15	KX72D1 AL12- DESUM.	
Axor 3340 / 3340 S / 3340 K (6X4)	OM 457 401HP	01/05->	LX1313/1	LXS312	OX348D	KX80D KC128 KC123	KC501D	X	HX15	AL12- DESUM.	
Axor 3344 / 3344 S / 3344 K (6X4)	OM 457 428HP	01/06->	LX1313/1	LXS312	OX348D	KX80D KC128 KC123	KC501D	X	HX15	AL12- DESUM.	
Axor 4140 K 6X4)	OM 457 401HP	01/06->	LX1313/1	LXS312	OX348D	KX80D KC128 KC123	KC501D	X	HX15	AL12- DESUM.	
Axor 4144 K 6X4)	OM 457 428HP	01/06->	LX1313/1	LXS312	OX348D	KX80D KC128 KC123	KC501D	X	HX15	AL12- DESUM.	
Caminhão Canavieiro c/ cabines FPN / NPN 693810									LA697		
Caminhões leves e semi- pesados, Ônibus (exportação)	BR900					KX72D1		X			
Chassis LO608D, LO708	OM 314		LX200 LX200/1		OX199D	KX43 KX35		X	HX15		
Chassis LO809	OM 364		LX275	LXS5/1	OX150D	KX49		X	HX15		
Chassis LO812	OM 364A	90->	LX236	LXS41/1	OX150D	KX49		X	HX15		
Chassis LO814	OM 364LA	96->	LX910	LXS37/1	OX150D	KX49	KX49	X	HX15		
Chassis LPO1113, OF1113, OF1114, OF1313, OF1314, OH1313, O362, O364	OM 352/A	75->78	LX265	LXS37/1	OX30D	KX43 KX35		X	HX15		
Chassis LPO1113, OF1113, OF1114, OF1313, OF1314, OH1313, O362, O364	OM 352/A	79->	LX265	LXS37/1	OX197D	KX43 KX35		X	HX15		
Chassis OF1115, OF1315, OH1315	OM 366/A		LX265	LXS37/1	OX137D	KX49		X	HX15		
Chassis OF1315	OM 366G (Metano)		LX243	LXS37/1	OX137D			X	HX15		
Chassis OF1318	OM 366/A		LX265	LXS37/1	OX137D	KX49		X	HX15		
Chassis OF1318, OF1620, OH1318, OH1621L	OM 366 A/LA	96->	LX265	LXS37/1	OC303	KC127 KC128 <sup>(2)</sup>		X		0951-127M1 -ELEM. DISCO COADOR	
Chassis OF1417	OM 904 LA - Eletrônico	98->	LX1093	LXS263	OX161/D	KX67/2D KC126/1		X	HX15	KX72D1	
Chassis OF1418 / OF1418EL	OM 904 LA - Eletrônico	01/03- >11/04				KC126/1		X			
Chassis OF1620	OM 366	01/96->	LX265	LXS37/1	OC303	KC122		X	HX15	AL12- DESUM.	

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Chassis OF1721	OM 366LA Mecânico	01/98->	LX1070	LXS261	OC303	KC127 KC128 <sup>(2)</sup>		X			AL12- DESUM. 0951-127M1 -ELEM. DISCO COADOR
Chassis OF1722/ 1722M	OM 924LA Eletrônico	01/98- >11/04		LXS261		KC126/1		X			
Chassis OH1313, OH1316	OM 352A (Motor Traseiro)	01/78->	LX265	LXS37/1	OX197D	KX43		X	HX15		
Chassis OH1318	OM 355/5 (Motor Traseiro)	01/79->	LX265	LXS37/1	OX137D	KX43 KX35		X	HX15		
Chassis OH1318	OM 366	01/97->	LX265	LXS37/1	OX137D	KX49		X	HX15		
Chassis OH1318, 1419, 1420, 1517, 1518, 1520	OM 355/5	79->96	LX265	LXS37/1	OX75D	KX44		X	HX15		
Chassis OH1419, OH1420, OH1517, OH1518, OH1520	OM 355/5 (Motor Traseiro)	01/79->	LX265	LXS37/1	OX75D	KX44		X	HX15		
Chassis OH1518	OM 904 LA - Eletrônico	01/00- >11/04				KC126/1		X			
Chassis OH1628L	OM 449LA	98->	LX273	LXS44/1				X			AL12- DESUM.
Chassis OH1635L	OM 447 LA	96->	LX273	LXS44/1	OX69D			X			
CL63 AMG		09/01- >08/03			OX153/7D			LA47/S			
Classe A	1.6L / 1.9L	99->	LX794		OX135/1D	KL87			LAK81 LA81		
Classe A 200 (W169 - Elegance)	2.0 (M266)	06->10			OX1046D				LA105 8		
Classe B 170 (W245)	1.7 8V (M266)	05->09			OX1046D				LA105 8		
Classe B 180 (W245 - Confort / Family)	1.7 8V (M266)	09->			OX1046D				LA105 8		
Classe B 200 (W245 - Sport)	2.0 Turbo (M266)	06->			OX1046D				LA105 8		
Classe C		04/93->							LA37		
Classe C 180 Kompressor (W203 - Classic/Plus/Elegance) Aut.	1.8 16V Motor M271.946	2002- >2007			OX1027D						
Classe C 180 Kompressor (W204 - Classic) Aut.	1.6 16V Motor M271.952	2007- >2011			OX1027D						
Classe C 200 Kompressor (W203 - Classic/Touring/Coupé/Sport) Aut.	2.0 16V Motor M271.940	2001- >2003			OX1027D						
Classe C 200 Kompressor (W204 - Classic) Aut.	1.8 16V Motor M271.950	2007- >2010			OX1027D						
Classe C 230 Kompressor (W203 - Avantgarde/Sport/Coupé) Aut.	2.3 16V Motor M271.948	2002- >2005			OX1027D						
Classe CLC 200 Kompressor (C203 - Classic/Plus) Aut.	1.8 16V Motor M271.955	2009->			OX1027D						
Classe C: C240, C43 AMG		06/97- >03/01			OX153/7D				LA37		
Classe C: C280		06/97- >05/00			OX153/7D				LA37		
Classe C: C32 AMG		02/01- >08/03			OX153/7D				LA37		
Classe C: C320, CL600		03/00- >08/03			OX153/7D				LA37		
Classe C: CL500, CL55 AMG		09/99- >08/03			OX153/7D				LA37		
Classe C: CLK320		06/97- >08/03			OX153/7D				LA37		
Classe C: CLK430		07/98- >06/02			OX153/7D				LA37		
Classe C: CLK500		06/02- >08/03			OX153/7D				LA37		
Classe E		06/95->							LA37		
Classe E 200 (W210 - Kompres- sor) Mec.	2.0 Motor M271.941	2002- >2009			OX1027D						
Classe E 280 (W211)	2.8 V6 CDI DIESEL (OM642.920)	2005- >2009			OX1044D						
Classe E 300 (W211 - BLUETEC)	DIESEL (OM642)	2007- >2009			OX1044D						
Classe E 320 (W211 - BLUETEC)	3.2 V6 DIESEL (OM642.920)	2005- >2009			OX1044D						





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<b>MERCEDES BENZ</b>											
Classe E 60 AMG (W124) Aut.	M119	94->95	<b>LX3723</b>								
Classe E: E240, E430, E55 AMG		06/97->08/03			<b>OX153/7D</b>				<b>LA37</b>		
Classe E: E280, E320		12/96->08/03			<b>OX153/7D</b>				<b>LA37</b>		
Classe G: G500		04/98->08/03			<b>OX153/7D</b>						
Classe G: G55		04/99->08/03			<b>OX153/7D</b>						
Classe ML 320 (W164)	3.0 CDI DIESEL (OM642.940)	2008->2009			<b>OX1044D</b>						
Classe ML 350 (W164)	3.0 CDI TURBO DIESEL (OM642.940)	2009->			<b>OX1044D</b>						
Classe M: ML320		02/98->08/02			<b>OX153/7D</b>				<b>LAK98</b>		
Classe M: ML350		08/02->08/03			<b>OX153/7D</b>						
Classe M: ML430		02/98->08/03			<b>OX153/7D</b>				<b>LAK98</b>		
Classe M: ML500		09/01->08/03			<b>OX153/7D</b>						
Classe M: ML55 AMG		02/00->08/03			<b>OX153/7D</b>						
Classe S 280 M112	2.8 V6 (W220)	1998->2002			<b>OX1045D</b>						
Classe S 320 (W221)	3.2 CDI TURBO DIESEL (OM642.930)	2006->2009			<b>OX1044D</b>						
Classe S 350 (W221 - CDI BLUE-TEC)	3.5 CDI BLUETEC (OM642.862)	2009->			<b>OX1044D</b>						
Classe SLK Kompressor (R171 - Roadster / Sport) Aut.	1.8 Motor M271.944	2004->2012			<b>OX1027D</b>						
Classe SLK: SLK32 AMG, SLK320		03/01->08/03			<b>OX153/7D</b>				<b>LA37</b>		
Classe SL: SL280, SL320		05/98->12/02			<b>OX153/7D</b>						
Classe SL: SL350		03/03->08/03			<b>OX153/7D</b>						
Classe SL: SL500 R129		05/98->10/01			<b>OX153/7D</b>						
Classe SL: SL500 R230		10/01->08/03			<b>OX153/7D</b>						
Classe SL: SL55 AMG		03/00->06/02			<b>OX153/7D</b>						
Classe S: S280, S430, S500		10/98->08/03			<b>OX153/7D</b>				<b>LA47/S</b>		
Classe S: S320		10/98->12/99			<b>OX153/7D</b>				<b>LA47/S</b>		
Classe S: S350		09/02->08/03			<b>OX153/7D</b>				<b>LA47/S</b>		
Classe S: S55 AMG, S600		04/99->08/03			<b>OX153/7D</b>				<b>LA47/S</b>		
Classe S: S63 AMG		09/01->08/03			<b>OX153/7D</b>				<b>LA47/S</b>		
CLK		02/97->							<b>LA37</b>		
CLK55 AMG		09/02->08/03			<b>OX153/7D</b>				<b>LA37</b>		
E200,190/200D			<b>LX95</b>						<b>LA37</b>		
Evobus O 500RS/RSD	OM 457LA	01/05->	<b>LX1313/1</b>	<b>LXS312</b>	<b>OX69D</b>	<b>KX80D</b>			X		<b>AL12-DESUM.</b>
L1111 (LP, LPO)	OM 321, 324, 326	60->70				<b>KX44</b>			X		
L1113, 1114, 1118, 1313, 1314, 1514, 2013, 2213	OM 352	->79	<b>LX265</b>	<b>LXS37/1</b>	<b>OX30D</b>	<b>KX43</b> <b>KX35</b>			X	<b>HX15</b>	
L1113, 1114, 1118, 1313, 1314, 1514, 2013, 2213, 1513	OM 352	79->96	<b>LX265</b>	<b>LXS37/1</b>	<b>OX197D</b>	<b>KX43</b>			X	<b>HX15</b>	
L1218 / L1418 / L1620 / LK1620		95->	<b>LX1056</b> <b>LX1056/1</b>						X		
L1316, L1516	OM 352	->79	<b>LX265</b>	<b>LXS37/1</b>	<b>OX30D</b>	<b>KX43</b> <b>KX35</b>			X		
L1316, L1516	OM 352A	72->74	<b>LX265</b>	<b>LXS37/1</b>	<b>OX197D</b>	<b>KX43</b> <b>KX35</b>			X		





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>MERCEDES BENZ</b>											
L1319	OM 366LA	82			OX71D		KX49		X		0951-127M1 -ELEM. DISCO COADOR
L1519, 1520, 2219, 2220	OM 355/5	79->96	LX265	LXS37/1	OX75D		KX44		X		
L1519, 1520, 2219, 2220 (Canavieiros)	OM 355/5		LX227	LXS42/1	OX75D		KX44		X		
L1620, 1620LK, 1720K, 1723	OM 366 A/LA Turbo Cooler	96->	LX1056 LX1056/1 LX1716	LXS260	OC303				X	HX15	0951-127M1 -ELEM. DISCO COADOR
L1721-2418 Turbocooler	OM 366LA	92->	LX265	LXS37/1	OX137D		KX49		X		0951-127M1 -ELEM. DISCO COADOR
L1924	OM 355/5	79->	LX265	LXS37/1	OX75D		KX44		X		
L1924A, L1929, LS1932, LS1932LA, LS1933, LS1934	OM 355/6A, LA	82->96		LXS43/1	OX75D		KX44		X		
L2214	OM 352A	12/78->	LX265	LXS37/1	OX30D		KX43 KX35		X	HX15	
L2215 Canavieiro /Madeireiro	OM 352O Álcool		LX265	LXS37/1	OX197D				X		
L2318 (4X4)	OM 366 A Turbo		LX265	LXS37/1	OX137D		KX43 KX35		X	HX15	
L2318 (6x2)	OM 366A		LX265	LXS37/1	OX137D		KX49		X		0951-127M1 -ELEM. DISCO COADOR
L608, D, E, O, L708E	OM 314	->83	LX200 LX200/1	LXS40/1	OX85D		KX43 KX35		X		
L608, D, E, O, L708E	OM 314	83->	LX200 LX200/1	LXS40/1	OX199D		KX43 KX35		X		
L610	OM 314 Álcool	85->	LX200 LX200/1	LXS40/1	OX199D				X		
L709/37, L709/42,5	OM 364	89->	LX275	LXS5/1	OX150D		KX49		X		
L912 Turbo	OM 364A	90->	LX236	LXS41/1	OX150D		KX49		X		
LB2318 (6X4)	OM 366 A		LX265	LXS37/1	OX137D		KX43 KX35		X	HX15	
LK2318, 2418 (4X4)	OM 366 A Turbo		LX265	LXS37/1	OX137D				X	HX15	
LN914 /1014-LO814-710-1114	OM 364 LA	95	LX910	LXS37/1	OX150D		KX49		X		
LO 915 EVOBUS - Série 9t	OM 904LA		LX1093	LXS263					X		
LO712 - 7t série							KL445		X		
LO812 - 8t série	R300, OM364	09/05->					KL445		X		
LO814, 914, 1014	OM 364	95	LX910	LXS37/1	OX150D		KX49		X	HX15	
LO914	OM 904LA	01/98->	LX335				KC126/1		X		
LO914C EVOBUS - Série 9t	OM 904LA	01/98->	LX1093	LXS263	OX161/D		KX67/2D KC126/1		X		
LO914C EVOBUS - Série 9t	OM 904LA	01/00->	LX1093	LXS263			KC126/1		X		
LO914C EVOBUS - Série 9t	OM 904LA - Eletrônico	00->	LX335				KC126/1		X		
LS1524, 1525, 2225	OM 355/5A	85->95	LX227	LXS42/1	OX75D		KX44		X		
LS1935, 1938 S, 1944, 2638 L / LS / LK	OM 447 LA Eletrônico		LX273	LXS44/1	OX69D		KX36		X		
LS1941	OM 447/ OM447A	90->	LX273	LXS44/1	OX69D				X		
Motores	M314 - Industrial /Veicular	82->	LX200 LX200/1	LXS5/1	OX85D		KX43 KX35		X		
Motores	M314 - Industrial /Veicular	83->	LX200 LX200/1	LXS5/1	OX199D		KX43 KX35		X		
Motores	M3140 Álcool	86->	LX200 LX200/1	LXS5/1	OX199D				X		
Motores	OM 321, OM324, OM326	79->			OX197D		KX44		X		
Motores	OM 352 Álcool	86->	LX265	LXS37/1	OX75D				X		
Motores	OM 352 Industrial /Agricola	->82	LX243	LXS37/1	OX85D		KX43 KX35		X		





(1) Tipo Exportação

(2) Opcional

(3) Com Ar

(4) Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>MERCEDES BENZ</b>											
Motores	OM 352 Veicular	->78	LX265	LXS37/1	OX30D		KX43 KX35		X		
Motores	OM 352 /OM352A, Industrial / Agrícola	83->	LX243	LXS37/1	OX199D		KX43 KX35		X		
Motores	OM 352 /OM352A, Veicular	79->	LX265		OX197D		KX43 KX35		X		
Motores	OM 355 Industrial	->89			OX75D				X		
Motores	OM 355/6 e OM355/6A - Industrial /Veicular			LXS43/1	OX75D		KX44		X		
Motores	OM355/5, 5A, 6, 6A (Para amaciamento)				OX75D				X		
OF1417 - Série 14t	OM 904LA Eletrônico	01/98->	LX1093	LXS263	OX161/D		KX67/2D		X	HX15	KX72D1
OF1418 - Série 14t	OM904 LA - Eletrônico		LX1093	LXS263					X		
OF1721	OM 904LA	01/00->11/04					KC126/1		X		
OF1721	OM 906LA				OX174D				X		
OH1417 - Série 14t	OM 904LA Eletrônico	01/98->	LX1056 LX1056/1 LX1716	LXS260					X		
OH1418 - Série 14t	OM 904LA Eletrônico		LX1056 LX1056/1 LX1716	LXS260					X		
OH1421 L - Série 14t	OM 366LA	01/98->	LX1070	LXS261	OC303		KC122		X		
OM355/5			LX265	LXS37/1	OX75D		KX44		X		
Onibus O 500M	OM 906 LA - Eletrônico	01/98->11/04	LX1056 LX1056/1 LX1716	LXS260			KC126/1		X		
Onibus O 500M/R/U	OM 926LA - Eletrônico	01/00->11/04	LX1056 LX1056/1	LXS260			KC126/1		X		
Onibus O326	OM 326						KX44		X		
Onibus O355 Urbano e Rodoviário	OM 355/5	01/81->	LX265	LXS37/1	OX75D		KX44		X		
Onibus O362 Urbano e Rodoviário	OM 352	->12/78	LX265	LXS37/1	OX30D		KX43 KX43		X	HX15-DIR.	
Onibus O362 Urbano e Rodoviário	OM 352	01/79->	LX265	LXS37/1	OX197D		KX43 KX35		X		HX15
Onibus O362, O364-12R	OM 352A	79->	LX265	LXS37/1	OX197D		KX43 KX43		X		
Onibus O364, 11R, 12R	OM 352	79->	LX265	LXS37/1	OX197D		KX43 KX43		X	HX15-DIR.	
Onibus O364, 11R, 12R	OM 352	->12/78	LX265	LXS37/1	OX30D		KX43 KX43		X	HX15-DIR.	
Onibus O364, 11R, 12R, O365, O371UP	OM 355/5	81->	LX265	LXS37/1	OX75D		KX44		X		HX15
Onibus O364, 13R, O370, DS, DSR, O371R	OM 355/6	82->			OX75D		KX44		X		
Onibus O371 UL	OM 366LA	96->	LX265	LXS37/1	OC303		KC127 KC128 <sup>(2)</sup>		X		0951-127M1 -ELEM. DISCO COADOR
Onibus O371 UP	OM 366		LX265	LXS37/1	OX137D		KX49 KX49		X		
Onibus O400 R	OM 449	94->	LX273	LXS44/1	OX71D		KX49 KX49		X		
Onibus O400 RSD /RSE	OM 447 LA	97->	LX273	LXS44/1	OX69D		KC127 KC128 <sup>(2)</sup>		X		
Onibus O400 RSD /RSE	OM 457LA	01/98->					KC125/1		X		
Onibus O400 RS/RSL/RSD	OM 447	94->	LX273	LXS44/1	OX69D		KX49 KX49		X		
Onibus O400 UPA	OM 449 LA	97->	LX273	LXS44/1	OX71D		KC127 KC128 <sup>(2)</sup>		X		
S600, Série SL60/600			LX617								
Série C 43/240/280, CLK320/430, E320/430, S320/S430					OX153/7D				LA37		
Série C, 200/220/250, Série E, 200/250/300, Série S, 350, 190/-200/250D, 300D/SD/SEL, 250/-290/300/350GD, D208/308/508, 210/310D, Korando/Musso2.3D/2.9, StillR70					OX38D				LA37		
Série C, SérieE /190/-200/220/230/240/250/260/ 280/-300/320,207D									LA37	HX44	





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			1°	2°	1°	2°	1°	2°				
<b>MERCEDES BENZ</b>												
Série C, 180/200/220/230/280, CLK200/230, SerieE, 200/-220/230/280/320, SLK200/230, Serie V, 200/230/300E/CE/SL, 320E/CE/TE, Vito 113/114, Sprinter214, Ssangyong Musso/ Morando 2.0/3.2, VW LT28,LT35											LA37	
Série D, 200/250/300, Série E, 200/230/260/ 300/420/500, 300SE/SEL, 400SE/SEL, 500SE/SEL, 600SE/SEL, Série S 280/-320/420/500/600/300/ 350, Série SL280/320/500											LA37	HX48
Série E 200/220, Ssangyong Musso 2.0/ Korando 2.0			LX526								LA37	
Série E 200/220/230/240/250/280/ 290/300/320/ 420/430			LX517								LA37	
Série E 280/320			LX438								LA37	
Série E 300, 260, 300			LX114								LA37	
Série E, 420/500, Série S 400/-420/500/400			LX348								LA37	
Série E, 50/55/420/500, Serie S, 400/420/500, 500SE/SEL/SL							OX92D				LA37	
Série E, 190/260/400/420/230/280/320/300/500, Serie eS, 280/320/400/500, serie SL, 280/320/500/600								KL38			LA37	
Série OM 600: MB Sprinter			LX513					KL174			LA83	
Série OM 900							OX161/D	KX67/2D		X		KX72D1
Série S/280/320/300			LX472								LA47/S	
Série S/280/320/430/500, G320			LX804/S								LA47/S	
Série W210 - modelos "E"		06/95->									LA47/S	
Série W210 - modelos "E"		06/95->									LA47/S <sup>(3)</sup>	
SérieC 180/-200/220/230/240/250/280, CLK2-00/230/320, Serie E200/-220/230/240/250/ 280/-290/300/320/420/430, SLK200											LAK37	
SérieC 180/-200/-220/-280/-320/-190/230/260/300/350/380/450/								KL19			LA37	
SérieC1-80/200/220/250/280/230/250/300/ 290/320/190/240/380/420 (Transmissão)											LA37	HX46
SérieC, 180/200/220/230/280, CLK, 200/230, Serie- E ,200/230/280/300/400/420/500/ 600, Serie SL, 600/280/320/500/600, SLK 200, serieV, 200/230								KL65			LA37	
SérieC, 180/200/220/280/320/190/230/260/300/350/380/450/								KL19			LA37	
SLK 200/230			LX539								LA37	
SPRINTER	3.0 CRD BlueTEC Motor OM 642.8	01/10->						KL490-1D		X		
SPRINTER 210 CDI	OM 651.955	03/09->						KL490-1D		X		
SPRINTER 213 CDI	OM 646 LA / OM 651 LA / OM 646.986 / OM 651.956	06/06->						KL490-1D		X		
SPRINTER 216 CDI	OM 651.957	06/06->						KL490-1D		X		
SPRINTER 219 CDI	OM 642.896 / OM 642.992	03/09->						KL490-1D		X		
SPRINTER 2500	3.0 CRD BlueTEC Motor OM 642.8	01/10->						KL490-1D		X		
SPRINTER 310	MAXION ROVER M014A	01/97->12/00	LX513			OC261		KC129/1			LA83	HX15-DIR.





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APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>MERCEDES BENZ</b>											
SPRINTER 310 CDI	OM 651.955	03/09->					KL490-1D		X		
SPRINTER 311	OM611 4cil.						KC100/2		LA83		
SPRINTER 311 CDI	OM611 LA II	01/01->12/04	LX513		OX980D3		KL100/2 KL174 KC496D		LA83		
SPRINTER 311 CDI	OM651LA 2.2L	2012->	LX1845						LAK1002		
SPRINTER 312	MAXION ROVER M014LA	01/00->12/02	LX513		OC261		KC129/1		LA83		HX15
SPRINTER 312D	MAXION ROVER M014LA	01/00->12/01	LX513		OC261		KC129/1		LA83		
SPRINTER 313 CDI	OM 646 LA / OM 651 LA / OM 651.955 / OM 651.956 / OM 646.986	06/06->					KL490-1D		X		
SPRINTER 313 CDI	OM611						KL100/2		LA83		
SPRINTER 313 CDI	OM611 LA III	01/02->	LX513		OX980D3		KL100/2 KL174 KC496D		LA83		
SPRINTER 316 CDI	OM 651.957	03/09->					KL490-1D		X		
SPRINTER 319 CDI	OM 642.992 / OM 642.898 / OM 642.896	03/09->					KL490-1D		X		
SPRINTER 3500	3.0 CRD BlueTEC Motor OM 642.8	01/10->					KL490-1D		X		
SPRINTER 412D	Maxion M014 LA	01/00->12/02	LX513		OC261		KC129/1		LA83		
SPRINTER 413 CDI	OM 646.986	06/06->					KL490-1D		X		
SPRINTER 413 CDI	OM611 LA III	01/02->	LX513		OX980D3		KL100/2 KL174 KC496D		LA83		
SPRINTER 415 CDI	OM651LA 2.2L	2012->	LX1845						LAK1002		
SPRINTER 416 CDI	OM 651.957	03/09->					KL490-1D		X		
SPRINTER 419 CDI	OM 642.992 / OM 642.898 / OM 642.896	03/09->					KL490-1D		X		
SPRINTER 513 CDI	OM 651.956 / OM 646.986	06/06->					KL490-1D		X		
SPRINTER 515 CDI	OM651LA 2.2L	2012->	LX1845						LAK1002		
SPRINTER 516 CDI	OM 651.957	06/06->					KL490-1D		X		
SPRINTER 519 CDI	OM 642.992 / OM 642.898 / OM 642.896	03/09->					KL490-1D		X		
SPRINTER I 308-316 (903)							KL100/2		LA83		
W140S600, SE/SEL						OX147D			LA47/S		
<b>MICHIGAN</b>											
125	Cummins N855C-250		LX273	LXS44/1					X		
125C	Cummins NT-NTA855						KC113		X		
35R	Perkins 4203				OX18D				X		
45C	MB OM352						KX43 KX35		X		
55	MB OM352						KX43 KX35		X		
55AIII	MB OM352				OX197D		KX43		X		
55C	MB OM352				OX197D		KX43		X		
65R	MB OM352						KX43 KX35		X		
75A	MB OM352						KX43 KX35		X		
75A	Perkins				OC308		KX23		X		





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>MICHIGAN</b>											
75III	MB OM352				OX197D	KX43			X		
75III	Perkins 6357				OX200D	KX23			X		
L30	Cummins		LX227	LXS42/1	OC320	KC113			X		
L90I Serie 75000	Cummins		LX227	LXS42/1	OC320	KC113			X		
<b>MINI</b>											
Cooper S (R55/R56 - Cabrio/ Roadster/Coupé) Aut./Mec.	1.6 Turbo N14B16A	08->							LA105 6		
Cooper (R55/R56 - Cabrio/ Roadster/Coupé) Aut./Mec.	1.6 N12B16A	08->							LA105 6		
<b>MITSUBISHI</b>											
3000 GT	3.0i 24V (Z16A) - 6G72	06/92->	LX989		OC205				X		
Airtrek - Aut.	2.4 16V	03->08	LX3696						LA100 3 LAK10 03		
Airtrek - Mec.	2.0 16V Turbo	06->07	LX3696						LA100 3 LAK10 03		
ASX (AWD/FWD/Top) Aut. / Mec.	2.0 16V	2010->	LX3695						LA104 7		
Carisma GLX/GLS	1.8 16V Multi Point Inj.	10/97->			OC205						
Carisma GL/GLX	1.6 16V	10/95->			OC205						
Carisma GLX/GLS	1.8 16V Multi Point Inj.	10/95-> 10/97			OC205						
Celeste GT	2000	4/76- >1/81			OC205	KL60					
Celeste ST/GSR	1600	4/76- >1/81			OC205	KL60					
Colt	1.2	79- >12/83			OC205	KL60			X		
Colt	1.3	2000->	LX3696								
Colt	1.3	96->97	LX3696								
Colt	1.6 Inj	6/84- >5/86			OC205				X		
Colt	1.6 Inj. Turbo	6/86- >7/88			OC205				X		
Colt GL	1.2	84- >5/86			OC205	KL60			X		
Colt GL	1.3 8V/12V	85->91				KL60			X		
Colt GLD	1.8 Diesel	05/86- >07/88			OC274				X		
Colt GLX	1.4	3/79- >6/84			OC205	KL60			X		
Colt GLX	1.5 8V	6/84- >4/88			OC205	KL60			X		
Colt GTI	1.8	04/92- >03/96				KL60			X		
Colt GTI	1.8 16V	1/90- >12/92			OC205				X		
Colt Mirage	1.4 8V	82->83			OC205				X		
Cordia GLS	1.6	10/82- >10/85			OC205	KL60			X		
Diamante		92->	LX989		OC205						
Eclipse		->94			OC205				X		
Eclipse		95->			OC205				X		
Expo		92->			OC205						
Galant	1.6	10/80- >7/88			OC205	KL60			X		
Galant	1.6	74->77			OC205	KL60			X		
Galant	1.8	04/88- >03/93				KL60			X		




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			1°	2°	1°	2°	1°	2°			
<b>MITSUBISHI</b>											
Galant	1.8 Turbo Diesel	06/86->92			OC274				X		
Galant	2.0	7/84->3/88			OC205	KL60			X		
Galant	2.0 16V	3/93->11/96				KL60			X		
Galant	2.0 Diesel	10/92->			OC274				X		
Galant	2.0 Turbo Inj.	3/85->3/88			OC205				X		
Galant	2.5 V6 24V	4/93->3/97				KL60			X		
Galant		92->			OC205				X		
Galant	2.0 V6 24V Multi point	03/93->			OC205	KL60			X		
Galant GL	2.0	74->76			OC205	KL60			X		
Galant GLS/GLX	2.0 Carb.	3/82->7/84			OC205				X		
Galant GTO	2.0	76->80			OC205	KL60			X		
Grandis - Aut.	2.4 16V 4G69	2005->							LA100 3 LAK10 03		
L200	2.0 Carb.	88->12/94				KL60			X		
L200	2.5L Diesel	94->96	LX1067		OC274	KC46			X		
L200	2.5L Diesel	->93				KC46			X		
L200 4X4	2.5 4D56	01/01->05	LX1687/1		OC274	KC83			X		
L200 4X4	MWM 4.07 TCE	2005->	LX1067		OC404	KL428			X		
L200 D	2.5 4D56	11/86->			OC274				X		
L200 Outdoor	2.5L Diesel	01/10->	LX3190	LXS292					X		
L200 Sport / HPE	2.5L Turbo Diesel	05->	LX1687/1		OC1062	KC46			X		
L200 TD	2.5	06/96->12/01	LX1687/1		OC274				X		
L200 TD 4X4	2.5 4D56	11/92->08/96			OC274				X		
L200 Triton	3.2 TDI Turbo Diesel	2012->	LX3713								
L200 Triton		2010->							LA100 3 LAK10 03		
L200 Triton (CD)	3.5 V6 FLEX Motor 6G74	2011->	LX3713								
L200 Triton (CD)	3.5 V6 Gasolina	2007->	LX3713								
L200 Triton (CD/GL/GLS/GLX) Aut./Mec.	3.2 TDI Turbo Diesel	2007->2008	LX3713		OC1062						
L200 Triton (CD/GL/GLS/GLX) Aut./Mec.	3.2 TDI Turbo Diesel Motor 4M41 Di-d	2008->2011	LX3713								
L300 D	2.5 4D56	11/86->			OC274				X		
L300 D 4X4	2.5 4D56 Turbo	11/88->			OC274				X		
L300 DIESEL	2.5L	96->				KC46			X		
L300 Van	1.6 4cil.	1/87->12/94			OC205	KL60			X		
L300 (Todas)			LX3714								
L400 TD	2.5 4D56	01/96->			OC274				X		
Lancer	1.2	02/84->05/86			OC205	KL60			X		
Lancer	1.5	02/84->05/86			OC205	KL60			X		
Lancer	1.8 Diesel	09/84->08/89				KC46			X		
Lancer Evolution (VII/VIII/IX) Mec.	2.0 16V Turbo 4G63	03->07	LX3696						LA100 3 LAK10 03		
Lancer Evolution (VI)	2.0 16V Turbo	99->03	LX3696								
Lancer Evolution (X) Aut.	2.0 16V Turbo 4G63	2009->	LX3696						LA100 3 LAK10 03		





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR							HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°		
<b>mitsubishi</b>										
Lancer GLD/GLDE	1.8 Diesel	05/86->08/89			OC274				X	
Lancer GLS/GSR	2.0 4Cil. OHC	05/78->12/79			OC205	KL60			X	
Lancer GLX	1.4	01/80->83			OC205	KL60			X	
Lancer GLX	1.5 8V	06/86->05/90			OC205				X	
Lancer GSR	1.6	12/79->09/82			OC205	KL60			X	
Lancer Gti	1.8 16V inj.	10/92->09/95				KL60			X	
Lancer (GTI)	1.8 16V	94->97	LX3696							
Outlander Aut.	2.0 16V	2010->	LX3695						LA1047	
Outlander Aut.	2.4 16V (CW0)	2008->	LX3695						LA1047	
Outlander Aut. (GT/GT4)	3.0 24V V6 (CW6W)	2008->	LX3695						LA1047	
Pajero	2.8L 16v Diesel	94->01			OC1062	KC46			X	
Pajero	Diesel	->93	LX1067		OC274	KC46			X	
Pajero Dakar (HPE) Aut./Mec.	3.2 V6 Diesel - Motor 4M41	2012->	LX3713							
Pajero Dakar (HPE) Aut./Mec.	3.5 V6 Flex - Motor 6G74	2011->	LX3713							
Pajero Full	3.2L Diesel	00->			OC1062				X	
Pajero io (SE)	1.8 16V	99->02	LX3696							
Pajero Sport Aut.	3.5 V6 Flex - 6G74	2011->	LX3715							
Pajero Sport (GLS / HPE) Aut.	3.0 V6 - 6G72	93->96	LX3715							
Pajero Sport (HPE) Aut.	3.5 V6	99->01	LX3715							
Pajero Sport (HPE) Aut.	3.5 V6 - 6G74	1998	LX3715							
Pajero Sport (HPE) Aut.	3.5 V6 - K99W	2002->2010	LX3715							
Pajero TR4	2.0L 16V Flex	06/07->	LX3696		OC259 OC600 OC1028 FLEX	KL582 (Plus)			LA611/S	
Pajero TR4/4x4/Aut.	2.0L 16V Gas.	01-/2003->	LX3696		OC600				LA611/S	
Pajero (Shogun/ Chall./ Montero)	2.4 - 4G64	04/91->	LX989						X	
Pajero (Shogun/ Chall./ Montero)	3.0 V6 24V - 6G72	06/97->	LX989		OC205					
Pajero (Shogun/ Chall./ Montero)	3.0 V6 (V23W/ V43W/ V23C) - 6G72	12/90->	LX989		OC205				X	
Sapporo	2.0 Turbo Inj. 4Cil.	3/82->10/85			OC205				X	
Shogun	2.3 Diesel Turbo 4Cil.	83->8/86				KC46			X	
Shogun	2.5 Diesel Turbo 4Cil.	7/86->5/91			OC205	KC46			X	
Shogun	2.6 Carb.	7/83->10/88			OC205	KL60			X	
Shogun	3.0 V6 12V Inj.	3/89->4/91			OC205				X	
Shogun	3.0 V6 24V Inj.	9/94->			OC205				X	
Shogun	3.5 24V Inj.	2/94->			OC205				X	
Shogun GLS/GLX	2.5 24V Turbo Diesel	7/83->10/88				KC46			X	
Shogun GLS/GLX	2.8L Turbo Diesel	03/94->			OC1062	KC46			X	
Sigma	1.6 Carb.	83->85			OC205				X	
Sigma	3.0 V6 12V Inj. Multi point	2/93->3/96	LX989		OC205				X	
Sigma	3.0 V6 24V Inj.	91->3/96	LX989		OC205				X	
Sigma	3.0 V6 F16A - 6G72	12/90->07/96	LX989						X	





(1) Tipo Exportação

(2) Opcional

(3) Com Ar

(4) Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>MITSUBISHI</b>											
Sigma	3.0 V6 St. W. - 6G72	01/93->07/96	LX989						X		
Space Gear	2.0 16V - 4G63	05/95->	LX989						X		
Space Gear	2.0 16V - 4G63	08/96->	LX989						X		
Space Gear	2.4i - 4G64	05/95->	LX989						X		
Space Gear	2.4i 4x4 - 4G64	05/95->	LX989						X		
Space Gear	2.5 Turbo Diesel	96->			OC274		KC46		X		
Starion	2.0 Turbo Inj.4Cil.	3/82->11/89			OC205				X		
<b>MONTANA PARRUDA</b>											
Modelo MA 3025 H	MWM 4.10	04->	LX1093	LXS263	OC60		KC124/1 KX24		X	HC4	HX15
Modelo MA 3027 H	MWM 6.10	04->	LX1093	LXS263	OC35		KC122		X	HC4	HX15
<b>MULLER</b>											
AD TD 229	6 Cil. Alcool/Diesel Ind.				OC60		KX43		X		
AD229/3	4 Cil. Alcool/Diesel Ind.		LX1057		OC26		KX43 KX35		X		
AP12	MB OM321						KX44		X		
AP20 Rolo compac. de pneus	Perkins 4203		LX236	LXS41/1	OX18D		KX23		X		
AP200, RV60, RV80	Deutz A4L-1014				OC26		KC113		X		
AP200, RV60, RV80	Deutz A6L-1014						KX44		X		
AP21, 23, 26, 35	MB OM352	->79	LX243	LXS37/1			KX43 KX35		X		
AP21, 23, 26, 35	MB OM352	82->83	LX243	LXS37/1			KX43 KX35		X	HX51D	
AP21, 26	MB OM321						KX44		X		
AP35	Perkins 6357				OX200D		KX23 KX23		X	HX51D	
AP350	Deutz A4L-1014				OC26		KC113		X		
AP350	Deutz A6L-1014						KX44		X		
AP91, 120; RT42, 62, 82; TR12, 92, 102; RV40, 44, 48, 52	Deutz A2L-1014 ou A3L-1014						KX44		X		
Basculantes WB75B, 120B	Cummins VTA 1710-TVA 80				OX198D OX218D		KC133		X		
D222-D, 225/2	MWM 4 Cil. antigo				OX218D		KX44		X		
D225/3 Ind. marit. veic.	MWM 4 Cil.		LX200 LX200/1	LXS40/1	OC26		KX43 KX35		X		
D225/6 Ind. marit. veic.	6 Cil.				OC60		KX43		X		
D226/4 Ind. veic.	4 Cil.		LX1065		OC26		KX43 KX35		X		
RT42, 62, 82	MWM D222						KX44		X		
RT42, 62, 82	MWM D223/4				OX47D		KX44		X		
RT62H, 82H, 92, 102H, RV52, TR14	Perkins 4203		LX236	LXS41/1	OX18D		KX23		X		
RT62, 82, 92, 102	Perkins 4203				OX18D		KX23		X		
RV52	Deutz F4L-912				OC26		KC113 KC113		X		
RV52	Scania DS11			LXS43/1	OC18				X		
RV52P	Deutz A2L-1014, A3L-1014						KX44		X		
TC15B	MB OM352	->79	LX243	LXS37/1			KX43 KX35		X		
TC15B	MB OM352	80->	LX243	LXS37/1	OX197D		KX43 KX35		X		





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>MULLER</b>											
TC15, 155	MB OM352	->79	LX243	LXS37/1			KX43 KX35		X		
TC15, TC15C	MB OM352	80->	LX243	LXS37/1	OX197D		KX43 KX35		X		
TI18	Cummins 6CT-8.3				OC319		KC113		X		
TI18	MB OM352		LX243	LXS37/1	OX197D		KX43 KX35		X		
TM12, TM14	MWM 6 Cil.				OC60		KX43		X		
TM17	Cummins CGT-8.3 Serie C	92->			OC319		KC113		X		
TM28, TM31	Cummins 855CP	88->			OC18		KC113		X		
TS22 Trator florestal	MB OM352A		LX265	LXS37/1	OX197D		KX43 KX35		X		
VAP55	MB OM314	82->83	LX200 LX200/1	LXS40/1	OX85D		KX43 KX35		X	HX51D	
VAP55	MWM D225/4		LX275		OC26		KX43 KX35		X		
VAP70, 72	MB OM352	80->	LX243	LXS37/1	OX197D		KX43 KX35		X		
VAP70, 72	MB OM352	78->79	LX243	LXS37/1			KX43 KX35		X		
VT8 Rolo compac. vibrat.	Deutz F3L-912				OC26		KC113		X		
WB 120B	Caterpillar 348				OX217D				X		
<b>NEW HOLLAND</b>											
135	Perkins 6357	75->			OC308		KX23 KX23		X		
1530	MB OM314	75->			OX85D		KX43 KX35		X		
1530	MB OM352			LXS41/1	OX197D		KX43		X		
1530-1540	Deutz F6L-912	->74			OC60		KC24		X		
1530, 1550	MB OM352	->78		LXS41/1	OX85D		KX43		X		
1530, 1550, 4040, 5050	MB OM352	79->		LXS41/1	OX199D		KX43		X		
4600, 5600, 6600	Ford Diesel	78-84			OC324		KX23		X		
8055	Ford Cargo	90->	LX227	LXS42/1	OC302		KC113 KC113		X		
8055	MB OM352A	01/88->	LX265	LXS37/1	OX197D		KX43 KX35		X	HX15	
8630 DT/ 8830 DT	IVECO 6CIL	93	LX265	LXS37/1	OC35		KC4		X		
Colheitadeira TC55										LA883	
Colheitadeira TC57										LA883	
Colheitadeira TC59										LA883	
DT8430	IVECO 6CIL	93	LX265	LXS37/1			KX23		X		
LB75			LX3604						X		
Motor Estacionário	HSD 678 HT Turbo		LX265	LXS37/1	OC302		KC113		X		
SÉRIE 7000 - 7630		2007->	LX3190	LXS292							
SÉRIE 8000 - 8030		2007->	LX3190	LXS292							
SÉRIE TL - 85E Exitus / 95E Exitus	MWM INTERNATIONAL BIO	2005->	LX3190	LXS292							
SÉRIE TS - 6000 / 6020 / 6030 / 6040		2007->	LX3190	LXS292							
SÉRIE TS - 90 / 100 / 110 / 115	MOTOR NEW HOLLAND DIESEL	1997->2003	LX3618								
SÉRIE TS - 90 / 100 / 110 / 120	IVECO NH675TD	2001->2007	LX3190	LXS292							
TC57	Genesis	96->	LX227	LXS42/1			KC113 KC113		X		
TRATOR - 8160 / 8260 / 8360 / 8560	MOTOR NEW HOLLAND DIESEL	1995->2000	LX3618								




(1) Tipo Exportação

(2) Opcional

(3) Com Ar

(4) Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR									HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°	1°	2°		
<b>NEW HOLLAND</b>												
TRATOR 5640	MOTOR 4.4L DIESEL	1992- >1992	LX3618									
TRATOR 7740	MOTOR 304 CID TURBO DIESEL		LX3618									
TRATOR 7840	MOTOR 6.6L DIESEL	1992- >1992	LX3618									
TRATOR 8340	MOTOR 7.5L DIESEL	1992- >1992	LX3618									
Trator 8430/ 8630/ 8830			LX3617									
Trator T9020	New Holland 9.0L Diesel	07->	LX3259						X			
Trator T9030 / 9040 / 9050	New Holland Diesel	07->	LX3259						X			
Trator T9060	Cummins QSX15	07->	LX3259						X			
Trator TJ275 / 325	New Holland Diesel	01->	LX3259				KL870		X			
Trator TJ280 / 330 / 380 / 430	New Holland Diesel	06->	LX3259						X			
Trator TJ375 / TJ425 / 450	Cummins QSX15	01->	LX3259						X			
Trator TJ480 / 530	Cummins QSX15		LX3259						X			
Trator TJ500	Cummins QSX15	04->	LX3259						X			
TRATOR TL 60 / TL 75 / TL 85 / TL 95		12/04->	LX3615						X			
TRATOR TL 65 / TL 70 / TL 80 / TL 90 / TL 100		08/97- >08/05	LX3615						X			
TRATOR TM120		2002->	LX2713						X			
TRATOR TM125		2000- >2002	LX2713						X			
TRATOR TM130		2002->	LX2713						X			
TRATOR TM135		2000- >2002	LX2713						X			
TRATOR TM140		2002->	LX2713						X			
TRATOR TM150	MOTOR 675WV DIESEL		LX3618									
TRATOR TM150		2000- >2002	LX2713						X			
TRATOR TM155		2002->	LX2713						X			
TRATOR TV140		1997- >2003	LX2713						X			
U80 (Pá Carregadeira)	New Holland 439	06->					KL870		X			
<b>NISSAN</b>												
100NX	2.0 GTI (B13) - SR20DE	03/91->	LX307									
200 SX, ZX	1.8 Turbo (S13) - CA18DT	09/88- >11/93	LX307									
200 SX, ZX (S14)	2.0i 16V Turbo SR20DET	04/94->	LX1298									
300	3.0 Inj.6Cil.	84->88	LX307									
300 ZX	3.0 Inj.6Cil.	05/84- >03/90	LX307									
Almera	1.6 inj.16V	10/95->				OC534			X			
Almera Gti	2.0 Inj.16V	96->	LX307			OC534			X			
Almera GX	2.0 inj.Diesel	10/95->	LX307						X			
Almera GX/SI	1.4 Inj.	10/95->				OC534			X			
Bluebird	1.8i 16V (RLT72) - CA18D	02/89- >12/90	LX307						X			
Cedric	2.8 Diesel		LX307						X			
D21	2.4	92->	LX307			OC320						





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR							HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°		
<b>NISSAN</b>										
Ebro Trade	2.0 Diesel	85->88	LX200 LX200/1							
Frontier	2.5L 16v Turbo Diesel Eletrônica	12/07->				KC189		LA817/ S		
Frontier	2.5L 16v Turbo Diesel (163/190cv)	2012->				KL440/4		LA817/ S		
Frontier	2.8L 12v MWM Turbo Eletrônico	05->	LX1687/1		OC404	KL747		X		
Frontier	3.2 Gasolina	98->	LX307					X		
Frontier	D22 2.8 MWM Sprint 4.07T	6/02->	LX1687/1		OC404	KL316		X		
Frontier	MWM 4.07 TCE	2005->				KL428		X		
Frontier	MWM Sprint 4.07T	01/05->	LX1687/1		OC404	KL100/2		X		
Frontier (AX/DX) Mec.	3.2 Diesel	1998- >1999			OC67	KC518				
Frontier (Espanhola - LE / SEL / SE / XE) Aut. Mec.	2.5 Diesel	08->12	LX3519							
Frontier (Espanhola - LE) Aut./Mec.	2.5 Diesel	2006- >2007				KC518				
Frontier (Espanhola)	2.5L Diesel		LX935		OC23 OC506 PLUS	KC189				
Frontier (Japonesa - AX CD) Aut./Mec.	2.5 Diesel	00->02	LX3780			KC518				
Frontier (Nacional - LE / SEL / SE / XE) Aut./Mec.	2.5L Turbo Diesel	2010- >2011	LX3519		OC236	KC189		LA817/ S		
Frontier (Tailandesa - LE / SEL / SE / XE) Aut./Mec.	2.5L Diesel	2008->	LX3519		OC23 OC506 PLUS	KC189		LA817/ S		
Grand Livina	1.8L 16V Flex	09->	LX1631		OC195			LA818		
King	2.2	84->				KL63 KL222 <sup>(2)</sup>				
Laurel	2.4 (JC32) - L24S	01/85- >12/87	LX307					X		
Livina	1.6L 16V Flex	09->	LX773		OC309			LA818		
Livina	1.8L 16V Flex	09->	LX1631		OC195			LA818		
March	1.0L 16V Flex	2011->	LX1563		OC475	KL583 (Plus)		LA903		
March	1.6L 16V Flex	2011->	LX3487		OC259 OC600			LA903		
Maxima	3.0 V6 24V QX (A33) - VQ30DE	05/00->	LX307		OC600					
Maxima	3.0L V6	92->	LX307					X		
Micra	1.0 16V Inj.4Cil.	10/92- >12/95			OC534			X		
Micra	1.0 16V Inj.4Cil.	12/95->			OC534			X		
Micra	1.0 / 1.3	92->			OC534			X		
Micra	1.3 16V Inj.	10/92- >12/95			OC534			X		
Micra	1.3 16V Inj.	12/95->			OC534			X		
Murano (LE/S/SE/SL/LE)	3.5 V6 VQ35DE	07->09						LA104 0		
Pathfinder	2.5L dci (YD25DDTI)	06->	LX935			KC189		LA817/ S		
Pathfinder	3.3 V6 (R50) - VG33E	09/97- >03/05	LX307					X		
Pathfinder	4.0L V6 (VQ40DE)	06->						LA817/ S		
Pathfinder/Pick-up	Diesel	92->			OC67			X		
Patrol	4.2 Inj.	92->	LX307					X		
Pick-up	2.8L Diesel		LX1687/1					X		
Pick-up	Turbo Diesel	92->	LX200 LX200/1		OC67			X		
Prairie	2.0 Carb.	04/89- >12/91	LX307					X		
Primera	1.6 16V Inj.	92->				KL2				
Primera	2.0 Inj.	6/93- >1/96	LX307		OC534	KL2		X		





(1) Tipo Exportação

(2) Opcional

(3) Com Ar

(4) Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR									HIDRÁULICO / HYDRAULIC	OUTROS / OTHER
			1°	2°	1°	2°	1°	2°				
<b>NISSAN</b>												
Primera I	2.0 16V (P11) - SR20DE EGI Kat.	09/96->	LX307									
Primera I	2.0 16V (P11) - SR20DE MPI	09/96->	LX307									
Primera I	2.0 16V (P11) - SR20DE SPI	09/96->	LX307									
Primera I	2.0 (P10) - SR20Di, SR20DE	06/90->01/96	LX307						X			
Primera I	2.0 (P11) - SR20DE	09/96->	LX307									
Primera SRI	1.6 16V Inj.	6/95->11/96				KL2			X			
Primera ZX/GT	2.0 16V inj.	9/90->1/96	LX307		OC534	KL2			X			
QX S/SE/SEL	2.0 V6 24V	03/95->	LX307									
Sentra		92->	LX307									
Sentra S/SL	2.0L 16V Flex	08/09->09/13	LX957/3		OC195	KL583 (Plus)			LA396			
Sentra S/SL	2.0L 16V Gasolina	03/07->12/09	LX957/3		OC195 OC205	KL583 (Plus)			LA396			
Sentra S/SL/SV	2.0L 16V Flex	14->	LX957/3		OC195	KL583 (Plus)			LA110 2			
Serena	1.6 (C23) - GA16DE	02/93->	LX307						X			
Serena	2.3 Diesel	95->	LX307						X			
Serena LX/GX	1.6 4Cil.Inj.	1/93->	LX307			KL2			X			
Serena SGX/SLX	2.0 4Cil.Inj.	1/93->	LX307		OC534	KL2			X			
Sunny	1.4 16V (N14) GA14DE/DS	10/90->05/95	LX1298						X			
Sunny	1.4i 16V (N14) GA14DE	10/92->05/95	LX1298						X			
Sunny	1.6 GTI 16V (N13) - CA16D	06/87->05/89	LX307						X			
Sunny	1.6i 16V St.W. (Y10L) GA16DS	10/92->	LX1298						X			
Sunny	1.6i 16V (N14) GA16DE	10/92->05/95	LX1298						X			
Sunny	1.7 Diesel	03/86->91	LX307						X			
Sunny	1.8 GTI 16V (N13) - CA18D	01/89->06/91	LX307						X			
Sunny	2.0 GTI-R (N14) - SR20DET	10/90->05/95	LX307		OC534				X			
Sunny	2.0D GTI 16V (N14) - SR20DE	10/90->05/95	LX307						X			
Sunny	2.0D St. W. (Y10L) - CD20	06/91->	LX307						X			
Sunny	2.0D (N14) - CD20	10/90->05/95	LX307						X			
Sunny Van	1.3	03/84->91				KL63 KL222 <sup>(2)</sup>			X			
Sunny Van	1.5	03/84->91				KL63 KL222 <sup>(2)</sup>			X			
Terrano II	2.4 Inj.12V	06/93->	LX307						X			
Tiida	1.8L 16V Flex	08/07->	LX1631		OC195				LA818			
Venette	1.5	85->94				KL63 KL222 <sup>(2)</sup>			X			
Venette Petrol	1.6	96->				KL2			X			
Venette Cargo	2.3 Diesel	95->	LX307						X			
Versa	1.6L 16V Flex	2011->	LX3487						LA903			
X Terra	3.3 V6	99->	LX307									
X Terra	MWM 4.07 TCE	2005->				KL428						
<b>PEUGEOT</b>												
104		05/73->84				KL63 KL222 <sup>(2)</sup>			X			





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>PEUGEOT</b>											
106	1.0	10/91->10/95					KL63		X		
106	1.0 Inj.	93->10/95					KL60		X		
106	1.0i CDZ	01/97->					OC100 OC505 PLUS	KL60	X		
106	1.1	9/91->9/92					KL63		X		
106	1.1i - HFX (TU1JP)	07/00->					OX193D		X		
106	1.4 KDY (TU3M)	09/91->04/96					OC100 OC505 PLUS	KL60	X		
106	1.4 KFZ (TU3J2/Z)	09/91->04/96					OC100 OC505 PLUS	KL60	X		
106	1.4 Turbo Diesel	->10/95					KC24 KC6D		X		
106	1.4i KFX (TU3JP)	05/96->					OC100 OC505 PLUS		X		
106	1.4i - KFW/ KFX (TU3JP)	07/00->					OX193D		X		
106	1.4i - NFZ (TU5JP)	07/00->					OX193D		X		
106	1.5 Diesel	94->					KC24 KC6D		X		
106	1.6 NFY (TU5J2)	01/94->04/96					OC100 OC505 PLUS	KL60	X		
106	1.6 NFZ (TU5JP)	06/93->04/96					OC100 OC505 PLUS	KL60	X		
106	1.6 S16 NFX (TU5J4)	05/96->					OC100 OC505 PLUS		X		
106	1.6i NFY (TU5J2)	05/96->					OC100 OC505 PLUS		X		
106	1.6i NFZ (TU5JP)	05/96->					OC100 OC505 PLUS		X		
106 KID/XN/XT		94->98					KL60		X		
106, 205, 206, 306, 405, 406		99->					KL583 (Plus) KL72 <sup>(1)</sup>		LA57		
204	1.1	09/75->81					KL63 KL222 <sup>(2)</sup>				
205	1.6 CJ - BDY (XU5M3Z)	08/92->12/98					OC100 OC505 PLUS	KL60	X		
205	1.6 CTI	10/88->10/90					OC100 OC505 PLUS		X		
205	1.6 CTI 180Z (XU5J)	04/86->10/90					OC100 OC505 PLUS		X		
205	1.6i Cabriolet BDY (XU5M3Z)	92->					KL60		X		
205		99->					KL583 (Plus) KL72 <sup>(1)</sup>		X		
205 GTI / Cti		94->98					OC100 OC505 PLUS		X		
205 XSI		94->98					OC100 OC505 PLUS	KL2	X		
206	1.0	00->					OC309 OC505 PLUS	KL583 (Plus) KL72 <sup>(1)</sup>		LA57	
206	1.0 16V Nacional	01/00->	LX1711							LA57	
206	1.1i - HFX/HFZ (TU1JP)	07/00->					OX193D			LA57	
206	1.4 16V	03->05					OX339/2D Eco	KL583 (Plus)		LA57	
206	1.4 8 / 16 V	06->	LX643 LX645/1 (alto)				OX339/2D Eco	KL583 (Plus)		LA57	





<sup>(1)</sup> Tipo Exportação

<sup>(2)</sup> Opcional

<sup>(3)</sup> Com Ar

<sup>(4)</sup> Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>PEUGEOT</b>											
206	1.4 8V	03->05	LX643 LX645/1 (alto)		OX339/2D Eco		KL583 (Plus)		LA57		
206	1.4i - KFX (TU3JP)	07/00->			OX193D				LA57		
206	1.6	99->					KL583 (Plus) KL72 <sup>(1)</sup>		LA57		
206	1.6 16V NFU (TU5JP4)	10/00->	LX643						LA57		
206	1.6 16V NFU (TU5JP4)	10/00-> >05	LX643 LX645/1 (alto)		OX339/2D Eco		KL583 (Plus)		LA57		
206	1.6i 8V - NFZ (TU5JP)	08/98-> >12/00	LX643		OC100 OC505 PLUS				LA57		
206	1.6i NFZ (TU5JP)	08/98-> >12/00			OC100 OC505 PLUS				LA57		
206	1.6i NFU (TU5JP4)	09/00->			OX193D				LA57		
206 Escapade	1.6 16V Flex		LX643 LX645/1 (alto)		OX339/2D Eco		KL583 (Plus)		LA57		
206 (Feline / Holiday / Presence / SW Presence)	1.4 8V Flex	01/04->	LX645/1		OX339/2D ECO		KL583 (Plus)		LA57		
206 (Holy./Rall./Selec./Pres./SW/ Escap./Felin./Tech.)	1.6 16v Flex	01/05->	LX645/1		OX339/2D ECO		KL583 (Plus)		LA57		
206 (nacional)	1.0	00->			OC309 OC505 PLUS		KL583 (Plus) KL72 <sup>(1)</sup>		LA57		
206 (Pass./Rallye/Soleil/Quick./ SW/Felin./Pres./Tech)	1.6 16v	01/01->	LX645/1		OX339/2D ECO		KL583 (Plus)		LA57		
207	1.6L 16V Flex	05/08->	LX1745		OX339/2D ECO		KL583 (Plus)		LA57		
207 (X-Line / XR / XR-S)	1.4L 8V Flex	05/08->	LX3354		OX339/2D ECO		KL583 (Plus)		LA57		
207 (XS/ XS Aut. / Escapade)	1.6L 8V Flex	05/08->	LX1745		OX339/2D ECO		KL583 (Plus)		LA57		
208	1.5 8V Flex	03/13->			OX339/2D ECO		KL583 (Plus)		LA109 9S		
208	1.6 16V Flex VVT EC5	03/13->			OX339/2D ECO		KL583 (Plus)		LA109 9S		
3008 (Allure/Crossover)	1.6L 16V Gas.	2010->	LX3699						LA428/ S		
304 GL/SL	1.3	09/75-> >81					KL63 KL222 <sup>(2)</sup>		X		
305	1.5	02/83-> >07/88					KL63 KL222 <sup>(2)</sup>		X		
305 D/GLD/SRD	1.9	10/2-> >8/89					KX23		X		
305 GL/GLS/GR/Break/GT/GTX	1.6	08/83-> >07/88					KL63 KL222 <sup>(2)</sup>		X		
305 GL/GLS/GR/SR	1.3	02/83-> >07/86					KL63 KL222 <sup>(2)</sup>		X		
305 GL/GLS/GR/SR	1.5	02/83-> >07/88					KL63 KL222 <sup>(2)</sup>		X		
305 SR	1.5	02/83-> >07/88					KL63 KL222 <sup>(2)</sup>		X		
305 SR	1.6	09/85-> >06/87					KL63 KL222 <sup>(2)</sup>		X		
306	16V	94->	LX488				KL60				
306	1.4 KFX (TU3JP)	05/93->			OC100 OC505 PLUS						
306	1.4i KFW/ KFX (TU3JP)	07/00->			OX193D						
306	1.4/1.6 XFX (TU3JP)/ MFZ (TUJP)/ 2.0i 16V - RFY (XU10J4Z)/ RFT (XU10J4)	->6/96	LX488		OX193D		KL60				
306	1.6 NFZ (TU5JP)	05/93-> >12/00			OC100 OC505 PLUS		KL60				
306	1.8 16V - XU7JP4	07/00->	LX744								
306	2.0 RFV (XU10J4R)	03/97->	LX744		OC100 OC505 PLUS						





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°					
<b>PEUGEOT</b>											
306	2.0 RFX (XU10J2)	05/93->	LX488		OC100 OC505 PLUS		KL60				
306	2.0 S16 RFT (XU10J4)	06/94->			OC100 OC505 PLUS		KL60				
306	2.0 S16 RFY (XU10J4Z)	05/93->			OC100 OC505 PLUS		KL60				
306	NFT	10/00->			OX193D						
306 XS	1.6	94->	LX488		OX193D		KL60				
306 XT	1.8 /2.0	94->	LX488				KL2				
307	1.4I - KFW (TU3JP)	08/00->			OX193D				LA138		
307	1.6 16V	->07	LX1048		OX193D		KL583 (Plus)		LA138		
307	1.6 16V Flex	05->	LX1048		OX339/2D Eco		KL583 (Plus) KL416		LA138		
307	1.6I - NFU (TU5JP4)	08/00->			OX193D				LA138		
307	2.0 16V	04->	LX1048		OX339/2D Eco		KL583 (Plus)		LA138		
307	2.0 16V EW10A	06/07->			OX339/2D Eco		KL583 (Plus)		LA138		
307	2.0L 16V	08/07->	LX1765		OX339/2D ECO		KL583 (Plus)		LA138		
307 (Sedan / Presence / Presence Pack)	1.6L 16V Flex (TU5JP4)	01/07->	LX1745		OX339/2D ECO		KL583 (Plus)		LA138		
307 (Todos modelos)	2.0 16V EW10J4	01/03->05/07	LX1048		OX339/2D ECO		KL583 (Plus)		LA138		
308	1.6 16V Flex VVT EC5	2012->	LX1745		OX339/2D ECO		KL583 (Plus)		LA138		
308	2.0 16V Flex VVT	2012->	LX1765		OX339/2D ECO		KL583 (Plus)		LA138		
309	1.1	01/86->10/89					KL63 KL222 <sup>(2)</sup>		X		
309	1.1 HDZ (TU1M)	08/90->12/93			OC100 OC505 PLUS		KL2		X		
309	1.3	01/86->09/91					KL63 KL222 <sup>(2)</sup>		X		
309	1.4	->08/92					KL63 KL222 <sup>(2)</sup>		X		
309	1.4 K1D (TU3A)	07/90->12/93			OC100 OC505 PLUS				X		
309	1.4 K1D (TU3A)	03/89->07/89			OC100 OC505 PLUS				X		
309	1.4 K2B (TU3S)	03/89->07/89			OC100 OC505 PLUS				X		
309	1.4 KDY (TU3M)	07/89->12/93			OC100 OC505 PLUS		KL2		X		
309	1.4 KDY (TU3M)	03/89->07/89			OC100 OC505 PLUS				X		
309	1.6	01/86->07/92					KL63 KL222		X		
309	1.9 GTI D6B (XU9JA)	10/86->07/89			OC100 OC505 PLUS				X		
309	1.9 GTI DKZ (XU9JAZ)	07/89->12/93			OC100 OC505 PLUS				X		
309	1.9 GTI DKZ (XU9JAZ)	07/88->07/89			OC100 OC505 PLUS				X		
309 SI/GL/GLX	1.4 Inj.	10/91->06/93					KL63 KL222 <sup>(2)</sup>		X		
404 GLI	1.6 Inj.	92->9/95	LX488				KL2		LA9		
405	1.4	91->08/93	LX488				KL63 KL222 <sup>(2)</sup>		LA9		





(1) Tipo Exportação

(2) Opcional

(3) Com Ar

(4) Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR									HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°				
<b>PEUGEOT</b>												
405	1.4	92->08/93	LX488				KL60		LA9			
405	1.4 KDX (TU3MC)	08/92->12/96					OC100 OC505 PLUS	KL2	LA9			
405	1.4i/1.6i	92->	LX488				KL2		LA9			
405	1.6	09/87->09/92	LX488				KL63 KL222 <sup>(2)</sup>		LA9			
405	1.6 B2A/B/C (XU52C)	01/87->12/92					OC100 OC505 PLUS		LA9			
405	1.6 BAZ (XU5CP)	07/87->06/88					OC100 OC505 PLUS		LA9			
405	1.6 BDY (XU5M2Z)	07/87->12/92					OC100 OC505 PLUS	KL2	LA9			
405	1.6 BDZ (XU5M)	10/89->12/92					OC100 OC505 PLUS	KL2	LA9			
405	1.6 BFZ, BDY/Z (XU5J/MZ)	08/92->12/96					OC100 OC505 PLUS		LA9			
405	1.6 GLi	94->					KL2		LA9			
405	1.8 e 2.0 Sri.Break	94->98	LX488				KL2		LA9			
405	1.8 Inj.	10/92->01/95	LX488						LA9			
405	1.8 Inj.	02/95->					KL583 (Plus) KL72 <sup>(2)</sup>		LA9			
405	1.8 LFZ (XU7JP)	08/92->12/96					OC100 OC505 PLUS	KL2	LA9			
405	1.9	10/90->09/92					OC100 OC505 PLUS	KL2	LA9			
405	1.9 Carb.	09/87->10/92						KL63 KL222 <sup>(2)</sup>	LA9			
405	1.9 D2C (XU92C)	07/87->12/92					OC100 OC505 PLUS	KL2	LA9			
405	1.9 DDZ (XU9M)	07/88->12/92					OC100 OC505 PLUS	KL2	LA9			
405	1.9 DKZ (XU9JAZ)	07/88->12/92					OC100 OC505 PLUS	KL2	LA9			
405	2.0 16V RFR	01/99->11/00					OC100 OC505 PLUS		LA9			
405	2.0 16V RFT	94->	LX488				KL2		LA9			
405	2.0 16V RFT (XU10J4)	06/94->12/95					OC100 OC505 PLUS	KL2	LA9			
405	2.0 8V RFT (XU10J2)	08/92->12/96	LX488				KL2		LA9			
405	2.0 8V RFX (XU10J2)	08/92->12/96					OC100 OC505 PLUS		LA9			
405	MI 16V.	94->98	LX488				KL2		LA9			
405		99->					KL583 (Plus) KL72 <sup>(1)</sup>		LA9			
405		92->							LA9			
405 GLI	1.6	94->98	LX488				KL2		LA9			
405 SRi Break	1.8 /2.0	94->					KL2		LA9			
406	1.6	94->98					KL2		LA32			
406	1.6 Inj. 16V	11/95->					KL583 (Plus) KL72 <sup>(1)</sup>		LA32			
406	1.6 Inj. 16V	02/95->10/95					KL583 (Plus) KL72 <sup>(1)</sup>		LA32			





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>PEUGEOT</b>											
406	1.8 Inj.16V	10/95->					KL583 (Plus) KL72 <sup>(1)</sup>		LA32		
406	1.8/2.0	94->98					KL60		LA32		
406	1.9 Turbo Diesel	11/95->							LA32		
406	2.0 Inj. 16V	11/95->					KL583 (Plus) KL72 <sup>(1)</sup>		LA32		
406	2.1 Turbo Diesel	7/96->							LA32		
406	3.0 24V V6	02/97->	LX572				KL60		LA32		
406		95->							LA32		
406		99->					KL583 (Plus) KL72 <sup>(1)</sup>		LA32		
406 Coupé	2.0 16V RFR	01/99- >11/00	LX572		OC100 OC505 PLUS				LA32		
407 Aut./Mec.	2.0 16V EW10J4	2005->							LA103 3		
407 (ALLURE/ PRESENCE) Aut./ Mec.	2.0 16V EW10A	2006->							LA103 3		
407 (FELINE/GRIFFE) Aut./Mec.	3.0 V6 24V ES9A	2005->							LA103 3		
408	1.6 16V THP	2012->			OX339/2D ECO		KL583 (Plus) KL72		LA138		
408	2.0 16V Flex	2012->	LX1765		OX339/2D ECO		KL583 (Plus)		LA138		
408 (GRIFFE) Tiptronic	1.6 16V TURBO	2012->							LA103 3		
504 Diesel PICK-UP		97->			OC318		KX23		X		
504 Diesel PICK-UP		94->96					KX23		X		
504 L/GL/GR/SR	1.8/2.0	10/83- >89					KL63 KL222 <sup>(2)</sup>		X		
504 SLD/ GD/ GRD	2.3 8V Diesel	07/97->	LX200 LX200/1		OC100 OC505 PLUS		KX23		X		
505	2.8 V6 Inj.	9/86- >6/89			OC503				X		
505 GTD XD3T	2.5 Turbo Diesel	7/83- >5/90			OC503				X		
604 Gtl	2.8 V6	1/84- >2/85			OC503				X		
604 GTI/STI/TI	2.8 Inj.	8/77- >5/83			OC503				X		
605	2.0	06/89- >12/99			OC100 OC505 PLUS		KL2		LA26		
605	2.0 16V RFV (XU10J4R)	07/94- >12/99			OC100 OC505 PLUS				LA26		
605	2.0 Inj.	8/94->					KL2		LA26		
605	2.0 RFZ (XU10J2Z)	06/89- >12/99			OC100 OC505 PLUS		KL2		LA26		
605	2.0 Turbo RGY (XU10J2TE)	07/92- >12/99			OC100 OC505 PLUS		KL2		LA26		
605	2.5M Turbo Diesel	8/94->			OC503				LA26		
605	3.0 V6	04/97- >12/99			OC100 OC505 PLUS		KL2		LA26		
605	3.0 V6 24V	8/94->			OC503		KL2		LA26		
605		95->							LA26		
605 SLD/SRD/SLDT/SRDT/SVDT	2.1 Turbo Diesel	10/90- >7/94							LA26		
605 SRI	2.0	94->					KL2		LA26		
605 SR/SV	3.0	8/94->			OC503		KL2		LA26		
606 SV3	3.0	94->			OC503		KL2				





<sup>(1)</sup> Tipo Exportação

<sup>(2)</sup> Opcional

<sup>(3)</sup> Com Ar

<sup>(4)</sup> Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>PEUGEOT</b>											
806	2.0 Inj.Turbo	10/95->	LX572				KL2		X		
806	RFU (XU10J2)	06/94->					OC100 OC505 PLUS	KL2	X		
807 Aut.	2.0 16V (EW10J4)	->04							LA105 7		
Boxer	2.5 - T9A (DJ5)	08/91-> >00	LX478/1								
Boxer	2.5 D/TD	97->	LX611		OC248		KC18		LA123		
Boxer	2.8 JTD	01/05->					KX208D		LA123		
Boxer	3.0 HDi FAP Diesel	04/06->			OC613						
Boxer I	1.9D - D8C (XUDSAU)	03/94-> >03/02	LX478/1				OC100 OC505 PLUS	KX23	LA123		
Boxer I	2.5 TD - T8A (DJ5T)	07/97-> >12/00	LX611					KX23	LA123		
Boxer I	2.5 TDI - THX (DJ5TED)	01/97-> >12/00	LX611					KC18	LA123		
Boxer I	2.8 HDI	09/00-> >03/02	LX611		OC248				LA123		
Boxer I	2.5 TDI	97->	LX611		OC248		KC18		LA123		
Boxer II	2.8 HDI	02/02->	LX611		OC248		KC18		LA123		
Boxer (MINIBUS/FURGÃO/LH EXECUTIVE) Mecânico	2.3 TURBO DIESEL	2009->			OC1222						
Hoggar (Escapade)	1.6L 16V Flex	04/10->	LX1745				OX339/2D ECO	KL583 (Plus)	LA57		
Hoggar (X-Line / XR)	1.4L 8V Flex	04/10->	LX3354				OX339/2D ECO	KL583 (Plus)	LA57		
Partner	1.1i HDZ (TU1M)	07/00->					OX193D		LA8		
Partner	1.4i KFX (TU3JP)	07/00->					OX193D		LA8		
Partner	1.6 16V NFU TU5JP4	10/00-> >10/02	LX795				OX339/2D ECO	KL583 (Plus)	LA8		
Partner	1.6i NFU (TU5JP4)	07/01->					OX193D		LA8		
Partner	1.1i HDZ (TU1M)	07/00->					OX193D		LA8		
Partner	1.4i KFX (TU3JP)	07/00->					OX193D		LA8		
Partner	1.6i NFU (TU5JP4)	07/01->					OX193D		LA8		
Partner Furgão	1.6 16V	2005->	LX795				OX339/2D ECO	KL583 (Plus)	LA8		
Partner Furgão		2010->							LA184		
Partner (Ranch)	1.6 16V	01/03->	LX795				OX339/2D ECO	KL583 (Plus)	LA8		
Partner (Ranch)	1.8 LFZ (XU7JP)	05/97-> >12/02	LX488				OC100 OC505 PLUS		LA8 <sup>(3)</sup>		
Partner (Ranch)	1.8D - A9A (XUD7)	06/96-> >12/02					OC100 OC505 PLUS		LA8 <sup>(3)</sup>		
Presence		01/04->					OX339/2D ECO				
RCZ	1.6 16V THP	2011->					OX339/2D ECO		LA138		
<b>PH VILLARES</b>											
20VG, 20VS	Detroit Diesel 4-53		LX227	LXS42/1					X		
20VG, 20VS	Perkins 6358		LX265	LXS37/1	OC308		KX23		X		
315, 320	Perkins 6340						KX23		X		
325TC	Perkins 6357				OX200D		KX23		X		
40VG	Detroit Diesel 6-53			LXS43/1					X		
425TC	Perkins 6357						KX23		X		
425TC	Scania D11			LXS43/1	OC18		KX44		X		





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>PH VILLARES</b>											
435TC	Perkins 6357				<b>OX200D</b>		<b>KX23</b>		X		
535TC Guindaste	Scania D11		<b>LXS43/1</b>		<b>OC18</b>		<b>KX44</b>		X		
535TC, 540TC Guindaste	MB OM326						<b>KX44</b>		X		
<b>POCLAIN</b>											
600CK	Deutz AF6L-413				<b>OC60</b>		<b>KC113</b>		X		
CS45, TY45, TY2P	Deutz F4L-912				<b>OC26</b>		<b>KC113</b>		X		
FC30, FY30	Deutz F3L-912				<b>OC26</b>		<b>KC113</b>		X		
GC120, GY120	Deutz F6L-514				<b>OC60</b>		<b>KC113</b>		X		
HC300	Deutz F12L-413				<b>OC60</b>		<b>KC113</b>		X		
LC80	MWM D229-6				<b>OC60</b>		<b>KX43 KX35</b>		X		
LC80, 80CM, LY80	Deutz F6L-912				<b>OC60</b>		<b>KC113</b>		X		
PCS45	MWM D225-4				<b>OC26</b>		<b>KX43 KX35</b>		X		
SC150, 150K	Scania D11		<b>LXS43/1</b>				<b>KC113</b>		X		
TCS45	Deutz F4L-912				<b>OC26</b>				X		
TY30, TC45	Deutz F4L-712						<b>KX44</b>		X		
<b>PORSCHE</b>											
Cayenne	3.2L 24V	03->07								<b>LA907</b>	
Cayenne	3.6L V6	01->07								<b>LA907</b>	
Cayenne	4.5L	02->07								<b>LA907</b>	
Cayenne	4.8L	07->								<b>LA907</b>	
<b>PUMA</b>											
10T	Perkins		<b>LX275</b>	<b>LXS5/1</b>	<b>OC308</b>		<b>KX23</b>		X		
7900CB	MWM 4.10	96->			<b>OC60</b>		<b>KC18</b>	<b>KC18</b>	X		
9000	MWM TD 229 E24 Turbo Power		<b>LX265</b>	<b>LXS37/1</b>	<b>OC60</b>		<b>KX43 KX35</b>		X		
MP Lafer	VW 1.6	74->					<b>KL222</b>		X		
MP Lafer	VW 1.6	74->					<b>KL222 KL63</b>		X		
Puma 2T 2000	GM 151 - 4 Cilindros Álcool	01/83->01/85	<b>LX902/1</b>		<b>OC301</b>		<b>KL63 KL222<sup>(2)</sup></b>		X		
Puma 4T - 4000	Detroit 4-53N				<b>OX5D</b>				X		
Puma 4T - 4000 - 4T - 6000 (2T)	GM 151	83->85			<b>OC60</b>		<b>KC18</b>	<b>KC18</b>	X		
Puma 4T - 4000 - 4T - 6000 (2T)	Perkins 4236	81->85	<b>LX275</b>	<b>LXS5/1</b>	<b>OC324</b>		<b>KX23</b>	<b>KX23</b>	X		
Puma 4T - 4000 - 4T - 6T	GM 151 Alcool	83->85	<b>LX275</b>	<b>LXS5/1</b>			<b>KL222 KL63</b>		X		
Puma 4T - 4000 - 6000 (2T)	MWM D229/4	81->85	<b>LX275</b>	<b>LXS5/1</b>	<b>OC26</b>		<b>KX43 KX35</b>		X		
Puma Carb. dupla 50mm	VW 1600	78->85	<b>LX904/1</b>				<b>KL63 KL222</b>		X		
Puma Carb. dupla 65mm	VW 1600	->85					<b>KL63 KL222<sup>(2)</sup></b>		X		
Puma Carb. simples	VW 1300	77->85	<b>LX903/1</b>				<b>KL63 KL222</b>		X		
Puma GTB-S3, GTB-S4	GM 250-S 4100 6 Cil.	90->	<b>LX208/1</b>		<b>OC114</b>		<b>KL63 KL222<sup>(2)</sup></b>		X		





(1) Tipo Exportação

(2) Opcional

(3) Com Ar

(4) Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR									HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
		1°	2°	1°	2°	1°	2°					
<b>PUTSMEISTER</b>												
BA1403	MWM D229.4			LX236	LXS41/1	OC26		KX43 KX35		X		
BA1405	MWM D229.6					OC60		KX43 KX35		X		
BRA1406	MWM D229.6			LX903/1		OC60		KX43 KX35		X		
BSA1003	MWM D229.4			LX236		OC26		KX43 KX35		X		
M500 DAC	Mercedes Benz OM314			LX200 LX200/1				KX43 KX35		X		
<b>RANDON</b>												
RK424	Scania DS11			LX241		OC18				X		
RK425 (Fora de Estrada)	Scania							KX89/2D		X		
RK430 / RK 425B	Scania		01/96->					KX89/2D		X		
RK435	Scania DS14					OC18		KC113		X		
RK628	Scania DS14							KC113		X		
RK628-B (Articulado)	Cummins 8.3 C					OC304		KX89/2D KC6D		X		
<b>RENAULT</b>												
Caminhões (220.08 Dxi / 220.10 Dxi / 220.12 Dxi / 220.13 Dxi / 220.14 Dxi) Midlum II			05/06->			OX1026D						
Clio	1.0 16V Flex		2013->			OC475		KL583 (Plus)		LA87		
Clio	1.0 16V Flex (D4D)		12/05-> >06	LX788		OC205		KL583 (Plus)		LA87		
Clio	1.0 16V Flex (D4D)		01/06->	LX1563		OC475		KL583 (Plus)		LA609		
Clio	1.0 16V Gas.		01/00->	LX1711		OC475				LA87		
Clio	1.0 16V Gas. / HI-Flex		07->	LX788		OX209D		KL583 (Plus)		LA609		
Clio	1.0 8V - D7D		01/01-> >12/03	LX646 LX646/1		OX209D		KL583 (Plus)		LA87		
Clio	1.0 8V - D7D		01/04->			OX209D		KL583 (Plus)		LA87		
Clio	1.0/1.6 - 16V		00->	LX773		OC309 OC505 PLUS		KL583 (Plus) KL72 <sup>(1)</sup>		LA87		
Clio	1.2 D4F		2005->	LX1563						LA87		
Clio	1.6 16V K4M		09/98->	LX773						LA87		
Clio	1.6 16V (K4M) Flex		01/03->	LX773		OC309 OC505 PLUS		KL583 (Plus)		LA87		
Clio	1.6 8V (Imp.)		01/99->	LX330		OC309 OC505 PLUS		KL583 (Plus)		LA87		
Clio	1.6 (C3C) Argentino		01/95-> >12/99			OC309 OC505 PLUS		KL583 (Plus)		LA87		
Clio I - Europeu	1.4 (B/C57,B/C57T)		01/91-> >08/95			OC309 OC505 PLUS		KL2		LA87		
Clio I - Europeu	1.4 (B/C57,B/C57T)		09/95-> >08/98			OC309 OC505 PLUS		KL63		X		
Clio II	1.0 8V - D7D		97->	LX646 LX646/1		OC475		KL583 (Plus)		LA87		
Clio II	1.6 16V K4M748		09/98-> >09/05	LX773		OC309 OC505 PLUS		KL583 (Plus) KL72 <sup>(2)</sup>		LA87		
Clio RT/RL	1.6i		96->	LX646 LX646/1		OC309 OC505 PLUS		KL63 KL222		X		
Clio (Argentino)	1.4		94->98			OC704				X		
Clio (Argentino)	1.6i		03/94->			OC704		KL2		X		
Clio (BR)	1.0 16V		01/00->	LX788		OC475		KL583 (Plus)		LA87		





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°					
<b>RENAULT</b>											
Clio (BR)	1.0 16V Flex	01/06->	LX1563		OC475		KL583 (Plus)		LA87		
Clio (BR)	1.0 8V	01/98->	LX646 LX646/1		OC475		KL583 (Plus)		LA87		
Duster	1.6L 16V Hi-Flex	10/11->	LX773		OC309 OC505 PLUS		KL583 (Plus)		LA103 2		
Duster	2.0L 16V Hi-Flex	10/11->	LX957/3		OC309 OC505 PLUS		KL583 (Plus)		LA103 2		
Espace	2.2 Turbo Diesel	97->			OC309 OC505 PLUS				X		
Espace GTS, TSE, GTX, RM, RT, RXE, TSE	2.0/ 2.2		LX290				KL2		X		
Espace GTS/TSE/GTX/TXE	2.0 Inj.	3/88- >6/91	LX290				KL2		X		
Espace GTS/TSE/TXE	2.0	07/85- >07/91	LX290				KL63 KL222 <sup>(2)</sup>		X		
Espace RN/RT/RXE	2.0 Inj.	4/91->	LX290				KL2		X		
Espace RN/RT/RXE	2.2 V6 Inj.	9/94->	LX290				KL2		X		
Espace RT/RXE	2.9	6/91->					KL2		X		
Espace TXE	inj.	3/89- >1/91	LX290				KL2		X		
Express		96->			OC309 OC505 PLUS		KL2		X		
Express Furgão Mecânico	1.2i	91->	LX3723								
Fluence	2.0L 16v CVT	10->			OC195		KL583 (Plus)		LA820		
Fuego	1.6 Turbo Inj.	->6/84	LX290				KL2		X		
Fuego	1.6 Turbo Inj.	6/84->	LX290		OC318		KL2		X		
Fuego	2.1 Turbo Diesel						KX23		X		
Fuego GTL	1.7	07/84- >07/86			OC318		KL63 KL222 <sup>(2)</sup>		X		
Fuego GTL	1.7	09/80- >06/84			OC534		KL63 KL222 <sup>(2)</sup>		X		
Fuego GTL/TL	1.4	03/80- >04/84			OC534		KL63 KL222 <sup>(2)</sup>		X		
Fuego GTX/TX	2.0	10/80- >04/84	LX290				KL63 KL222 <sup>(2)</sup>		X		
GTA	2.8 Inj. / 2.5 Inj. V6 Turbo	7/86- >1/90					KL2		X		
Kangoo	1.0 16V D4D	00->	LX646 LX646/1		OC475		KL583 (Plus) KL72		LA87		
Kangoo	1.6 16V K4M	01->	LX773		OC309 OC505 PLUS		KL583 (Plus) KL72 <sup>(1)</sup>		LA609		
Kangoo	1.6 8V Gas / Hi-Flex	07->			OC309 OC505 PLUS		KL583 (Plus)		LA609		
Kangoo	1.6 8V K7M	99->00	LX646 LX646/1		OC309 OC505 PLUS		KL583 (Plus) KL72		LA609		
Kangoo Express, Rapid	1.4 - E7J634/635	11/97- >00	LX488		OC309 OC505 PLUS		KL583 (Plus) KL72 <sup>(1)</sup>		LA87		
Kangoo Mecânico	1.2	91->	LX3723								
Kangoo / Kangoo Express, Rapid	1.0L 8V - D7D	97->	LX646 LX646/1		OC475		KL583 (Plus) KL72		LA87		
Laguna	1.8 inj.	04/94- >02/96			OC318		KL583 (Plus) KL72 <sup>(1)</sup>		LA23		
Laguna	2.0 16v	96->					KL583 (Plus) KL72 <sup>(1)</sup>		LA23		
Laguna	2.0 8V	93->96	LX330		OC309 OC505 PLUS				LA23		
Laguna	2.0 / 2.0 RT, RXE	96->			OC309 OC505 PLUS				LA23		





<sup>(1)</sup> Tipo Exportação

<sup>(2)</sup> Opcional

<sup>(3)</sup> Com Ar

<sup>(4)</sup> Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>RENAULT</b>											
Laguna	2.0i	95->			OC309 OC505 PLUS				LA23		
Laguna	3.0i	12/93->							LA23		
Laguna	3.0 V6 24V	94->							LA23		
Laguna II	1.6 16V/ 1.8 16V	2001->	LX773		OC309 OC505 PLUS						
Laguna II	2.0 16V IDE (IDE-F5R)	99->	LX773						LA23		
Laguna New		96->					KL583 (Plus)		LA23		
Logan	1.0 16V Hi-flex	06/07->	LX1563		OC475		KL583 (Plus)				
Logan	1.6 16V Hi-flex	06/07->	LX773		OC309 OC505 PLUS		KL583 (Plus)				
Logan	1.6 8V Hi-Torque	06/07->	LX2830		OC309 OC505 PLUS		KL583 (Plus)				
Logan / Sandero	1.0L / 1.6L	2010->							LA665		
Master	2.5 16V DCI TURBO DIESEL	2005->					KX218D	X	OX210D		
Master	2.5L 16V DCi Diesel	2010->	LX1656								
Master	2.8 Diesel	02->05			OC248		KX206D	X			
Master II	2.5L 16V DCi (Turbo Diesel)	01/05->	LX876		OX210D		KX218D	X			
Master II	2.8 DTI Turbo Aspirado	01/02-> >12/04	LX876		OC248		KC121/1 KC121	X			
Megane	1.6 16V K4M / 2.0 16V Hi-Flex	06->	LX773		OC309 OC505 PLUS		KL583 (Plus)		LA606		
Megane	1.6i 16V	99->	LX773		OC309 OC505 PLUS		KL583 (Plus) KL72 <sup>(1)</sup>		LA609		
Megane	1.6/1.6i	96->98	LX290		OC309 OC505 PLUS		KL583 (Plus) KL72 <sup>(1)</sup>		LA33		
Megane	2.0 8V	96->			OC309 OC505 PLUS		KL583 (Plus) KL72 <sup>(1)</sup>		LA33		
Megane	2.0i	96->98	LX330		OC309 OC505 PLUS		KL583 (Plus) KL72 <sup>(1)</sup>		LA33		
Megane	2.0L 16V Gasolina	01/05->	LX957/3		OC309 OC505 PLUS		KL583 (Plus)		LA606		
Megane		11/95-> >98							LA33		
Megane Scenic I	1.6	97->	LX290		OC309 OC505 PLUS		KL583 (Plus) KL72 <sup>(1)</sup>		LA33		
Megane Scenic I	2.0	97->	LX330		OC309 OC505 PLUS		KL583 (Plus) KL72 <sup>(1)</sup>		LA33		
Megane Scenic II	1.6 16V	99->	LX773		OC309 OC505 PLUS		KL583 (Plus) KL72 <sup>(1)</sup>		LA609		
Megane Scenic II / Scenic RX4	1.6 16V K4M / 2.0 16V F4R-740	09/99->	LX773		OC309 OC505 PLUS		KL583 (Plus)		LA609		
R11	1.7inj.	85->			OC318		KL2	X			
R11	1.4 Turbo	7/84->					KL2	X			
R11 GTL/GTS/TL/TSE Aut.Elet.	1.4	07/84-> >06/89			OC318		KL63 KL222 <sup>(2)</sup>	X			
R11 GTL/GTS/TL/TSE Aut.Elet.	1.4	06/83-> >06/84			OC534		KL63 KL222 <sup>(2)</sup>	X			
R11 GTX/TXE Elet.	1.7	9/83-> >6/89					KL2	X			
R11 TC/GTC/Spring		10/85->			OC318		KL63 KL222 <sup>(2)</sup>	X			
R11 TC/GTC/TCE	1.1	07/84-> >01/89			OC318		KL63 KL222 <sup>(2)</sup>	X			
R11 TD/GTD/TDE	1.6 Diesel	4/84-> >1/89					KX23	X			

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR							HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°				
<b>RENAULT</b>										
R14 LLT/TS/GTL	1.2/1.4	76->83			OC534		KL63 KL222 <sup>(2)</sup>	X		
R18	1.6 Turbo	80->	LX290				KL2	X		
R18 GTD/TD		7/84->					KX23	X		
R18 GTX	2.0		LX290					X		
R19	1.6	93->	LX290		OC309 OC505 PLUS		KL2	X		
R19	1.7	9/91- >4/92	LX330					X		
R19	1.8 16V	92->	LX330				KL2	X		
R19	1.8/1.8RT	97->			OC309 OC505 PLUS		KL2	X		
R19-RN	1.6i	92->	LX290				KL63 KL222 <sup>(2)</sup>	X		
R19-RT	1.8i	92->					KL2	X		
R19 1.6 RN		94->98			OC704		KL583 (Plus)	X		
R19 Cabriolet	1.8 16V	9/91- >1/95	LX330				KL2	X		
R19 DX	1.9 Turbo Diesel	10/91- >05/92	LX330		OC309 OC505 PLUS		KX23	X		
R19 GTD/TD/TDE	1.8 Diesel	2/89- >10/95	LX330				KX23	X		
R19 GTR/TR/TRE	1.4	02/89- >10/90			OC318		KL63 KL222 <sup>(2)</sup>	X		
R19 GTS/TSE	1.7	6/89->			OC318		KL2	X		
R19 GTS/TS/TSE	1.4	02/89- >06/92	LX290		OC318		KL63 KL222 <sup>(2)</sup>	X		
R19 GTS/TS/TSE	1.7 Inj.	89->					KL2	X		
R19 GTX/TXE	1.7 Carb.	89- >01/91	LX330				KL63 KL222 <sup>(2)</sup>	X		
R19 GTX/TXE	1.7 Inj.	2/92- >5/92			OC318		KL2	X		
R19 RL/RN/RT	1.2	05/92->			OC318		KL63 KL222 <sup>(2)</sup>	X		
R19 RL/RN/RT	1.7	5/92->			OC318		KL2	X		
R19 RN/RT	1.4	02/91- >06/96	LX290		OC318		KL63 KL222 <sup>(2)</sup>	X		
R19 RN/RT	1.4 Inj.	5/92->			OC318		KL2	X		
R19 RN/RT/S	1.8	5/92- >10/95			OC318		KL2	X		
R19 RSI/SPI	1.8	11/94->	LX330				KL2	X		
R20	Turbo Diesel	9/82- >84					KX23	X		
R21	2.0 12V Inj.	9/89- >3/92	LX290				KL2	X		
R21	2.0 Turbo inj.	5/88- >10/92					KL2	X		
R21-RX, TXE	2.0		LX290				KL2	X		
R21	Injeção	92->	LX290				KL2	X		
R21 4WD	2.0 Turbo Inj.	7/90- >10/92					KL2	X		
R21 Carb.		92->	LX290				KL63 KL222 <sup>(2)</sup>	X		
R21 Nevada	1.7		LX330					X		
R21 RS/GTS/TS/TSE	1.7	06/86- >12/88					KL63 KL222 <sup>(2)</sup>	X		
R21 RS/GTS/TS/TSE	1.7	01/88- >07/93	LX330				KL63 KL222 <sup>(2)</sup>	X		
R21 RX/TXE	2.0	10/86- >10/95	LX290				KL2	X		
R21 SD/GSD/TD/GTD	1.9	9/89- >10/95	LX330					X		
R21 SD/GSD/TD/GTD	2.1 Diesel	6/86- >8/89	LX330					X		





(1) Tipo Exportação

(2) Opcional

(3) Com Ar

(4) Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>RENAULT</b>											
R21 TL/GTL	1.4	86->					KL63 KL222 <sup>(2)</sup>		X		
R21 TL/GTL	1.7Inj.	9/93->					KL2		X		
R21 TS/GTL	1.7	6/92-> 10/95					KL2		X		
R21 TS/GTL/TSE Autom.	1.7	06/86-> 10/90	LX330				KL63 KL222 <sup>(2)</sup>		X		
R25	2.5 Turbo	86-> 5/90					KL2		X		
R25	2.7 V6 Inj.	->8/84					KL2		X		
R25	2.9 V6 Inj.	86-> 3/92					KL2		X		
R25-TI, TS, GTS	2.0		LX290				KL2		X		
R25 DX	2.1 Turbo Diesel	84->					KX23		X		
R25 D/TD/GTD	2.1	84->					KX23		X		
R25 TI/TXI autom.		10/88->	LX290				KL2		X		
R25 TS/GTS Autom.	2.0	07/84-> 01/90	LX290				KL63 KL222 <sup>(2)</sup>		X		
R30	Turbo Diesel	7/81->					KX23		X		
R4 L/TL Safari Rodeo		9/65-> 3/82				OC534	KL63		X		
R9 GTE		89->					KL2		X		
R9 GTX/TXE Eletrônico		03/84-> 01/89					KL63 KL222 <sup>(2)</sup>		X		
R9 TD/GTD/TDE Diesel		12/82->					KX23		X		
Rapid Mecânico	1.2i (C3G702)	->91	LX3723								
Safrane	2.5 Turbo Diesel	9/95-> 10/96				OC248					
Safrane RN/RT	2.1 Turbo Diesel	93->				OC309 OC505 PLUS					
Safrane RN/RT/RX	2.0 Inj.	3/94-> 10/96					KL2				
Safrane RN/RT/RXE 4X4	3.0 V6 Inj.	11/92-> 10/96					KL2				
Safrane RN/RT/RX/Si	2.2 Inj.	3/94-> 10/96					KL2				
Sandero	1.0 16V Hi-flex	11/07->	LX1563			OC475	KL583 (Plus)				
Sandero	1.6 16V Hi-flex	07->09	LX773			OC309 OC505 PLUS	KL583 (Plus)				
Sandero	1.6 8V Hi flex Hi-Torque	07->	LX2830			OC309 OC505 PLUS	KL583 (Plus)				
Scenic	1.6 16V (K4M)	01/99->	LX773			OC309 OC505 PLUS	KL583 (Plus)		LA40 -> 97 LA60 98-02		
Scenic	2.0	->97							LA40 -> 97 LA60 98-02		
Scenic	2.0	99->				OC309 OC505 PLUS	KL583 (Plus) KL72 <sup>(1)</sup>		LA40 -> 97 LA60 98-02		
Scenic	2.0	96->00	LX330			OC309 OC505 PLUS	KL583 (Plus) KL72 <sup>(1)</sup>		LA40 -> 97 LA60 98-02		
Scenic	2.0	2001->				OC309 OC505 PLUS	KL583 (Plus) KL72 <sup>(1)</sup>		LA40 -> 97 LA60 98-02		
Scenic	2.0 16V Hi-flex	06->	LX773			OC309 OC505 PLUS	KL583 (Plus)				
Scenic	2.0 16V (FR4)	01->06	LX773			OC309 OC505 PLUS	KL583 (Plus)				





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>RENAULT</b>											
Scenic	2.0 8V Gas.	06->			OC309 OC505 PLUS		KL583 (Plus)				
Scenic II	2.0 16V	02->			OC309 OC505 PLUS		KL583 (Plus) KL72 <sup>(1)</sup>		LA40 - >97 LA60 98-02		
Scenic / Grand Scenic	2.0L 16V Gasolina	01/08->	LX957/3		OC309 OC505 PLUS		KL583 (Plus)				
Trafic	2.0 Gasolina	92->	LX290				KL63 KL222 <sup>(2)</sup>		X		
Trafic Chassi Curto/ Longo	2.2	97->	LX290				KL222 KL63		X		
Trafic (Furgão)	2.0	01/00- >12/02	LX147		OC704		KL2		X		
Twingo	1.0 16V	01/00->			OC475		KL63 KL222 <sup>(2)</sup>				
Twingo	1.0 16V - D4D	01/99->			OX209D		KL63 KL222 <sup>(2)</sup>				
Twingo	1.2 8V (C3G)	->97	LX3723		OC309 OC505 PLUS						
Twingo	1.2 8V (D7F)	98->					KL583 (Plus) KL72 <sup>(1)</sup>				
Twingo	1.2i	96->			OC309 OC505 PLUS		KL63 KL222 <sup>(2)</sup>				
Twingo	1.3	03/93->	LX3723		OC704		KL583 (Plus)				
Twingo	D7F	98->					KL583 (Plus) KL72 <sup>(1)</sup>				
Twingo Mecânico	1.3	94->00	LX3723								
Twingo Mpi Base	1.2L 8v	01/93- >12/03	LX646 LX646/1		OC195						
Twingo (Easy) Mecânico	1.2 (C3G702)	94->00	LX3723								
Twingo (Initiale/Pack) Mecânico	1.0 8V	98->01	LX3723								
<b>SA</b>											
11	Perkins 4203				OX18D		KX23 KX23		X		
<b>SANTA MATILDE</b>											
MM400, 500CR	Perkins 4248		LX275	LXS5/1	OC324		KX23		X		
Padron 16180	GM 292 Gás Metano	01/84->	LX265	LXS37/1	OC114				X		
SM 4.1	GM 250 6 Cil.	77->	LX902/1		OC114		KL63 KL222 <sup>(2)</sup>		X		
SM1200, SM5105	MB OM352	81->	LX265	LXS37/1			KX43 KX35		X		
SM1200, SM5105	MWM D225/6, D229/6	78->	LX275	LXS5/1	OC60				X		
SM3000C, 300, 400, 500 (CR)	Perkins 3152, 4203	79->	LX275	LXS5/1	OC38		KX23 KX23		X		
SM3000C, 300, 400, 500 (CR)	Perkins 4236, 4248	79->	LX200 LX200/1	LXS40/1	OC324		KX23 KX23		X		
SM300C, CR	Perkins 4236	79->	LX200 LX200/1	LXS40/1	OC324		KX23		X		
SM400, 500CR	Perkins 4203	79->	LX275	LXS5/1	OC38		KX23		X		
SM5105	OM352	01/82- >13/83	LX265						X		
SM5105	OM352	01/78->	LX265						X		

<sup>(1)</sup> Tipo Exportação

<sup>(2)</sup> Opcional

<sup>(3)</sup> Com Ar

<sup>(4)</sup> Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR									HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER	
			1°	2°	1°	2°	1°	2°	1°	2°			
<b>SANTAL</b>													
115, 116	MWM D225/6 - D229/6	79->	LX265	LXS37/1	OC60		KX44		X		HX51D		
115, 116	Perkins 4236	->78	LX275	LXS5/1					X		HX54		
115, 116 - CMP/8	MB OM355/5	83->	LX241	LXS43/1	OX75D		KX44		X				
Colheitadeira Tandem	Scania DS11	99->	LX760	LXS299	OC18		KX89/2D KC94		X		HC4	HX15	
P15, 116	Scania DS11		LX273	LXS44/1	OC18				X				
<b>SCANIA</b>													
112, 142 R, T - (HW, EW)	DN/DS/DSC11/14				OC18				X				
112,142 R/T - HW/EW - 360cv	DSC11	86->	LX450	LXS44/1	OC18		KC24 KX89/2D (2)		X			HX15 WFC3- REFRIG.	
112,142 R/T - HW/EW - 410cv	DSC14	86->	LX450	LXS44/1	OC18		KC24 KX89/2D (2)		X			HX15 WFC3- REFRIG.	
113 R/T (H/HK) - 143H	DS11,DSC11, DSC14	86->	LX450	LXS44/1	OC18		KC24 KX89/2D (2)		X		HC96	HX15 WFC3- REFRIG.	
114 P/R/T	DCS11-75/ 9-12/ 12-02T	01/98->		LXS262							LA432 LA650	HC96	
114 P/R/T (Canavieiro)	DC11 / DSC11-07 (330cv)	01/97->		LXS288	OC403 OC18		KC94 KC123/1				LA432 LA650	HC96	HX15-DIR. AL14- DESUM. WFC4- REFRIG.
114C		98->			OC18				X				
114C SERIE 4 - Classe D	DSC11 (original 1421022)	->06/98	LX714		OC121		KC94		X			HX15	
124 P/R/T	DSC12-01,02,09 (360/400cv)	01/98- >09/06	LX1069	LXS262	OC403		KC94 KC441 KC123/1				LA432 LA650	HC96	HX15-DIR. WFC4- REFRIG. AL14- DESUM.
124 P/R/T	DSC12-01,02,09 (360/400cv)	10/06->	LX1069		OC403		KC94 KC441 KC123/1				LA432 LA702	HC96	HX15-DIR. WFC4- REFRIG. AL14- DESUM.
124 P/R/T	DT12.08 - DT12.02	01/01->					KX182D		X				
124 P/R/T - Turbo e Intercooler	DSC11 75/ DSC9 12/ DSC12 02 (orig.1423414)	01/98->	LX1069	LXS262	OC403		KC94				LA432 LA650	HC96	HX15 WFC4- REFRIG. AL14- DESUM.
124 P/R/T (Canavieiro)	DSC12-02 (420cv)	03/99- >09/06		LXS288	OC403		KC441 KC123/1				LA432 LA650	HC96	HX15-DIR. AL14- DESUM. WFC4- REFRIG.
124 P/R/T (Canavieiro)	DSC12-02 (420cv)	10/06->		LXS288	OC403		KC441 KC123/1				LA432 LA702	HC96	HX15-DIR. AL14- DESUM. WFC4- REFRIG.
124 P/R/T, P94, R/T144, R164, P/ R/T500, P/R560, P/R/T580, P/ R620, R730 (Aplicado aos cami- nhões que utilizam a caixa do filtro do ar Scania 1870000).			LX3581						X				
140 LK-LKS-C / 141 LK-LKS-LKT	DS14	77->	LX273	LXS44/1	OC18		KC113 KX89/2D		X				
142 R/T - E/H/EW/HW/HS - 310cv	DS14/DSC14		LX273	LXS44/1	OC18		KC113 KX89/2D (2)		X			HX15	
142 R/T - E/H/HW/EW/HS - 310cv	DS11	86->	LX450	LXS44/1	OC18		KC24 KX89/2D (2)		X			HX15 WFC3- REFRIG.	
164 R	DC16-02	01/02->	LX1069	LXS262			KX182- 1D KC123/1				LA432 LA650	HC96	HX15-DIR. WFC4- REFRIG. AL14- DESUM.
1671502 (POWER PACK MOTO- RES ESTACIONÁRIOS)							KX88/1D		X				
310, 360, 410	DS11, DSC11, DSC14	86	LX450	LXS44/1	OC18		KC113		X				





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR							HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°		1°	2°			
94 P/R/T (CB/DB) (Canavieiro)	DSC9-12 (220/260cv)	01/97->		<b>LXS288</b>	<b>OC403</b>	<b>KC94 KC123/1</b>	<b>LA432 LA650</b>	<b>HC96</b>	<b>HX15-DIR. AL14- DESUM. WFC4- REFRIG.</b>	
94, 124 Série 4 - Classe D	DS9-DS11-DS12	98->	<b>LX1069</b>	<b>LXS262</b>	<b>OC121</b>	<b>KC94</b>	<b>LA432 LA650</b>			
94, 124 Série 4 - Classe D	DSC9/ DSC12 (original 1421021)	->06/98	<b>LX712</b>		<b>OC121</b>	<b>KC94</b>	<b>LA432 LA650</b>		<b>HX15</b>	
BR115, B111, BR116, F112 HLDOUBGDECKEN	DS11 / DN11	75->		<b>LXS43/1</b>	<b>OC18</b>	<b>KC113</b>	<b>  X  </b>			
G 330	D12-17	11/06->	<b>LX1313/1 LX1069</b>	<b>LXS313</b>						
G 380	D12-17	11/06->	<b>LX1313/1 LX1069</b>		<b>OC403</b>	<b>KC441 KC123/1</b>	<b>LA702</b>	<b>HC96</b>	<b>HX15-DIR. WFC4- REFRIG. AL14- DESUM.</b>	
G 380	DC12-17 Euro 3	01/08->	<b>LX1313/1 LX1069</b>		<b>OC403</b>	<b>KX182- 1D KC123/1</b>	<b>LA702</b>	<b>HC96</b>	<b>HX15-DIR. WFC4- REFRIG. AL14- DESUM.</b>	
G 420	D12-06	11/06->	<b>LX1313/1 LX1069</b>	<b>LXS313</b>	<b>OC403</b>	<b>KC441 KC123/1</b>	<b>LA702</b>	<b>HC96</b>	<b>HX15-DIR. WFC4- REFRIG. AL14- DESUM.</b>	
G 420	DC12-06 Euro 3	01/08->	<b>LX1313/1 LX1069</b>		<b>OC403</b>	<b>KX182- 1D KC123/1</b>	<b>LA702</b>	<b>HC96</b>	<b>HX15-DIR. WFC4- REFRIG. AL14- DESUM.</b>	
G 440	DT12-18 Euro 3	11/06->	<b>LX1313/1 LX1069</b>	<b>LXS313</b>	<b>OC403</b>	<b>KX182- 1D KX182D KC123/1</b>	<b>LA702</b>	<b>HC96</b>	<b>HX15-DIR. WFC4- REFRIG. AL14- DESUM.</b>	
G 470	DT12-06	11/06->	<b>LX1313/1 LX1069</b>	<b>LXS313</b>	<b>OC403</b>	<b>KX182- 1D KX182D KC123/1</b>	<b>LA702</b>	<b>HC96</b>	<b>HX15-DIR. WFC4- REFRIG. AL14- DESUM.</b>	
G 470A 4x2/6x2/6x4/8x4 - G 420B 6x4		11->					<b>LA702</b>			
G 470A 4x2/6x2/6x4/8x4 - G 420B 6x4		11->					<b>LA702</b>			
G 480A 6x2		11->					<b>LA702</b>			
Grupo Gerador DS11AO1, DS14AO1		81->			<b>OC18</b>		<b>  X  </b>			
Grupo Gerador DS11AO6		77->			<b>OC18</b>		<b>  X  </b>			
H-T 142-H-T 142 HS	DS14, DSC14	80->89	<b>LX275</b>	<b>LXS5/1</b>	<b>OC26</b>	<b>KX43 KX35</b>	<b>  X  </b>			
LK 141	DC12	03->05	<b>LX1069</b>	<b>LXS262</b>	<b>OC403</b>	<b>KC94 KC123/1</b>	<b>LA432</b>	<b>HC96</b>	<b>HX15-DIR. WFC1- REFRIG.</b>	
LS 110	DC12	05->05	<b>LX1069</b>	<b>LXS262</b>	<b>OC403</b>	<b>KC94 KC124 KC124/1</b>	<b>LA432</b>	<b>HC96</b>	<b>HX15-DIR. WFC1- REFRIG.</b>	
LS 76	DC12	01->05	<b>LX1069</b>	<b>LXS262</b>	<b>OC403</b>	<b>KC94 KC124 KC124/1</b>	<b>LA432</b>	<b>HC96</b>	<b>HX15-DIR. WFC1- REFRIG.</b>	
Motores DS11-DS14 Veiculares		77->			<b>OC18</b>		<b>  X  </b>			
Motores DS11MO1-DS14MO1 Marítimos		77->	<b>LX271/2</b>		<b>OC18</b>		<b>  X  </b>			
Motores DS14 Veiculares		81->			<b>OC18</b>		<b>  X  </b>			
Motores DS111M-DS114M Mariti- mos					<b>OC18</b>		<b>  X  </b>			
Motores DS114A estacionarios					<b>OC18</b>		<b>  X  </b>			
P 230	DC9-13	11/06->	<b>LX1313/1</b>	<b>LXS313</b>	<b>OC403</b>	<b>KX182- 1D KX182D KC123/1</b>	<b>LA432 LA702</b>	<b>HC96</b>	<b>HX15-DIR. AL14- DESUM. WFC4- REFRIG.</b>	




(1) Tipo Exportação

(2) Opcional

(3) Com Ar

(4) Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR							HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER	
			1°	2°		1°	2°				
<b>SCANIA</b>											
P 230	DC9-19	01/04->		LXS288	OC403	KX182-1D KC123/1	LA432 LA702	HC96		HX15-DIR. AL12- DESUM. WFC4- REFRIG.	
P 270	DC9-12	11/06->	LX1313/1	LXS313	OC403	KX182-1D KC123/1	LA432 LA702	HC96		HX15-DIR. AL14- DESUM. WFC4- REFRIG.	
P 270	DC9-20	01/04->		LXS288	OC403	KX182-1D KC123/1	LA432 LA702	HC96		HX15-DIR. AL12- DESUM. WFC4- REFRIG.	
P 270A 4x2		11->					LA702				
P 310	DC9-11	11/06->	LX1313/1	LXS313	OC403	KX182-1D KC123/1	LA432 LA702	HC96		HX15-DIR. AL14- DESUM. WFC4- REFRIG.	
P 310	DC9-21	01/04->	LX1313/1	LXS312	OC403	KX182-1D KC123/1	LA432 LA702	HC96		HX15-DIR. AL14- DESUM. WFC4- REFRIG.	
P 340	DC11-03	01/04->	LX1069	LXS262	OC403	KC441 KC123/1	LA702	HC96		HX15-DIR. WFC4- REFRIG. AL14- DESUM.	
P 340	DC11-08	11/06->	LX1313/1	LXS313	OC403	KX182-1D KC123/1	LA702	HC96		HX15-DIR. WFC4- REFRIG. AL14- DESUM.	
P 420	DC12-01	01/04->	LX1069	LXS262	OC403	KC94 KC123/1	LA432 LA702	HC96		HX15-DIR. WFC4- REFRIG. AL14- DESUM.	
P 420	DC12-06 Euro 3	11/06->	LX1313/1	LXS313	OC403	KX182-1D KC123/1	LA432 LA702	HC96		HX15-DIR. WFC4- REFRIG. AL14- DESUM.	
P 93 - H/HS	DS9 Turbocooler	95->	LX450	LXS44/1	OC18	KC24 KX89/2D	LA432			WFC4- REFRIG.	
P 93H-250 Turbo/Intercooler	DSC	95->	LX450	LXS44/1	OC18	KC113	X				
P 94	DSC11 75/DSC9 12 (orig.1423414)	01/98->	LX1069	LXS262	OC403	KC94	LA432	HC96		HX15 WFC4- REFRIG. AL14- DESUM.	
R-T 112-142-200 HW-EW	DN11	86	LX450	LXS44/1	OC18	KC113	X				
R-T 112 HS Intercooler	DSC11		LX970	LXS44/1	OC18	KC113	X			HX15 WFC3- REFRIG.	
R-T 142-R-T 142HS	DS14, DSC14		LX273	LXS44/1	OC18	KC113	X			HX15 WFC3- REFRIG.	
R 112-T 112	DS11	->81	LX970	LXS44/1	OC18	KC113	X				
R 112-T112	DS11	81->			OC18		X				
R 112HS-T112HS	DSC11		LX970	LXS44/1	OC18	KC24	X			HX15	
R 380	DC11-04	01/05->	LX1313/1 LX1069	LXS262	OC403	KC94 KC123/1 KC441	LA432 LA702	HC96		HX15-DIR. WFC4- REFRIG. AL14- DESUM.	
R 380A 4x2/6x2		11->					LA702				
R 420	DC12-06	11/06->	LX1313/1 LX1069	LXS313	OC403	KC441 KC123/1	LA702	HC96		HX15-DIR. WFC4- REFRIG. AL14- DESUM.	





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR							HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°		1°	2°			
<b>SCANIA</b>										
R 420 HighLine	DC12-06	01/08->					KX182-1D KC123/1	LA702	HC96	HX15-DIR. WFC4-REFRIG. AL14-DESUM.
R 440	DT12-18	11/06->	LX1313/1 LX1069	LXS313	OC403		KX182D KC123/1 KC441	LA702	HC96	HX15-DIR. WFC4-REFRIG. AL14-DESUM.
R 440 HighLine	DT12-18	01/08->					KX182/-1D KX182D KC123/1	LA702	HC96	HX15-DIR. WFC4-REFRIG. AL14-DESUM.
R 470	DT12-06	11/06->	LX1313/1 LX1069	LXS313	OC403		KX182-1D	LA432 LA702	HC96	HX15-DIR. WFC4-REFRIG. AL14-DESUM.
R 470 HighLine	DT12-06	01/08->					KX182-1D KX182D KC123/1	LA702	HC96	HX15-DIR. WFC4-REFRIG. AL14-DESUM.
R 470A 4x2/6x2/6x4		11->						LA702		
R 480	DC16-02	01/05->	LX1313/1 LX1069	LXS262	OC403		KX182-1D KC123/1	LA432 LA702	HC96	HX15-DIR. WFC4-REFRIG. AL14-DESUM.
R 500	DC16-04	11/06->	LX1313/1 LX1069	LXS313				LA432 LA702		
R 500 (HighLine)	DC16-04	01/08->	LX3581				KX182-1D KC123/1	LA702	HC96	HX15-DIR. WFC4-REFRIG. AL14-DESUM.
R 580B 6x4		11->						LA702		
SÉRIE R (R440, R470 e R480) HIGHLINE -> Aplicado aos cami- nhões que utilizam a caixa do filtro do ar Scania 1870001		03/04->	LX3534							
T 112HK-T 113HK (6X6)	DS11	86->	LX450	LXS44/1	OC18		KC113	X		HX15 WFC3-REFRIG.
T 114 GA320/330/360	DSC12 11.7L 24V	1998->	LX1069	LXS262	OC403		KC94 KC124/1	LA432	HC96	HX15-DIR.
<b>SCANIA ÔNIBUS</b>										
B110	D11	71->76	LX241		OC18		KC113	X		
B75-B76	D11/DS11	50->70			OC18			X	HX44	
BR111-B115-BR116	DS11/DN11	75->	LX271/2		OC18		KX89/2D	X		
F112HL	DN11	75->	LX271/2	LXS43/1	OC18		KC24 KX89/2D <sup>(2)</sup>	X		HX15
F113 HL	DS 11 78	97->	LX271/2	LXS43/1	OC18		KC24 KX89/2D <sup>(2)</sup>	X		HX15 WFC3-REFRIG.
F230	DC9-13	07/09->			OC403		KX182-1D KC123/1	X		
F94	DSC9-11 / DSC9-01 / DCS9-03	01/98->	LX531	LXS287	OC403		KC94 KC123/1	LA432	HC96	HX15-DIR. WFC4-REFRIG. AL14-DESUM.
K112, S112	DSC11/DS14	85->			OC18		KX89/2D	X		
K112, S112 Intercooler	DSC11 - DS14			LXS43/1	OC18		KC113	X		HX15 WFC3-REFRIG.
K113	DSC11-21/ DSC11-23	01/97->	LX241	LXS43/1	OC18		KC24 KX89/2D	X		HX15 WFC3-REFRIG. AL12-DESUM.





(1) Tipo Exportação

(2) Opcional

(3) Com Ar

(4) Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR									HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°						
<b>SCANIA ÔNIBUS</b>												
K114	DSC11 / DSC12-01 / DSC12-02 / DC12-01	01/98->12/02	LX531	LXS287	OC403	KC94 KC123/1	LA432	HC96				HX15-DIR. WFC4-REFRIG. AL12-DESUM.
K114	DSC12-02 / DC12-05	01/03->	LX1313/1	LXS312	OC403	KC441 KC123/1	LA432	HC96				HX15-DIR. WFC4-REFRIG. AL12-DESUM.
K124	DSC12-01 / DSC12-02 / DC12-02	01/98->	LX531	LXS287	OC403	KC94 KC123/1	LA432	HC96				HX15-DIR. WFC4-REFRIG. AL12-DESUM.
K124	DSC12-05 / DC12-05	01/03->	LX1313/1	LXS312	OC403	KC441 KC123/1	LA432	HC96				HX15-DIR. WFC4-REFRIG. AL12-DESUM.
K230	DC9-19	01/05->			OC403	KX182-1D KC123/1	LA432					HX15-DIR. WFC4-REFRIG. AL14-DESUM.
K270	DC9-20	01/05->	LX1313/1	LXS312	OC403	KX182-1D KC123/1	LA432					HX15-DIR. WFC4-REFRIG. AL14-DESUM.
K310	DC9-21	01/05->	LX1313/1	LXS312	OC403	KX182-1D KC123/1	LA432					HX15-DIR. WFC4-REFRIG. AL14-DESUM.
K340	DC11-03	01/05->	LX1313/1	LXS312	OC403	KC441 KC123/1	LA432	HC96				HX15-DIR. WFC4-REFRIG. AL14-DESUM.
K360	DSC12-02	01/05->	LX1313/1	LXS312	OC403	KC94 KC123/1	LA432	HC96				HX15-DIR. WFC4-REFRIG. AL14-DESUM.
K380	DC11-04	01/05->	LX1313/1	LXS312	OC403	KC441 KC123/1	LA432	HC96				HX15-DIR. WFC4-REFRIG. AL14-DESUM.
K420	DSC12-01	01/05->	LX1313/1	LXS312	OC403	KC94 KC123/1	LA432	HC96				HX15-DIR. WFC4-REFRIG.
K94	DSC9-15	01/98->	LX531	LXS287	OC403	KC94 KC123/1	LA432	HC96				HX15-DIR. WFC4-REFRIG. AL14-DESUM.
L110	D11	71->76	LX241		OC18	KC113	X					
L111	DS11	77->		LXS43/1	OC18	KC113 KX89/2D	X					
L113	DS11/DSC11-75/DSC11-78	97->	LX271/2	LXS43/1	OC18	KC24 KX89/2D	LA432					HX15
L113 CL	DS11		LX271/2	LXS43/1	OC18	KC113	X	HC96				HX15
L75-76	D11	58->70			OC18	KX44	X					
L94	DSC9-01 / DC9-02	03/97->12/04	LX531	LXS287	OC403	KC94 KC123/1	LA432					HX15-DIR. WFC4-REFRIG. AL14-DESUM.
L94	DSC9-01 / DC9-02	01/05->	LX1313/1	LXS312	OC403	KC94 KC123/1	LA432					HX15-DIR. WFC4-REFRIG. AL14-DESUM.
R112	DS11	01/81->05/88	LX450	LXS44/1	OC18	KC24 KC6D	X	HC96				





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR									HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°						
<b>SCANIA ÔNIBUS</b>												
R,T 112 HW EW	DS11 360	01/86->	LX450	LXS44/1	OC18		KC24 KC6D		X		HX15	WFC4-REFRIG.
R,T 142 HW EW	DSC14 410	01/86->	LX450	LXS44/1	OC18		KC24 KC6D		X		HX15	WFC4-REFRIG.
T113 HK 6X6	DS11	01/86->	LX450	LXS44/1	OC18		KC24 KC6D		X		HX15	WFC4-REFRIG.
<b>SCHWING SIWA</b>												
BP250	MB OM314		LX200 LX200/1				KX43 KX35		X			
BP550	MB OM352A		LX243		OX197D		KX43 KX35		X			
<b>SEAT</b>												
Alhambra	2.0	5/96->			OC47 OC522 PLUS		KL2					
Alhambra	2.9 Turbo Diesel	5/96->			OC324		KL75					
Cordoba	1.0	97->	LX208/1		OC250 OC522 PLUS		KL237			LA13->96 LA31 97->01 LA120 02->		
Cordoba	1.4 Inj.	01/94->12/96	LX208/1		OC250 OC522 PLUS		KL60			LA13->96 LA31 97->01 LA120 02->		
Cordoba	1.6 8V	96->02			OC1241							
Cordoba	1.6 Inj.	01/94->			OC250 OC522 PLUS		KL60			LA13->96 LA31 97->01 LA120 02->		
Cordoba	1.6 / 1.8	99->			OC1241		KL583 (Plus) KL84			LA13->96 LA31 97->01 LA120 02->		
Cordoba	1.8 Inj.	01/94->03/95			OC47 OC522 PLUS		KL60			LA13->96 LA31 97->01 LA120 02->		
Cordoba	1.8 Inj. 16V.	01/94->			OC47 OC522 PLUS		KL60			LA13->96 LA31 97->01 LA120 02->		
Cordoba	1.8i/ 2.0i - GLX/ GTI	93->			OC47 OC522 PLUS		KL60			LA13->96 LA31 97->01 LA120 02->		
Cordoba	1.9 Diesel Turbo	1/94->	LX418		OC324		KL75			LA13->96 LA31 97->01 LA120 02->		
Cordoba	2.0 16V	96->02			OC1241							
Cordoba GT	2.0 Inj.	01/94->			OC47 OC522 PLUS		KL60			LA13->96 LA31 97->01 LA120 02->		





(1) Tipo Exportação

(2) Opcional

(3) Com Ar

(4) Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>SEAT</b>											
Cordoba I	1.6 i - AFT	04/96- >06/99			OC1241		KL60		LA13- >96 LA31 97->01 LA120 02->		
Cordoba I	1.6i Vario	08/96->	LX418		OC1241		KL60		LA13- >96 LA31 97->01 LA120 02->		
Cordoba I	1.8 Gti 16V - ADL	10/93- >06/99			OC1241		KL60		LA13- >96 LA31 97->01 LA120 02->		
Cordoba I	1.8i - ABS, ACC, ADZ	10/94- >06/99			OC1241		KL60		LA13- >96 LA31 97->01 LA120 02->		
Cordoba I	2.0 Gti - AGG, 2E	10/93- >06/99			OC1241		KL60		LA13- >96 LA31 97->01 LA120 02->		
Cordoba I	2.0 i 16V - ABF	08/96- >06/99			OC1241				LA13- >96 LA31 97->01 LA120 02->		
Cordoba II	1.6i - AEH	06/99- >12/02			OC1241				LA13- >96 LA31 97->01 LA120 02->		
Cordoba II	1.8T 20V - AQX	06/99- >12/02			OC1241				LA13- >96 LA31 97->01 LA120 02->		
Cordoba III	1.6 16V	02/03->					KL176- 6D		LA13- >96 LA31 97->01 LA120 02->		
Cordoba, Ibiza	1.8	95->97	LX418		OC47 OC522 PLUS		KL60		LA13- >96 LA31 97->01 LA120 02->		
Ibiza	1.0 Inj.	10/93- >12/96	LX208/1		OC250 OC522 PLUS		KL60		LA31		
Ibiza	1.2 Inj.	05/92- >09/93	LX208/1		OC47 OC522 PLUS			KL2	LA31		
Ibiza	1.3 Inj.	10/93- >6/94	LX208/1		OC47 OC522 PLUS		KL60		LA31		
Ibiza	1.4 inj.	05/94->	LX208/1		OC250 OC522 PLUS			KL2	LA31		
Ibiza	1.6 8V	94->99			OC1241						
Ibiza	1.6 inj.	10/93->	LX208/1		OC250 OC522 PLUS		KL60		LA31		
Ibiza	1.6 / 1.8 e 2.0	98->					KL583 (Plus) KL84		LA31		





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>SEAT</b>											
Ibiza	1.8 Inj.	10/93- >12/96			OC47 OC522 PLUS		KL60		LA31		
Ibiza	1.8i GTI 16V	93->			OC47 OC522 PLUS		KL60		LA31		
Ibiza	1.9 Turbo Diesel	10/93->	LX418		OC324		KL75		LA31		
Ibiza		02/87- >93			OC47 OC522 PLUS		KL63 KL222 <sup>(2)</sup>		LA31		
Ibiza Cupra Sport	2.0 Multi Point Inj.	12/96->	LX405				KL2		LA31		
Ibiza GLD/LD	1.7 Diesel	->92			OC248		KX23		LA31		
Ibiza GT	2.0	10/93->			OC47 OC522 PLUS		KL60		LA31		
Ibiza Gti	2.0 8V	10/93->	LX418		OC47 OC522 PLUS		KL60		LA31		
Ibiza II	1.6i - 1F	05/94- >08/99			OC1241		KL60		LA31		
Ibiza II	1.6i - AFT	04/96- >08/99			OC1241		KL60		LA31		
Ibiza II	1.8 Gti 16V - ADL	11/93- >08/99			OC1241		KL60		LA31		
Ibiza III	1.6 16V - AEH, AKL, APF	08/99- >02/02			OC1241				LA31		
Ibiza III	1.8 T 20V - AQX	08/99- >02/02			OC1241				LA31		
Ibiza IV	1.6 16V	02/03->					KL176- 6D		LA31		
Ibiza L/GL/GLX	1.2/1.5	->93			OC250 OC522 PLUS		KL63 KL222 <sup>(2)</sup>		LA31		
Ibiza Sportline	1.7 inj.	04/92- >09/93			OC47 OC522 PLUS		KL2		LA31		
Ibiza Sxi	1.5 Inj.	89->93			OC250 OC522 PLUS		KL2		LA31		
Inca	1.4 inj.	96->	LX405		OC250 OC522 PLUS		KL2		LA31		
Inca	1.6	99->	LX418		OC47 OC522 PLUS		KL237		LA31		
Inca	1.6 Inj.	96->					KL60		LA31		
Inca	1.6i - 1F	11/95- >10/00			OC1241		KL60		LA31		
Inca	1.9 Turbo Diesel	96->	LX418		OC324		KL75		LA31		
Inca Van	1.4 Inj.	96->	LX405		OC250 OC522 PLUS		KL2		LA31		
Inca Van	1.6 Inj.	->00					KL60		LA31		
Inca Van	1.9 Diesel	96->	LX418		OC248		KL75		LA31		
Leon (Cupra/R)	1.8 20V	99->05			OC1241						
Marbella L/GL/GLX	850/900cc	86- >03/95			OC47 OC522 PLUS				X		
Toledo	1.8 20V AUQ	2003			OC1241						
Toledo	1.8 KE Jetronic Inj. 16V	10/91- >01/95			OC47 OC522 PLUS						
Toledo	2.0 16V.	08/94->			OC47 OC522 PLUS				LA31		
Toledo	2.0 AGG	91-> 99			OC1241						
Toledo CL	1.6	10/91- >05/92			OC47 OC522 PLUS						
Toledo CLD	1.9 Turbo Diesel	6/92- >95	LX418		OC324		KL75				
Toledo GLXi	1.8	10/91- >05/95			OC47 OC522 PLUS		KL2				





<sup>(1)</sup> Tipo Exportação

<sup>(2)</sup> Opcional

<sup>(3)</sup> Com Ar

<sup>(4)</sup> Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>SEAT</b>											
Toledo GTI	2.0	10/91- >07/94					KL2				
Van	1.6	95->	LX418		OC47 OC522 PLUS		KL60		LA31		
<b>SINOTRUK</b>											
HOWO 380 6x2		2010->	LX3562	LXS316							
<b>SLC</b>											
1000	MWM D226/4	->80			OC26		KX43 KX35		X		
1000	MWM D226/4	81->			OX199D		KX43 KX35		X		
1000	MWM D229/4 - OM 352	->12/82	LX265	LXS37/1	OX85D		KX43 KX35		X	HC76	
1000	OM 352	01/82- >12/83	LX265	LXS37/1	OX199D		KX43 KX35		X	HC76	
1000, 2000, 2200	MBB OM352	80->	LX265	LXS37/1	OX85D		KX43 KX35		X		
1185		97->	LX227	LXS42/1					X		
2000, 2200	OM 352	01/82- >13/83	LX265	LXS37/1	OX85D		KX43 KX35		X	HC76	
5600 (4X2)	John Deere	97->	LX236	LXS41/1					X		
5700 (4X4)	John Deere	97->	LX236	LXS41/1					X		
6200	MBB OM352	86->	LX265	LXS37/1	OX199D		KX43 KX35		X		
6200 Turbo	MB OM352	86->		LXS42/1					X		
6300	John Deere 4039T		LX236	LXS41/1					X		
6300	OM 366		LX265	LXS37/1	OX137D		KX49		X		
6600	John Deere 6059T	98->	LX265	LXS37/1					X		
7500/7700	OM 366 A Turbo		LX227	LXS42/1	OX137D		KX49		X		
JD860/JD860A	Detroit 6.71				OX5D				X		
WA 14/ WA17	Cummins				OX198D OX218D		KX92D KC133		X		
<b>SSANGYONG</b>											
ACTION	D20DT 2.0L XDI	07/07->					KL446		X		
ACTION SPORT	2.0L XDI TURBO DIESEL	08->					KL928		X		
ACTION SUV	2.0L XDI TURBO DIESEL	08->					KL928		X		
ACTYON	2.3 GASOLINA	04- /2007->		LX3698							
ACTYON 200 XDI / KYRON 200 XDI		01- /2007->		LX3698							
Korando	2.3		LX95						X		
KYRON	2.0L XDI TURBO DIESEL	08->					KL928		X		
KYRON	2.7	01- /2007->		LX3698							
KYRON	D20DT 2.0L XDI	01/10->					KL446		X		
KYRON	D27DT 2.7L XDI	05/05->					KL446		X		
REXTON	D27DT 2.7L XDI	03/11->					KL446		X		
REXTON	D27DTP 2.7L XDI Turbo	03/11->					KL446		X		
RODIUS	D27DT 2.7L XDI	05/05->					KL446		X		




APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>SSANGYONG</b>											
RODIUS	D27DT 2.7L XDI	05/05->					KL446		X		
<b>STEYR-DAIMLER-PUCH</b>											
Trator 9200	Cummins 6CT8.3L						KL870		X		
<b>SUBARU</b>											
Forester	2.0 Multi Point Inj.4cil.	9/97->	LX307		OC205				X		
Forester (LX/S) Aut.	2.0 16V EJ20	06->08							LA104 5		
Forester (Premium/Touring/ Limited) Aut./Mec.	2.5 16V EJ25	06->08							LA104 5		
Forester (SG/SF)	2.0 16V	01/97->	LX307		OC205				X		
Forester (SG/SF)	2.0 EJ20	08/97- >12/98	LX307		OC205				X		
Forester (SG/SF)	2.0 S-Turbo EJ20G	04/99- >03/01	LX307		OC205				X		
Impreza	1.6 boxer	5/93- >9/96	LX307		OC205				X		
Impreza	1.8 boxer	5/93- >9/96	LX307		OC205				X		
Impreza	2.0 Inj. 16V	12/95->	LX307		OC205				X		
Impreza	2.0 Turbo Inj.	3/94->	LX307		OC205				X		
Impreza I	(GC/GF/GFC) 1.6 - EJ16E	12/96- >12/00	LX307		OC205				X		
Impreza I	(GC/GF/GFC) 1.6i 4WD - EJ16	08/92- >12/00	LX307		OC205				X		
Impreza I	(GC/GF/GFC) 1.8i 4WD - EJ18	08/92- >12/00	LX307		OC205				X		
Impreza I	(GC/GF/GFC) 2.0 Turbo 4WD	12/96- >12/00	LX307		OC205				X		
Impreza I	(GC/GF/GFC) 2.0 Turbo GT 4WD - EJ20T	06/98- >12/00	LX307		OC205				X		
Impreza I	(GC/GF/GFC) 2.0i 4WD - EJ20	10/95- >12/00	LX307		OC205				X		
Impreza I	(GC/GF/GFC) 2.0i Turbo - EJ20T	03/94- >12/00	LX307		OC205				X		
Impreza II	(GD/GC) 2.0 WRX - EJ20T	12/00- >03/03	LX307		OC205				X		
Impreza (Série I - SD / GX / RX / WRX) Aut./Mec.	2.0 16V EJ20/EJ20T	00->05							LA104 5		
Impreza (Série II - SD / R) Aut./ Mec.	2.0 16V EJ20	05->07							LA104 5		
Impreza (Série II - SD / WRX) Aut./Mec.	2.5 16V Turbo EJ25	05->07							LA104 5		
Justy					OC205				X		
Legacy	1.8 4WD (BJF) EJ18SPI	01/89- >09/91	LX1298		OC205				X		
Legacy	1.8i 16V (BC4) - EJ20	10/91- >09/94	LX307						X		
Legacy	1.8i 16V (BC4) - EJ20	10/91- >09/94	LX307		OC205				X		
Legacy	2.0 4WD Super (BJF) - EJ20 EMPI	05/92- >10/94	LX307		OC205				X		
Legacy	2.0 Turbo 4WD Super (BJF) - EJ20 -GN	05/92- >10/94	LX307		OC205				X		
Legacy	2.0 Turbo inj.	10/91- >4/94	LX307		OC205				X		
Legacy	2.0i 4WD (BD/BG) - EJ20	09/94- >03/99	LX307		OC205				X		
Legacy	2.2 Super 4WD (BJF) - EJ22 EMPI	01/89- >10/94	LX307		OC205				X		
Legacy	2.2i 4WD (BD/BG) - EJ22 EMPI	06/96- >12/98	LX307		OC205				X		
Legacy	2.2i (BD/BG) - EJ22 EMPI	09/94- >12/98	LX307		OC205				X		
Legacy	2.5 16V 4WD (BD/BG) - EJ25	07/96- >12/98	LX307		OC205				X		





(1) Tipo Exportação

(2) Opcional

(3) Com Ar

(4) Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR							HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°		
<b>SUBARU</b>										
Legacy	2.5 inj.	9/96->	LX307		OC205				X	
Legacy DL	2.0	1/92->8/94	LX307		OC205				X	
Legacy GL	1.8	10/89->1/91	LX307		OC205				X	
Legacy GL	2.0 Turbo inj.	89->9/94	LX307		OC205				X	
Legacy GL/GLS	2.0 Inj.16V.	4/94->	LX307		OC205				X	
Legacy GX	2.2 inj.16V.	10/89	LX307		OC205				X	
Legacy L	1.8	93->	LX307		OC205				X	
Legacy L	2.2	93->	LX307		OC205				X	
Legacy (Série III - R H6) Aut.	3.0 24V EZ30	2005->							LA104 1	
Outback (Série II - H6 SW) Aut.	3.0 V6 24V EZ30	2004->							LA104 1	
Outback (Série II) Aut. / Mec.	2.5 16V EJ25	03->06							LA104 1	
SVX	3.3i 24V inj.6cil.	5/92->9/96	LX307		OC205				X	
SVX	3.3i 24V (CXW) - EG33 DOHC	09/92->	LX307		OC205				X	
SVX		93->	LX307		OC205				X	
Tribeca (Limited) Aut.	3.6 V6 24V	08->11							LA104 1	
Vivio 660					OC205				X	
<b>SULAIR</b>										
250, 250DP	Perkins 4236				OC324	KX23			X	
<b>SUZUKI</b>										
Alto	1.0 Inj.	2/97->			OC534				X	
Alto		7/81->2/83			OC534				X	
Alto GL		4/86->11/92			OC534				X	
AN 650 Burgman		2002->			OC1018					
Cappucciono	657cc Turbo Inj.	10/93->10/95			OC534				X	
Grand Vitara	2.0 TDI	01->	LX862							
Grand Vitara		98->09								LA654/ S
Grand Vitara Aut./Mec.	3.2 V6 24V Gasolina	2008->			OC1239					LA104 3
Grand Vitara (GOLD/LIMITED/SPORT TOP LINE) Mec.	2.0 16V Gasolina	2008->								LA104 3
Grand Vitara (TOP LINE)	2.0 16V TURBO DIESEL	2003->				KX446D				
Grand Vitara (TOP LINE) Aut./Mec.	2.0 16V TURBO DIESEL	2001->2002			OC1237					
GSF 1200S Bandit		1995->2000			OC1018					
GSF 600/600S Bandit		1995->2004			OC1018					
GSX-R 1000		2001->2004			OC1018					
GSX-R 1100W		1993->1997			OC1018					
GSX-R 600		1997->			OC1018					
GSX-R 750W		1992->1995			OC1018					
GSX 1100F/G		1988->2007			OC1018					
GSX 1300R Hayabusa		1998->2007			OC1018					





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>SUZUKI</b>											
GSX 600F Katana		1988->2007			OC1018						
GSX 600R		1992->1993			OC1018						
GSX 600R		1997->1998			OC1018						
GSX 750F		1998->			OC1018						
GV 1400 Cavalcade		1987->1988			OC1018						
Jimny	1.3 16V - Gasolina				OC534						
Jimny (4S / 4 Sport / 4 Work) Aut./ Mec.	1.3 16V	2009->							LA104 4		
Jimny (Wide / 4 All / S) Aut./Mec.	1.3 16V G13B	98->03							LA104 4		
SV 1000		2003->			OC1018						
SV 650 /S/SU		1999->			OC1018						
Swift II	1.0i (EA, AH, AJ)	02/91->02/96			OC195				X		
Swift II	1.3 / 1.3 4WD (EA, AH, AJ)	03/89->12/96			OC195				X		
SX4		2010->							LA682		
TL 1000 R/S		1997->2001			OC1018						
Vitara	1.6 JLX inj. 8V	06/91->01/95	LX485						X		
Vitara	1.6L 8V inj.	93->	LX862		OC534				X		
Vitara	2.0L 16V Gasolina	01/93->12/99			OC534				X		
Vitara (JLX) Aut./Mec. (RFT)	2.0L 16V Turbo Diesel	1998->			OC1237						
VL 800LC Intruder Volucia		2001->			OC1018						
VS 1400 GL		1987->1998			OC1018						
VS 1400 GLF/GLP Intruder		1987->2003			OC1018						
VS 1400 Intruder		1987->2003			OC1018						
VS 1400 P/F		1987->1998			OC1018						
VS 800 GL/C Intruder		1992->			OC1018						
VX 800		1990->1993			OC1018						
VZ 800 Marauder		1996->			OC1018						
Wagon-R	Multi point Inj.	10/97->			OC534						
<b>TADANO</b>											
TS130L, 180L	MB OM352	80->	LX265		OX197D	KX43 KX35			X		
TS130L, 180L	MB OM352	->79	LX265		OX30D	KX43 KX35			X		
<b>TEMA TERRA</b>											
5S32, 5720, 5750 Guindastes	Scania D11-DS11		LX241		OC18	KC113			X		
SP10000	Perkins 6357					KX23 KX23			X		
SP12000 Série 246H	MB OM352A				OX197D	KX43			X		
SP255	MB OM352	->79				KX43 KX35			X	HX51D	
SP255	MB OM352	80->	LX243		OX197D	KX43 KX35			X		
SP255	Perkins 6340					KX23 KX23			X		





(1) Tipo Exportação

(2) Opcional

(3) Com Ar

(4) Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR									HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°	1°	2°		
<b>TEMA TERRA</b>												
SP255	Perkins 6357				OX200D		KX23	KX23	X			
SP255	Perkins V8-510				OX200D		KX23		X			
SP3000	Perkins 4236		LX275	LXS5/1	OC324		KX23		X			
SP5500	MB OM314	82->83	LX200				KX43		X	HX51D		
SP8000 HD Serie 824V	MB OM352		LX200/1				KX35		X			
SP8000, 10000, 12000	MB OM352	->79	LX243		OX197D		KX43		X			
SP8000, 10000, 12000	MB OM352	80->	LX243		OX197D		KX35		X			
SPV30, 48, 68, 84	MB OM352	->79	LX243				KX43		X			
SPV30, 48, 68, 84	Perkins 6357		LX243		OX200D		KX35		X			
SPV730	MB OM314	82->83	LX200				KX23		X	HX51D		
SPV730	MB OM352		LX200/1				KX35		X			
SPV730	MB OM352		LX243		OX199D		KX43		X			
SPV730	Detroit 4-53		LX243				KX35		X			
SPV735	MB OM352 Ind.		LX243				KX43		X			
TH14	Perkins 4236		LX243				KX35		X			
TH4420	Scania D11		LX275				KX23	KX23	X			
TH8, TH10	Perkins 3152		LX241	LXS43/1			KC113		X			
TT1014	MB OM314		LX200				KX23		X			
TT1014	Perkins 4203		LX200/1				KX35		X			
TT1014	Perkins 4203				OX18D		KX23	KX23	X			
TT58, TT710	Perkins 6357				OX200D		KX23	KX23	X			
TT58, TT710	Perkins V8510						KX23		X			
VP10	Deutz A2L-1014						KX44		X			
VP15	Agrale M790		LX200		OC18				X			
VP15	Deutz A2L-1014		LX200/1						X			
VP15	Deutz A2L-1014		LX200		OC26		KC113		X			
VP15	Deutz A2L-1014		LX200/1						X			
VR3	MB OM352	->79					KX43		X			
VR3	MB OM352	80->					KX23		X			
VR3	MB OM352	->79					KX43		X			
VR3	MB OM352	->79					KX35		X			
<b>TEREX</b>												
33-03B	Scania DS11				OC18		KC113		X			
3345	CUMMINS QSK19		LX3605						X			
42L	MB OM352		LX265	LXS37/1	OX197D		KX43		X			
42L	MB OM352						KX35		X			
R35C	Scania DS14				OC18		KC113		X			
TA25/ TA27/ TA30/ TR100/ TR45/ TR60	CUMMINS		LX3605						X			
TXC420-LC2 / TXC480LC-2	DOOSAN DV11	2011	LX3605						X			
<b>THERMO KING</b>												
Sistema Thermo king LRTBR - Ônibus Rodoviário		05->								LA696		
Sistema Thermo king LRTSP - Ônibus Rodoviário		06->								LA692		
Sistema Thermo king LRTSP - Ônibus Rodoviário		06->								LA693		




APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>TOYOTA</b>											
4-Runner	3.0 Turbo Diesel Inj.	93->97					KC83		X		
4-Runner	3.0 V6 12V Inj.	5/93->			OC67				X		
Avensis GLS/CDX	2.0 Multi Point Inj.	11/97->			OC534						
Avensis GS/GLS	1.8 Multi Point Inj.	11/97->			OC534						
Avensis S/GS	1.6 Multi Point Inj.	11/97->			OC534						
Bandeirantes	MBB OM364	90->94	LX275	LXS5/1	OX150D	KX43	KX43		X		
Bandeirantes	Toyota Importado	94->	LX275	LXS5/1	OC67				X		
Camry	1.8 DLX, DX, GL	->86			OC534				X		
Camry	2.0 16V	3/88->9/89			OC534				X		
Camry	3.0 V6 24V Inj.	11/96->			OC534				X		
Camry GL	1.8 Turbo Diesel	4/84->10/85			OC18				X		
Camry GL	2.0 Turbo Diesel	10/85->1/88					KC83		X		
Camry GL	2.2 16V Inj.	09/91->09/95			OC534				X		
Camry GLI	2.0 16V	01/87->10/91			OC534				X		
Camry GLI	2.0 Inj.	4/84->1/87			OC534				X		
Camry GX	3.0 V6 Inj.	10/91->12/96			OC534				X		
Camry LE		92->			OC534				X		
Camry Saloon Sport	2.2 Inj.	11/96->			OC534				X		
Camry XLE	3.0 V6 24V 1MZFE	02->06							LA104 2		
Camry XLE	6cil.	92->			OC534				X		
Camry (XLE Aut)	3.5L 24v	2007->							LA655		
Carina	1.8 Multi Point	6/95->11/97			OC534				X		
Carina DLX/GL	1.6	77->4/84			OC18				X		
Carina GL	1.8	77->4/84			OC18				X		
Carina GLI/LXI/XI	1.6 16V	1/92->11/97			OC534				X		
Carina GLXI/GTI/XLI	2.0	1/92->11/97							X		
Carina II	1.8				OC534				X		
Carina II	2.0 GLI	->94			OC534				X		
Carina II GL	1.6	4/84->3/88			OC534				X		
Carina II GL	2.0 Diesel	4/84->3/89			OC18				X		
Carina III GL	16V	3/88->93			OC534	KL63			X		
Carina III GL	2.0 16V Inj.	3/88->1/92			OC534				X		
Celica	2.0 16V Turbo	90->3/94			OC534				X		
Celica	2.0 16V Turbo Inj.	3/94->			OC534				X		
Celica Coupe	1.6	78->82			OC18				X		
Celica GT Coupe	16V	2/90->3/94			OC534				X		
Celica GT Coupe	16V Inj.	85->91			OC534				X		
Celica GT/Cabriolet	2.0	3/94->			OC534				X		
Celica (ST)	1.8L	01/92->12/93			OC534				X		
Cellica	2000GT - 2.0GT/ GTI	89->94			OC534				X		





(1) Tipo Exportação

(2) Opcional

(3) Com Ar

(4) Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR							HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°		
<b>TOYOTA</b>										
Corolla	1.2	09/72->88			OC534				X	
Corolla	1.3	->85			OC534				X	
Corolla	1.3i 2E-E	06/89->04/92				KL139			X	
Corolla	1.6	08/87->04/92			OC534	KL139			X	
Corolla	1.6 inj. 16V.	02/84->08/87			OC534	KL139			X	
Corolla	1.6i 4A-GE	07/87->06/93				KL139			X	
Corolla	1.6i 4WD - 4A-FE	10/87->06/92				KL139			X	
Corolla	1.8 Diesel	82->04/87			OC18				X	
Corolla CD/GS	1.6	08/97->			OC534	KL139			X	
Corolla DX	1.8 16V	99->01	LX811						X	
Corolla DX/EX	1.6	03/80->08/82			OC18	KL139			X	
Corolla Fielder	1.6L	02->	LX1286		OC534					
Corolla Fielder	1.8L	02->	LX1286		OC534					
Corolla GLI	1.3 16v Inj.	08/92->07/95	LX811		OC534	KL140			X	
Corolla GLXI	1.8 16v Inj.	03/93->	LX811		OC534	KL140			X	
Corolla GSI/LXI	1.3 16V Inj.	07/95->07/97	LX811		OC534	KL140			X	
Corolla GT	1.6 16V Inj.	87->8/89			OC534	KL139			X	
Corolla GTI	1.6 16v Inj.	08/89->93				KL140			X	
Corolla Nacional XLI/ XEI	1.8 16V	98->01	LX811		OC534	KL140			X	
Corolla Nacional XLI/ XEI	1.8 16V	01->02			OC534	KL140			X	
Corolla SR Coupe	1.6	03/80->08/82			OC534	KL139			X	
Corolla SW LE/WG	1.8L 16V	01/93->12/99	LX811		OC534	KL140			X	
Corolla (Altis/XEI/XRS) Automático	2.0 16V Flex	2010->	LX3703		OX1041D	KL582 (Plus)			LA655	
Corolla (Fielder SE-G / XEi / XLi / Aut.)	1.8 16V VVT-i DOHC Flex	03/07->12/07	LX1286		OC534	KL582 (Plus)			LA109	
Corolla (Fielder SW / SW-S / Aut.)	1.8 16V	01/05->12/07	LX1286		OC534				X	
Corolla (GLi / DX / SW / XLi)	1.6L 16V	01/93->12/99	LX811		OC534	KL140			X	
Corolla (GLi)	1.8 16V DUAL VVT-i AT Flex	01/12->	LX3703			KL582 (Plus)				
Corolla (GLi) Aut./Mec.	1.6 16V Motor 4AFE	97->01							LA100 1	
Corolla (LE)	1.8L	01/93->12/98			OC534				X	
Corolla (LE)	2.2L 16V	01/95->12/97			OC534					
Corolla (NOVO SEG-G/XEi/XLi)	1.8 16V VVT-i AT Flex	01/08->	LX3703		OC534	KL582 (Plus)			LA655	
Corolla (S / Aut.)	1.8 16V Gasolina	01/07->12/07	LX1286		OC534				LA109	
Corolla (SE-G / XEi / XLi / Aut.)	1.8 16V	01/99->12/07	LX1286		OC534				X	
Corolla (SE-G / XEi / XLi / Aut.)	1.8 16V VVT-i DOHC Flex	03/07->12/07	LX1286		OC534	KL582 (Plus)			LA109	
Corolla (SE-G/XEi/XLi) Aut./Mec.	1.8 16V	00->01							LA100 1	
Corolla (XLi / Aut.)	1.6 16V Gasolina	03->07	LX1286		OC534				LA395	
Corolla / Fielder	1.8 16V Gasolina	03->07	LX1286		OC534	KL582 (Plus)			LA395	
Corolla/Fielder (SE-G/XEi/Xli/Aut)	1.8L 16v VVT-i DOHC Flex	2009->			OC534				LA655	
Corona (GLi / Aut.)	2.0L 16v	01/96->12/00			OC534				X	





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>TOYOTA</b>											
Crescida	2.2 Diesel	81->10/83			OC67				X		
Crown	2.6 6cil.	5/75->3/80			OC67	KL63			X		
Etios	1.3L / 1.5L Flex	2012->					KL582 (Plus)		LA1103		
Hilux	2.7L 16v Diesel	01/02->12/03	LX3235								
Hilux	3.4L 24v DOHC V6 Gasolina	97->01	LX2125		OC235				X		
Hilux SR	2.7 16V DOHC WT-i Gasolina	01->02	LX2530		OC235				X		
Hilux (CD D4-D 4x2 / 4x4)	2.5 16V TB Diesel	01/06->	LX2125			KX268D			LA655		
Hilux (CD SR / SRV / 4x4)	3.0 8v TB Diesel	01/02->	LX2530		OC275	KC83			X		
Hilux (CD / CS / DX / SRV / 4x2)	2.7L 16v Diesel	01/02->12/03	LX2530		OC275	KC83			X		
Hilux (CD / STD / SW)	2.8L 8v Diesel	92->01	LX912		OC67	KC83			X		
Hilux (CDSRV / CDSRV TBI)	3.0L 16v DOHC L4 Diesel	06->			OC235				LA655		
Hilux (CD/CS/DX/SR/SRV /4x2 / 4x4)	3.0L 8v Diesel	01/02->	LX2530		OC275	KC83			X		
Hilux (Chassi D4-D 4x4)	2.5 TB Diesel	01/06->	LX2125			KX268D			LA655		
Hilux (CS D4-D 4x2 / 4x4)	2.5 16V TB Diesel	01/06->	LX2530			KX268D			LA655		
Hilux (D4-D CD /SR /SRV / SW4 /4x2 /4x4 /Aut.)	3.0 16V TDI Diesel	01/06->	LX2125		OC235	KX268D			LA655		
Hilux (D/C DX AC 4x2-4x4/ S/C DX AC 4x2-4x4)	2.5L 16v DOHC L4 Diesel	05->			OC235				LA655		
Hilux (D/C SR TBI - D/C SR SRV 4x4 - SW NEW AT/MT)	3.0L 16v DOHC L4 Diesel	05->			OC235				LA655		
Hilux (D/C SRV 4x2- Turbo 4x4)	3.0L 16v DOHC L4 Diesel	01->			OC235				LA655		
Hilux (SW4 4x4)	2.4L 8v Diesel	93->96	LX3235		OC275	KC83			X		
Hilux (SW4 4x4)	2.8L Diesel	92->96	LX3235		OC275	KC83			X		
Hilux (SW4 4x4)	3.0L 12v V6 Diesel	01/93->12/96	LX3235		OC275	KC83			X		
Hilux (SW4 4x4)	3.0L 24v V6 Diesel	01/94->12/01			OC275	KC83			X		
Hilux (SW4 4x4)	3.0L 8v TB Diesel	01/97->12/02	LX3704		OC275	KC83			X		
Hilux (SW4)	2.7L 16v Diesel	01/96->12/00	LX3235		OC275	KC83			X		
Hilux (SW4)	3.4L 24v DOHC V6 Gasolina	97->01	LX3235		OC275	KC83			X		
Hilux (SW4)	4cil. Gasolina	93->			OC534				X		
Hilux (SW4)	6cil. Gasolina	96->			OC534				X		
Hilux/SW4 SR5	3.0 Diesel Turbo	97->01	LX3704		OC534	KC83			X		
Jeep, Perua, Pick-up	OM314	81->			OX43D	KX43 KX35			X		
Land Cruiser (Prado 4x4 / Aut.)	3.0L TB Diesel	01/03->			OC275				X		
Land Cruiser (Prado) Aut./Mec.	3.0 16V Turbo Diesel	04->							LA1041		
LandCruiser	3.0 Diesel Turbo	03->			OC534						
LandCruiser	3.0 Diesel (B)	1974->1984	LX3704								
LandCruiser	3.4 Diesel (3B)	1980->1987	LX3704								
LandCruiser	3.4 Diesel (3B)	1987->	LX3704								
LandCruiser	4.5 24V GASOLINA	1993->1995	LX3704								
Lexus	3.0 24V Inj. 6cil.	10/93->			OC18						
Lexus		92->			OC534						
Lexus		2006->							LA655		





(1) Tipo Exportação

(2) Opcional

(3) Com Ar

(4) Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>TOYOTA</b>											
MR2 Coupe	2.0 16V 4Cil.	90->2/94			OC534				X		
MR2 GT Coupe	1.6 16V.	3/85->8/87			OC534				X		
MR2 GT/T-Bar Coupe	1.6 16V.	9/87->12/90			OC534				X		
MR2 GT/T-Bar Coupe	2.0 16V 4Cil.	3/94->			OC534				X		
MR2 GT/T-Bar Coupe	2.0 Inj.	90->2/94			OC534				X		
OJ50LV-SOLVB-OJ55LPB	MB OM-314	81->83	LX200 LX200/1	LXS40/1	OX43D	KX43 KX35			X		
OJ50(L-LV-LVB)-OJ55(LPB-LPB3-LPBL)	MB OM-314	->81	LX200 LX200/1	LXS40/1	OX85D	KX44			X		
Paseo	1.5L 16v	01/92->12/96			OC534				X		
Paseo SI/ST	1.5 16V Inj.	03/96			OC534				X		
Picnic GL/GS/GX	2.0 16V Inj.	97->			OC534				X		
Prado		2009->							LA647		
Previa		92->			OC534				X		
Previa GL/GLX/GS	2.4 16V	10/90->			OC534				X		
Prius (Hybrid) Automático	1.8 16V	2012->			OX1041D						
Publica	1.0	92->			OC534				X		
Rav 4	2.0i	94->			OC534	∞			X		
Rav 4 (4x4 / Aut.)	2.0L 16v	01/99->			OC534	∞			X		
Rav 4 (GS/GX)	2.0L 16V 4cil. Inj.	6/94->			OC534	∞			X		
Rav4	2.5 16V	2013->			OX1041D						
RAV4 (4x4/Aut)	2.0L 16v Gasolina	2006->								LA655	
Starlet CD	16V Inj.	3/96->			OC534				X		
Starlet GL		3/85->1/93			OC534				X		
Starlet GL/GLI	12V Inj.	1/93->3/96			OC534				X		
TB 256	M. BENZ OM-324					KX44			X		
Tercel DLX		3/83->4/88			OC534				X		
Tercel GL	4cil.	10/82->1/85			OC534				X		
<b>TROLLER</b>											
T4	International NGD 3.0 TDI Eletrônico	01/06->	LX2532		OX169/1D	KL425 KX212			X		
Troller	MWM Sprint 4.07TCA 2.8				OC404				X		
<b>VALMET</b>											
110, 118	MWM D225 / D229/6	80->86			OC60				X	HX50	
1180	Valmet 620D Imp	94->	LX265	LXS37/1	OC335	KX23	KX23		X		
128	MWM D 229	85->	LX236	LXS41/1	OC60	KX43 KX35			X		HX55-TRANS.
1280	MWM D 229/4	92->	LX236	LXS41/1	OC60	KX43 KX35			X	HX50	
1280, 1580	MWM	86	LX236	LXS41/1	OC60	KX43 KX35			X		HX55-TRANS. HC83-TRANS.
138	MWM D 229	83->89			OC60	KX43 KX35			X		HX56-TRANS.
1380	Valmet 620DS Imp	94->	LX227	LXS42/1	OC335	KX23	KX23		X		





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR							HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°		1°	2°			
<b>VALMET</b>										
1380 (4X4)	MWM D 229/6	85		LXS41/1	OC60	KX43 KX35		X		HX56-TRANS. HC83-TRANS.
1380 (4X4)	MWM D 229/6	86	LX236	LXS41/1	OC60	KX43 KX35		X	HX50	HC83-TRANS.
138, 148	MWM D 229	84->89	LX227	LXS42/1	OC60	KX43 KX35		X		HX55-TRANS.
148	MWM D 229	86->90	LX227	LXS42/1		KX43 KX35		X		HX55-TRANS.
1580, 1780	MWM TD229 EC6		LX227	LXS42/1		KX43 KX35		X	HX50	HC83-TRANS.
1680	Valmet 620DS	97->	LX227	LXS42/1	OC335	KX24	KX24	X		
1780	MWM	86->	LX227	LXS42/1		KX43 KX35		X		HX55-TRANS. HC83-TRANS.
1880S	Valtra 620DS	96->	LX227	LXS42/1	OC335			X		
3000E	MWM D225/3				OX47D	KX44		X		
3000E	MWM D225/3; Serie 16510138				OC26	KX43 KX35		X		
3000V	MWM D225/4		LX200 LX200/1	LXS40/1	OC26	KX43 KX35		X		
60, 80, 60ID, 80ID	MWM D 225/3 - 225/4	72			OX47D	KX44		X		
62, 65, 85	MWM D225/3 - 225/4	73->79			OC26	KX43 KX35		X		
685	MWM		LX1057		OC26	KX43 KX35	KX23	X		HX56-TRANS.
685, 785	MWM	98->	LX275	LXS5/1		KX43 KX35		X		
685, 785	MWM229	94->	LX1057		OC26	KX43 KX35		X		
68, 78, 88	MWM D225/3-225/3-229/4-229/4 TV	76->88	LX1057		OC26	KX43 KX35		X		HX56-TRANS. HC83-TRANS.
880, 885, 980	MWM D229	86->	LX275	LXS5/1	OC26	KX43 KX35		X	HX50	HC83-TRANS.
885	Valmet 420D Imp	94->	LX275	LXS5/1	OC335	KX23	KX23	X		
885 (4X4)/S/TS	Valmet	94->	LX275	LXS5/1	OC335			X		
965 (4X4)	MWM TD 229EC 4TA	92	LX265	LXS37/1	OC60	KX43 KX35		X	HX50	
965 (4X4)	MWM TD 229EC 4VM	92	LX236	LXS41/1	OC60	KX43 KX35		X	HX50	
980 (4X4)	MWM TD 229/4	86	LX265	LXS37/1	OC60	KX43 KX35		X	HX50	HC83-TRANS.
985	MWM		LX236	LXS41/1	OC60	KX43 KX35		X	HX50	
985	Valmet 420DS Imp	94->	LX275	LXS5/1	OC335	KX23	KX23	X		
985 (4X4)	MWM D 229EC	92	LX236	LXS41/1	OC60	KX43 KX35		X	HX50	
985 (4X4)	MWM TD 229EC 4TA		LX265	LXS37/1	OC60	KX43 KX35		X	HX50	
BF65 (Máquina Agrícola) 2000-> / BF75 (Máquina Agrícola) 2001-> / BL77 (Máquina Agrícola) 2003-> / BL88 (Máquina Agrícola) 2003->			LX1673					X		
Trator 1280, 1780, 1880 / Trator linha BH, BM								LA954 LAK954		
Trator 1280,1380,1580,1680,1780,1880				LXS40/1				X		
Trator 1280,1380,1580,1680,1780,1880				LXS40/1				X		
Trator BH140,BH160,BH180				LXS40/1				X		
Trator BH140,BH160,BH180				LXS40/1				X		
Valtra 420D 4X2,4X4	BM85 85CV		LX275					X		
Valtra 420DS 4X2,4X4	BM100 100CV		LX236					X		





(1) Tipo Exportação

(2) Opcional

(3) Com Ar

(4) Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>VALMET</b>											
Valtra 420DS 4X4	BM110 110CV		LX265						X		
Valtra 620D 4X4	BM120 120CV		LX265	LXS37/1					X		
<b>VOLKSWAGEN</b>											
0180-1808	CN3 NAC	70->85			OC60	KX44			X		
11130, 11140, 12140, 13130, 14140, 15160T	MWM D229/6	81->92	LX236	LXS41/1	OC60	KX43 KX35			X		
11140	Cummins 6CTAA 8.3T	01/91->12/92	LX971		OC304	KC6D			X	HX15	
11140	MWM D229/6	92->	LX972	LXS226	OC35	KX43 KX35			X		
11160, 22160 Álcool	318.3 E	86	LX265	LXS37/1		KL222 KL63			X		
12140T	MWM 4.10T	04/97->	LX972	LXS226	OC60	KC121/1 KC121			X		
12180, 13180, 14150, 15180, 17210	MWM 6.10TCA	97->99	LX972	LXS226	OC35	KC113	KC127		X	HX15	WFC4-REFRIG.
12180, 14180	MWM 6.10 TCA	99->				KC121/1			X		
13150	MWM 4.10TCA	01/00->	LX910	LXS37/1	OC60	KC437			X	HX15	AL12-DESUM.
13170	Cummins 6BTAA 5.9	00->	LX1716	LXS260	OC320	KC118 KC24 KC113			X		
13170 E	Cummins Interact 4 ISBE	12/03->	LX1716	LXS260	OC502	KC440 KC500D			X		HX15-DIR. AL12-DESUM.
13180	MWM 6.10TCA	00->	LX1056 LX1056/1 LX1716	LXS260	OC35	KC122			X		
13180 (Constellation)	MWM 4.12 TCE	10/06->	LX2533	LXS296	OC60	KC492			LA652/ S		HX15-DIR.
13180 (E Worker)	MWM 4.12 TCE	12/03->	LX1716	LXS260		KC492					HX15-DIR. AL12-DESUM.
13180, 24220, 24250, 26300, 40300	Cummins 6CTAA	00->	LX1056 LX1056/1 LX1716	LXS260	OC304 OC1176	KC107	KC113		X	HX15	WFC2-REFRIG.
13190	Cummins 6BTAA	01->	LX972	LXS260	OC320				X		
13190	Cummins 6BTAA	00->	LX1056 LX1056/1 LX1716	LXS260	OC320	KC113			X	HX15	
13190	Cummins 6BTAA 5.9	01/02->	LX1716		OC320	KC6D			X		
14150	MWM 6.10 T	97->	LX972	LXS226	OC35	KC121/1 KC113			X		
14150, 14200	MWM 6.10 NA /6.10T	92->96	LX972	LXS226	OC35	KC113			X		
14170, 15170, 16170	Cummins 6BT 5.9	92->	LX972	LXS226	OC320	KC107	KC113		X	HX15	WFC2-REFRIG.
14200	Cummins 6BTAA Turbo	97->	LX971	LXS227	OC304				X	HX15	WFC2-REFRIG.
14210 OD	MWM 6.10TCA Turbo Aftercooler	09/01->	LX1716						X		
14220 (6X4)	Cummins 6CT 8.3	01/91->12/00	LX971	LXS227	OC304	KC6D			X	HX15	WFC2-REFRIG.
15170 E Worker	Cummins Interact 4 ISBE	12/03->	LX1716	LXS260	OC502	KC440 KC500D			X		HX15-DIR. AL12-DESUM.
15170, 17210	Cummins 6BTAA	00->	LX1716	LXS260	OC320	KC118 KC24 KC113			X	HX15	
15180	MWM 6.10TCA	00->	LX1056 LX1056/1 LX1716	LXS260	OC35	KC122			X		
15180 EOD	MWM 4.12 TCAE	11/04->	LX1716	LXS260	OC35	KC492			X	HX15	AL12-DESUM.
15180 EOD	MWM 6.12 TCAE	04/04->	LX1716	LXS260	OC35	KC492			X	HX15	AL12-DESUM.
15180 (Constellation)	MWM 4.12 TCE	10/06->	LX2533	LXS296	OC60	KC492			LA652/ S		HX15-DIR. AL12-DESUM.
15180 (E Worker)	MWM 4.12 TCE	05/05->	LX1716	LXS260	OC60	KC492 KC500D			X	HX15	AL12-DESUM.
15190	Cummins 6BTAA 5.9	01/02->	LX1716	LXS260	OC320	KC24 KC6D			X		





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR									HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°				
<b>VOLKSWAGEN</b>												
15190 EOD	MWM 4.12 TCE Euro III	04/04->	LX1716	LXS260	OC60	KC492 KC500D			X	HX15		AL12- DESUM.
16170	Cummins 6C 8.3	92	LX972	LXS226	OC304	KC107	KC24		X			WFC2- REFRIG.
16180	MWM 6.10 T	01/92->	LX972	LXS226	OC35	KC24			X	HX15		
16180 CO	MWM 6.10	97->	LX265	LXS37/1	OC35	KC24 KC6D			X	HX15		WFC2- REFRIG.
16180 CO (Ônibus)	MWM 6.10	03/93- >06/97	LX265	LXS37/1	OC35	KC24 KC122			X	HX15		
16200 (6X4)	Cummins 6CT 8.3	01/92->	LX971	LXS227	OC304	KC6D			X	HX15		WFC2- REFRIG.
16210	Cummins 6CT 8.3	01/88- >12/92	LX971	LXS227	OC319	KC6D			X	HX15		WFC2- REFRIG.
16210 CO	MWM 6.10 TCA	98->	LX265	LXS37/1	OC35				X			
16220	Cummins 6CTAA 8.3T	01/91- >12/00	LX971	LXS227	OC304	KC6D			X	HX15		WFC2- REFRIG.
16300	Cummins 6CTAA 8.3T	92->	LX971	LXS227	OC304	KC6D			X	HX15		WFC2- REFRIG.
16330	Cummins 6CTAA Turbo	97->	LX971	LXS227	OC304	KC6D			X	HX15		WFC2- REFRIG.
17210	Cummins 6BT5.9T	01->		LXS260					X			
17210	Cummins 6BTAA 5.9T	00->			OC320	KC24 KC6D	KC113		X	HX15		WFC2- REFRIG.
17210	MWM 6.10TCA	05/02->	LX1716	LXS260	OC35	KC437			X	HX15		
17210 COE	MWM 6.12 E	01/05->	LX1056 LX1056/1 LX1716	LXS260	OC35				X	HX15		
17210 E OD	MWM 6.10TCA	09/01->	LX265	LXS37/1	OC35	KC437 KC122			X	HX15		
17210 EOD (Ônibus)	MWM 4.12TCAE	04/04->	LX1716	LXS260	OC60	KC492			X	HX15		AL12- DESUM.
17210 EOD (Ônibus)	MWM 6.12TCAE	12/05->	LX1716	LXS260	OC35	KC492			X	HX15		AL12- DESUM.
17220, 17300	Cummins 6CTAA 8.3T	01/92- >12/99	LX971	LXS227	OC320 OC1176	KC6D KC500D			X			WFC2- REFRIG.
17220, 17300, 24220, 24250, 26300, 40300	Cummins 6CTAA 8.3T	00->	LX1716	LXS260	OC1176	KC118 KC24 KC113			X	HX15		
17230 EOD V-Tronic (Ônibus)	MWM 6.12TCE Euro III	01/08->	LX1716	LXS260	OC35	KC492			X			AL12- DESUM.
17230 EOD (Ônibus)	MWM 6.12TCE Euro III	04/04->	LX1716	LXS260	OC35	KC492			X	HX15		AL12- DESUM.
17240 OT (Onibus)	MWM 6.10 TCA	03/01->	LX1056 LX1056/1 LX1716	LXS260					X	HX15		
17250 E	Cummins Interact 4	01/04->	LX1056 LX1056/1 LX1716	LXS260	OC35				X	HX15		WFC4- REFRIG.
17250 E 4X2	Cummins Interact 6	01/04->	LX1056 LX1056/1 LX1716	LXS260	OC35				X	HX15		WFC4- REFRIG.
17250 E Worker / Constellation	Cummins Interact 6 ISBE	07/03->	LX1716	LXS260	OC502	KC440 KC500D		LA652/ S				HX15-DIR. AL12- DESUM. WFC2- REFRIG.
17260 EOT	MWM 6.10 TCAE	01/04->	LX1056 LX1056/1 LX1716	LXS260	OC35				X	HX15		
17260 EOT V-Tronic (Ônibus)	MWM 6.12TCE Euro III	01/08->	LX1716	LXS260	OC35	KC492			X			AL12- DESUM.
17260 EOT (Ônibus)	MWM 6.12 TCAE	04/04->	LX1716	LXS260	OC35	KC492			X	HX15		AL12- DESUM.
17310 Titan	Cummins 6CTAA 8.3T	01/02->	LX1716		OC304 OC1176	KC6D			X			
18310 OTE 4X2	Cummins Interact 6	01/03->	LX1056 LX1056/1 LX1716	LXS260	OC304	KC24 KC6D			X	HX15		WFC4- REFRIG.
18310 Titan	Cummins 6CTAA 8.3T	01/00->	LX1716		OC304 OC1176	KC6D			X			
18310 Titan, 23220, 23310 Titan, 26220, 26260, 26310 Titan	Cummins 6CTAA	01->	LX1056 LX1056/1	LXS260	OC304 OC1176	KC113			X	HX15		WFC4- REFRIG.

(1) Tipo Exportação

(2) Opcional

(3) Com Ar

(4) Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR									HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°			1°	2°				
<b>VOLKSWAGEN</b>												
18320 EOT (Ônibus)	MWM 6.12 TCAE	04/04->	LX1716	LXS260	OC35	KC492			X	HX15		AL12-DESUM.
18320 OT (Onibus)	Cummins ISC320 E	03/06->	LX1056 LX1056/1 LX1716	LXS260	OC304 OC1176				X			
19320	Cummins ISC320 E	01/05->	LX1056 LX1056/1 LX1716	LXS260	OC304	KC500D			X	HX15		WFC4-REFRIG.
19320 Constellation	Cummins ISC320 E	01/05->	LX1056 LX1056/1 LX1716	LXS260	OC304 OC1176	KC122 KC127		LA652/ S	X	HX15		
22140 Turbo	MWM TD229/6	92->	LX227	LXS42/1	OC35	KX43 KX35			X			
22210	Cummins 6CT 8.3	01/88- >12/92	LX271/2	LXS43/1	OC319	KC6D			X	HX15		WFC2-REFRIG.
23210	Cummins 6BTAA	01->	LX1056 LX1056/1 LX1716	LXS260	OC320	KC113			X	HX15		
23210	MWM 6.10TCA	05/02->	LX1716	LXS260	OC35	KC437			X	HX15		AL12-DESUM.
23220	Cummins 6CTAA 8.3T	01/02->			OC1176	KC6D KC500D			X			
23250 E	Cummins Interact 6 ISBE	01/04->	LX1716	LXS260	OC502	KC440 KC500D			X			HX15-DIR. AL12-DESUM. WFC2-REFRIG.
23310 Titan	Cummins 6CTAA 8.3T	01/02->	LX1716		OC304 OC1176	KC6D			X			
24220	Cummins 6 CT Turbo	01/91- >12/00	LX971	LXS227	OC304	KC6D			X	HX15		WFC2-REFRIG.
24220, 24250, 35300, 40300	Cummins 6CT	92->	LX971		OC304	KC107	KC113		X	HX15		WFC2-REFRIG.
24250 Worker / Constellation	Cummins Interact 6 ISBE	07/03->	LX1716	LXS260	OC502	KC440 KC500D		LA652/ S	X			HX15-DIR. AL12-DESUM. WFC2-REFRIG.
24280	MAN D08	11->	LX1716	LXS260					X			
25370E Constellation	MWM NGD370	07/07->	LX1056 LX1056/1 LX1716	LXS260				LA652/ S	X			
26220	Cummins 6CTAA 8.3T	01/02->	LX1716		OC304 OC1176	KC6D			X			
26260	Cummins 6CTAA 8.3T	01/02->	LX1716		OC304 OC1176	KC6D KC500D			X			
26260 (E Worker)	MWM 6.12 TCE	12/05->	LX1716	LXS260	OC35	KC492 KC500D			X	HX15		AL12-DESUM.
26310 Titan	Cummins 6CTAA 8.3T	01/02->	LX1716		OC304 OC1176	KC6D			X			
31260 (E Worker)	MWM 6.12 TCE	12/05->	LX1716	LXS260	OC35	KC492 KC500D			X	HX15		AL12-DESUM.
31320E Constellation 6X4	Cummins ISC320 E	02/07->	LX1056 LX1056/1 LX1716	LXS260	OC1176			LA652/ S	X			
35300	Cummins 6CTAA 8.3	92->	LX971	LXS227	OC304	KC107	KC113		X	HX15		WFC2-REFRIG.
35300	Cummins 6CTAA 8.3T	04/91- >02/00	LX971	LXS227	OC304	KC6D			X	HX15		WFC2-REFRIG.
35300	Cummins 6CTAA Turbo	97->	LX971	LXS227	OC304				X	HX15		WFC2-REFRIG.
40300	Cummins 6CTAA 8.3T	03/00- >11/01	LX1716		OC304	KC6D			X	HX15		
40300	Cummins 6CTAA 8.3T	06/99- >02/00	LX971	LXS227	OC304	KC6D			X			
6.80, 7.90 P	Perkins 4236	83->	LX275	LXS5/1	OC324	KX23			X			
6.90, 7.9S, 71110	MWM D229/4	83->	LX275	LXS5/1	OC26	KX23			X			
7100, 8100, 8140	MWM 4.10 T	97->	LX910	LXS37/1	OC60	KC121/1			X			
7100, 8100,8140,8150	MWM 4.10 T	00->	LX910	LXS37/1	OC60	KC437 KC121/1			X	HX15		
7110	MWM 4.10TCA	01/02->	LX910	LXS37/1	OC60	KC437			X	HX15		AL12-DESUM.





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR									HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°	1°	2°		
<b>VOLKSWAGEN</b>												
7110S Turbo	MWM T229 GC	83->	LX265	LXS37/1	OC60		KX43 KX35		X			
7140 Álcool	V8 318.3	87->	LX236	LXS41/1			KL222 KL63		X			
8120	MWM 4.10TCA	01/00->	LX910	LXS37/1	OC60		KC437		X	HX15		AL12- DESUM.
8120 OD	MWM 4.10TCA	04/03->	LX910	LXS37/1	OC60		KC437		X	HX15		
8150	MWM 4.10TCA	01/00->	LX910	LXS37/1	OC60		KC437		X	HX15		AL12- DESUM.
8150 Delivery	MWM 4.08 TCE Euro III	07/05->	LX910	LXS37/1	OC404		KL422 KC500D		X	HX15		
8150 E	Cummins Interact 4 ISBE	01/03->	LX910	LXS37/1	OC502		KC440 KC500D		X			HX15-DIR. AL12- DESUM.
8150 EOD	MWM 4.12 TCAE	04/04->	LX910	LXS37/1	OC60		KC492		X	HX15		AL12- DESUM.
8150 OD	MWM 4.10TCA	04/03->	LX910	LXS37/1	OC60		KC437		X	HX15		
85HU9155A, COM FURO, SEM SENSOR							KC130		X			
85TU9B64C, COM FURO, SEM SENSOR							KC131		X			
9150 E	Cummins Interact 4 ISBE	01/03->	LX910	LXS37/1	OC502		KC440 KC500D		X			HX15-DIR. AL12- DESUM.
9150 EOD	MWM 4.12 TCAE	04/04->	LX910	LXS37/1	OC60		KC492		X	HX15		AL12- DESUM.
9150 OD	MWM 4.10 TCA	11/00->	LX910		OC35				X	HX15		
9150 OD	MWM 4.12 TCA	04/03->	LX910	LXS37/1	OC60		KC437		X	HX15		
940 Turbo - Chrysler		->81	LX1065						X			
Amarok	2.0L TDI e TBDI (CDBA / CDCA)	10->	LX3234		OX388D				LA907			
Apolo GL - GLS	1.8 AP	90->	LX906		OC47 OC522 PLUS		KL222 KL63		X			
Bora	2.0 8V Gasolina	10/98->	LX684		OC1241		KL79		LA31			
Bora	2.0L (1J2, 1J6) - AQY, AZH	01/00->	LX684		OC522 PLUS		KL79 KL79/3		LAK63			
Bora Aut./Mec.	2.0 8V Flex	2007-> >2011			OC1241							
Bora I	1.6 (1J2, 1J6) - AEH	10/98->	LX684		OC1241		KL79		LA31			
Bora I	1.8 (1J2, 1J6) - AGN	10/98->	LX684		OC1241		KL79		LA31			
Bora I	1.8T 20V (1J2, 1J6) - AGU/AGZ/ ARX/AUM	10/00->	LX684		OC1241		KL79		LA31			
Bora Mec.	1.6 8V AEH	1998			OC1241							
Bora Mec.	1.8 16V AGN	1998-> >2000			OC1241							
Bora (Comfortline) Aut./Mec.	2.0 8V (AQY/AZH)	1999-> >2007			OC1241							
Brasília, Fusca Álcool (Dupla carburacão)	VW 1300	80->	LX901				KL63 KL222 <sup>(2)</sup>		X			
Brasília, Kombi (Carburacão Simples)	VW 1300	->74	LX963				KL63 KL222 <sup>(2)</sup>		X			
Brasília, Kombi, Fusca (Dupla carburacão)	VW 1300/1500/1600	->78	LX904/1				KL63 KL222		X			
Brasília, Kombi, Fusca (Dupla carburacão)	VW 1600	79->82	LX900/1				KL63 KL222 <sup>(2)</sup>		X			
Caminhões (13.190/ 15.190/ 17.190/ 17.260/ 24.260/ 26.260/ 31.260)	MAN D08 4cil.				OX1025D							
Caravelle/ Euro Van	2.4L Diesel	98->					KL75		X			
Chassis Micro 17.110	MWM D229/4	92	LX275	LXS5/1	OC26		KX43 KX35		X			
Corrado	1.8 16V - KR	04/89-> >07/92			OC1241				X			
Corrado	2.0i - ADY	04/93-> >12/95			OC1241				X			
Corrado	2.0i 16V - 9A	08/91-> >12/95			OC1241				X			
Cross Fox GPR	1.6 Flex	09/06->	LX977		OC250 OC522 PLUS		KL635		LA120			





(1) Tipo Exportação

(2) Opcional

(3) Com Ar

(4) Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>VOLKSWAGEN</b>											
D 100 Gasolina - LA 318		->75	LX1065						X		
D 400 Gasolina - LA318		->75	LX1065						X		
D100, D400	Perkins 4236	70->81			OC324	KL63 KL222 <sup>(2)</sup>			X		
D400, P400, P700, P900	PERKINS 4236	70->81			OC324	KX23			X		
D700, D700DI, D750, D900	PERKINS 6357	75->81	LX973		OX200D	KX23			X		
D700, D900	PERKINS 6354	77->81	LX236	LXS41/1	OC308	KX23			X		
D950	MWM D225/6	75->78			OC60	KX43 KX35			X		
D950S, D1400TD	Alcool	81->85	LX265	LXS37/1		KL222 KL63			X		
D950S, D1400TD	MWM D229/6	79->81	LX973		OC60	KX43 KX35			X		
Dedalus	MWM 4.08 TCE	2005->				KL422			X		
EOS	2.0 16V TFSI GASOLINA (1F7, 1F8) CCZB	05/06->11/10			OC1022						
Fox	1.6	03->	LX1779		OC250 OC522 PLUS	KL237		LA120			
Fox Cross/GPR	1.6L 8v	09/06->03/08	LX977		OC250 OC522 PLUS	KL635		LA120			
Fox Cross/GPR	1.6L 8v	04/08->	LX998		OC250 OC522 PLUS	KL635		LA120			
Fox Total Flex	1.0L 8v	03->	LX1779		OC250 OC522 PLUS	KL635		LA120			
Fox Total Flex	1.0L VHT	08->	LX1779		OC250 OC522 PLUS			LA120			
Fox Total Flex	1.6L 8v	04/08->	LX998		OC250 OC522 PLUS	KL635 KL237		LA120			
Fox Total Flex	1.6L 8v	01/04->03/08	LX977		OC250 OC522 PLUS	KL635 KL237		LA120			
Fox (Gasolina)	1.0L 8v	10/03->	LX1779		OC250 OC522 PLUS	KL237		LA120			
Fox (Total Flex)	1.0 12V EA211 Flex (Bluemotion)	06/13->				KL583 (Plus)		LA109 8			
Fusca (Dupla carburação)	VW 1600	93->	LX901			KL222 KL63		X			
Fusca, K.guia (Carburação Simples)	VW 1200, 1300, 1500 Gasolina	62->86	LX903/1			KL63 KL222		X			
Gol	1.0 8V AT	01->04	LX1779		OC250 OC522 PLUS	KL237		LA591			
Gol	1.0 Carburado	95->96	LX909		OC300 OC506 PLUS	KL222 KL63		LA591			
Gol	1.6 16V	96->			OC47 OC522 PLUS	KL237		LA591			
Gol	1.6 CHT	90->95	LX906		OC300 OC506 PLUS	KL222 KL63		LA591			
Gol	1.6, 1.8 AP	97->	LX909		OC47 OC522 PLUS	KL237		LA591			
Gol	1.6, 1.8, 2.0 Carburado	86->95	LX208/1		OC47 OC522 PLUS	KL222		LA591			
Gol	2.0 MPFi	95->97	LX909		OC47 OC522 PLUS	KL2		LA591			
Gol AP EFI	2.0L 16V	01/95->12/00			OC47 OC522 PLUS	KL237		LA591			
Gol CFI	1.6, 1.8	95->96	LX208/1		OC47 OC522 PLUS	KL2		LA591			





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>VOLKSWAGEN</b>											
Gol CFI (Gasolina)	1.6 AP	01/94->12/96	LX208/1		OC47 OC522 PLUS		KL223/1		LA591		
Gol CFI (Gasolina)	1.8L AP	01/94->12/96	LX208/1		OC47 OC522 PLUS		KL223/1		LA591		
Gol G4 (Total Flex)	1.0 8V	05->	LX1779		OC250		KL635 KL583 (Plus)		LA591		
Gol G5 (Total Flex)	1.0L 8v VHT	03/08->	LX1779		OC250 OC522 PLUS		KL583 (Plus)		LA120		
Gol G5 (Total Flex)	1.6L 8v	03/08->	LX998		OC250 OC522 PLUS		KL583 (Plus)		LA120		
Gol G6 (Total Flex)	1.0L 8v	13->	LX1779		OC250 OC522 PLUS		KL583 (Plus)		LA109 8		
Gol G6 (Total Flex)	1.6L 8v	13->	LX998		OC250 OC522 PLUS		KL583 (Plus)		LA109 8		
Gol GT	2.0 EFI	95->	LX909		OC47 OC522 PLUS				LA591		
Gol GTI	2.0 16v	96->	LX684		OC47 OC522 PLUS		KL237		LA591		
Gol GTI	2.0 AP EFI Gas.	01/96->12/02	LX684		OC47 OC522 PLUS		KL237		LA591		
Gol GTI (Injeção Eletrônica)	AP 2000 MPFI	89->96	LX906		OC47 OC522 PLUS		KL2		LA591		
Gol Plus	1.0 CFI	95->96	LX909		OC300 OC506 PLUS		KL223/1		LA591		
Gol Power	1.0L 16V MI	01->	LX977		OC250 OC522 PLUS		KL237		LA591		
Gol (Álcool)	1.0 8V AT	01/98->	LX208/1		OC250 OC522 PLUS		KL774		LA591		
Gol (Álcool)	1.6 AP	01/94->			OC47 OC522 PLUS		KL774		LA591		
Gol (Álcool)	1.6L AP	01/02->12/06	LX909		OC47 OC522 PLUS		KL635		LA591		
Gol (Álcool)	1.8 AP CFI	01/94->12/97			OC47 OC522 PLUS		KL774		LA591		
Gol (Álcool)	1.8 AP EFI	01/97->12/98			OC47 OC522 PLUS		KL774		LA591		
Gol (Álcool)	2.0 AP	01/94->12/97			OC47 OC522 PLUS		KL774		LA591		
Gol (Gasolina)	1.0L 16V AT	01/02->12/06	LX1779		OC250 OC522 PLUS		KL237		LA591		
Gol (Gasolina)	1.0L 16V AT	01/97->12/01	LX906		OC250 OC522 PLUS		KL237		LA591		
Gol (Gasolina)	1.0L 16V AT Turbo	01/02->12/04	LX906		OC250 OC522 PLUS		KL237		LA591		
Gol (Gasolina)	1.0L 8V AT	01/96->	LX208/1		OC250 OC522 PLUS		KL223/1 KL237		LA591		
Gol (Gasolina)	1.0L AT Power	01/02->	LX1779		OC250 OC522 PLUS		KL237		LA591		
Gol (Gasolina)	1.6L AP	01/96->	LX906		OC47 OC522 PLUS		KL237		LA591		





(1) Tipo Exportação

(2) Opcional

(3) Com Ar

(4) Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>VOLKSWAGEN</b>											
Gol (Gasolina)	1.8L AP	01/96->12/02	LX906		OC47 OC522 PLUS		KL237		LA591		
Gol (Gasolina)	1.8L AP	01/04->	LX906		OC47 OC522 PLUS		KL237		LA591		
Gol (Gasolina)	2.0L AP	01/94->12/01	LX906		OC47 OC522 PLUS		KL223/1		LA591		
Gol (Total Flex)	1.6L AP	01/03->	LX909		OC47 OC522 PLUS		KL635		LA591		
Golf	1.6	01->			OC250 OC522 PLUS				LA13->93 LA31 93->		
Golf	1.6L 8v Importado	01/99->12/01	LX684		OC522 PLUS		KL79 KL79/3		LAK63		
Golf	1.8L 20v Turbo	01/98->12/01	LX684				KL79 KL79/3		LAK63		
Golf	2.0L Gasolina	01/99->	LX684		OC522 PLUS		KL79 KL79/3		LAK63		
Golf	2.0L Total Flex	03/07->	LX684		OC1241 OC522 PLUS				LAK63		
Golf	2.8 VR6	96->98	LX405				KL2		LA13->93 LA31 93->		
Golf GL-GLX	1.6, 1.8, 2.0	93->98	LX405		OC47 OC522 PLUS		KL2		LA13->93 LA31 93->		
Golf III	1.8 - AAM	11/91->04/99			OC1241				LA13->93 LA31 93->		
Golf III	1.8 - ABS/ADZ	11/91->04/99			OC1241				LA13->93 LA31 93->		
Golf III	1.8/2.0	95->	LX405		OC1241		KL2		LA13->93 LA31 93->		
Golf III	2.0 GTI 16V - ABF	08/92->07/97			OC1241				LA13->93 LA31 93->		
Golf III	2.0 i, GTI - 2E, AGG, ABA, AKR	11/91->07/97			OC1241				LA13->93 LA31 93->		
Golf III, Vento	1.4/1.6/1.8/1.9/2.0/2.8 VR6	->7/93							LA13->93 LA31 93->		
Golf III, Vento	1.6/1.8/2.0/2.0 16V	08/93->09/97							LA13->93 LA31 93->		
Golf Importado	1.6/1.8/1.8T/2.0	94->98	LX684				KL2		LA13->93 LA31 93->		
Golf IV	1.6 AEH/ AKL	08/97->	LX684		OC1241		KL79		LA13->93 LA31 93->		
Golf IV	1.8 - AGN	08/97->	LX684		OC1241		KL79		LA13->93 LA31 93->		
Golf IV	1.8 - EA113	98->05/01	LX684		OC1241		KL79		LA13->93 LA31 93->		





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>VOLKSWAGEN</b>											
Golf IV	1.8 Turbo		LX684			KL79			LA13->93 LA31 93->		
Golf IV	1.8 Turbo - AGU, ARZ, AUM	08/97->	LX684		OC1241	KL79			LA13->93 LA31 93->		
Golf IV	1.8 Turbo - AUQ	09/01->	LX684		OC1241	KL79			LA13->93 LA31 93->		
Golf IV	2.0 - APK, AEY, AQY, BEH	06/98->	LX684		OC1241	KL79			LA13->93 LA31 93->		
Golf IV	2.0 8V - EA113	01/98->05/01	LX684		OC1241	KL79			LA13->93 LA31 93->		
Golf VR6	2.8	96->98	LX405						LA13->93 LA31 93->		
Golf (G3-MI) Mec.	1.6 8V Importado AFT	1994->1997			OC1241						
Golf (nacional)	1.6 8V - EA113	01/98->05/01	LX684		OC1241	KL79			LA13->93 LA31 93->		
Golf (nacional)	1.6 8V e 16V - EA111	06/01->	LX977		OC250 OC522 PLUS	KL176-6D			LA13->93 LA31 93->		
Golf (nacional)	1.8 / 2.0	06/01->	LX977		OC47 OC522 PLUS				LA13->93 LA31 93->		
Golf (Nacional)	2.0 - EA111	06/01->	LX977						LA13->93 LA31 93->		
Gol, Parati	1.0 16V AT	97->	LX909		OC250 OC522 PLUS	KL237			LA591		
Gol, Parati	1.0 16V Mi	05->	LX977		OC250 OC522 PLUS	KL237			LA591		
Gol, Parati	1.0 16V Turbo	00->	LX909			KL237			LA591		
Gol, Parati	1.0 8V Mi	05->	LX1779		OC250 OC522 PLUS	KL237			LA591		
Gol, Parati Power	1.0 16V AT MI		LX977		OC250	KL237			LA591		
Gol, Parati, Saveiro	1.6 Total Flex	03->	LX909		OC47 OC522 PLUS	KL635			LA591		
Gol, Parati, Saveiro	1.6 / 1.8 AP	97->	LX909		OC47 OC522 PLUS	KL237			LA591		
Gol, Saveiro	1.6 / 1.8	95->96	LX208/1		OC47 OC522 PLUS	KL223/1			LA591		
Gol, Saveiro (Refrigerado a ar)	VW 1300, 1600	->84	LX900/1			KL63 KL222 <sup>(2)</sup>		X			
Gol, Saveiro, Parati, Passat, Voyage	AP1600, AP1800, AP2000	85->94	LX208/1		OC47 OC522 PLUS	KL222 KL63		X			
Gol, Saveiro, Parati, Voyage	AE1000, AE1600	90->95	LX906		OC300 OC506 PLUS	KL222 KL63		X			
Jetta	1.8	85->	LX296		OC1241						
Jetta	2.5L 5cil. 20v (150 e 170cv)	09/06->	LX2093		OX379D	KL156/3			LAK18 1		
Jetta III	2.0 TURBO FSI (1K2) (BWA, BPY, CAWB, CCTA)	09/05->10/10			OC1022						





(1) Tipo Exportação

(2) Opcional

(3) Com Ar

(4) Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>VOLKSWAGEN</b>											
Jetta (Comfortline)	2.0 8V Total Flex	2010->									
Kombi	1.4 Total Flex	05->	<b>LX960</b>						X		
Kombi	1.8 AP	96->							X		
Kombi	VW 1600 AR	83->95	<b>LX272</b>						X		
Kombi	VW 1600 MPFI	97->	<b>LX960</b>						X		
Kombi Diesel	VW 1600	82->	<b>LX200</b> <b>LX200/1</b>	<b>LXS40/1</b>	<b>OC324</b>				X		
Kombi EFI (Álcool) Refrig. Ar	1.6L	01/98- >12/05	<b>LX960</b>						X		
Kombi EFI (Gasolina)	1.6L	01/98- >12/05	<b>LX960</b>						X		
L80 - Série 8t	MWM 4.10T	01/96- >12/97							X		
Logus	1.6 AE Carburado	93->	<b>LX202</b>						X		
Logus	1.6 AE Carburado	01/92- >12/94	<b>LX202</b>						X		
Logus	1.6 AP CFI Alcool	01/95- >12/96							X		
Logus	1.6L AP Gasolina	01/94- >12/96	<b>LX906</b>						X		
Logus	1.8 AP Alcool	01/92- >12/96							X		
Logus	1.8 AP Gasolina	01/92- >12/94							X		
Logus	1.8L AP Gasolina	01/94- >12/96	<b>LX906</b>						X		
Logus	2.0 AP Carburado	01/92- >12/94	<b>LX906</b>						X		
Logus	2.0 AP EFI Alcool	01/94- >12/96							X		
Logus	2.0 AP EFI Gasolina	01/92- >12/96							X		
Logus	AP2000i Injeção	93->	<b>LX906</b>						X		
New Beetle	2.0	98->	<b>LX684</b>							<b>LA31</b>	
New Beetle	2.0	09/01->								<b>KL176-6D</b>	<b>LA31</b>
New Beetle / New Beetle Cabrio	2.0L 8v - AEG, APK, AQY, AZJ	01/99->	<b>LX684</b>							<b>KL79</b> <b>KL79/3</b>	<b>LAK63</b>
Padron 16180	MWM 6.10T	92	<b>LX265</b>	<b>LXS37/1</b>	<b>OC35</b>				X		
Parati Multipoint (Gasolina)	2.0L 16V AP	02/96- >07/00								<b>KL237</b>	<b>LA591</b>
Parati (Álcool)	1.6 AP CFI	01/95- >12/97								<b>KL774</b>	<b>LA605</b>
Parati (Alcool)	1.6 AP EFI	01/97- >12/06								<b>KL774</b>	<b>LA605</b>
Parati (Álcool)	1.6L AP	06/02- >12/06	<b>LX909</b>							<b>KL635</b>	<b>LA591</b>
Parati (Álcool)	1.8 AP CFI	01/95- >12/97								<b>KL774</b>	<b>LA605</b>
Parati (Alcool)	1.8 AP EFI	01/97- >12/98								<b>KL774</b>	<b>LA605</b>





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>VOLKSWAGEN</b>											
Parati (Alcool)	2.0 AP EFI	01/95- >12/98			OC47 OC522 PLUS		KL774		LA605		
Parati (Gasolina)	1.0L 16V AT	01/02- >12/06	LX1779		OC250 OC522 PLUS		KL237		LA591		
Parati (Gasolina)	1.0L 16v AT	01/97- >12/04	LX906		OC250 OC522 PLUS		KL237		LA591		
Parati (Gasolina)	1.0L 16V AT Power	01/97- >12/02	LX1779		OC250 OC522 PLUS		KL237		LA591		
Parati (Gasolina)	1.0L 16v Turbo	01/00- >05/02	LX906		OC250 OC522 PLUS		KL237		LA591		
Parati (Gasolina)	1.6L AP	01/95- >12/96	LX208/1		OC47 OC522 PLUS		KL223/1		LA591		
Parati (Gasolina)	1.6L AP	01/96->	LX906		OC47 OC522 PLUS		KL237		LA591		
Parati (Gasolina)	1.8L AP	01/95- >12/96	LX208/1		OC47 OC522 PLUS		KL223/1		LA591		
Parati (Gasolina)	1.8L AP	01/97->	LX906		OC47 OC522 PLUS		KL237		LA591		
Parati (Gasolina)	2.0L AP	01/95->	LX906		OC47 OC522 PLUS		KL237 KL223/1		LA591		
Parati (Total Flex)	1.6L AP	11/06->	LX909		OC47 OC522 PLUS		KL635		LA591		
Parati (Total Flex)	1.8L AP	01/05->	LX909		OC47 OC522 PLUS		KL635		LA591		
Passat	1.8E, 2.0E, 2.0 16V, VR6	08/94- >09/96							LA44		
Passat	2.0 16V TFSI (AXX, BWA, CAWB, CBFA, CCTA, CCZA)	03/05- >11/10			OC1022						
Passat	2.0 16V TSI (CCZB)	11/10->			OC1022						
Passat	3.2L V6 (AXZ)	06->			OX188D						
Passat	3.6L FSI (BWS)	09/07->			OX188D						
Passat (3A2/5, 35I)	2.0 16V - ABF	01/94- >05/97			OC1241				LA44		
Passat (3A2/5, 35I)	2.0 16V GT - 9A	08/88- >09/93			OC1241				X		
Passat (3B2/3B5)	1.8 20V Turbo - AEB, ANB, APU	10/96- >12/00	LX448		OC1241				LA45		
Passat (3B3/3B6)	1.8 20V Turbo - AWT	11/00- >09/05	LX448		OC1241				LA45		
Passat (3B3/3B6)	2.0 16V - AZM	11/00- >09/05	LX448		OC1241				LA45		
Passat/Variant	1.8/1.8T/2.0T	98->	LX448		OC47 OC522 PLUS		KL2		LA31		
Passat/Variant	VR6 2.8L	98->00	LX448				KL2		LA31		
Passat/Variant	VR6 2.8L	97					KL2		LA31		
Passat/Variant	VR6 2.8L	->95					KL2		LA31		
Passat/Variant L	2.0	95->97			OC47 OC522 PLUS		KL2		LA31		
Pointer	1.6 Carburado	01/92- >12/94					KL774		X		
Pointer	1.8 AP	01/93- >12/94			OC47 OC522 PLUS		KL774		X		
Pointer	1.8 AP CFI Alcool	01/93- >12/94			OC47 OC522 PLUS		KL774		X		
Pointer	2.0 AP Carburado	01/93- >12/94			OC47 OC522 PLUS		KL774		X		





(1) Tipo Exportação

(2) Opcional

(3) Com Ar

(4) Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>VOLKSWAGEN</b>											
Pointer	2.0 AP Carburado	01/94- >12/96			OC47 OC522 PLUS		KL774		X		
Pointer	AP1800, AP2000	93->	LX906		OC47 OC522 PLUS		KL2		X		
Pointer AP CFI (gasolina)	1.8L	01/94- >12/96	LX906		OC47 OC522 PLUS		KL223/1		X		
Pointer AP EFI (gasolina)	2.0L	06/94- >12/96	LX906		OC47 OC522 PLUS		KL223/1		X		
Pointer GTI	AP2000	93->	LX906		OC47 OC522 PLUS		KL2		X		
Polo	1.0 16V (ARA)	01/02- >12/05	LX977		OC250 OC522 PLUS		KL176- 6D			LA120	
Polo	1.4	03/02->	LX977		OC250 OC522 PLUS					LA120	
Polo	1.6 8V	03/02->	LX977		OC250 OC522 PLUS		KL583 (Plus) KL84			LA120	
Polo	1.6 8V Total Flex (BPA)	11/04- >12/07	LX977		OC250 OC522 PLUS		KL583 (Plus)			LA120	
Polo Classic	1.8 AP (MY6 / MY5)	06/98- >12/03	LX418		OC47 OC522 PLUS		KL583 (Plus) KL84			LA31	
Polo Classic CD	1.8 AP (MJ2)	12/96- >05/98	LX418		OC47 OC522 PLUS		KL60			LA31	
Polo GTI Turbo	1.8 20V Turbo (BJX)	01/06->	LX708		OC1241 OC522 PLUS					LA120	
Polo III (6N2/KV2+5)	1.6 - AUR	10/99- >11/01			OC522 PLUS		KL583 (Plus)			LA120	
Polo IV	1.6 8V (BAH)	01/02- >12/06	LX977		OC250 OC522 PLUS		KL176- 6D			LA120	
Polo Total Flex	1.6L 8v	05/08->	LX998		OC250 OC522 PLUS		KL583 (Plus)			LA120	
Polo (Hatch/Sedan)	2.0 8V (BBX)	01/02- >07/06	LX708 LX709		OC1241 OC522 PLUS					LA120	
Porsche 911	2.7		LX228						X		
Quantum	1.6 AP CFI Alcool	01/94- >12/97			OC47 OC522 PLUS		KL774		X		
Quantum	1.8 AP EFI Alcool	01/97- >12/01			OC47 OC522 PLUS		KL774		X		
Quantum	2.0 AP EFI Alcool	01/94- >12/01			OC47 OC522 PLUS		KL774		X		
Santana	1.8 AP CFI Alcool	01/94- >12/97			OC47 OC522 PLUS		KL774		X		
Santana	2.0 AP EFI Alcool	01/94- >12/06			OC47 OC522 PLUS		KL774		X		
Santana, Quantum	1.8 carburado	84->94	LX208/1		OC47 OC522 PLUS		KL2 KL222		X		
Santana, Quantum	2.0 carburado	90->94	LX906		OC47 OC522 PLUS				X		
Santana, Quantum	2.0 Injeção Bosch EFI 4 injetores - gasolina	90->94	LX906		OC47 OC522 PLUS		KL2		X		
Santana, Quantum	Todos Injeção Marelli CFI 1injeter - gasolina	93->96			OC47 OC522 PLUS		KL223/1		X		





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR							HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°				
<b>VOLKSWAGEN</b>										
Santana, Quantum	Todos Injeção Marelli MI 4 injetores - gasolina	94->	LX906		OC47 OC522 PLUS	KL237		X		
Santana, Quantum (Gasolina)	1.8L AP	01/93->12/96	LX208/1		OC47 OC522 PLUS	KL223/1		X		
Santana, Quantum (Gasolina)	1.8L AP	01/96->12/01	LX906		OC47 OC522 PLUS	KL237		X		
Santana, Quantum (Gasolina)	2.0L AP	01/93->09/96	LX906		OC47 OC522 PLUS	KL223/1		X		
Santana, Quantum (Gasolina)	2.0L AP	10/96->12/01	LX906		OC47 OC522 PLUS	KL237		X		
Saveiro	2.0	98->	LX909		OC47 OC522 PLUS			LA605		
Saveiro G5 (Total Flex)	1.6L 8v	01/10->	LX998		OC250 OC522 PLUS	KL583 (Plus)		LA120		
Saveiro G6 (Total Flex)	1.6L 8v	13->	LX998		OC250 OC522 PLUS	KL583 (Plus)		LA109 8		
Saveiro (Álcool)	1.6 AP EFI	01/97->12/06			OC47 OC522 PLUS	KL774		LA605		
Saveiro (Álcool)	2.0 AP	01/97->			OC47 OC522 PLUS	KL774		LA605		
Saveiro (Gasolina)	1.6L AP	01/98->	LX906		OC47 OC522 PLUS	KL237		LA591		
Saveiro (Gasolina)	1.6L EFI	01/96->12/97	LX906		OC47 OC522 PLUS	KL237 KL237/1		LA605		
Saveiro (Gasolina)	1.8L AP	01/96->	LX906		OC47 OC522 PLUS	KL237		LA591 LA605		
Saveiro (Gasolina)	2.0L AP	01/96->12/02	LX906		OC47 OC522 PLUS	KL237		LA591		
Saveiro (Total Flex)	1.8L AP	01/03->	LX909		OC47 OC522 PLUS	KL635		LA591		
Saveiro (Total Flex)	2.0L AP	01/02->12/05	LX906		OC47 OC522 PLUS	KL237		LA591		
Sp2, TC, TL, Variant, Variant II	VW 1600	75->81				KL63 KL222 <sup>(2)</sup>		LA605		
SpaceFox Total Flex	1.6L 8v	01/06->03/08	LX977		OC250 OC522 PLUS	KL635		LA120		
SpaceFox Total Flex	1.6L 8v	04/08->	LX998		OC250 OC522 PLUS	KL635		LA120		
Tiguan	2.0 16V TSI (5N) (CAWB, CCTA, CCZA)	11/07->			OC1022					
Touareg	3.2L V6	04->07						LA907		
Touareg	3.6L V6 FSI	07->						LA907		
Touareg	4.2L V8	03->						LA907		
Touareg	4.2L V8 FSI	06->						LA907		
Transporter/ Bus (T4)	2.0 (T4, 70) - AAC	07/90->06/03			OC1241			X		
Up!	1.0 12v EA211 Total Flex	13->				KL583 (Plus)		LA110 1		
Van	1.6	99->	LX418		OC47 OC522 PLUS	KL60 KL60/2		X		
Van LT2C	MWM Sprint 4.07TCA				OC404			X		
Vento	1.8 - AAM	11/91->10/98			OC1241			LA13->93 LA31 93->		





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APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>VOLKSWAGEN</b>											
Vento	1.8 - ABS/ADZ	11/91- >10/98			OC1241				LA13- >93 LA31 93->		
Vento	1.8/2.0	95->	LX405						LA13- >93 LA31 93->		
Vento	2.0 - AGG, ABA, AKR, 2SE	11/91- >10/98			OC1241				LA13- >93 LA31 93->		
Vento	2.0 16V - ABF	01/92- >10/98			OC1241				LA13- >93 LA31 93->		
Vento VR6	2.8/2.9		LX405						LA13- >93 LA31 93->		
Voyage Total Flex	1.0L 8v VHT	09/08->	LX1779		OC250 OC522 PLUS		KL583 (Plus)		LA120		
Voyage Total Flex	1.6L 8v	09/08->	LX998		OC250 OC522 PLUS				LA120		
VW7100	MWM 410	94->96	LX910	LXS37/1			KC18	KC18	X		
VW8140	MWM 410	94->96	LX910	LXS37/1			KC18		X		
<b>VOLVO</b>											
240	2.3 Turbo Inj.	88->90			OC18				X		
240		11/78->			OC18		KL63 KL222 <sup>(2)</sup>		X		
240 B21ET	Turbo	82->90			OC18				X		
240 B230F (DL/GL)	2.3L 2316cc L4	09/84- >08/93	LX59		OC18				X		
240 D20/D24	Diesel	79->			OC324		KC18		X		
260 B27A	V6	74->			OC18		KL63 KL222 <sup>(2)</sup>		X		
260 B27E	V6	74->			OC18				X		
260 B28E	V6	74->			OC18				X		
340 B14/B14E/ B17		5/84- >10/91					KL63 KL222 <sup>(2)</sup>		X		
340 B19A/B200K		81->			OC18				X		
360 B19A		76- >4/84			OC18				X		
360 B19E		79- >4/84			OC18				X		
360 B200K		9/82- >5/89			OC18				X		
4300	TD 42	01/77- >10/82	LX265	LXS37/1			KX23		X		
440	1.9 Turbo Diesel	6/94->					KX23		X		
460	1.9 Turbo Diesel	9/94->					KX23		X		
520C	Deutz F4L 1011F (41)56	01/97->	LX1687/1	LXS259			KX24		X		
740/760 D24	Diesel	8/86- >9/90			OC18				X		
740/760 T24D	Diesel	8/86- >9/90			OC308				X		
780 B20E Automatico	2.0		LX414						X		
780 B28E	2.8 V6	89->	LX414						X		
850	2.0 (B 5204 F)	04/92- >12/96			OC204						





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>VOLVO</b>											
850	2.3 T5-R (B 5234 FT+)	08/95->12/96			OC204						
850	2.3 T5 (B 5234 FT)	08/93->07/96			OC204						
850 4WD	2.5 (B 5254 T)	04/96->12/96			OC204						
940 D24T	Turbo Diesel	10/90->8/94			OC308				X		
940 (944)	2.0 (B 200 F)	01/92->07/94			OC204						
940 (944)	2.3 (B 230 FB)	08/90->12/94			OC204						
940 (944)	2.3 (B 230 FD)	08/92->07/94			OC204						
960 3.0 (964)	B 6304 F	08/90->07/94			OC204						
A25	Cummins 6CTA-8.3		LX241	LXS43/1	OC319		KC113		X		
A25D (4x4 - 6x6) / A30D	D9B	03->07	LX3605						X		WFC26
A25D / A30D	D10B	2001	LX3605						X		WFC26
A30	TD102	90->96	LX3605						X		WFC26
A30C	TD103	96->97	LX3605						X		
A30C	TD104	97->01	LX3605						X		
A30D	D9A	2004	LX3605						X		
A30D	D9B	2003->2007									WFC26
A30E	D9B	2007	LX3605						X		
AQAD 40/40B, AQD 40/40A, MD40A, TMD40A			LX59								
B10 EDC (6x2)	Volvo DH 10A320	97->	LX93		OC121 OC282(By Pass)		KC75 KC124		X	HX15	
B10M 340 EDC	Volvo DH10A340	01/98->	LX93	LXS7233	OC121 OC282(By Pass)		KC75 KC123/1		X	HX15	AL12- DESUM.
B10M ECO Articulado Automático	Volvo THD102KF	01/97->	LX93	LXS7233	OC121 OC282(By Pass)		KC75 KC123/1		X	HX15	AL12- DESUM.
B10M EDC (4x2)	Volvo DH 10A320	97->	LX93		OC121 OC282(By Pass)		KC75 KC124		X	HX15	AL12- DESUM.
B10M (4x2) - (6x2)	Volvo THD101KC	87->	LX93	LXS7233	OC121 OC282(By Pass)		KC75 KC123/1		X	HX15	AL12- DESUM.
B10M245EDC Urbano Manual / Bi-Articulado	Volvo DH10A245	01/98->	LX93	LXS7233	OC121 OC282(By Pass)		KC75 KC123/1		X	HX15	AL12- DESUM.
B10M285EDC / Articulado/ Bi-Articulado Automático	Volvo DH10A285	01/98->	LX93	LXS7233	OC121 OC282(By Pass)		KC75 KC123/1		X	HX15	AL12- DESUM.
B10M310 (6x2) - (4x2)	Volvo THD 101KC	98->	LX93	LXS7233	OC121 OC282(By Pass)		KC75 KC123/1		X	HX15	AL12- DESUM.
B10M, 58 Intercooler	THD 101KL	93->	LX93		OC121 OC282(By Pass)		KC24 KC6D		X		AL12- DESUM.
B10R	Volvo THD100D / THD102KF	06/78->09/92	LX93	LXS7233	OC121 OC282(By Pass)		KC75 KC123/1		X	HX15	AL12- DESUM.
B12 / B12B	Volvo TD122FL	95->	LX1098 LX1098/1	LXS7233	OC121 OC282(By Pass)		KC75 KC123/1		X	HX15	AL12- DESUM.
B12360	Volvo TD122FH	95->	LX1098 LX1098/1	LXS7233	OC121 OC282(By Pass)		KC75 KC123/1		X	HX15	AL12- DESUM.
B12M 340 (Articulado)	DH12D340	01/04->	LX1055	LXS7231	OC121 OC282(By Pass)		KC251		X	HX15	AL12- DESUM. WFC26
B12M 340 (Bi-Articulado)	DH12D340	01/04->	LX1055	LXS7231	OC121 OC282(By Pass)		KC251		X	HX15	AL12- DESUM. WFC26
B12M340, B12R340, B12R380, B12R420, B7R230, B7R260, NL10280, NL10310, NL10320, NL10340			LX1055 LX1055/1	LXS7231					X		WFC26





(1) Tipo Exportação

(2) Opcional

(3) Com Ar

(4) Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR									HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°	1°	2°		
<b>VOLVO</b>												
B12R 340	D12D340	01/03->	LX1055	LXS7231	OC121 OC282(By Pass)		KC251		X		HX15	AL12- DESUM. WFC26
B12R 380	D12D380	01/03->	LX1055	LXS7231	OC121 OC282(By Pass)		KC251		X		HX15	AL12- DESUM. WFC26
B12R 420	D12D420	01/03->	LX1055	LXS7231	OC121 OC282(By Pass)		KC251		X		HX15	AL12- DESUM. WFC26
B58	Volvo THD 101GD	97->	LX93		OC121 OC282(By Pass)		KC24 KC6D		X		HX15	AL12- DESUM.
B58 ECO Automático	Volvo THD 102 KF	97->	LX93		OC121 OC282(By Pass)		KC24		X		HX15	
B58 (Articulado/Bi-Articulado)	THD101GC-GD-KB	01/89->	LX93	LXS7233	OC121 OC282(By Pass)		KC24 KX89/2D		X		HX15	AL12- DESUM.
B58 (Eco/Articulado)	THD102KF	01/89->	LX93	LXS7233	OC121 OC282(By Pass)		KC24 KX89/2D		X		HX15	AL12- DESUM.
B58E Bi-Articulado/ B58 ECO	Volvo THD 101KB	97->	LX93		OC121 OC282(By Pass)		KC24		X		HX15	
B58, 58E Urbanos, rodoviários e articulados	THD 100D-100E	80->			OC30		KC24 KC6D		X			
B59T	THD100A	03/71- >09/72	LX93	LXS7233	OC121		KC24 KX89/2D		X		HX15	
B7R	D7B 260		LX1070	LXS261			KC123/1		X			
B7R 230	Volvo D7B 230	98->	LX1055 LX1055/1	LXS7231	OC121 OC282(By Pass)		KC75 KC123/1	KC124	X			AL12- DESUM.
B7R 285	Volvo D7A 285	98->	LX1055 LX1055/1	LXS7231	OC121 OC282(By Pass)		KC75 KC123/1	KC124	X			AL12- DESUM.
B7R Rodoviário	D7A 285	08/02->	LX1070	LXS261	OC121		KC75		X			AL12- DESUM.
B7R Urbano	D7B 230/ D7B260	08/02->	LX1070	LXS261	OC121		KC75		X			AL12- DESUM.
B7R, B7RLE	D7E-290 Euro 4/5	09/06->			OX1026D							
C30 Aut.	2.0 (B4204 S3)	2007->			OC466							
C70 (Cabriolet/Coupé) Aut.	2.3 20V (B5234T3)	01->02									LA103 5	
Caminhão - N10 / NL10 / N12 / NL12 (todos)											LA656	
Caminhão NH - (todos)	D12C / D12D		LX1281	LXS282							LA138	
Champ. 710 Motoniveladora	Cummins 5.9 B						KC6D		X			
EC330B	D10B		LX3605						X			WFC26
EC330C (L)	D12D	2011	LX3605						X			WFC26
EC360B	D10B		LX3605						X			WFC26
EC360B	D12C		LX3605						X			WFC26
EC360C (HR / L / NL)	D12D		LX3605						X			WFC26
EC360C (HR / L / NL)	D12E		LX3605						X			WFC26
FB2800C	D9E	2011	LX3605						X			
FBR2800C	D9E	2011	LX3605						X			
FH 12 Globetrotter	Volvo Nacional	98->	LX1281	LXS282	OC121 OC282(By Pass)		KC75 KC124		LA653		HX15	
FH 12 Globetrotter - Volvo Importado	D12A	94->	LX832/1		OC121 OC282(By Pass)		KC75		LA653			
FH 12.340	D12A/B/C/D	08/93- >03/02	LX832/1		OC121 OC282(By Pass)		KC75 KC124/1				HX15	
FH 12.340	D12C	01/01->	LX1281	LXS282	OC121 OC282(By Pass)		KC75 KC123/1		X		OC204 HX15 HX77	AL12- DESUM. WFC26
FH 12.340	D12D	01/03->	LX1281	LXS282	OC121 OC282(By Pass)		KC251 KC495D		LA653		HX77 HX15	AL12- DESUM. WFC26





APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°			
<b>VOLVO</b>											
FH 12.380	D12A	01/94->	LX832/1		OC121 OC282(By Pass)		KC75 KC124/1			HX77 HX15	AL12- DESUM. WFC26
FH 12.380	D12C	01/98->	LX1281	LXS282	OC121 OC282(By Pass)		KC75 KC123/1		X	OC204 HX15 HX77	AL12- DESUM. WFC26
FH 12.380	D12D	01/03->	LX1281	LXS282	OC121 OC282(By Pass)		KC251 KC495D		LA653	HX77 HX15	AL12- DESUM. WFC26
FH 12.380 Globetrotter	TD12A	93->97	LX832/1		OC121 OC282(By Pass)				X		
FH 12.380 Globetrotter	TD12A	98->	LX1281	LXS282	OC121 OC282(By Pass)				X	HX15	
FH 12.380 Globetrotter	TD12A	98->			OC121 OC282 (BY PASS)				X		
FH 12.400	D13A	11/06- >12/09	LX1281	LXS282	OC282(By Pass)		KC251 KC498D		LA653	HX77 HX15	AL12- DESUM.
FH 12.400	D13A	01/10->	LX3141	LXS319	OC282(By Pass)		KC251 KC498D		LA653	HX77 HX15	AL12- DESUM.
FH 12.420	D12A	01/96->	LX832/1		OC121 OC282(By Pass)		KC75 KC124/1		LA653	OC204 HX15 HX77	AL12- DESUM.
FH 12.420	D12C	01/98->	LX832/1		OC121 OC282(By Pass)		KC75 KC123/1		X	OC204 HX77 HX15	AL12- DESUM. WFC26
FH 12.420	D12D	01/03->	LX832/1		OC121 OC282(By Pass)		KC251 KC495D		LA653	HX77 HX15	AL12- DESUM. WFC26
FH 12.440	D13A	11/06- >12/09	LX1281	LXS282	OC282(By Pass)		KC251 KC498D		LA653	HX77 HX15	AL12- DESUM.
FH 12.440	D13A	01/10->	LX3141	LXS319	OC282(By Pass)		KC251 KC498D		LA653	HX77 HX15	AL12- DESUM.
FH 12.460	D12D	01/04->	LX1281	LXS282	OC121 OC282(By Pass)		KC251 KC495D		LA653	HX77 HX15	AL12- DESUM. WFC26
FH 12.480	D13A	11/06- >12/09	LX1281	LXS282	OC282(By Pass)		KC251		LA653	HX77 HX15	AL12- DESUM.
FH 12.480	D13A	01/10->	LX3141	LXS319	OC282(By Pass)		KC251		LA653	HX77 HX15	AL12- DESUM.
FH 12.520	D13A	11/06- >12/09	LX1281	LXS282	OC282(By Pass)		KC251 KC498D		LA653	HX77 HX15	AL12- DESUM.
FH 12.520	D13A	01/10->	LX3141	LXS319	OC282(By Pass)		KC251 KC498D		LA653	HX77 HX15	AL12- DESUM.
FH 13.420 / FH 13.500	D13C	01- /2009->									WFC26
FH 13.500	D13C; D13B	09- /2007->									WFC26
FH 13.500	D13C; D13B	09- /2005->									WFC26
FH 13.550	D16C	09- /2005->									WFC26
FH 13.610	D13C	09- /2005->									WFC26
FH13, FM13	D13 ELETRONICO						KC300				AL24- DESUM.
FH13, NH13, FM13											AL24- DESUM.
FM 10					OC121		KC75 KC128 KC123		X		AL12- DESUM. WFC1- REFRIG.
FM 12					OC121 OC282(By Pass)		KC75 KC128 KC123		LA653		AL12- DESUM. WFC1- REFRIG.
FM 12					OC121 OC282(By Pass)		KC75 KC128 KC123		LA653		AL12- DESUM. WFC1- REFRIG.

(1) Tipo Exportação

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APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR									HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER
			1°	2°	1°	2°	1°	2°	1°	2°		
<b>VOLVO</b>												
FM 12.340	D12C	01/00->	LX1281	LXS282	OC121 OC282(By Pass)		KC75 KC123/1		LA653	OC204 HX15 HX77		AL12- DESUM. WFC26
FM 12.340	D12D	01/03->	LX1281	LXS282	OC121 OC282(By Pass)		KC251 KC495D		LA653	HX77 HX15		AL12- DESUM. WFC26
FM 12.380	D12C	01/01->	LX1587		OC121 OC282(By Pass)		KC75 KC123/1		LA653	OC204 HX15 HX77		AL12- DESUM. WFC26
FM 12.380	D12D	01/03->			OC121 OC282(By Pass)		KC251 KC495D		LA653	HX77 HX15		AL12- DESUM. WFC26
FM 12.400	D13A	11/06->			OC282(By Pass)		KC251 KC498D		LA653	HX77 HX15		AL12- DESUM.
FM 12.420	D12C	01/00->			OC121 OC282(By Pass)		KC75 KC123/1		LA653	OC204 HX15 HX77		AL12- DESUM. WFC26
FM 12.420	D12D	01/03->			OC121 OC282(By Pass)		KC251 KC495D		LA653	HX77 HX15		AL12- DESUM. WFC26
FM 12.440	D13A	11/06->			OC282(By Pass)		KC251 KC498D		LA653	HX77 HX15		AL12- DESUM.
FM 12.460	D12D	01/04->			OC121 OC282(By Pass)		KC251 KC495D		LA653	HX77 HX15		AL12- DESUM. WFC26
FM 12.480	D13A	11/06->			OC282(By Pass)		KC251 KC498D		LA653	HX77 HX15		AL12- DESUM.
FM 12.480 (6x2) D12C 380	TURBO E INTERCOOLER	2001->	LX1587		OC121 OC282(By Pass)		KC75 KC128 KC123		LA653			AL12- DESUM. WFC1- REFRIG.
FM 12.520	D13A	11/06->			OC282(By Pass)		KC251 KC498D		LA653	HX77 HX15		AL12- DESUM.
FM 400 / FM 440 / FM 480 (Tractor e Rígido)	D13A	07->	LX1587									
G740B / G746B / G780B	D10BGAE2		LX3605						X			WFC26
L50	Volvo		LX236	LXS41/1	OC308				X			
L70	TD 45 B	01/86- >10/93	LX265	LXS37/1			KC24 KC6D		X			
LS80	Volvo		LX273	LXS44/1	OC121		KC113		X			
N10 H/XH/XHT	TD101F/TD101G	01/84->	LX93	LXS7233	OC121		KC24 KX89/2D		X	HX15		
N1016 / N1020 / N1033	TD100A/TD100G	01/80->	LX93	LXS7233	OC121		KC24 KX89/2D		X	HX15		
N10H, XH, XHT, N12H, XH, XHT	TD 100A-101G-120GA	80->	LX93		OC121		KC24 KC6D		X			LX1102
N10, 12 Turbo Intercooler	T 101F-G-TD 121F	93->	LX1098 LX1098/1		OC121		KC24 KC6D		LA656			LX1102
N10, N12 4X2 - 4X6 - Intercooler I - II	T101F - G - TD 121F	80->			OC121		KC24 KC24		LA656			LX1102
N12 H/XH/XHT	TD121G	01/84->	LX93	LXS7233	OC121		KC24 KX89/2D		X	HX15		
N1220 / N1223	TD120GA	01/81->	LX93	LXS7233	OC121		KC24 KX89/2D		X	HX15		
NH 12.340	D12C	99->	LX1281	LXS282	OC121 OC282(By Pass)		KC75 KC123/1		X	HX77 HX15		AL12- DESUM. WFC26
NH 12.340	D12D	01/03->	LX1281	LXS282	OC121 OC282(By Pass)		KC251 KC495D			HX77 HX15		AL12- DESUM. WFC26
NH 12.340 / 360 / 380	EDC Gold 123/E/ES - Inj. Elet.	98->	LX1281	LXS282	OC121 OC282(By Pass)		KC75 KC124		LA138	HX15		AL12- DESUM.
NH 12.380	D12C	01/98->	LX1281	LXS282	OC121 OC282(By Pass)		KC75 KC123/1		X	OC204 HX15 HX77		AL12- DESUM. WFC26
NH 12.380	D12C	05/99->	LX832/1									
NH 12.380	D12D	01/03->	LX1281	LXS282	OC121 OC282(By Pass)		KC251 KC495D			HX77 HX15		AL12- DESUM. WFC26
NH 12.420	D12C	01/98->	LX1281	LXS282	OC121 OC282(By Pass)		KC75 KC123/1		X	OC204 HX15 HX77		AL12- DESUM. WFC26





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			1°	2°	1°	2°	1°	2°			
<b>VOLVO</b>											
NH 12.420	D12C	05/99->	LX832/1								
NH 12.420	D12D	01/03->	LX1281	LXS282	OC121 OC282(By Pass)	KC251 KC495D			HX77 HX15	AL12- DESUM. WFC26	
NH 12.460	D12C	07/99->	LX1281	LXS282	OC121 OC282(By Pass)	KC75 KC123/1		X	OC204 HX15 HX77	AL12- DESUM.	
NH 12.460	D12C	02/00->	LX832/1								
NH 12.460	D12D	01/04->	LX1281	LXS282	OC121 OC282(By Pass)	KC251 KC495D			HX77 HX15	AL12- DESUM. WFC26	
NL 10.280 / 340	TD101 / TD102	89->97	LX1055 LX1055/1	LXS7231	OC121	KC24	KC24	LA656		LX1102	
NL 10.280 / 340	TD101 / TD102	98->			OC121	KC24	KC24	LA656			
NL 10.280 / 340	TD101G / TD102FS	91->	LX1055 LX1055/1	LXS7231	OC121	KC24 KC6D KX89/2D		LA656		LX1102	
NL 10.310	TD102FT	01/93->	LX1055	LXS7231	OC121	KX89/2D KC24		LA656	HX15	AL12- DESUM.	
NL 10.320 D10A/ 12.360 TD123E / 12.140 TD123ES / NL320 D10A	Todos EDC Gold	98->	LX1055 LX1055/1	LXS7231	OC121 OC282(By Pass)	KC75	KC124	LA656	HX15	AL12- DESUM.	
NL 10.320 / 12.360 / 12.410 EDC		96->97	LX1055 LX1055/1	LXS7231	OC121	KC24 KC123/1		LA656			
NL 12.360	TD123E	1995->								WFC26	
NL 12.400 Intercooler	TD122FS	93->	LX1055 LX1055/1	LXS7231	OC121	KC24 KX89/2D		LA656			
NL 12.410	TD122FR	01/93->				KX89/2D		X			
NL 12.410	TD123ES	1995->								WFC26	
NL 360					OC121	KC24 KC6D		LA656			
Ônibus 7700	Motor D5E	09->				KC8		X			
S40	1.9 Turbo Diesel	6/96->				KC24 KC6D					
S60	1.6 Turbo (T4 FWD) B41464 T	2011->						LA103 9			
S60	2.0 Turbo B5204 T5	04->10						LA103 5			
S60	2.0 Turbo B5204 T5	01->03						LA103 5			
S60	2.0 Turbo (T5/ T5 R Disigne) B4204T7	2011->						LA103 9			
S60	2.3 TURBO B 5234 T3	2001->						LA103 5			
S60	2.3 TURBO / 2.4 TURBO B 5244 S	2001- >2007						LA103 5			
S60	3.0 Turbo (T6/T6 R Disigne) B6304T4	2012->						LA103 9			
S60 / S80	2.5 TURBO B 5224T2/B5254T3	2003						LA103 5			
S70	2.3 T-5 (B 5234 T3)	01/97- >12/00				OC204					
S70	2.3 TURBO T-5 / 2.5 10V TURBO	2000						LA103 5			
S80	2.0 TURBO B 5244 T	2000->						LA103 5			
S80	2.4 20V TURBO B 5244 S	1998						LA103 5			
S80	2.4 20V Turbo B5244 S/S2	99->						LA103 5			
S80	2.9 24V TURBO B6294 S2	98->01						LA103 5			
S80	3.2 V6 - B6324S	2007->						LA103 9			
S80	4.4 V8 - B8444S	2007->						LA103 9			
V40	1.9 Turbo Diesel	6/96->				KC24 KC6D					
V60	2.0 Turbo (T5)	2013->						LA103 9			
V70	2.0 TURBO B5204T2	2000->						LA103 5			

(1) Tipo Exportação

(2) Opcional

(3) Com Ar

(4) Sem Ar

APLICAÇÃO / APPLICATION	MOTOR / ENGINE	ANO / YEAR								HIDRÁULICO/ HYDRAULIC	OUTROS/ OTHER	
			1°	2°	1°	2°	1°	2°				
<b>VOLVO</b>												
V70	2.3 20V TURBO B 5234 T3	01->03							LA103 5			
V70	2.4 20V TURBO B5244	01->07							LA103 5			
V70	2.5 TURBO B5254T2/B5254T3	02->07							LA103 5			
V70	2.5 TURBO (T5) B5254T2/ B5254T3	2010->							LA103 9			
V70 TDI	2.5 inj.	97->					KC18					
VM		2003->							LA660			
VM 15210	MWM5A206	01/05->	LX1313/1	LXS312	OC121		KC492			HX77 HX15	AL12- DESUM.	
VM 17210	MWM6A206	01/04->	LX1313/1	LXS312	OC121		KC75 KC123/1		LA660	HX77 HX15	AL12- DESUM.	
VM 17240	MWM6A240	01/04->	LX1313/1	LXS312	OC121		KC75 KC123/1			HX77 HX15	AL12- DESUM.	
VM 23210	MWM6A206	01/04->	LX1313/1	LXS312	OC121		KC75 KC123/1		LA660	HX77 HX15	AL12- DESUM.	
VM 23240	MWM6A240	01/04->	LX1313/1	LXS312	OC121		KC75 KC123/1			HX77 HX15	AL12- DESUM.	
VM 260	MWM7A260	01/05->	LX1313/1	LXS312	OC121		KC492			HX15 HX77	AL12- DESUM.	
VM 310	MWM7A310	01/05->	LX1313/1	LXS312	OC121		KC492			HX15 HX77	AL12- DESUM.	
VOLVO 11036607-7, DONALD- SON P164378										X	HC102	
XC60	3.0 Turbo (T6/T6 R DISIGNE) B6304T2	2008->							LA103 9			
XC70	2.5 TURBO B5254 T2	02->08							LA103 5			
XC70	3.2 TURBO B6324S	07->08							LA103 5			
XC90	2.5 TURBO B5254 T2	05->07							LA103 5			
XC90	2.9 BI TURBO B6294T	03->06							LA103 5			
XC90	3.2 TURBO B6324 S	2008->							LA103 5			
XC90	4.4 V8 TURBO	2005->							LA103 5			
<b>WORTHINGTON</b>												
160D	MB OM314	83	LX200				KX43 KX35		X			
900	Cummins NRTO6NT 855 C310		LX200/1			OX198D OX218D	KX43 KC133		X			
<b>YAMAHA</b>												
YBR E	125cc	2000->	LX3110									
YBR Factor	125cc	2008->	LX3110									
<b>YANMAR</b>												
1040,1050,1050D	Motor estacionário						KX90		X			
1050 HD	BTB 33D	94	LX275	LXS5/1			KX23	KX23	X			
TNE-SÉRIE 4- TNE94E-SA/G1A (Aplicação Industrial)			LX2959						X			
TNE-SÉRIE 4- TNE98E-SA/G1A (Aplicação Industrial)			LX2959						X			
<b>ZF</b>												
Caixa de Direção Nacional										X	HX15	

FILTRO DO AR PARA CABINE  
PASSENGER COMPARTMENT AIR FILTER  
FILTRO DE AIRE PARA HABITÁCULO

FILTRO DO COMBUSTÍVEL - SEPARADOR DE ÁGUA  
FUEL FILTER - WATER SEPARATOR  
FILTRO DE COMBUSTIBLE - SEPARADOR DE AGUA

FILTRO DO AR PARA CABINE /  
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## ALFA ROMEO

145	96->99	LA34(3)
145	96->99	LA34
145, 146	08/94->	LA34(3)
155	93->	LA34(3)
155	95->98	LA34
156	00->	LA56
156	10/97->	LA56
156/156 Sportage (SW/CA)	01/03->12/03	LA56
Spider GTV	95->	LA34

## AUDI

100	10/82->88	LA45
100	07/84->12/90	LA45
100	90->94	LA45
100 (4A, C4)	01/93->12/95	LA46 LAK46
80	94->	LA45
80	07/90->06/92	LA45
80	11/91->09/93	LA45
80	08/92->03/95	LA45
80	10/94->12/95	LA45
80 (80-89, 8A/C, B1-B4)	08/92->12/94	LA45
80 (80-89, 8A/C, B1-B4)	09/91->12/94	LA45
80 CD/SE	07/84	LA45
80 E/SE	04/94->03/95	LA45
80 E/SE	09/90->11/91	LA45
80 E/SE	09/92->03/95	LA45
80 Quattro (85Q, 89Q, 8A/C, B4)	09/91->12/94	LA45
80 Quattro (85Q, 89Q, 8A/C, B4)	08/92->05/95	LA45
81 (80-89, 8A/C, B1-B4)	07/92->02/96	LA45
A1	2012->	LA120
A3	12/96->	LA31
A3	06->	LA31
A3	05/03->	LA31
A3	09/96	LA31
A3	96->	LA31
A3	96->	LA31
A3	96->	LA31
A3 (8L)	01/99->12/03	LAK63
A3 I (8L1)	12/96->	LA31

FILTRO DO AR PARA CABINE /  
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## AUDI

A3 I (8L1)	06/00->	LA31
A3 I (8L1)	09/96->	LA31
A3 I (8L1)	12/96->	LA31
A3 Turbo	12/96->	LA31
A4	10/94->08/95	LA45
A4	95->	LA45
A4	10/94->	LA45
A4	93->	LA45
A4	03/95->	LA45
A4	10/94->	LA45
A4	08/97->	LA45
A4	03/96->	LA45
A4	97->	LA45
A4 (B5/8D2, 8D5)	01/95-09/01	LA45
A4 (B5/8D2, 8D5)	01/95-09/01	LA45
A4 (B5/8D2, 8D5)	04/95-09/01	LA45
A4 (B5/8D2, 8D5)	01/95-09/01	LA45
A4 (B5/8D2, 8D5)	12/97-09/01	LA45
A4 Cambio Multitronic	01/03->12/04	LA45
A4 Todos	11/94->	LA45
A6	96->5/97	LA46
A6	06/94->12/95	LA46
A6	08/94->	LA46
A6	96->	LA46
A6	05/97->	LA46
A6	08/94->05/97	LA46
A6 (4A, 4B, C4, C5)	06/94->02/97	LA46
A6 (4A, 4B, C4, C5)	06/94->02/97	LA46
A6 (4A, 4B, C4, C5)	06/94->02/97	LA46
A6 (4A, 4B, C4, C5)	06/94->02/97	LA46
A6 (4B/C5)	01/98->12/03	LA46 LAK46
A6 (4B/C5)	01/99->12/01	LA46 LAK46
A6 (4B/C5)	01/00->12/01	LA46 LAK46
A6 (4B/C5)	01/97->12/01	LA46 LAK46
A6 (4B/C5)	01/99->12/01	LA46 LAK46
A6 (4B/C5)	01/95->12/97	LA46 LAK46
A6 (4B/C5)	01/02->	LA46 LAK46
A6 (AVANT/ALL ROAD/LIMOUSINE) Mec./Multitronic (BBJ)	05->06	LA1030/S
A6 (AVANT/PLUS/QUATTRO) Aut./Tiptronic (BVJ)	2006->	LA1030/S

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**AUDI**

A6 (AVANT/PLUS/QUATTRO) Tiptronic (BAT)	04->06	LA1030/S
A6 (COMFORT/SPORT PLUS/QUATTRO) Tiptronic/Multitronic (CAJA/CCA)	09->11	LA1030/S
A6 (QUATTRO) Tiptronic / Multitronic (BDW)	04->08	LA1030/S
A6 (RS6) Aut./Tiptronic (BUH)	08->11	LA1030/S
A6 (S6) Aut./Tiptronic (BXA)	2006->	LA1030/S
A6 Aut./Mec.	2007->	LA1030/S
A6 Aut./Tiptronic	2004->	LA1030/S
A6 C4	94->97	LAK58
A6 Multitronic	01/02->	LA46
A6 Quattro (4B/C5)	06/94->07/97	LA46 LAK46
A6 Quattro (4B/C5)	10/01->12/01	LA46 LAK46
A6 Quattro (4B/C5)	01/00->12/04	LA46 LAK46
A6 Quattro (4B/C5)	01/01->12/01	LA46 LAK46
A6 Quattro (4B/C5)	01/01->12/01	LA46 LAK46
A6 Todos, S6 Todos	04/97->	LA46
A6 Turbo	04/97->	LA46
A6 Turbodiesel	05/97->	LA46
Allroad I (4BH)	01/01->12/05	LA46 LAK46
Q7	09->10	LA907
Q7 Quattro	10->	LA907
Q7 Quattro	06->10	LA907
R8 (QUATTRO) Aut./Tiptronic (BYH/CNDA)	2010->	LA1030/S
R8 (QUATTRO/SPYDER/GT) Aut./Tiptronic (BUJ)	2009->	LA1030/S
RS3 (SPORTBACK) Aut./Tiptronic	2012->	LA1030/S
S3 (QUATTRO) Mec.	99->03	LA1030/S
S6 (AVANT/QUATTRO/SEDÁ) Aut. (BXA)	2007->	LA1030/S
TT	10/98->	LA31
TT	99->06	LA31
TT (8N3, 8N9)	10/98->	LA31
TT (8N3, 8N9)	10/98->	LA31

**BMW**

316i (E30/E36 - Compact Hatch/Sedã)	90->94	LA1049
316i (E36 - Compact Hatch/Sedã)	94->95	LA1049
316i (E36 - Compact Hatch/Sedã)	95->99	LA1049
318i (E36 - Cabrio/Touring/Compact Hatch/Sedã)	84->95	LA1049
318i (E36 - Cabrio/Touring/Compact/Sedã)	95->99	LA1049
318iS (E30/E36 - Coupé)	92->94	LA1049
318iS (E36 - Coupé/Sport/Sedã)	94->98	LA1049

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## BMW

318Ti (E36 - Compact Top)	1995->	LA1049
318Ti (E36 - Compact Top)	96->99	LA1049
320i (E36 - Coupé/GP/Sedã/Modern)	90->94	LA1049
320i (E36)	94->96	LA1049
320i (E36)	96->99	LA1049
323i (E36 - Comfort/Coupé/Sedã/Sport/Top)	95->99	LA1049
325i (E36)	90->99	LA1049
328i (E36 - Exclusive/Touring/Sport)	1995	LA1049
328i (E36 - Exclusive/Touring/Sport)	96->98	LA1049
M3 (E36 - Cabrio)	94->95	LA1049
M3 (E36 - Cabrio/Evolution)	95->00	LA1049
Série 3 320Ci (E46) Mecânico	98->01	LA1034
Série 3 320Ci (E46) Mecânico	01->05	LA1034
Série 3 325Ci (E46 - Coupé) Aut.	01->07	LA1034
Série 3 325Ci (E46)	00->01	LA1034
Série 3 328Ci (E46) Mecânico	98->99	LA1034
Série 3 330Ci (E46 - Cabrio / Exclusive / Sedã / Security / Sport / Top) Aut.	00->07	LA1034
Série 3 330i (E90 - Cabrio / Exclusive / Sedã / Security / Sport / Top) Aut.	00->07	LA1034
Série M (E36 - Cabrio / Evolution) Aut. / Mec.	00->05	LA1034
X3 (E83 - FAMILY / SPORT 4X4) Aut.	04->	LA1034
X3 (E83 - FAMILY / SPORT 4X4) Aut.	03->10	LA1034
X5 (E53)	06/00->	LAK62

## CARRIER

Sistema Carrier - Ônibus Rodoviário		LA695
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## CASE

7000 (Colheitadeira de Cana)		LA610
Colheitadeira A8000		LA884
Colheitadeira A8800		LA884

## CATERPILLAR

CARREGADEIRAS 918F US 3TJ1		LA952
CARREGADEIRAS 938		LA952
CARREGADEIRAS 938F (BL 2RM1/BZ 7SN1/US 1KM1)		LA952
CARREGADEIRAS 938F 1KM		LA952
CARREGADEIRAS 939CHS 6DS1		LA952
CARREGADEIRAS 950GII (AXR/AXX/AYB/AYL/BAA)		LA952
CARREGADEIRAS 950H (M1G/N1A)		LA952
CARREGADEIRAS 962GII (AXS/AXY/AYE/BAB/BAD)		LA952



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### CATERPILLAR

CARREGADEIRAS 962H (M3G/N4A)		LA952
CARREGADEIRAS 966F II (JA 9YJ1/US 1SL1)		LA952
CARREGADEIRAS 966G SERIES II ANZ / 966GII (ANT/AWY)		LA952
CARREGADEIRAS 966H (A6D/A6G)		LA952
CARREGADEIRAS 972GII (ANY/AWP)		LA952
POLICULTORES INTEGRADOS IT18F 8GJ1		LA952
POLICULTORES INTEGRADOS IT24FUK 6KN1		LA952
POLICULTORES INTEGRADOS IT28F 1JL		LA952
POLICULTORES INTEGRADOS IT62H M5G		LA952
TRATORES COMPACTADORES 814F BGF1 / 815F BKL		LA952
TRATORES SOBRE ESTEIRAS D3C SERIES III / D4C III JA 6YL1 / D4C III JA 7SL1		LA952

### CHERY

CIELO	2010->	LA905
TIGGO	2010->	LA632

### CHRYSLER

300 C (Sedan) Aut.	07->09	LA1050
300 C (Sedan) Aut.	06->10	LA1050
300 C (Sedan/Touring) Aut.	05->09	LA1050
Caravan	96->07	LA1055
Caravan (SE)	96->03	LA1055
Caravan (SE/LE/LX)	05->07	LA1055
Grand Caravan (SE/LE/Limited) Aut.	02->	LA1055
Jeep Cherokee	08->12	LA911/S
Jeep Cherokee (KJ - Sport / Plus) Aut./Mec.	02->09	LA1059
Jeep Cherokee (Sport / Plus) Aut./Mec.	09->	LA1059
Jeep Grand Cherokee	04/99->	LA1059
Jeep Grand Cherokee	08->12	LA902
Jeep Grand Cherokee (Laredo) Aut.	00->01	LA1059
Jeep Grand Cherokee (Laredo) Aut.	99->01	LA1059
Jeep Grand Cherokee (Limited) Aut.	05->10	LA1059
Jeep Grand Cherokee (Limited) Aut.	05->07	LA1059
Jeep Grand Cherokee (Limited) Aut.	08->09	LA1059
Jeep Grand Cherokee (Limited) Aut.	99->00	LA1059
Jeep Grand Cherokee (Limited) Aut.	00->05	LA1059
Jeep Grand Cherokee (Limited/Overland) Aut.	05->09	LA1059
Jeep Grand Cherokee (Sport) Aut.	02->04	LA1059
Jeep Grand Cherokee (SRT/SRT8) Aut.	06->10	LA1059
PT Cruiser	1/01->	LA180

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## CHRYSLER

PT Cruiser / PT Cruiser Cabrio

04/00->

LA180

## CITROEN

Aircross GL/GLX

2010->

LA138

Berlingo

07/00->

LA8

Berlingo

07/00->

LA8

Berlingo

10/00->

LA8

Berlingo

99->

LA8(3)

Berlingo

10/96->12/02

LA8(3)

Berlingo

08/98->12/02

LA8(3)

Berlingo

12/97->12/02

LA8(3)

Berlingo

10/00->10/02

LA8

Berlingo

->98

LA8

Berlingo

2010->

LA184

Berlingo MultiSpace GLX

01/05->

LA8

BX 16

03/86->02/93

LA8(3)

BX 19 Break

06/88->

LA8(3)

BX 19 Break

06/88->

LA8(3)

BX 19 GTi 16V

09/87->12/88

LA8(3)

BX 19 GTi 16V

03/88->02/93

LA8(3)

C2

09/03->

LA138

C2

09/03->

LA138

C2

09/03->

LA138

C3

02/02->

LA138

C3

06->

LA138

C3

02/02->

LA138

C3

02/02->

LA138

C3 (Modelo Novo)

13->

LA1099/S

C3 (Modelo Novo)

13->

LA138

C3 (Pluriel/XTR Exclusive/GLX)

LA138

C3 (Pluriel/XTR)

01/03->

LA138

C3 (Pluriel/XTR)

01/02->

LA138

C3 (Pluriel/XTR/Exclusive/GLX)

01/07->

LA138

C3 Picasso (Modelo Novo)

13->

LA1099/S

C3 Picasso (Modelo Novo)

12->

LA138

C4 (Pallas)

08/07->

LA138

C4 (VTR)

01/07->

LA138

C4 Picasso

2008->

LA428/S

C5 (EXCLUSIVE) Aut.

2005->

LA1033

C5 (EXCLUSIVE/BREAK/TOURER) Aut./Mec.

2005->

LA1033



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## CITROEN

	ANO / YEAR	
C6 (EXCLUSIVE) Aut.	06->08	LA1033
C8 (EXCLUSIVE) Aut.		LA1057
C8 Mec.	2002->	LA1057
Grand C4	2008->	LA428/S
Jumper	03/02->	LA123
Jumper	12/96->03/02	LA123
Jumper	01/00->	LA123
JUMPER	01/05->	LA123
Jumper (Relay)	02/94->03/02	LA123
Jumper (Relay)	12/96->03/02	LA123
Jumper (Relay)	02/02->	LA123
Jumper (Relay)	08/94->12/00	LA123
Jumper (Relay)	11/96->12/00	LA123
Jumper I (Realy) - (Bosch)	02/94->03/02	LA123
Jumper I (Realy) - (CAV)	07/99->03/02	LA123
Jumper TD	94->00	LA123
Xantia	04/97->	LA8(3)
Xantia	07/93->10/96	LA8
Xantia	07/93->	LA8
Xantia	95->06/96	LA8
Xantia	01/97->	LA8(3)
Xantia	09/97->	LA8
Xantia	94->	LA8(3)
Xantia	06/97->	LA8
Xantia/Furio ZX	94->	LA8(3)
Xsara	07/00->09/00	LA8
Xsara	01/01->	LA8
Xsara	09/00->	LA887
Xsara	10/97->09/00	LA8(3)
Xsara	00->	LA887
Xsara	->98	LA887
Xsara	98->	LA887
Xsara	11/97->	LA8
Xsara	01/97->12/00	LA887
Xsara	10/00->	LA887
Xsara (Break/GLX/Exclusive)	01/01->12/03	LA887
Xsara Exclusive (Aut./Mec.)	01/01->12/01	LA887
Xsara GLX (Aut./Mec.)	01/01->12/01	LA887
Xsara Picasso	06->	LA153
Xsara Picasso	12/99->	LA153

FILTRO DO AR PARA CABINE /  
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### CITROEN

Xsara Picasso	01/00->	LA153
Xsara Picasso		LA153
Xsara Picasso (Brasil/Etoile/GLX)	01/01->	LA153
Xsara Picasso (Brasil/Etoile/GLX/Autom.)	01/01->	LA153
Xsara Picasso (Exclusive/GLX)	01/05->	LA153
Xsara VTS	01/01->12/02	LA887
Xsara XS	10/97->09/00	LA887

### CUMMINS

NH 743 C 220		LA138
NH 743 P 220		LA138

### DENSO

Sistema Denso - Ônibus Rodoviário		LA690
Sistema Denso - Ônibus Rodoviário		LA689
Sistema Denso - Ônibus Rodoviário (Fresh Air)		LA694
Sistema Denso - Ônibus Rodoviário (Fresh Air)		LA691

### DODGE

Journey	08->	LA569
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### FIAT

500 (Lounge; Lounge Dual; Sport; Sport Dual)	2009->	LA1031
Brava	1999->2003	LA56
Brava	99->	LA56
Brava	10/95->	LA56
CINQUECENTO (CULT/CABRIO/LOUGE AIR) DUALOGIC/MECANICO	2012->	LA1031
CINQUECENTO (CULT/CABRIO/LOUGE AIR) DUALOGIC/MECANICO MULTIAIR	2012->	LA1031
CINQUECENTO (LOUNGE/SPORT) DUALOGIC/MECANICO	09->12	LA1031
Coupe	04/94->	LA34(3)
Doblò / Doblò Cargo	01/02->12/05	LA144
Doblò / Doblò Cargo	2010->	LA144
Doblò / Doblò Cargo	01/04->12/06	LA144
Doblò / Doblò Cargo	01/06->	LA144
Doblò / Doblò Cargo	01/02->12/06	LA144
Doblò Adventure	03->	LA144
Doblò Adventure Flex (Locker)	11/09->	LA144
Doblò ELX	11/09->	LA144
Ducato	2009->	LA123
Ducato	01/06->	LA123

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**FIAT**

Ducato	02->	LA123
Ducato	98->	LA123
Ducato 10	98->	LA123
Ducato 10	98->	LA123
Ducato 15	98->	LA123
Ducato 15	97->	LA123
Ducato 8	98->	LA123
Ducato 8/ 10 Cabinato/ Maxi14/ Van14	97->	LA123
Ducato 94	07/94->03/02	LA123
Fiat Iveco Daily	01/98->	LA123
Freemont	11->	LA569
Grand Siena	03/12->	LAK633 LA633
Idea	01/06->	LA422 LAK422
Idea	01/06->	LA422 LAK422
Linea	11/08->	LA612 LAK612
Linea (Dualogic/Absolute)	11/08->08/10	LA612 LAK612
Linea (LX/HLX/ LX Dualogic / HLX Dualogic)	05/09->08/10	LA612 LAK612
Linea (LX/HLX/Absolute)	09/10->	LA612 LAK612
Marea	98->06	LA56
Marea	98->06	LA56
Marea	99->07	LA56
Marea / Weekend	05->	LA56
Marea / Weekend	98->06	LA56
Marea / Weekend	98->06	LA56
Marea / Weekend	00->06	LA56
Marea / Weekend	00->06	LA56
Novo Idea (Essence)	09/10->	LA422 LAK422
Novo Idea (Sporting)	09/10->	LA422 LAK422
Palio	01/01->12/04	LA422 LAK422
Palio	01/05->	LA422 LAK422
Palio	01/01->12/03	LA422 LAK422
Palio	01/02->12/05	LA422 LAK422
Palio	01/06->	LA422 LAK422
Palio	01/01->12/03	LA422 LAK422
Palio	01/03->12/03	LA422 LAK422
Palio	01/04->12/05	LA422 LAK422
Palio	01/06->	LA422 LAK422
Palio (Essence)	09/10->	LA422 LAK422
Palio (Sporting)	09/10->	LA422 LAK422

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## FIAT

Palio / Palio Weekend / Siena / Strada	05->	LA422 LAK422
Palio / Palio Weekend / Siena / Strada	04->05	LA422 LAK422
Palio / Palio Weekend / Siena / Strada	05->	LA422 LAK422
Palio / Palio Weekend / Siena / Strada	->12/06	LA422 LAK422
Palio Brasil 500	1999	LA601
Palio Citymatic	1999->2000	LA601
Palio ED, EDX, EL, ELX, EX (Todos)	96->04	LA499
Palio EL Spi	1998->1999	LA601
Palio EL/Elx Mpi	1998->2001	LA601
Palio ELX MPI	1998->2000	LA601
Palio ELX MPI 16 V	1996->2000	LA601
Palio EX	1998->1999	LA601
Palio EX MPI	1998->2003	LA601
Palio Ex/Edx Mpi	1998->2002	LA601
Palio Weekeend Adventure mpi	1999	LA601
Palio Weekeend Adventure RST	1999->2003	LA601
Palio Weekeend ELX Hitachi	1997->2000	LA601
Palio Weekeend EX MPI	1997->1999	LA601
Palio Weekeend MPI	1998	LA601
Palio Weekeend Mpi 6M	1999->2000	LA601
Palio Weekeend Sport 16V	1997->1999	LA601
Palio Weekeend Stile 16V	1997->2003	LA601
Palio Weekend	97->04	LA601
Palio Weekend	01/03->	LA422 LAK422
Palio Weekend	01/01->12/03	LA422 LAK422
Palio Weekend	01/00->12/04	LA422 LAK422
Palio Weekend (Dualogic)	09/10->	LA422 LAK422
Palio Weekend (ELX/Trekking)	05/08->	LA422 LAK422
Palio Weekend / Siena / Strada	99->	LA601
Palio Weekend / Siena / Strada	01->	LA422 LAK422
Palio YOUNG	2000->2001	LA601
Punto	03/09->	LA612 LAK612
Punto (ELX)	07/07->	LA612 LAK612
Punto (HLX/Sporting)	07/07->06/10	LA612 LAK612
Siena	97->04	LA601
Siena	01/03->12/04	LA422 LAK422
Siena	01/05->	LA422 LAK422
Siena	01/01->12/03	LA422 LAK422
Siena	01/02->12/06	LA422 LAK422

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## FIAT

	ANO / YEAR	
Siena	01/06->	LA422 LAK422
Siena	01/00->12/03	LA499
Siena	01/03->12/04	LA422 LAK422
Siena	01/05->12/05	LA422 LAK422
Siena	01/06->	LA422 LAK422
Siena	01/06->	LA422 LAK422
Siena (Essence/Sporting)	09/10->	LA422 LAK422
Siena EL/ HL	1998->1999	LA601
Siena ELX	1997->1999	LA601
Siena Spi	1997->1999	LA601
Siena Sport MTV	1998	LA601
Siena Style	1998->1999	LA601
Stilo	02->	LA142
Stilo	01/06->	LA142
Stilo	02->06	LA142
Strada	00->	LA422
Strada	98->03	LA601
Strada	05/99->12/04	LA422 LAK422
Strada	09/10->	LA422 LAK422
Strada	01/03->12/04	LA422 LAK422
Strada	01/05->	LA422 LAK422
Strada	01/04->	LA422 LAK422
Strada	01/06->	LA422 LAK422
Strada LX CE	1998->2001	LA601
Strada Spi	1998->2001	LA601
Strada Trekking Spi	1999->2000	LA601
Strada Working	1998->2001	LA601
Strada Working CE	1998->2002	LA601
Tempra	93->	LA34
Tempra	92->	LA34
Tempra	92->94	LA34
Tempra	95->	LA34
Tempra	01/93->	LA34(3)
Tempra Station Wagon	95->	LA34
Tempra Turbo	95->	LA34
Tipo	02/95->	LA34(3)
Tipo	01/93->01/95	LA34
Tipo	93->	LA34
Tipo	->94	LA34

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## FIAT

Tipo	95->	LA34(3)
Tipo	95->	LA34(3)
Tipo Importado	->94	LA34(3)
UNO Novo (Way / Attractive / Vivace / Sporting)	05/10->	LAK633 LA633

## FORD

Courier	07/99->08/99	LA77
Courier	97->	LA77
Courier CLX SI	07/97->08/99	LA77
Courier Furgoneta / Courier	09/99->	LA77
Courier L/XL	06/07->	LA77
EcoSport	02->	LA169
EcoSport	05->	LA169
EcoSport	03->	LA169
EcoSport (Modelo Novo)	12->	LA785
Ecosport Duratec HE (Câmbio Automático)	11/06->	LA169
Ecosport Duratec HE (Câmbio Manual)	->01/03	LA169
Ecosport Duratec HE (Câmbio Manual)	01/03->	LA169
EcoSport Supercharger	03->	LA169
EcoSport XL, XLS e XLT	03->	LA169
Edge	11/08->	LA908
Fiesta	99->	LA77
Fiesta (Importado - todos)	->96	LA77
Fiesta (Importado - todos)	96->00	LA77
Fiesta Hatch	02->	LA169
Fiesta Hatch	04/96->08/99	LA77
Fiesta Hatch	02->	LA169
Fiesta Hatch	04/96->05/98	LA77
Fiesta Hatch/Sedan	02->	LA77
Fiesta Hatch/Sedan	04->	LA169
Fiesta Hatch/Sedan	05->	LA169
Fiesta Hatch/Sedan	10/01->06/06	LA77
Fiesta Sedan	02->	LA77
Fiesta Street	08/04->	LA77
Fiesta SuperCharger	02->	LA169
Fiesta SuperCharger	05/02->	LA77
Focus	00->	LA78
Focus	05/07->	LA78
Focus	07/00-07/04	LA78

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## FORD

Focus	03/05->	LA78
Focus	07/08->	LA642
Focus	2010->	LA642
Focus	2014->	LA1100
Focus (Hatch / S / SE / PowerShift)	09/13->	LA642
Fusion (Modelo Novo)	2013->	LA924
Fusion (Modelo Novo)	2013->	LA924
Fusion (SEL) Aut.	09->	LA752
Ka	08/99->12/07	LA77
Ka	01/97->08/99	LA77
Ka	->96	LA77
Ka	02/01->12/07	LA77
Ka (Modelo Novo)	12/07->	LA77
Ka (Modelo Novo)	2010->	LA906
Mondeo	01/94->12/96	LA25
Mondeo	96->00	LA25
Mondeo	01/94->12/96	LA25
Mondeo	01/98->12/00	LA25
Mondeo (Todos)	->95	LA25
New Fiesta (Hatch/Sedan)	13->	LA785
New Fiesta (Hatch/Sedan)	11->	LA785
Ranger (Modelo Novo)	2012->	LA833
Ranger (Modelo Novo)	2012->	LA833
Ranger (Modelo Novo)	2012->	LA833
Transit (Van / Furgão)	12/08->	LA904

## GM

Agile	01/09->	LA11 LAK11
Astra	98->	LA75
Astra	01/99->	LA75
Astra	09/91->09/98	LA11
Astra	02/95->09/98	LA11
Astra	01/95->12/96	LA11 LAK11
Astra	01/99->	LA75
Astra	01/99->	LA75
Astra Hatch / Sedan	04->	LA75
Calibra	06/90->02/94	LA11
Calibra	02/94->07/97	LA11 LAK11
Captiva	08/08->03/11	LA646

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## GM

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Captiva	04/11->12/12	LA646
Captiva (AWD/FWD) Aut.	2008->	LA646
Celta	06->	LA11 LAK11
Celta	01/01->	LA11 LAK11
Celta	07->	LA11 LAK11
Celta	03->	LA11 LAK11
Celta s/ AC	00->	LA21
Classic	10->	LA11 LAK11
Cobalt	11->	LA472
Cobalt	12->	LA472
Corsa	01/94->12/96	LA11 LAK11
Corsa	01/99->12/01	LA11 LAK11
Corsa	01/02->	LA117 LAK117
Corsa	01/96->12/01	LA11 LAK11
Corsa	01/00->12/01	LA11 LAK11
Corsa	01/02->	LA117 LAK117
Corsa	01/06->	LA117 LAK117
Corsa	01/02->	LA117 LAK117
Corsa	01/02->	LA117 LAK117
Corsa	01/98->12/01	LA11 LAK11
Corsa	01/07->	LA117 LAK117
Corsa	01/02->	LA117 LAK117
Corsa	01/95->12/01	LA11 LAK11
Corsa	01/02->	LA117 LAK117
Corsa	01/96->12/01	LA11 LAK11
Corsa	01/02->	LA117 LAK117
Corsa	01/96->12/01	LA11 LAK11
Corsa	01/04->	LA117 LAK117
Corsa s/ AC	98->	LA21
Corsa Sedan (Classic)	01/03->	LA11 LAK11
Cruze	09/11->	LA472
Meriva	08->	LA189
Meriva	08/02->	LA189
Meriva	04->	LA189
Montana	01/07->03/11	LA117 LAK117
Montana	01/04->03/11	LA117 LAK117
Montana - LS / SPORT (Modelo Novo)	04/11->	LA11 LAK11
Onix (LS / LT)	2012->	LA472
Onix (LT / LTZ)	2012->	LA472

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## GM

Prisma	03/09->	LA11 LAK11
Prisma	10/06->	LA11 LAK11
S10 (Modelo Novo)	2012->	LA909
S10 (Modelo Novo)	2012->	LA909
Sonic	05/12->	LA472
Spin	12->	LA472
Tigra	07/94->	LA11
Tigra	98->	LA11
Tracker	2001->2004	LA654/S
Tracker	02->	LA654/S
Trailblazer (Modelo Novo)	2012->	LA909
Trailblazer (Modelo Novo)	2012->	LA909
Vectra	94->96	LA49
Vectra	97->	LA49
Vectra (Diamond)	06->	LA75
Vectra (Diamond)	06->	LA75
Vectra (Diamond) / GT / RGE	07->	LA75
Vectra (Diamond) / GT / RGE	07->	LA75
Vectra (Diamond) / GTX / RG	07->	LA75
Vectra GL /GLS /CD	96->	LA49
Vectra GLS /CD	93->	LA49
Vectra GSi		LA49
Zafira	01/99->	LA74
Zafira	01/05->	LA74
Zafira	01/01->	LA74

## HONDA

Accord	2006->2007	LA122/S
Accord	2008->	LA122/S
Accord	2008->	LA122/S
Accord Sedã EX	01/91->12/04	LA122/S
Accord Sedã EX	01/91->12/04	LA122/S
Accord Sedã LX, autom.	01/06->	LA122/S
City	2009->	LA607
Civic	01/96->	LA82
Civic	95->	LA82
Civic	96->	LA82
Civic	91->95	LA82
Civic	96->	LA82

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**HONDA**

Civic	05/97->	LA82
Civic	95->	LA82
Civic Coupe	99->00	LA82
Civic Coupe / Sedan EX	98->00	LA82
Civic Coupe EX/EXS	01/91->12/98	LA82
Civic Coupe/ Civic Sedan/ Hatchback	96->00	LA82
Civic CRX / Targa VTI	01/93->12/95	LA82
Civic Esi	01/95->12/95	LA82
Civic Esi	91->94	LA82
Civic EX	98->00	LA82
Civic EX	96->98	LA82
Civic EX / Aut.	01/97->12/00	LA82
Civic EX / Aut.	01/01->12/05	LA122/S
Civic EX/EXS	01/92->12/97	LA82
Civic Hatch DX	01/92->12/95	LA82
Civic Hatch LSi	01/91->12/95	LA82
Civic Hatch LX, Autom.	01/92->12/06	LA82
Civic Hatch Si	01/93->12/95	LA82
Civic Hatch VTI	01/92->12/98	LA82
Civic LS	96->	LA82
Civic LS / SRI	95->	LA82
Civic Lsi	01/95->12/95	LA82
Civic Lsi	12/91->12/94	LA82
Civic LX	01/92->12/97	LA82
Civic Nacional	2001->	LA82
Civic Sedã LX / LXL / Aut.	01/01->12/05	LA122/S
Civic Sedã LXB	01/97->12/00	LA82
Civic Sedã LXB	01/01->12/05	LA122/S
Civic Sedã LXL / Aut.	01/05->12/06	LA122/S
Civic Sedan/ Hatchback	96->00	LA82
Civic VI	11/95->04/01	LA82
Civic VI LX	01/99->12/00	LA82
CRV	95->	LA82
CRV (LX/LXS) Aut./Mec.	2008->	LA344
CRV ES / LS 4X4	97->	LA82
Fit	2006->2008	LA668
Fit (LX / LXL / Aut.)	01/04->	LA668
Fit EX	06/2005->	LA668
Fit Flex (LX / LXL)	01/04->	LA668
Fit Todos (adaptação)	2003->2007	LA155

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### HONDA

New Civic (EXS/LXS) Aut./Mec.	2013->	LA344
New Civic (EXS/LXS) Aut./Mec.	2013->	LA344
New Civic (sedã EXS / LXS / autom.)	01/07->	LA344
New Civic Sedã EXS / LX / Aut.	01/07->	LA344
New Civic Si		LA344
New Fit	2009->	LA607
New Fit	2009->	LA607

### HYUNDAI

Azera	10->	LA886
Azera (Sedã/GLS) Aut.	01/07->10	LA343
Elantra	2012->	LA955
Genesis	01/2008->	LA301
Genesis	01/2008->	LA301
HB20	2012->	LA301
HB20	2012->	LA301
I30	2009->	LA648
I40	03/2012->	LA301
I40	03/2012->	LA301
I40	03/2012->	LA301
IX35	01/2010->	LA301
Santa Fé	08/09->	LA886
Santa Fé	03/06->12/09	LA343
Santa Fé GLS Tiptronic	2012->	LA1048
Santa Fé GLS Tiptronic	00->05	LA444/S
Santa Fé GLS Tiptronic	2010->	LA1048
Sonata	10->	LA819
Sonata (GLS)	06/05->	LA343
Tucson	2005->	LA301
Tucson	2004->2006	LA301
Tucson	2006->	LA301
Tucson	2004->2006	LA608
Tucson	07->	LA608
Tucson	2004->2005	LA608
Tucson	2006->	LA301
Vera Cruz	08/07->10	LA643

### INFINITI

FX 35 (AWD/RWD)	04->08	LA1040
FX 45 (AWD/RWD)	03->08	LA1040

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## INFINITI

G 35 (Coupé/Sedã)	06->08	LA1040
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## IVECO

Daily	98->	LA123
Daily		LA123
Daily		LA123
Daily		LA123
Daily		LA123
Daily		LA123
Daily	2008->	LA439
Daily	97->	LA123
Daily 35 S 14	01/08->	LA123
Daily 35.10	01/96->04/02	LA123
Daily 35.10	05/02->	LA123
Daily 35.13	01/96->04/02	LA123
Daily 35.13	05/02->	LA123
Daily 38.13	01/05->	LA123
Daily 40.13	01/05->	LA123
Daily 45 S 14	01/08->	LA123
Daily 50 C 16	01/08->	LA123
Daily 50.13	01/03->	LA123
Daily 55 S 14	01/08->	LA123
Daily 60.13 (Scudato)	01/06->	LA123
Daily 70 C 16	01/08->	LA123
Daily 70.13	01/05->	LA123
Daily Truck	97->	LA123
STRALIS	08->	LA170

## JAC MOTORS

J3 / J3 Turin	2011->	LA698
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## JOHN DEERE

Tratores 7715 / 7815 / 8230 / 8430		LA676
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## KIA MOTORS

Cadenza	10->	LA819
Carens II	10/2006->	LA301
Carnival	06->	LA298
Cerato	01/2008->	LA301
Cerato	2007->	LA298



**MAHLE**  
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## KIA MOTORS

Cerato (Modelo Novo)	2013->	LA955
Magentis	02/06->12/08	LA343
Mohave	2009->	LA298
Opirus	04->07	LA1046
Opirus	08->	LA1046
Picanto	2004->	LA649
Sorento	01/04->12/05	LA343
Sorento	06->	LA301
Sorento	2010->	LA298
Sorento CDRI (EX/LX/LXE) Aut./Mec.	2006->	LA444/S
Soul	2009->	LA531
Soul	2009->	LA531
Sportage	2005->	LA301
Sportage	2005->	LA301

## LAMBORGHINI

Gallardo Aut.	2003->	LA1030/S
Gallardo Aut.	2008->	LA1030/S

## LAND ROVER

Discovery III (HSE/S/SE) Aut.	05->09	LA1037
Discovery III (HSE/S/SE) Aut.	05->09	LA1037
Discovery III (HSE/S/SE) Aut.	05->09	LA1037
Discovery IV (HSE) Aut.	2010->	LA1037
Discovery IV (HSE/S/SE) Aut.	10->12	LA1037
Discovery IV (HSE/S/SE) Aut.	2010->	LA1037
Evoque (DYNAMIC/PRESTIGE/PURE) Aut.	2011->	LA1039
Freelander I	98->00	LA1036
Freelander I	2000->	LA1036
Freelander I	03->05	LA1039
Freelander II (DYNAMIC/HSE/S/SE) Aut.	2011->	LA1039
Freelander II (HSE/S/SE/SPORT) Aut. SI 6	2010->	LA1039
Land Rover 400	09/95->	LA82
Range Rover III	02->	LAK62
Range Rover Sport Automático (HSE / SE)	2007->	LA1037
Range Rover Sport Automático (HSE)	2006->	LA1037
Range Rover Sport Automático (HSE)	2010->	LA1037
Range Rover Sport Automático (Supercharged)	2010->	LA1037

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## MAZDA

121 Dxi	96->97	LA77
121 GLX	91->95	LA77
121 GLX	96->	LA77
121 GSi / Zxi	96->	LA77

## MERCEDES BENZ

715C Accelo - 7t Série	01/02->	LA651
715C Accelo - 7t Série	01/02->04/07	LA651
715C Accelo - 7t Série	05/07->	LA651
9t - Série 915C Accelo		LA651
9t Série - 915C Accelo	01/02->04/07	LA651
9t Série - 915C Accelo	05/07->	LA651
Accelo		LA651
Actros 1831	96->	LA43
Actros 1835	96->	LA43
Actros 1840	96->	LA43
Actros 1843	96->	LA43
Actros 1848	96->	LA43
Actros 1853	96->	LA43
Actros 2031	96->	LA43
Atego		LA677
Atego		LA677
Atego 1315	->10/06	LA677
Atego 1418	->10/06	LA677
Atego 1518	->10/06	LA677
Atego 1718	->10/06	LA677
Atego 1725	->10/06	LA677
Atego 2425	->10/06	LA677
Atego II 1315	05/07->	LA677
Atego II 1315	11/06->04/07	LA677
Atego II 1418	05/07->	LA677
Atego II 1418	11/06->04/07	LA677
Atego II 1518	05/07->	LA677
Atego II 1518	11/06->04/07	LA677
Atego II 1718	05/07->	LA677
Atego II 1718	11/06->04/07	LA677
Atego II 1725	05/07->	LA677
Atego II 1725	11/06->04/07	LA677
Atego II 1728	07/07->	LA677
Atego II 2425	05/07->	LA677



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**MERCEDES BENZ**

Atego II 2425	11/06->04/07	LA677
Atego II 2428	07/07->	LA677
Axor 1933 S	01/05->04/07	LA678
Axor 1933 S	05/07->	LA678
Caminhão Canavieiro c/ cabines FPN / NPN 693810		LA697
CL63 AMG	09/01->08/03	LA47/S
Classe A	99->	LAK81 LA81
Classe A 200 (W169 - Elegance)	06->10	LA1058
Classe B 170 (W245)	05->09	LA1058
Classe B 180 (W245 - Confort / Family)	09->	LA1058
Classe B 200 (W245 - Sport)	06->	LA1058
Classe C	04/93->	LA37
Classe C: C240, C43 AMG	06/97->03/01	LA37
Classe C: C280	06/97->05/00	LA37
Classe C: C32 AMG	02/01->08/03	LA37
Classe C: C320, CL600	03/00->08/03	LA37
Classe C: CL500, CL55 AMG	09/99->08/03	LA37
Classe C: CLK320	06/97->08/03	LA37
Classe C: CLK430	07/98->06/02	LA37
Classe C: CLK500	06/02->08/03	LA37
Classe E	06/95->	LA37
Classe E: E240, E430, E55 AMG	06/97->08/03	LA37
Classe E: E280, E320	12/96->08/03	LA37
Classe M: ML320	02/98->08/02	LAK98
Classe M: ML430	02/98->08/03	LAK98
Classe S: S280, S430, S500	10/98->08/03	LA47/S
Classe S: S320	10/98->12/99	LA47/S
Classe S: S350	09/02->08/03	LA47/S
Classe S: S55 AMG, S600	04/99->08/03	LA47/S
Classe S: S63 AMG	09/01->08/03	LA47/S
Classe SLK: SLK32 AMG, SLK320	03/01->08/03	LA37
CLK	02/97->	LA37
CLK55 AMG	09/02->08/03	LA37
E200,190/200D		LA37
Série C 43/240/280, CLK320/430, E320/430, S320/S430		LA37
Série C, 200/220/250, Série E, 200/250/300, Série S, 350, 190/200/250D, 300D/SD/SEL, 250/290/300/350GD, D208/308/508, 21-0/310D, Korando/Musso2.3D/2.9, StillR70		LA37
Série C, SérieE /190/200/220/230/240/250/260/ 280/300/320,207D		LA37
Série C, 180/200/220/230/280, CLK200/230, SerieE, 200/220/230/280/320,SLK200/230, Serie V, 200/230/300E/CE/SL, 320E/CE/TE, Vito 113/114, Sprinter214, Ssangyong Musso/Morando 2.0/3.2, VW LT28,LT35		LA37
Série D,200/250/300, Série E,200/230/260/ 300/420/500, 300SE/SEL,400SE/SEL,500SE/SEL, 600SE/SEL, Série S 28-0/320/420/500/600/300/ 350, Série SL280/320/500		LA37

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## MERCEDES BENZ

Série E 200/220, Ssangyong Musso 2.0/ Korando 2.0		LA37
Série E 200/220/230/240/250/280/ 290/300/320/ 420/430		LA37
Série E 280/320		LA37
Série E 300, 260, 300		LA37
Série E, 420/500, Série S 400/420/500/400		LA37
Série E, 50/55/420/500, Serie S, 400/420/500, 500SE/SEL/SL		LA37
Série E,190/260/400/420/230/280/320/300/500, SerieS,280/320/400/500,serie SL,280/320/500/600		LA37
Série OM 600: MB Sprinter		LA83
Série S/280/320/300		LA47/S
Série S/280/320/430/500, G320		LA47/S
Série W210 - modelos "E"	06/95->	LA47/S
Série W210 - modelos "E"	06/95->	LA47/S(3)
SérieC 180/200/220/230/240/250/280, CLK200/230/320, Serie E200/220/230/240/250/ 280/290/300/320/420/430, SLK200		LAK37
SérieC 180/200/220/280/320/190/230/260/300/350/380/450/		LA37
SérieC,180/200/220/230/280, CLK,200/230, SerieE ,200/230/280/300/400/420/500/600, Serie SL,600/280/320/500/600,SLK 200,serieV,200/230		LA37
SérieC,180/200/220/280/320/190/230/260/300/350/380/450/		LA37
SérieC180/200/220/250/280/230/250/300/290/320/190/240/380/420 (Transmissão)		LA37
SLK 200/230		LA37
SPRINTER 310	01/97->12/00	LA83
SPRINTER 311		LA83
SPRINTER 311 CDI	01/01->12/04	LA83
SPRINTER 311 CDI	2012->	LAK1002
SPRINTER 312	01/00->12/02	LA83
SPRINTER 312D	01/00->12/01	LA83
SPRINTER 313 CDI		LA83
SPRINTER 313 CDI	01/02->	LA83
SPRINTER 412D	01/00->12/02	LA83
SPRINTER 413 CDI	01/02->	LA83
SPRINTER 415 CDI	2012->	LAK1002
SPRINTER 515 CDI	2012->	LAK1002
SPRINTER I 308-316 (903)		LA83
W140S600, SE/SEL		LA47/S

## MINI

Cooper (R55/R56 - Cabrio/Roadster/Coupé) Aut./Mec.	08->	LA1056
Cooper S (R55/R56 - Cabrio/Roadster/Coupé) Aut./Mec.	08->	LA1056

## MITSUBISHI

Airtrek - Aut.	03->08	LA1003 LAK1003
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### MITSUBISHI

Airtrek - Mec.	06->07	LA1003 LAK1003
ASX (AWD/FWD/Top) Aut. / Mec.	2010->	LA1047
Grandis - Aut.	2005->	LA1003 LAK1003
L200 Triton	2010->	LA1003 LAK1003
Lancer Evolution (VII/VIII/IX) Mec.	03->07	LA1003 LAK1003
Lancer Evolution (X) Aut.	2009->	LA1003 LAK1003
Outlander Aut.	2010->	LA1047
Outlander Aut.	2008->	LA1047
Outlander Aut. (GT/GT4)	2008->	LA1047
Pajero TR4	06/07->	LA611/S
Pajero TR4/4x4/Aut.	01/2003->	LA611/S

### NEW HOLLAND

Colheitadeira TC55		LA883
Colheitadeira TC57		LA883
Colheitadeira TC59		LA883

### NISSAN

Frontier	2012->	LA817/S
Frontier	12/07->	LA817/S
Frontier (Nacional - LE / SEL / SE / XE) Aut./Mec.	2010->2011	LA817/S
Frontier (Tailandesa - LE / SEL / SE / XE) Aut./Mec.	2008->	LA817/S
Grand Livina	09->	LA818
Livina	09->	LA818
Livina	09->	LA818
March	2011->	LA903
March	2011->	LA903
Murano (LE/S/SE/SL/LE)	07->09	LA1040
Pathfinder	06->	LA817/S
Pathfinder	06->	LA817/S
Sentra S/SL	08/09->09/13	LA396
Sentra S/SL	03/07->12/09	LA396
Sentra S/SL/SV	14->	LA1102
Tiida	08/07->	LA818
Versa	2011->	LA903

### PEUGEOT

106, 205, 206, 306, 405, 406	99->	LA57
206	00->	LA57

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## PEUGEOT

206	01/00->	LA57
206	07/00->	LA57
206	03->05	LA57
206	06->	LA57
206	03->05	LA57
206	07/00->	LA57
206	99->	LA57
206	10/00->	LA57
206	10/00->05	LA57
206	08/98->12/00	LA57
206	08/98->12/00	LA57
206	09/00->	LA57
206 (Feline / Holiday / Presence / SW Presence)	01/04->	LA57
206 (Holy./Rall./Selec./Pres./SW/Escap./Felin./Tech.)	01/05->	LA57
206 (nacional)	00->	LA57
206 (Pass./Rallye/Soleil/Quick./SW/Felin./Pres./Tech)	01/01->	LA57
206 Escapade		LA57
207	05/08->	LA57
207 (X-Line / XR / XR-S)	05/08->	LA57
207 (XS/ XS Aut. / Escapade)	05/08->	LA57
208	03/13->	LA1099/S
208	03/13->	LA1099/S
3008 (Allure/Crossover)	2010->	LA428/S
307	08/00->	LA138
307	->07	LA138
307	05->	LA138
307	08/00->	LA138
307	04->	LA138
307	06/07->	LA138
307	08/07->	LA138
307 (Sedan / Presence / Presence Pack)	01/07->	LA138
307 (Todos modelos)	01/03->05/07	LA138
308	2012->	LA138
308	2012->	LA138
404 GLI	92->9/95	LA9
405	91->08/93	LA9
405	92->08/93	LA9
405	08/92->12/96	LA9
405	92->	LA9
405	09/87->09/92	LA9

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## PEUGEOT

405	01/87->12/92	LA9
405	07/87->06/88	LA9
405	07/87->12/92	LA9
405	10/89->12/92	LA9
405	08/92->12/96	LA9
405	94->	LA9
405	94->98	LA9
405	02/95->	LA9
405	10/92->01/95	LA9
405	08/92->12/96	LA9
405	10/90->09/92	LA9
405	09/87->10/92	LA9
405	07/87->12/92	LA9
405	07/88->12/92	LA9
405	07/88->12/92	LA9
405	01/99->11/00	LA9
405	94->	LA9
405	06/94->12/95	LA9
405	08/92->12/96	LA9
405	08/92->12/96	LA9
405	94->98	LA9
405	92->	LA9
405	99->	LA9
405 GLI	94->98	LA9
405 SRi Break	94->	LA9
406	94->98	LA32
406	02/95->10/95	LA32
406	11/95->	LA32
406	10/95->	LA32
406	94->98	LA32
406	11/95->	LA32
406	11/95->	LA32
406	7/96->	LA32
406	02/97->	LA32
406	95->	LA32
406	99->	LA32
406 Coupé	01/99->11/00	LA32
407 (ALLURE/ PRESENCE) Aut./Mec.	2006->	LA1033
407 (FELINE/GRIFFE) Aut./Mec.	2005->	LA1033
407 Aut./Mec.	2005->	LA1033

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## PEUGEOT

408	2012->	LA138
408	2012->	LA138
408 (GRIFFE) Tiptronic	2012->	LA1033
605	06/89->12/99	LA26
605	07/94->12/99	LA26
605	8/94->	LA26
605	06/89->12/99	LA26
605	07/92->12/99	LA26
605	8/94->	LA26
605	04/97->12/99	LA26
605	8/94->	LA26
605	95->	LA26
605 SLD/SRD/SLDT/SRDT/SVDT	10/90->7/94	LA26
605 SR/SV	8/94->	LA26
605 SRI	94->	LA26
807 Aut.	->04	LA1057
Boxer	97->	LA123
Boxer	01/05->	LA123
Boxer I	03/94->03/02	LA123
Boxer I	07/97->12/00	LA123
Boxer I	01/97->12/00	LA123
Boxer I	09/00->03/02	LA123
Boxer I	97->	LA123
Boxer II	02/02->	LA123
Hoggar (Escapade)	04/10->	LA57
Hoggar (X-Line / XR)	04/10->	LA57
Partner	07/00->	LA8
Partner	07/00->	LA8
Partner	10/00->10/02	LA8
Partner	07/01->	LA8
Partner	07/00->	LA8
Partner	07/00->	LA8
Partner	07/01->	LA8
Partner (Ranch)	01/03->	LA8
Partner (Ranch)	05/97->12/02	LA8(3)
Partner (Ranch)	06/96->12/02	LA8(3)
Partner Furgão	2005->	LA8
Partner Furgão	2010->	LA184
RCZ	2011->	LA138

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## PORSCHE

Cayenne	03->07	LA907
Cayenne	01->07	LA907
Cayenne	02->07	LA907
Cayenne	07->	LA907

## RENAULT

Clio	2013->	LA87
Clio	01/06->	LA609
Clio	12/05->06	LA87
Clio	01/00->	LA87
Clio	07->	LA609
Clio	01/01->12/03	LA87
Clio	01/04->	LA87
Clio	00->	LA87
Clio	2005->	LA87
Clio	01/95->12/99	LA87
Clio	01/03->	LA87
Clio	09/98->	LA87
Clio	01/99->	LA87
Clio (BR)	01/00->	LA87
Clio (BR)	01/06->	LA87
Clio (BR)	01/98->	LA87
Clio I - Europeu	01/91->08/95	LA87
Clio II	97->	LA87
Clio II	09/98->09/05	LA87
Duster	10/11->	LA1032
Duster	10/11->	LA1032
Fluence	10->	LA820
Kangoo	00->	LA87
Kangoo	01->	LA609
Kangoo	07->	LA609
Kangoo	99->00	LA609
Kangoo / Kangoo Express, Rapid	97->	LA87
Kangoo Express, Rapid	11/97->00	LA87
Laguna	04/94->02/96	LA23
Laguna	96->	LA23
Laguna	96->	LA23
Laguna	93->96	LA23
Laguna	95->	LA23
Laguna	12/93->	LA23

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## RENAULT

Laguna	94->	LA23
Laguna II	99->	LA23
Laguna New	96->	LA23
Logan / Sandero	2010->	LA665
Megane	06->	LA606
Megane	96->98	LA33
Megane	99->	LA609
Megane	96->	LA33
Megane	96->98	LA33
Megane	01/05->	LA606
Megane	11/95->98	LA33
Megane Scenic I	97->	LA33
Megane Scenic I	97->	LA33
Megane Scenic II	99->	LA609
Megane Scenic II / Scenic RX4	09/99->	LA609
Scenic	01/99->	LA40 ->97 LA60 98-02
Scenic	->97	LA40 ->97 LA60 98-02
Scenic	2001->	LA40 ->97 LA60 98-02
Scenic	96->00	LA40 ->97 LA60 98-02
Scenic	99->	LA40 ->97 LA60 98-02
Scenic II	02->	LA40 ->97 LA60 98-02

## SCANIA

114 P/R/T	01/98->	LA432 LA650
114 P/R/T (Canavieiro)	01/97->	LA432 LA650
124 P/R/T	01/98->09/06	LA432 LA650
124 P/R/T	10/06->	LA432 LA702
124 P/R/T - Turbo e Intercooler	01/98->	LA432 LA650
124 P/R/T (Canavieiro)	03/99->09/06	LA432 LA650
124 P/R/T (Canavieiro)	10/06->	LA432 LA702
164 R	01/02->	LA432 LA650
94 P/R/T (CB/DB) (Canavieiro)	01/97->	LA432 LA650
94, 124 Série 4 - Classe D	98->	LA432 LA650
94, 124 Série 4 - Classe D	->06/98	LA432 LA650
G 380	11/06->	LA702
G 380	01/08->	LA702
G 420	11/06->	LA702
G 420	01/08->	LA702
G 440	11/06->	LA702
G 470	11/06->	LA702



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### SCANIA

G 470A 4x2/6x2/6x4/8x4 - G 420B 6x4	11->	LA702
G 480A 6x2	11->	LA702
LK 141	03->05	LA432
LS 110	05->05	LA432
LS 76	01->05	LA432
P 230	11/06->	LA432 LA702
P 230	01/04->	LA432 LA702
P 270	11/06->	LA432 LA702
P 270	01/04->	LA432 LA702
P 270A 4x2	11->	LA702
P 310	11/06->	LA432 LA702
P 310	01/04->	LA432 LA702
P 340	01/04->	LA702
P 340	11/06->	LA702
P 420	01/04->	LA432 LA702
P 420	11/06->	LA432 LA702
P 93 - H/HS	95->	LA432
P 94	01/98->	LA432
R 380	01/05->	LA432 LA702
R 380A 4x2/6x2	11->	LA702
R 420	11/06->	LA702
R 420 HighLine	01/08->	LA702
R 440	11/06->	LA702
R 440 HighLine	01/08->	LA702
R 470	11/06->	LA432 LA702
R 470 HighLine	01/08->	LA702
R 470A 4x2/6x2/6x4	11->	LA702
R 480	01/05->	LA432 LA702
R 500	11/06->	LA432 LA702
R 500 (HighLine)	01/08->	LA702
R 580B 6x4	11->	LA702
T 114 GA320/330/360	1998->	LA432

### SCANIA ÔNIBUS

F94	01/98->	LA432
K114	01/98->12/02	LA432
K114	01/03->	LA432
K124	01/98->	LA432
K124	01/03->	LA432

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## SCANIA ÔNIBUS

K230	01/05->	LA432
K270	01/05->	LA432
K310	01/05->	LA432
K340	01/05->	LA432
K360	01/05->	LA432
K380	01/05->	LA432
K420	01/05->	LA432
K94	01/98->	LA432
L113	97->	LA432
L94	01/05->	LA432
L94	03/97->12/04	LA432

## SEAT

Cordoba	97->	LA13->96 LA31 97->01 LA120 02->
Cordoba	01/94->12/96	LA13->96 LA31 97->01 LA120 02->
Cordoba	99->	LA13->96 LA31 97->01 LA120 02->
Cordoba	01/94->	LA13->96 LA31 97->01 LA120 02->
Cordoba	01/94->03/95	LA13->96 LA31 97->01 LA120 02->
Cordoba	01/94->	LA13->96 LA31 97->01 LA120 02->
Cordoba	93->	LA13->96 LA31 97->01 LA120 02->
Cordoba	1/94->	LA13->96 LA31 97->01 LA120 02->
Cordoba GT	01/94->	LA13->96 LA31 97->01 LA120 02->
Cordoba I	04/96->06/99	LA13->96 LA31 97->01 LA120 02->
Cordoba I	08/96->	LA13->96 LA31 97->01 LA120 02->
Cordoba I	10/93->06/99	LA13->96 LA31 97->01 LA120 02->
Cordoba I	10/94->06/99	LA13->96 LA31 97->01 LA120 02->
Cordoba I	10/93->06/99	LA13->96 LA31 97->01 LA120 02->
Cordoba I	08/96->06/99	LA13->96 LA31 97->01 LA120 02->
Cordoba II	06/99->12/02	LA13->96 LA31 97->01 LA120 02->
Cordoba II	06/99->12/02	LA13->96 LA31 97->01 LA120 02->
Cordoba III	02/03->	LA13->96 LA31 97->01 LA120 02->
Cordoba, Ibiza	95->97	LA13->96 LA31 97->01 LA120 02->
Ibiza	10/93->12/96	LA31
Ibiza	05/92->09/93	LA31



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## SEAT

Ibiza	10/93->6/94	LA31
Ibiza	05/94->	LA31
Ibiza	98->	LA31
Ibiza	10/93->	LA31
Ibiza	10/93->12/96	LA31
Ibiza	93->	LA31
Ibiza	10/93->	LA31
Ibiza	02/87->93	LA31
Ibiza Cupra Sport	12/96->	LA31
Ibiza GLD/LD	->92	LA31
Ibiza GT	10/93->	LA31
Ibiza Gti	10/93->	LA31
Ibiza II	05/94->08/99	LA31
Ibiza II	04/96->08/99	LA31
Ibiza II	11/93->08/99	LA31
Ibiza III	08/99->02/02	LA31
Ibiza III	08/99->02/02	LA31
Ibiza IV	02/03->	LA31
Ibiza L/GL/GLX	->93	LA31
Ibiza Sportline	04/92->09/93	LA31
Ibiza Sxi	89->93	LA31
Inca	96->	LA31
Inca	99->	LA31
Inca	96->	LA31
Inca	11/95->10/00	LA31
Inca	96->	LA31
Inca Van	96->	LA31
Inca Van	->00	LA31
Inca Van	96->	LA31
Toledo	08/94->	LA31
Van	95->	LA31

## SUBARU

Forester (LX/S) Aut.	06->08	LA1045
Forester (Premium/Touring/Limited) Aut./Mec.	06->08	LA1045
Impreza (Série I - SD / GX / RX / WRX) Aut./Mec.	00->05	LA1045
Impreza (Série II - SD / R) Aut./Mec.	05->07	LA1045
Impreza (Série II - SD / WRX) Aut./Mec.	05->07	LA1045
Legacy (Série III - R H6) Aut.	2005->	LA1041
Outback (Série II - H6 SW) Aut.	2004->	LA1041

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## SUBARU

Outback (Série II) Aut. / Mec.	03->06	LA1041
Tribeca (Limited) Aut.	08->11	LA1041

## SUZUKI

Grand Vitara	98->09	LA654/S
Grand Vitara (GOLD/LIMITED/SPORT TOP LINE) Mec.	2008->	LA1043
Grand Vitara Aut./Mec.	2008->	LA1043
Jimny (4S / 4 Sport / 4 Work) Aut./Mec.	2009->	LA1044
Jimny (Wide / 4 All / S) Aut./Mec.	98->03	LA1044
SX4	2010->	LA682

## THERMO KING

Sistema Thermo king LRTBR - Ônibus Rodoviário	05->	LA696
Sistema Thermo king LRTSP - Ônibus Rodoviário	06->	LA692
Sistema Thermo king LRTSP - Ônibus Rodoviário	06->	LA693

## TOYOTA

Camry (XLE Aut)	2007->	LA655
Camry XLE	02->06	LA1042
Corolla (Altis/XEi/XRS) Automático	2010->	LA655
Corolla (Fielder SE-G / XEi / XLi / Aut.)	03/07->12/07	LA109
Corolla (GLI) Aut./Mec.	97->01	LA1001
Corolla (NOVO SEG-G/XEi/XLi)	01/08->	LA655
Corolla (S / Aut.)	01/07->12/07	LA109
Corolla (SE-G / XEi / XLi / Aut.)	03/07->12/07	LA109
Corolla (SE-G/XEi/XLi) Aut./Mec.	00->01	LA1001
Corolla (XLi / Aut.)	03->07	LA395
Corolla / Fielder	03->07	LA395
Corolla/Fielder (SE-G/XEi/Xli/Aut)	2009->	LA655
Etios	2012->	LA1103
Hilux (CD D4-D 4x2 / 4x4)	01/06->	LA655
Hilux (CDSRV / CDSRV TBI)	06->	LA655
Hilux (Chassi D4-D 4x4)	01/06->	LA655
Hilux (CS D4-D 4x2 / 4x4)	01/06->	LA655
Hilux (D/C DX AC 4x2-4x4/ S/C DX AC 4x2-4x4/)	05->	LA655
Hilux (D/C SR TBI - D/C SR SRV 4x4 - SW NEW AT/MT)	05->	LA655
Hilux (D/C SRV 4x2- Turbo 4x4)	01->	LA655
Hilux (D4-D CD /SR /SRV /SW4 /4x2 /4x4 /Aut.)	01/06->	LA655
Land Cruiser (Prado) Aut./Mec.	04->	LA1041
Lexus	2006->	LA655

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### TOYOTA

Prado	2009->	LA647
RAV4 (4x4/Aut)	2006->	LA655

### VALMET

Trator 1280, 1780, 1880 / Trator linha BH, BM		LA954 LAK954
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### VOLKSWAGEN

13180 (Constellation)	10/06->	LA652/S
15180 (Constellation)	10/06->	LA652/S
17250 E Worker / Constellation	07/03->	LA652/S
19320 Constellation	01/05->	LA652/S
24250 Worker / Constellation	07/03->	LA652/S
25370E Constellation	07/07->	LA652/S
31320E Constellation 6X4	02/07->	LA652/S
Amarok	10->	LA907
Bora	10/98->	LA31
Bora	01/00->	LAK63
Bora I	10/98->	LA31
Bora I	10/98->	LA31
Bora I	10/00->	LA31
Cross Fox GPR	09/06->	LA120
Fox	03->	LA120
Fox (Gasolina)	10/03->	LA120
Fox (Total Flex)	06/13->	LA1098
Fox Cross/GPR	04/08->	LA120
Fox Cross/GPR	09/06->03/08	LA120
Fox Total Flex	03->	LA120
Fox Total Flex	08->	LA120
Fox Total Flex	01/04->03/08	LA120
Fox Total Flex	04/08->	LA120
Gol	01->04	LA591
Gol	95->96	LA591
Gol	96->	LA591
Gol	90->95	LA591
Gol	97->	LA591
Gol	86->95	LA591
Gol	95->97	LA591
Gol (Álcool)	01/98->	LA591
Gol (Álcool)	01/94->	LA591

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## VOLKSWAGEN

	ANO / YEAR	
Gol (Álcool)	01/02->12/06	LA591
Gol (Álcool)	01/94->12/97	LA591
Gol (Álcool)	01/97->12/98	LA591
Gol (Álcool)	01/94->12/97	LA591
Gol (Gasolina)	01/02->12/06	LA591
Gol (Gasolina)	01/97->12/01	LA591
Gol (Gasolina)	01/02->12/04	LA591
Gol (Gasolina)	01/96->	LA591
Gol (Gasolina)	01/02->	LA591
Gol (Gasolina)	01/96->	LA591
Gol (Gasolina)	01/04->	LA591
Gol (Gasolina)	01/96->12/02	LA591
Gol (Gasolina)	01/94->12/01	LA591
Gol (Total Flex)	01/03->	LA591
Gol AP EFI	01/95->12/00	LA591
Gol CFI	95->96	LA591
Gol CFI (Gasolina)	01/94->12/96	LA591
Gol CFI (Gasolina)	01/94->12/96	LA591
Gol G4 (Total Flex)	05->	LA591
Gol G5 (Total Flex)	03/08->	LA120
Gol G5 (Total Flex)	03/08->	LA120
Gol G6 (Total Flex)	13->	LA1098
Gol G6 (Total Flex)	13->	LA1098
Gol GT	95->	LA591
Gol GTI	96->	LA591
Gol GTI	01/96->12/02	LA591
Gol GTI (Injeção Eletrônica)	89->96	LA591
Gol Plus	95->96	LA591
Gol Power	01->	LA591
Gol, Parati	97->	LA591
Gol, Parati	05->	LA591
Gol, Parati	00->	LA591
Gol, Parati	05->	LA591
Gol, Parati Power		LA591
Gol, Parati, Saveiro	97->	LA591
Gol, Parati, Saveiro	03->	LA591
Gol, Saveiro	95->96	LA591
Golf	01->	LA13->93 LA31 93->
Golf	01/99->12/01	LAK63

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**VOLKSWAGEN**

Golf	01/98->12/01	LAK63
Golf	01/99->	LAK63
Golf	03/07->	LAK63
Golf	96->98	LA13->93 LA31 93->
Golf (nacional)	01/98->05/01	LA13->93 LA31 93->
Golf (nacional)	06/01->	LA13->93 LA31 93->
Golf (nacional)	06/01->	LA13->93 LA31 93->
Golf (Nacional)	06/01->	LA13->93 LA31 93->
Golf GL-GLX	93->98	LA13->93 LA31 93->
Golf III	11/91->04/99	LA13->93 LA31 93->
Golf III	11/91->04/99	LA13->93 LA31 93->
Golf III	95->	LA13->93 LA31 93->
Golf III	08/92->07/97	LA13->93 LA31 93->
Golf III	11/91->07/97	LA13->93 LA31 93->
Golf III, Vento	->7/93	LA13->93 LA31 93->
Golf III, Vento	08/93->09/97	LA13->93 LA31 93->
Golf Importado	94->98	LA13->93 LA31 93->
Golf IV	08/97->	LA13->93 LA31 93->
Golf IV	08/97->	LA13->93 LA31 93->
Golf IV	98->05/01	LA13->93 LA31 93->
Golf IV		LA13->93 LA31 93->
Golf IV	08/97->	LA13->93 LA31 93->
Golf IV	09/01->	LA13->93 LA31 93->
Golf IV	06/98->	LA13->93 LA31 93->
Golf IV	01/98->05/01	LA13->93 LA31 93->
Golf VR6	96->98	LA13->93 LA31 93->
Jetta	09/06->	LAK181
New Beetle	09/01->	LA31
New Beetle	98->	LA31
New Beetle / New Beetle Cabrio	01/99->	LAK63
Parati (Alcool)	01/97->12/06	LA605
Parati (Alcool)	01/97->12/98	LA605
Parati (Alcool)	01/95->12/98	LA605
Parati (Álcool)	01/95->12/97	LA605
Parati (Álcool)	06/02->12/06	LA591
Parati (Álcool)	01/95->12/97	LA605
Parati (Gasolina)	01/02->12/06	LA591
Parati (Gasolina)	01/97->12/04	LA591

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## VOLKSWAGEN

	ANO / YEAR	
Parati (Gasolina)	01/97->12/02	LA591
Parati (Gasolina)	01/00->05/02	LA591
Parati (Gasolina)	01/95->12/96	LA591
Parati (Gasolina)	01/96->	LA591
Parati (Gasolina)	01/95->12/96	LA591
Parati (Gasolina)	01/97->	LA591
Parati (Gasolina)	01/95->	LA591
Parati (Total Flex)	11/06->	LA591
Parati (Total Flex)	01/05->	LA591
Parati Multipoint (Gasolina)	02/96->07/00	LA591
Passat	08/94->09/96	LA44
Passat (3A2/5, 35I)	01/94->05/97	LA44
Passat (3B2/3B5)	10/96->12/00	LA45
Passat (3B3/3B6)	11/00->09/05	LA45
Passat (3B3/3B6)	11/00->09/05	LA45
Passat/Variant	98->	LA31
Passat/Variant	->95	LA31
Passat/Variant	97	LA31
Passat/Variant	98->00	LA31
Passat/Variant L	95->97	LA31
Polo	01/02->12/05	LA120
Polo	03/02->	LA120
Polo	03/02->	LA120
Polo	11/04->12/07	LA120
Polo (Hatch/Sedan)	01/02->07/06	LA120
Polo Classic	06/98->12/03	LA31
Polo Classic CD	12/96->05/98	LA31
Polo GTI Turbo	01/06->	LA120
Polo III (6N2/KV2+5)	10/99->11/01	LA120
Polo IV	01/02->12/06	LA120
Polo Total Flex	05/08->	LA120
Saveiro	98->	LA605
Saveiro (Álcool)	01/97->12/06	LA605
Saveiro (Álcool)	01/97->	LA605
Saveiro (Gasolina)	01/98->	LA591
Saveiro (Gasolina)	01/96->12/97	LA605
Saveiro (Gasolina)	01/96->	LA591 LA605
Saveiro (Gasolina)	01/96->12/02	LA591
Saveiro (Total Flex)	01/03->	LA591

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## VOLKSWAGEN

Saveiro (Total Flex)	01/02->12/05	LA591
Saveiro G5 (Total Flex)	01/10->	LA120
Saveiro G6 (Total Flex)	13->	LA1098
Sp2, TC, TL, Variant, Variant II	75->81	LA605
SpaceFox Total Flex	01/06->03/08	LA120
SpaceFox Total Flex	04/08->	LA120
Touareg	04->07	LA907
Touareg	07->	LA907
Touareg	03->	LA907
Touareg	06->	LA907
Up!	13->	LA1101
Vento	11/91->10/98	LA13->93 LA31 93->
Vento	11/91->10/98	LA13->93 LA31 93->
Vento	95->	LA13->93 LA31 93->
Vento	11/91->10/98	LA13->93 LA31 93->
Vento	01/92->10/98	LA13->93 LA31 93->
Vento VR6		LA13->93 LA31 93->
Voyage Total Flex	09/08->	LA120
Voyage Total Flex	09/08->	LA120

## VOLVO

C70 (Cabriolet/Coupé) Aut.	01->02	LA1035
Caminhão - N10 / NL10 / N12 / NL12 (todos)		LA656
Caminhão NH - (todos)		LA138
FH 12 Globetrotter	98->	LA653
FH 12 Globetrotter - Volvo Importado	94->	LA653
FH 12.340	01/03->	LA653
FH 12.380	01/03->	LA653
FH 12.400	01/10->	LA653
FH 12.400	11/06->12/09	LA653
FH 12.420	01/96->	LA653
FH 12.420	01/03->	LA653
FH 12.440	01/10->	LA653
FH 12.440	11/06->12/09	LA653
FH 12.460	01/04->	LA653
FH 12.480	01/10->	LA653
FH 12.480	11/06->12/09	LA653
FH 12.520	01/10->	LA653
FH 12.520	11/06->12/09	LA653
FM 12	2004->	LA653

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## VOLVO

FM 12	99->	LA653
FM 12.340	01/00->	LA653
FM 12.340	01/03->	LA653
FM 12.380	01/01->	LA653
FM 12.380	01/03->	LA653
FM 12.400	11/06->	LA653
FM 12.420	01/00->	LA653
FM 12.420	01/03->	LA653
FM 12.440	11/06->	LA653
FM 12.460	01/04->	LA653
FM 12.480	11/06->	LA653
FM 12.480 (6x2) D12C 380	2001->	LA653
FM 12.520	11/06->	LA653
N10, 12 Turbo Intercooler	93->	LA656
N10, N12 4X2 - 4X6 - Intercooler I - II	80->	LA656
NH 12.340 / 360 / 380	98->	LA138
NL 10.280 / 340	89->97	LA656
NL 10.280 / 340	98->	LA656
NL 10.280 / 340	91->	LA656
NL 10.310	01/93->	LA656
NL 10.320 / 12.360 / 12.410 EDC	96->97	LA656
NL 10.320 D10A/ 12.360 TD123E / 12.140 TD123ES / NL320 D10A	98->	LA656
NL 12.400 Intercooler	93->	LA656
NL 360		LA656
S60	2011->	LA1039
S60	2011->	LA1039
S60	01->03	LA1035
S60	04->10	LA1035
S60	2001->2007	LA1035
S60	2001->	LA1035
S60	2012->	LA1039
S60 / S80	2003	LA1035
S70	2000	LA1035
S80	2000->	LA1035
S80	1998	LA1035
S80	99->	LA1035
S80	98->01	LA1035
S80	2007->	LA1039
S80	2007->	LA1039
V60	2013->	LA1039

FILTRO DO AR PARA CABINE /  
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## VOLVO

	ANO / YEAR	
V70	2000->	LA1035
V70	01->03	LA1035
V70	01->07	LA1035
V70	2010->	LA1039
V70	02->07	LA1035
VM	2003->	LA660
VM 17210	01/04->	LA660
VM 23210	01/04->	LA660
XC60	2008->	LA1039
XC70	02->08	LA1035
XC70	07->08	LA1035
XC90	05->07	LA1035
XC90	03->06	LA1035
XC90	2008->	LA1035
XC90	2005->	LA1035

FILTRO DO COMBUSTÍVEL - SEPARADOR DE ÁGUA / COPO REMOVÍVEL PARA FILTRO DO COMBUSTÍVEL  
 FUEL FILTER - WATER SEPARATOR / REMOVABLE BOWL FOR FUEL FILTER  
 FILTRO DE COMBUSTIBLE - SEPARADOR DE AGUA / VASO PLASTICO REMOVIBLE PARA FILTRO DE COMBUSTIBLE

APLICAÇÃO / APPLICATION	CÓDIGO / PART NUMBER	CÓDIGO / PART NUMBER
Iveco 503103529	<b>KC497D</b>	<b>0621 1700</b>
Mercedes Benz 0004771302; A0004771302	<b>KC200</b>	
Mercedes Benz 0004779415	<b>KC496D</b>	<b>0621 1718</b>
Mercedes Benz A3760927301	<b>KC127</b>	
Mercedes Benz A3820927005, AGCO 036530R1, John Deere DQ24057, Maxion 72040	<b>KC119</b>	<b>0621 1718</b>
Mercedes Benz A3844777015	<b>KC126</b>	<b>0621 1700</b>
Mercedes Benz A4570920001	<b>KC125</b>	<b>0621 1700</b>
Mercedes Benz A4760927201	<b>KC128</b>	
Mercedes Benz A9584770015	<b>KC501D</b>	<b>0621 1700</b>
Mercedes Benz Sprinter A0000926405, Maxion 72114 (Ranger, Land Rover, S-10)	<b>KC129</b>	
MWM 905411510019	<b>KC121</b>	<b>0621 1700</b>
Scania 1671502 (Power Pack - Motores Estacionários)	<b>KX88/1D</b>	
Scania 1675795, Volvo 8125469	<b>KX89/1D</b>	
Volvo 20480593; 20514654; 20998367	<b>KC495D</b>	
Volvo 20879812; 21380488	<b>KC498D</b>	
Volvo 8159975, Scania 1393640, GMC 93297277	<b>KC124</b>	<b>0621 1700</b>
Volvo Série NH e FH todos a partir de Junho/1999 - 3989632	<b>KC123</b>	<b>0621 1700</b>
VW 2R0127177C	<b>KC500D</b>	<b>0621 1700</b>
VW Caminhões 2TD127491A, Ford Caminhões FS1242	<b>KC118</b>	
VW Caminhões Série 2000 em diante	<b>KC120</b>	<b>0621 1718</b>
VW Ônibus Motor dianteiro 2RP127491	<b>KC122</b>	<b>0621 1700</b>
VW/ Ford Sedimentador 85HU9155A, com furo, sem sensor	<b>KC130</b>	
VW/ Ford Sedimentador 85TU9B64C, sem furo, sem sensor	<b>KC131</b>	

TABELA DE CONVERSÃO  
CROSS REFERENCE  
TABLA DE CONVERSIÓN

- MAHLE E METAL LEVE
- FRAM
- MANN
- TECFIL
- OUTRAS REFERÊNCIAS

MAHLE E METAL LEVE	FRAM	MANN	TECFIL	LINHA	APLICAÇÃO
0951127M1					MERCEDES BENZ
AL12	PFA5693	TB1374X	DSF0202		FORD/ IVECO/ MERCEDES BENZ/ SCANIA/ SCANIA ÔNIBUS/ VO-
AL14		TB1374/3X			SCANIA/ SCANIA ÔNIBUS
AL24					MERCEDES-BENZ/ VOLVO
FT6211700		BL4			
FT6211718					
HC101			PSH616		CLARK
HC102	P6893	WH980/3	PSH607		VOLVO
HC103			PSH693		JOHN DEERE
HC104		WH980	PSH025		CASE
HC105	P6893		PSH242		CASE
HC106			PSH582		CASE
HC107			PSH086		CASE
HC108			PSH793		CLARK
HC109	P7566		PSH235		CLARK
HC110			PSH236		CLARK
HC112	P6893	WH980/3			CASE/ CATERPILLAR/ JOHN DEERE
HC4		W1374/2	PSH766		CASE/ CUMMINS/ DEMAG BAGGER/ MONTANA PARRUDA/ SANTAL
HC45	PH2870A	W719/4	PSL561		FORD
HC76	P4637A	W950/8	PSH486		AGRALE/ FORD/ FORD TRATORES/ SLC
HC81	PH10229		PSH111		DYNAPAC/ KOMATSU
HC82		W1265	PSH112		MASSEY FERGUSON
HC83	P5573	W950/12	PSH306		VALMET
HC84	P4637A	W950/8	PSH96		AGRALE
HC85	P3961	W1290/1	PSH211		CASE
HC86			PSH012		CBT
HC96	PH8789	W930/14	PSH173		SCANIA/ SCANIA ÔNIBUS
HC99	P5158	W1374/2	PSH766		CASE
HX107			PH126		CASE
HX15	CH803APL	H601/4	PH346		AGRALE/ CASE/ CBT/ ENGESA/ FIAT/ FORD/ GM/ IVECO/ MERCE-
HX40		H710/1X			DIMEX/ EL DETALLE
HX50		H813/3	PTH800		VALMET
HX51D	C1664PL	H1291/1	PH520		CASE/ CBT/ CLARK/ HUBER WABCO/ MAXION/ MULLER/ SANTAL/
HX52	C1660	H1497/1	PH64		CATERPILLAR
HX53		H710	PH101		BOSCH
HX54		H914	PH663		MAXION/ SANTAL
HX55		56230054171	TH302		VALMET
HX56		56240053241	TH225		VALMET
HX57D		H1278	PH521		DYNAPAC
HX58	C4662	H119	PH538		FORD TRATORES
HX77		HU 721 x KIT	PEH314		VOLVO
KC107	P3401	WK940/7	PSC410		CASE/ CLARK/ CUMMINS/ DYNAPAC/ ENGESA/ FIAT ALLIS/ FORD/
KC113	P9368	WK731	PSC73/1		AGRALE/ AM HOIST/ ATLAS COPCO/ CASE/ CATERPILLAR/ DEMAG
KC114	P1104	WK950/13	PSC744		ATLAS COPCO/ CATERPILLAR/ DYNAPAC/ GARDNER DENVER/
KC118	PS6829	WK947/2	PSD960		FORD/ VOLKSWAGEN
KC119	PS6643	WK940/24	PSD530		AGRALE/ CASE/ GM/ MERCEDES BENZ
KC120	PS10606	WK940	PSD960/1		AGRALE
KC121	PS9029	WK1030	PSD450		AGRALE/ GM/ RENAULT/ VOLKSWAGEN
KC121/1	PS9029	WK1030	PSD450/1		AGRALE/ GM/ RENAULT/ VOLKSWAGEN
KC122	PS8187	WK1156/1	PSD460		FIAT/ GM/ MERCEDES BENZ/ MONTANA PARRUDA/ VOLKSWAGEN
KC123		WK1060/2	PSD490		MERCEDES BENZ
KC123/1	PS9028	WK1060/2	PSD490		SCANIA/ SCANIA ÔNIBUS/ VOLVO
KC124	PS8486A	WK1060/1	PSD470		SCANIA/ VOLVO
KC124/1	PS8486A	WK1060/1	PSD470/1		GM/ MONTANA PARRUDA/ VOLVO/ SCANIA
KC125	PS9026	WK1050/1	PSD480		IVECO/ MERCEDES BENZ

MAHLE E METAL LEVE	FRAM	MANN	TECFIL	LINHA	APLICAÇÃO
KC125/1	PS10610	WK1050/1	PSD480/1		IVECO/ MERCEDES BENZ
KC126	PS9027	WK1060/8x	PSD480/1		MERCEDES BENZ
KC126/1	PS9027	WK1060			MERCEDES BENZ
KC127	PS10609	WK1156/1	PSD460/1		MERCEDES BENZ/ VOLKSWAGEN
KC128	PS9624A	WK1156	PSD490/1		MERCEDES BENZ/ VOLVO
KC129					
KC129/1	PS8787	WK824	PSC406		FORD/ GM/ MERCEDES BENZ
KC130		WK854/1	PSD965		VOLKSWAGEN
KC131	PS10178		PSD964		FORD/ VOLKSWAGEN
KC132		WK710/5	PSC994		KIA MOTORS
KC133	P1103A	WK955/2	PSC172		ADAMS/ CASE/ CLARK/ CUMMINS/ DYNAPAC/ ENGESA/ FORD/
KC134	P8264		PSC745		GM
KC166			PSC411		CASE/ FORD
KC171		WK1149	PSC404		IVECO
KC18	P4587	WK842	PSC496		AGRALE/ ALFA ROMEO/ AUDI/ BMW/ CASE/ CITROEN/ FIAT/ FORD/
KC182		WK854/2	PSC455		IVECO
KC186		WK950/6	PSC494		IVECO
KC189		WK940/22	PSC993		NISSAN
KC200					MERCEDES BENZ
KC214	PS10061	WK950/19	PSC493		IVECO
KC22	P4159	WK814/1	PSC401		AUDI/ MERCEDES BENZ
KC222	P3376	WK11102/5	PSC085		CATERPILLAR
KC24	P4102	WK723	PSC72/2		AGRALE/ ATLAS COPCO/ BOB CAT/ CASE/ CUMMINS/ DYNAPAC/
KC251		WDK11102/9	PSC80		VOLVO
KC300					VOLVO
KC4	P4105	WK1162	PSC100		FIAT/ FIAT ALLIS/ MAXION/ NEW HOLLAND
KC437	P10607	WK1124	PSC491		VOLKSWAGEN
KC440	P9454	WK950/21	PSC403		FORD/ IVECO/ VOLKSWAGEN
KC441	P9422	WK940/10	PSC82		SCANIA/ SCANIA ÔNIBUS
KC46	P4886	WK920/1	PSC998		ASIA MOTORS/ HYUNDAI/ KIA MOTORS/ MITSUBISHI
KC489		PF420	PSD920/1		FORD/ MERCEDES BENZ
KC492	P10503	WK962/13	PSC353		AGRALE/ VOLKSWAGEN/ VOLVO
KC495D		WK940/26	PSD260		VOLVO
KC496D	PS10611				MERCEDES BENZ
KC497D					IVECO
KC498D		WK11001x	PSD261		VOLVO
KC500D		WK10002	PSD980		VOLKSWAGEN
KC501D	PSD10610	WK1060/4			MERCEDES BENZ
KC518	P5163	WK1139			NISSAN
KC6D	P4102/P4688	WK723			AGRALE/ BOB CAT/ CASE/ CLARK/ DYNAPAC/ FIAT ALLIS/ FORD/
KC75	P5694	WK962/7	PSC79		VOLVO
KC8					ASTRA/ DEUTZ/ KIROVETS/ LIEBHERR/ VOLVO
KC83	P4922	WK940/1	PSC999		HYUNDAI/ MITSUBISHI/ TOYOTA
KC94	P5797	WK940/12	PSC84		CASE/ SANTAL/ SCANIA/ SCANIA ÔNIBUS
KI24			FBT2350		HYUNDAI
KL100/2		WK842/13	PSC881		MERCEDES BENZ/ NISSAN
KL139		WK614/37			TOYOTA
KL140	G7612	WK614/36x			TOYOTA
KL156/3		WK69/2			VOLKSWAGEN
KL174		WK842/18	PSC882		MERCEDES BENZ
KL176/6D		WK59X			AUDI/ SEAT/ VOLKSWAGEN
KL185	G7599	WK68/1X	GI09		HONDA
KL19					FERRARI/ MERCEDES BENZ
KL2	G3829	WK830	GI01		ALFA ROMEO/ AUDI/ BMW/ CITROEN/ FIAT/ FORD/ GM/ LAND ROV-
KL222	G5188	WK48/3	AG68		AGRALE/ AUDI/ BMW/ CBT/ CHRYSLER/ CITROEN/ ENGESA/ FIAT/

MAHLE E METAL LEVE	FRAM	MANN	TECFIL	LINHA	APLICAÇÃO
<b>KL222/KL63</b>					
<b>KL223</b>	G7649	WK613/4	GI07		FORD
<b>KL223/1</b>	G8781	WK613/4	GI07/1		FORD/ VOLKSWAGEN
<b>KL224</b>	G3802A	WK712/4	GI06		
<b>KL224/1</b>	G9889F	WK712/4	GI06/7		CHERY/ FORD/ GM
<b>KL225</b>	G5471	WK47/1	GI02		GM
<b>KL225/1</b>		WK47/1	GI02/2		GM
<b>KL237</b>	G5738	WK613/3	GI08/1		SEAT/ VOLKSWAGEN
<b>KL237/1</b>	G5738	WK613/3	GI08/1		VOLKSWAGEN
<b>KL238D</b>	G7729	WK510	GI41		FIAT
<b>KL239/1</b>	G5493	WK513	GI40/7		FIAT
<b>KL316</b>		WK842/14			GM/ NISSAN
<b>KL33</b>	P4173	WK31/5			MAZDA/ MERCEDES BENZ
<b>KL41</b>	P4836	WK842/3	PSC498		AGRALE/ FORD/ GM/ HONDA/ LAND ROVER
<b>KL420</b>	G10226F	WK612/7	GI60/7		FORD
<b>KL422</b>		WK842/9	PSC453		VOLKSWAGEN
<b>KL425</b>		WK846	PSC451		FORD/ TROLLER
<b>KL428</b>					MITSUBISHI/ NISSAN
<b>KL440/4</b>					NISSAN
<b>KL445</b>		WK853/22	PSC452		MERCEDES BENZ
<b>KL446</b>					SSANGYONG
<b>KL465</b>	G9412				FORD
<b>KL490/1D</b>					MERCEDES BENZ
<b>KL582(Plus)</b>	G5995	WK58	GI04/7		ALFA ROMEO/ CHERY/ DAEWOO/ FIAT/ FORD/ GM/ HONDA/ MITSU-
<b>KL583(Plus)</b>	G10230F	WK612	GI50/7		CITROEN/ HYUNDAI/ KIA MOTORS/ NISSAN/ PEUGEOT/ RENAULT/
<b>KL60</b>	G6400	WK613	GI03		BMW/ CITROEN/ FIAT/ GM/ MITSUBISHI/ PEUGEOT/ SEAT/ VOLKS-
<b>KL60/2</b>	G6400	WK613	GI03/1		FIAT/ VOLKSWAGEN
<b>KL63</b>	G12	WK44/4	GU86		AGRALE/ ASIA MOTORS/ AUDI/ BMW/ CBT/ CHRYSLER/ CITROEN/
<b>KL635</b>	G9892F	WK730/6	GI12/7		HONDA/ VOLKSWAGEN
<b>KL66</b>	G5774	WK516/1			BMW
<b>KL72</b>	G5857				CITROEN/ PEUGEOT/ RENAULT
<b>KL740</b>					HONDA
<b>KL741</b>					HONDA
<b>KL747</b>		WK940/35	PSC454		GM/ NISSAN
<b>KL75</b>	P5328	WK842/4	PSC498/1		FORD/ GM/ SEAT/ VOLKSWAGEN
<b>KL761</b>		WK853/15	PSC498/2		FORD
<b>KL774</b>		WK718/1			FORD/ PUMA/ VOLKSWAGEN
<b>KL79</b>	G5870	WK730/1	GI10		AUDI/ VOLKSWAGEN
<b>KL79/3</b>	G5870	WK730/1	GI10		AUDI/ VOLKSWAGEN
<b>KL796</b>			PFC15		CASE/ FORD
<b>KL83</b>	G5540	WK58	GI04		ALFA ROMEO/ DAEWOO/ FIAT/ FORD/ GM
<b>KL84</b>					SEAT/ VOLKSWAGEN
<b>KL87</b>		WK711/1			MERCEDES BENZ
<b>KL870</b>					CASE/ JOHN DEERE/ KOMATSU/ NEW HOLLAND/ STEYR-DAIMLER-
<b>KL928</b>					SSANGYONG
<b>KX182/1D</b>	C9517	PU941x	PEC3024		SCANIA/ SCANIA ÔNIBUS
<b>KX182D</b>					SCANIA
<b>KX206D</b>			PC948		RENAULT
<b>KX208D</b>	C10705	PU723X	PEC3023		CITROEN/ FIAT/ PEUGEOT
<b>KX212</b>					TROLLER
<b>KX218D</b>	C9927ECO	P718/1X	PC947		RENAULT
<b>KX23</b>	C1191	P917X	PC2/155		AGRALE/ ATLAS COPCO/ BAMBOZZI/ BANTAN/ BARBER GREENE/
<b>KX24</b>	C4163	P945X	PC2/255		CHRYSLER/ CLARK/ FORD TRATORES/ GM/ MASSEY FERGUSON/
<b>KX25</b>	CH816PL	P824	PC162A		CASE/ MAXION
<b>KX268D</b>	C10353	PU835X	PC949		TOYOTA

MAHLE E METAL LEVE	FRAM	MANN	TECFIL	LINHA	APLICAÇÃO
KX269			PC946		IVECO
KX35	C11860PL	P707	PC945		AGRALE/ BANTAN/ BOSCH/ CASE/ CBT/ CHRYSLER/ CLARK/
KX36	C11861PL	P811			BOSCH/ EATON YALE/ MERCEDES BENZ
KX43	C11860ZP	BFU707	FC161		AGRALE/ BANTAN/ BARBER GREENE/ CASE/ CBT/ CHRYSLER/
KX44	C11861ZP	BFU811SCI	FC165		ATLAS COPCO/ CASE/ DEUTZ/ DYNAPAC/ EATON YALE/ FIAT
KX446D					CITROEN/ GM/ SUZUKI
KX447D					DODGE
KX49	C11864ZP	BFU700SCI	FC164		MERCEDES BENZ/ SLC
KX67/2D	C8826	PU1046X	PEC3022		MERCEDES BENZ
KX72D1					MERCEDES BENZ
KX80D	C5932ECO	PU999/1X	PEC3021		MERCEDES BENZ
KX88/1D	CS3504	P1278/1	PD202		SCANIA
KX89/2D	CS3558	P1234	PD204		RANDON/ SANTAL/ SCANIA/ SCANIA ÔNIBUS/ VOLVO
KX90		P44	PC505		YANMAR
KX91	C1166PL	P934A	PC4H8792		CATERPILLAR/ GARDNER DENVER
KX92D	C1143PL	P15159	PC812		CUMMINS/ KOMATSU/ SLC
LA1001	CF9659	CU2015			TOYOTA
LA1003					MITSUBISHI
LA1030/S					AUDI/ LAMBORGHINI
LA1031			ACP819		FIAT
LA1032			ACP820		RENAULT
LA1033					CITROEN/ PEUGEOT
LA1034	CF8913				BMW
LA1035					VOLVO
LA1036					LAND ROVER
LA1037					LAND ROVER
LA1039					LAND ROVER/ VOLVO
LA1040					INFINITI/ NISSAN
LA1041					SUBARU/ TOYOTA
LA1042					TOYOTA
LA1043					SUZUKI
LA1044					SUZUKI
LA1045					SUBARU
LA1046					KIA MOTORS
LA1047		CU2141	ACP816		MITSUBISHI
LA1048			ACP981		HYUNDAI
LA1049	CF8103				BMW
LA1050					CHRYSLER
LA1055					CHRYSLER
LA1056					MINI
LA1057					CITROEN/ PEUGEOT
LA1058	CFA10055				MERCEDES BENZ
LA1059					CHRYSLER
LA109	CF9466	CU1828	ACP885		TOYOTA
LA1098					VOLKSWAGEN
LA1099/S		CU21000-2			CITROEN/ PEUGEOT
LA11	CF5475	CU4251	ACP003		GM
LA1100					FORD
LA1101					VOLKSWAGEN
LA1102					NISSAN
LA1103					TOYOTA
LA117	CF9495	CU3337	ACP005		GM
LA120	CF9323	CU2545	ACP303		VOLKSWAGEN
LA122/S	CF10108		ACP703		HONDA
LA123	CF8890	CU4442	ACP105		CITROEN/ FIAT/ IVECO/ PEUGEOT

MAHLE E METAL LEVE	FRAM	MANN	TECFIL	LINHA	APLICAÇÃO
LA13	CF5474	CU3979			
LA138	CF10109	CU2940	ACP903		CITROEN/ COMPAIR/ CUMMINS/ PEUGEOT/ VOLVO
LA142	CF9533	CUK2422	ACP104		FIAT
LA144		CU2335	ACP131		FIAT
LA153	CF9479	CU2655	ACP900		CITROEN
LA155					HONDA
LA169	CA9666	CU2433	ACP202		FORD
LA170		CU4594	ACP966		IVECO
LA180		CU2329			CHRYSLER
LA184					CITROEN/ PEUGEOT
LA189	CF9807	CU2143	ACP004		GM
LA21	CF5665	CU3455			GM
LA23		CU2525			RENAULT
LA25	CF5664	CU5257	ACP201		FORD
LA26	CF5845				PEUGEOT
LA298	CF10248	CU2434	ACP977		KIA MOTORS
LA301	CF10150	CU2336	ACP972		HYUNDAI/ KIA MOTORS
LA31	CF5663	CU2882	ACP300		AUDI/ SEAT/ VOLKSWAGEN
LA32	CF5846				PEUGEOT
LA33	CF5849				RENAULT
LA34	CF5823	CU3942	ACP197		ALFA ROMEO/ FIAT
LA343		CU2362	ACP974		HYUNDAI/ KIA MOTORS
LA344		CU2358	ACP708		HONDA
LA37	CF5842	CU2897			MERCEDES BENZ
LA395			ACP886		TOYOTA
LA396		CU1936	ACP727		NISSAN
LA40	CF9086		ACP552		
LA422	CF9478	CU2629	ACP103		FIAT
LA428/S			ACP798		CITROEN/ PEUGEOT
LA43					MERCEDES BENZ
LA432	CF9655	CU1722	ACP009		SCANIA/ SCANIA ÔNIBUS
LA439			ACP821		IVECO
LA44		CU2672			VOLKSWAGEN
LA444/S		CU2214/2	ACP975		HYUNDAI/ KIA MOTORS
LA45	CF5662	CU3955	ACP298		AUDI/ VOLKSWAGEN
LA46	CF5824	CU3192			AUDI
LA47/S		CU2745/2			MERCEDES BENZ
LA472	CF10774	CU2442	ACP126		GM
LA49	CF5863	CU4151			GM
LA499	CF8989	CU2344	ACP100		FIAT
LA531	CF10776	CU19001	ACP976		KIA MOTORS
LA56	CF5819	CU2951	ACP102		ALFA ROMEO/ FIAT
LA569		CU2227	ACP106		DODGE/ FIAT
LA57	CF9071	CU3448	ACP800		PEUGEOT
LA591	CF9084	CU3162	ACP305		VOLKSWAGEN
LA60	CF9086	CU2734	ACP552		
LA601	CF9034	CU2504	ACP101		FIAT
LA605			ACP304		VOLKSWAGEN
LA606		CU23002	ACP551		RENAULT
LA607		CU21003	ACP709		HONDA
LA608			ACP971		HYUNDAI
LA609	CF5893		ACP553		RENAULT
LA610	CF9854		ACP215		CASE
LA611/S		CU2106-2	ACP481		MITSUBISHI
LA612	CF10829	CU20001	ACP904		FIAT

MAHLE E METAL LEVE	FRAM	MANN	TECFIL	LINHA	APLICAÇÃO
LA632			ACP812		CHERY
LA633			ACP906		FIAT
LA642	CF10845	CU2440	ACP206		FORD
LA643			ACP978		HYUNDAI
LA646			ACP125		GM
LA647					TOYOTA
LA648		CU2631	ACP979		HYUNDAI
LA649	CF10836				KIA MOTORS
LA650	CF9655	CU1722	ACP009		SCANIA
LA651			ACP964		MERCEDES BENZ
LA652/S	CF10864	CU22018	ACP429		VOLKSWAGEN
LA653	CF5892		ACP007		VOLVO
LA654/S		CU22002/2	ACP122		GM/ SUZUKI
LA655	CF10285	CU1919	ACP887		TOYOTA
LA656		C2160			VOLVO
LA660			ACP947		VOLVO
LA665			ACP554		RENAULT
LA668		CU1835	ACP707		HONDA
LA676					JOHN DEERE
LA677	CF9656	CU5877	ACP973		MERCEDES BENZ
LA678	CF9810	CU4469	ACP969		MERCEDES BENZ
LA682					SUZUKI
LA689					DENSO
LA690					DENSO
LA691					DENSO
LA692					THERMO KING
LA693					THERMO KING
LA694					DENSO
LA695					CARRIER
LA696					THERMO KING
LA697					MERCEDES BENZ
LA698			ACP810		JAC MOTORS
LA702	CF10860	CU37001	ACP177		SCANIA
LA74	CF8867	CU2757	ACP006		GM
LA75	CF8868	CU3054	ACP001		GM
LA752			ACP204		FORD
LA77	CF5817	CU3554	ACP200		FORD/ MAZDA
LA78	CF8331	CU3567	ACP203		FORD
LA785	CF11670		ACP205		FORD
LA8	CF5551	CU2225			CITROEN/ PEUGEOT
LA81	CF8777		ACP905		MERCEDES BENZ
LA817/S		CU2623	AKX1954		NISSAN
LA818		CU22007	ACP728		NISSAN
LA819			ACP814		HYUNDAI/ KIA MOTORS
LA82	CF5865	CU2253	ACP700		HONDA/ LAND ROVER
LA820			ACP555		RENAULT
LA83	CF9051	CU3858	ACP600		MERCEDES BENZ
LA833			ACP212		FORD
LA87	CF9085	CU2945	ACP550		RENAULT
LA883	CF9851	C60148	ACP214		NEW HOLLAND
LA884			ACP216		CASE
LA886					HYUNDAI
LA887			ACP796		CITROEN
LA9	CF5864	CU2861	ACP797		PEUGEOT
LA902					CHRYSLER

MAHLE E METAL LEVE	FRAM	MANN	TECFIL	LINHA	APLICAÇÃO
LA903			ACP730		NISSAN
LA904			ACP208		FORD
LA905					CHERY
LA906			ACP207		FORD
LA907	CF9881	CU2842	ACP307		AUDI/ PORSCHE/ VOLKSWAGEN
LA908			ACP209		FORD
LA909			ACP843		GM
LA911/S					CHRYSLER
LA924			ACP210		FORD
LA952					CATERPILLAR
LA954					VALMET
LA955					HYUNDAI/ KIA MOTORS
LAK1002					MERCEDES BENZ
LAK1003					MITSUBISHI
LAK11					GM
LAK117		CU3337			GM
LAK181		CU2939	ACP309		VOLKSWAGEN
LAK31					
LAK37					MERCEDES BENZ
LAK422					FIAT
LAK44					
LAK45					
LAK46					AUDI
LAK58					AUDI
LAK612			ACA904		FIAT
LAK62					BMW/ LAND ROVER
LAK63		CUK2862	ACA306		AUDI/ VOLKSWAGEN
LAK633		CUK20011			FIAT
LAK74		CUK2757			
LAK81	CF8777	CUK3780	ACA905		MERCEDES BENZ
LAK954					VALMET
LAK98					MERCEDES BENZ
LX1048	CA9080	C25117/2	ARL8108		PEUGEOT
LX1055	CA5347	C371774	AP5571		VOLVO
LX1055/1					
LX1056	CA5626	C27844	AP9836		FORD/ GM/ MERCEDES BENZ/ VOLKSWAGEN
LX1056/1	CA5626	C27844	AP9836		
LX1057	CA4989	C13200	AP2888		AGRALE/ MULLER/ VALMET
LX1062	CA237	C1371	AP8048		CATERPILLAR
LX1063	CA236	C16140	AP4935		CATERPILLAR
LX1064	CA3105	C20164	AP2813		HYUNDAI
LX1065	CA2647	C2799	AP1026		CHRYSLER/ FORD/ MULLER/ VOLKSWAGEN
LX1066	C5499	C1158	ARL1116		ASIA MOTORS/ DAIHATSU
LX1067	CAK5722		AP1009		MITSUBISHI
LX1068	CA5812	C22181	AP1002		ASIA MOTORS/ KIA MOTORS
LX1069	CA9418	C301622	ARS1189		SCANIA
LX1070	CA9032	C27902	ARS9837		IVECO/ MERCEDES BENZ/ VOLVO
LX1092	CA7139		ARS2711		GM
LX1093	CA9033	C20457	ARS9838		MERCEDES BENZ/ MONTANA PARRUDA
LX1094	CA8840	C21105	AP1012		ASIA MOTORS/ KIA MOTORS
LX1095	CA8243	C23121/2	ARL9606		FORD/ MAZDA
LX1096	CA5971	C21367	AP5462		FORD
LX1097	CA5813	C18142	AP1001		KIA MOTORS
LX1098	CA5189	C351592	AP5570		VOLVO
LX1098/1	CA5189	C351592	AP5570		

MAHLE E METAL LEVE	FRAM	MANN	TECFIL	LINHA	APLICAÇÃO
LX1100	CA598	C30883	AP7716		CATERPILLAR
LX1101	CA226	C29624	AP4934		CATERPILLAR
LX1102		54501067114	AP780		VOLVO
LX3986	CA5741	C17337	ARS8889		CASE/ CATERPILLAR/ FIAT ALLIS
LX116	CA224	C24444	AP8047		CATERPILLAR
LX1281	CA9560	C341500/1	AP5572		VOLVO
LX1286	CA9482	C2620	ARL7710		TOYOTA
LX1287	CA9315	C3485/3	ARL5053		CITROEN
LX1298	CA8040	C2329	ARL1030		HONDA/ NISSAN/ SUBARU
LX1312	CA8736	C2693	ARL9605		FORD
LX1313/1	CA9747	C271340	ARS9840		MERCEDES BENZ/ SCANIA/ SCANIA ÔNIBUS/ VOLVO
LX1314		C20500	ARS3003		AGRALE
LX1315	CA5981	C1944	ARL8834		GM
LX1316	CA3914		ARL8841		GM
LX147	CA4524	C13109	AR7703		CHRYSLER/ RENAULT
LX1563	CA10602	C3366/1	ARL5138		NISSAN/ RENAULT
LX157	CA2718	C2120	AR2147		DAIHATSU/ FIAT
LX1587		C311345/1	AP5573		VOLVO
LX1589			ARL9609		FORD
LX1597	CA9511	C4151	ARL9608		FORD
LX1598	CA8782	C2677/1			FORD/ MAZDA
LX1631	CA9393	C2420	ARL1654		NISSAN
LX1645	CA10165	C2240	ARL1034		HONDA
LX1656			ARL5139		RENAULT
LX1673	CA9745	C16400	ARS8842		GM/ MASSEY FERGUSON/ VALMET
LX1687/1	CA9744	C15300	ARS7109		AGCO/ MAXION/ MITSUBISHI/ NISSAN/ VOLVO
LX1689	CA8911	C3221			HONDA
LX17	CAK258	C16192	AP6774		CASE/ CBT
LX1711		C1733	ARL5136		PEUGEOT/ RENAULT
LX1712	CA5929	C2776	ARL9607		FORD
LX1713	CA9936	C18263	ARS7990		FORD
LX1716	CA5626PU	C27830	ARS9839		FORD/ VOLKSWAGEN
LX1745	CA10237	C4292	ARL5049		PEUGEOT
LX1765	CA10832	C25118/1	ARL8109		CITROEN/ PEUGEOT
LX1770	CA9378	C28105			FIAT
LX1774		C29840	ARS2501		CATERPILLAR
LX1777	CA7480	C321170	ARS5135		CATERPILLAR
LX1779	CA10247	C2969	ARL6096		VOLKSWAGEN
LX1780/3		C16134/1	ARS5196		FORD
LX1785	CA10086	C2631	ARL2331		HYUNDAI/ KIA MOTORS
LX1801	CA9746	C23610	ARS5134		AGRALE/ MASSEY FERGUSON
LX1802	CA10028	C11100	ARS1110		AGRALE
LX1821	CA5873		ARL1713		KIA MOTORS
LX1845					MERCEDES BENZ
LX1937	CA7774	C1761			FORD
LX1993	CA9945	C3324			HONDA
LX200	CA3105	C13114/4	AP8528		AGRALE/ CASE/ DYNAPAC/ ENGESA/ FIAT/ FORD/ FORD TRATO-
LX200/1	CA3105	C13114/4	AP8528		
LX202	CA2732	C2646	AR6089		FORD/ VOLKSWAGEN
LX208/1	CA3333	C2852/2	AR9620		AUDI/ FORD/ GM/ GURGEL/ PUMA/ SEAT/ VOLKSWAGEN
LX2082/1	CA5699	C321420/1	ARS8235		IVECO
LX2093	CA10085	C43102	ARL6099		VOLKSWAGEN
LX2124	CA10111	C16244	ARS7993		FORD
LX2125	CA9916	C23107	ARS7065		TOYOTA
LX227	CA4685	C23440/1	AP4440		AGRALE/ ATLAS COPCO/ CASE/ CBT/ CLARK/ DYNAPAC/ ENGESA/

MAHLE E METAL LEVE	FRAM	MANN	TECFIL	LINHA	APLICAÇÃO
LX236	CA4202	C17225/3	AP2710		CASE/ CBT/ COMPAIR/ DEMAG BAGGER/ DYNAPAC/ FORD/ FORD
LX241	CA3290	C24650	AP4650		ATLAS COPCO/ EATON YALE/ KOMATSU/ MANNESMANN/ RANDO-
LX243	CA3291A	C20325	AP2032		AGRALE/ BUCYRUS ERIE/ CASE/ CLARK/ DYNAPAC/ FIAT ALLIS/
LX2526	CA9129PU	C11127	ARS1029		FIAT
LX2527		C14230	ARS6940		CASE
LX2528		C24580	ARS2499		CATERPILLAR
LX2529	CA8852	C16197	ARS2869		GM
LX2530		C24203	AP7070		TOYOTA
LX2531	CA9833	C11102	ARS7991		FORD
LX2532	CA10221	C18450/1	ARS8236		IVECO/ TROLLER
LX2533	CA9369	C21470	ARS5673		FORD/ VOLKSWAGEN
LX2534		C24760			CASE
LX2619	CA10030	C25710	ARS3902		MAXION
LX2620	CA10031	C30810/3	ARS5470		MASSEY FERGUSON
LX2621	CA10477	C281012	ARS9841		MERCEDES BENZ
LX2642	CA10094	C2278	ARL9602		FORD
LX2643	CA10131	C3092	ARL4151		FIAT
LX2644	CA10130	C22113			FIAT
LX2645	CA5058	C2850	ARL1069		FORD
LX2646		C17232	AP7992		FORD
LX265	CA3291	C20325/2	AP9834		AGRALE/ ATLAS COPCO/ CASE/ CBT/ CLARK/ COMPAIR/ DEUTZ/
LX2689			AR1018		KIA MOTORS
LX271/2	CA3280	C24650/1	AP4650/1		ATLAS COPCO/ CASE/ CLARK/ DYNAPAC/ ENGESA/ FIAT/ HUBER
LX2713			AP8606		NEW HOLLAND
LX272	CA4260	C1176/3	AR2867		AGRALE/ ATLAS COPCO/ BAMBOZZI/ VOLKSWAGEN
LX273	CA4215	C30850/2	AP9835		CASE/ CLARK/ FIAT/ IVECO/ MERCEDES BENZ/ MICHIGAN/ SANTA-
LX2739		C26014			HYUNDAI/ KIA MOTORS
LX275	CA3295	C15165/3	AP7108		AGRALE/ ATLAS COPCO/ CBT/ ENGESA/ FIAT ALLIS/ FORD/ FORD
LX2818		C2266	ARL9612		FORD
LX2830		C2680	AR7705		RENAULT
LX2867					FORD
LX290	CA3154	C1380	AR7702		CITROEN/ GM/ RENAULT
LX2959		C13145	ARS6333		CATERPILLAR/ JOHN DEERE/ KUBOTA/ YANMAR
LX3007					HONDA
LX3011	CF9853				MASSEY FERGUSON/ MAXION
LX307	CA4309	C2964	ARL1656		NISSAN/ SUBARU
LX3106		C1315	ARM449/1		HONDA
LX3107		C1428	ARM448/1		HONDA
LX3108	CA9834	C1016	ARM447/1		HONDA
LX3109	CA9835	C1425	ARM446/1		HONDA
LX3110			ARM445/1		YAMAHA
LX3111		C1215	ARM444/1		HONDA
LX3115	CA11104	C29003	ARL4152		FIAT
LX3116					CHERY
LX3141		C331460/1	ARS5574		VOLVO
LX3190		C18360/1	ARS6223		JOHN DEERE/ MASSEY FERGUSON/ MITSUBISHI/ NEW HOLLAND
LX3234	CA10696	C31003/1	ARL6070		VOLKSWAGEN
LX3235	CA10703	C22267	AP7060		TOYOTA
LX3236	CA10564	C25010	AR8113		HYUNDAI
LX3259					CASE/ NEW HOLLAND
LX3261					CASE
LX330	CA5229	C18121	AR7701		RENAULT
LX3304		C17006	ART9613		FORD
LX332					FORD
LX335	CA9855	C60345	ARL9304		MERCEDES BENZ

MAHLE E METAL LEVE	FRAM	MANN	TECFIL	LINHA	APLICAÇÃO
LX3354	CA10227	C36005	ARL5055		PEUGEOT
LX3355	CA11112	C37001	ARL4154		FIAT
LX3452					HYUNDAI
LX3486		C18209	AR1017		KIA MOTORS
LX3487			ARL1655		NISSAN
LX3488			ARL8829		GM
LX3489		C26108	ARL8828		GM
LX3490			ARL9611		FORD
LX3505		C2029	ARL2334		HYUNDAI
LX3506	CA10084	C23006	ARL2333		HYUNDAI
LX3509	CA10539	C2735	ARL2332		HYUNDAI
LX3519					NISSAN
LX3524	CA9589		ARL5303		CHRYSLER
LX3534			ARS1184		SCANIA
LX3544	CA10891		ARL8830		GM
LX3561		C332200	ARS5472		JOHN DEERE
LX3562		C271050			SINOTRUK
LX3581					SCANIA
LX3593		C271250/1			MAN
LX3604					BOB CAT/ CASE/ NEW HOLLAND
LX3605			ARS5564		ATLAS COPCO/ CASE/ COMPAIR/ HITACHI/ HYSTER/ KOMATSU/
LX3613					HITACHI/ JOHN DEERE
LX3614					CASE/ CATERPILLAR/ HITACHI/ KOLBENCO
LX3615					NEW HOLLAND
LX3616					CASE/ FURUKAWA/ HITACHI
LX3617					NEW HOLLAND
LX3618					NEW HOLLAND
LX3619					GVM/ HAGIE/ HUSQVARNA/ JOHN DEERE/ MACDON
LX3620					JOHN DEERE
LX3679	CA11077		ARS2870		GM
LX3680			ARS7994		FORD
LX3686		C2348	ARL1572		COMPAIR/ DEUTZ/ LOMBARDINI
LX3687	CA10293				FORD
LX3689			AR1019		KIA MOTORS
LX3690			ARL9111		CHERY
LX3691		CA10540	ARL2335		HYUNDAI
LX3692					CHERY
LX3695	CA10525		ARL4144		MITSUBISHI
LX3696	CA8208	C2136/1	ARL4140		MITSUBISHI
LX3697		C18004	ARL1035		HONDA
LX3698					SSANGYONG
LX3699		C36003			PEUGEOT
LX3701		C211106	ARL4153		FIAT
LX3702	CA10334	C3273			FIAT
LX3703	CA10190	C24005	ARL2203		TOYOTA
LX3704	CA376				TOYOTA
LX3705	CA4950	C2694			GM
LX3712					HONDA
LX3713		C24011	ARL4141		MITSUBISHI
LX3714	CAK253	C14179	AP5080		HYSTER/ HYUNDAI/ LAND ROVER/ MITSUBISHI
LX3715			ARL4142		MITSUBISHI
LX3716		C28010	ARL2336		HYUNDAI/ KIA MOTORS
LX3723	CA5463		AL5072		MERCEDES BENZ/ RENAULT
LX3779					HYUNDAI
LX3780					NISSAN

MAHLE E METAL LEVE	FRAM	MANN	TECFIL	LINHA	APLICAÇÃO
LX390	CA5400	C3178			GM
LX405	CA5370	C27154/1	ARL6092		SEAT/ VOLKSWAGEN
LX414	CA4567	C2991/1	ARL8836		GM/ VOLVO
LX418	CA5377	C28136/1	ARL6094		SEAT/ VOLKSWAGEN
LX435	CA5357	C26138/1	ARL9601		FORD
LX448	CA5108	C26168	ARL8837		AUDI/ BMW/ GM/ VOLKSWAGEN
LX450	CA4221A	C30880/2	AP1186		SCANIA/ SCANIA ÔNIBUS
LX453	CA5140	C2571/1	ARL2506		ALFA ROMEO/ FIAT
LX478/1	CA4813	C17129			CITROEN/ FIAT/ PEUGEOT
LX485	CA6664				SUZUKI
LX488	CA5488	C3173	ARL8106		CITROEN/ PEUGEOT/ RENAULT
LX496	CA5222	C15127/1			MERCEDES BENZ
LX513	CA8668	C32338/1	ARL5310		MERCEDES BENZ
LX523	CA5496	C2256	ARL8832		GM
LX531	CA9381	C30703	AP5773		SCANIA ÔNIBUS
LX55	CA4259	C1399	AR3147		FIAT
LX567	CA5712	C15127/2	AP8518		MERCEDES BENZ
LX572	CA5111	C33156	ARL8103		CITROEN/ PEUGEOT
LX58					MERCEDES BENZ
LX589	CA5495	C2664	ARL2505		FIAT
LX59					VOLVO
LX610		C16247/1	ARS8233		IVECO
LX611	CA9231	C17278	ARS1013		CITROEN/ FIAT/ PEUGEOT
LX614	CA5680	C34116/1	ARL8839		GM
LX618	CA5630A	C25100	ARL2507		ALFA ROMEO/ FIAT
LX626	CA10866	C331600/2	AP7554		IVECO
LX64	CA4261	C3338	AR6084		FORD
LX643	CA8674	C2159			CITROEN/ PEUGEOT
LX645/1			ARL5050		PEUGEOT
LX646/1	CA8774	C1145/6	AR7704		
LX677	CA8121				KIA MOTORS
LX684	CA5827	C37153	ARL6093		AUDI/ VOLKSWAGEN
LX687	CA5682	C2677	ARL9603		
LX708		C2295/3			VOLKSWAGEN
LX709					
LX712	CA9419	C301500	ARS1188		SCANIA
LX714			ARS1187		SCANIA
LX735	CA5970	C30130/3	ARL8840		GM
LX744		C32123	ART5052		CITROEN/ PEUGEOT
LX760	CA502	C311390	AP4807		CASE/ CLARK/ CUMMINS/ EATON YALE/ FIAT ALLIS/ GARDNER
LX773	CA8964	C1858/1	ART5051		NISSAN/ RENAULT
LX776	CA9388	C291032/1	AP9496		MERCEDES BENZ
LX776/1	CA9388	C29010KIT	AP9496		
LX794	CA8789				MERCEDES BENZ
LX795		C1995			CITROEN/ PEUGEOT
LX804/S	CA8768	C3698-2	ARL1120		MERCEDES BENZ
LX811	CA5466	C2731/1			TOYOTA
LX814/1					MERCEDES BENZ
LX832	CA5585	C271520			VOLVO
LX832/1	CA5585				VOLVO
LX848	CA7174				HONDA
LX862	CA8069	C2337	ARL8827		GM/ SUZUKI
LX876	CA8821	C32199	ARL5137		RENAULT
LX900/1	CA3191	C1732	AR6195		GURGEL/ VOLKSWAGEN
LX901	CA4258C	C1513	AR6196		VOLKSWAGEN

MAHLE E METAL LEVE	FRAM	MANN	TECFIL	LINHA	APLICAÇÃO
LX902/1	CA2653	C2639	AR3589		AGRALE/ CLARK/ EATON YALE/ GM/ HYSTER/ PUMA/ SANTA MA-
LX903/1	CA2737	C1535/1	AR6193		HOSS VOEGELE/ PUMA/ PUTSMEISTER/ VOLKSWAGEN
LX904/1	CA3130	C1522	AR6194		PUMA/ VOLKSWAGEN
LX905/1	CA303	C2840	AR6016		FORD/ HONDA
LX906	CA5156	C26111	ARL6090		FORD/ VOLKSWAGEN
LX907	CA5325	C2496	ARL4147		FIAT
LX908	CA5627	C2585	ARL4150		FIAT
LX909	CA5513	C29108	ARL6091		VOLKSWAGEN
LX910	CA283C	C17308	AP7998		AGRALE/ FORD/ MERCEDES BENZ/ VOLKSWAGEN
LX912	CA4255	C1137	AP1008		TOYOTA
LX93	CA5155	C311093/2	AP5569		VOLVO
LX935			ARL9600		FORD/ NISSAN
LX957/3	CA10346	C2512	ART5054		NISSAN/ RENAULT
LX958/1	CA4336	C2648	AR8833		GM
LX960	CA5961PU	C14200	ARS2868		GM/ MASSEY FERGUSON/ VOLKSWAGEN
LX961	CA5356	C13100	AR4148		FIAT
LX962	CA5837	C2982/1	ARL9604		FORD
LX963	CA2672	C1253	AR2953		FORD/ VOLKSWAGEN
LX964	CA7421	C2970	ARL8838		GM
LX966					BMW
LX969	CA4376	C18378	AP4960		FORD TRATORES
LX970	CA4221	C30880/1	AP1185		SCANIA
LX971	CA4691	C27798	AP5461		FORD/ VOLKSWAGEN
LX972	CA546	C21493	AP5460		FORD/ VOLKSWAGEN
LX973	CA3289	C29254/1	AP7023		CASE/ FORD/ GM/ MAXION/ VOLKSWAGEN
LX974	CA282A	C17262/1	AP7997		FORD
LX975	CA282	C17262	AP7996		FORD
LX977	CA9519	C2990	ARL6095		VOLKSWAGEN
LX984/2		C1635			BMW
LX984/5					BMW
LX989	CA7142	C2332			MITSUBISHI
LX998	CA9410	C2295/5	ART6098		FORD/ VOLKSWAGEN
LX999	CA9590	C30125/1	ARL8825		GM
LXS219	CA9746SY	CF600/1	ASR353		AGRALE/ MASSEY FERGUSON
LXS225	CA4376SY	CF1030	AS500		FORD TRATORES
LXS226	CA4692SY	CF1310	AS836		FORD/ VOLKSWAGEN
LXS227	CA4691SY	CF1400	AS835		FORD/ VOLKSWAGEN
LXS229	CA5971SY	CF1560	AS837		FORD
LXS230	CA7139SY		ASR815		GM
LXS231	CA282SY	C1157/2	AS950		FORD
LXS232	CA598SY	C20187/1	AP7360		CATERPILLAR
LXS251	CA9352SY	CF500/1	ASR203		AGRALE
LXS259		CF300/1	ASR806		AGCO/ MAXION/ VOLVO
LXS260	CA5626SYPU	CF1552	ASR839		FORD/ GM/ MERCEDES BENZ/ VOLKSWAGEN
LXS261		CF1550	ASR837		IVECO/ MERCEDES BENZ/ VOLVO
LXS262	CA9418SY	CF1711	ASR870		SCANIA
LXS263		CF933	ASR838		MERCEDES BENZ/ MONTANA PARRUDA
LXS282		CF2000	AS572		VOLVO
LXS287	CA9380SY	CF1610	AS116		SCANIA ÔNIBUS
LXS288	CA9419SY	CF1710	ASR188		SCANIA
LXS292	CA10764SY	CF360	ASR223		JOHN DEERE/ MASSEY FERGUSON/ MITSUBISHI/ NEW HOLLAND
LXS295		CF200/1	ASR868		MASSEY FERGUSON
LXS296	CA9369SY		ASR673		FORD/ VOLKSWAGEN
LXS298					CASE
LXS299	CA502SY	C19171	AS213		CASE/ CLARK/ CUMMINS/ EATON YALE/ FIAT ALLIS/ GARDNER

MAHLE E METAL LEVE	FRAM	MANN	TECFIL	LINHA	APLICAÇÃO
LXS312		CF1651	ASR941		MERCEDES BENZ/ SCANIA/ SCANIA ÔNIBUS/ VOLVO
LXS313		CF1652			SCANIA
LXS315		CF1840	ASR472		JOHN DEERE
LXS316					SINOTRUK
LXS317		CF1640	ASR942		MAN
LXS319		CF1940			VOLVO
LXS37/1	CA3291SY	CF1000	AS820		AGRALE/ ATLAS COPCO/ CASE/ CBT/ CLARK/ COMPAIR/ DEUTZ/
LXS40/1	CA3105SY	CF600	AS801		AGRALE/ BANTAN/ CASE/ DYNAPAC/ ENGESA/ FIAT/ FORD/ FORD
LXS41/1	CA4202SY	CF800	AS810		CASE/ CBT/ COMPAIR/ DYNAPAC/ FORD/ FORD TRATORES/ GARD-
LXS42/1	CA4685SY	CF1200	AS830		AGRALE/ ATLAS COPCO/ CASE/ CBT/ CLARK/ DYNAPAC/ ENGESA/
LXS43/1	CA3280SY	CF1300	AS840		AM HOIST/ ATLAS COPCO/ CASE/ CLARK/ DYNAPAC/ ENGESA/
LXS44/1	CA5483SY	CF1600	AS860		CASE/ CLARK/ IVECO/ MERCEDES BENZ/ MICHIGAN/ SANTAL/
LXS5/1	CA3295SY	CF700	AS805		AGRALE/ CBT/ ENGESA/ FIAT ALLIS/ FORD/ FORD TRATORES/ GM/
LXS7229	CA7480SY	CF21239	ASR513		CATERPILLAR
LXS7231		C20168	AS571		VOLVO
LXS7233	CA5407	C20118	AS381		VOLVO
OC100	PH5566	W712/8	PSL135		ATLAS COPCO/ CITROEN/ LOMBARDINI/ PEUGEOT
OC1018	PH6018		PSL639		SUZUKI
OC1019	PH6017A	MW64	PSL638		HONDA/ KAWASAKI
OC1021	PH6022		PSL637		HARLEY DAVIDSON
OC1022		W719/45			AUDI/ VOLKSWAGEN
OC1028	PH5949				FIAT/ MITSUBISHI
OC1029	PH5713				FORD
OC1030	PH4722				FIAT/ GM
OC1031	PH4701				FIAT/ GM
OC105					
OC1055		W719/50	PSL541		FORD
OC1062	PH5529	WP1045	PSL158		KIA MOTORS/ MITSUBISHI
OC114	PH13	W936/8	PSL959		CLARK/ EATON YALE/ GM/ HYSTER/ PUMA/ SANTA MATILDE
OC115		W814/80	PSL131		HONDA/ MAZDA
OC1176	PH11009	WP12121	PSL909		FORD/ VOLKSWAGEN
OC1178		W1170/7	PSL159		IVECO
OC121	PH49A	W11102/4	PSL417		CATERPILLAR/ DYNAPAC/ GM/ SCANIA/ VOLVO
OC122	PH3335	W13145/2	PSL405		CATERPILLAR
OC1222	PH10268		PSL657		CITROEN/ FIAT/ PEUGEOT
OC1227			PSL134		CHERY
OC1236					LAND ROVER
OC1237	PH5190	WP920/80			GM/ SUZUKI
OC1238					MAHINDRA
OC1239	PH10060	W7013	PSL615		CADILLAC/ CHRYSLER/ DODGE/ FIAT/ GM/ HUMMER/ SUZUKI
OC1240					FORD
OC1241	PH5552	W719/30	PSL564		AUDI/ VOLKSWAGEN
OC175		W962/14	PSH962		ATLAS COPCO
OC18	PH2811	W920/7	PSL171		AGRALE/ AM HOIST/ ATLAS COPCO/ BOB CAT/ CASE/ CHRYSLER/
OC195	PH6607	W67/80	PSL78		ASIA MOTORS/ KIA MOTORS/ MAZDA/ NISSAN/ RENAULT/ SUZUKI
OC204	PH2861B	W917	PSH421		VOLVO
OC205		W815/80	PSL130		ASIA MOTORS/ DAIHATSU/ GM/ HONDA/ HYUNDAI/ KIA MOTORS/
OC23	PH2863	W920/31	PSL47		ALFA ROMEO/ BMW/ CHRYSLER/ FIAT/ FORD/ LADA/ NISSAN
OC235	PH3614	W712/43	PSL127		BMW/ CHERY/ CITROEN/ FORD/ KIA MOTORS/ MAZDA/ TOYOTA
OC236		W920/6			CHRYSLER/ NISSAN
OC239	P3828	W1114/80	PSL322		KIA MOTORS
OC246		W11102/27			
OC248	PH4847A	WP1144	PSL156		CITROEN/ FIAT/ IVECO/ PEUGEOT/ RENAULT/ SEAT
OC250	PH5548A	W712/5	PSL560		SEAT/ VOLKSWAGEN
OC259	PH8999	W610	PSL55		FIAT/ HONDA/ KIA MOTORS/ MITSUBISHI/ NISSAN

MAHLE E METAL LEVE	FRAM	MANN	TECFIL	LINHA	APLICAÇÃO
OC26	PH2842	W940/18	PSL123		AGRALE/ ATLAS COPCO/ CASE/ CBT/ DEUTZ/ DYNAPAC/ ENGESA/
OC261	PH5443	W923/1	PSL902		FORD/ GM/ LAND ROVER/ MERCEDES BENZ
OC266	PH5803	W719/27	PSL144		FORD
OC267		WP1169			IVECO
OC274	PH6355A	WP928/81	PSL327		ALFA ROMEO/ HYUNDAI/ KIA MOTORS/ MAZDA/ MITSUBISHI
OC275	PH5123	WP928/80	PSL128		TOYOTA
OC282	P3555PL	WP11102	PSL419		CATERPILLAR/ VOLVO
OC299	PH4853	W921/80	PSL323		KIA MOTORS
OC30	PH4934	W950/9	PSL418		ATLAS COPCO/ FIAT ALLIS/ VOLVO
OC300	PH927A	W915/9	PSL565		FORD/ GM/ VOLKSWAGEN
OC301	PH2845	W930/6	PSL958		AGRALE/ CLARK/ EATON YALE/ ENGESA/ GM/ HYSTER/ PUMA
OC302	PH7014	W1167/2	PSL569		FORD/ FORD TRATORES/ NEW HOLLAND
OC303	PH7136	W1168/5	PSL301		MERCEDES BENZ
OC304	HPH6349A	WP12300	PSL300		CASE/ CUMMINS/ FIAT ALLIS/ FORD/ RANDON/ VOLKSWAGEN
OC306		MW75			BMW
OC308	PH977B	W950/7	PSL675		ATLAS COPCO/ CASE/ CBT/ CIBER/ DYNAPAC/ FORD/ FORD
OC309	PH5796	W75/2	PSL77		NISSAN/ PEUGEOT/ RENAULT
OC317	PH2862C	W712/12	PSL62		CHERY/ DAEWOO/ GM
OC318	PH2856	W920/41	PSL321		ASIA MOTORS/ CHERY/ CHRYSLER/ GM/ HYUNDAI/ KIA MOTORS/
OC319	PH3757	W1262	PSL281		CLARK/ CUMMINS/ ENGESA/ FIAT ALLIS/ HUBER WABCO/
OC320	PH3976	W950/16	PSL280		CASE/ CLARK/ CUMMINS/ FORD/ KOMATSU/ MANNESMANN/ MAS-
OC324	PH2821C	W934	PSL900		AGRALE/ ATLAS COPCO/ AUDI/ BANTAN/ BARBER GREENE/ CASE/
OC332	PH5426	W923	PSL617		GM
OC333	PH3900	W940/34	PSL282		CASE/ FORD
OC334	PH6643		PSL567		FORD/ FORD TRATORES
OC335		W1135/3	PSL836		VALMET
OC336	PH36	W934/2			CATERPILLAR
OC35	PH2883	W1170	PSL339		AGRALE/ BOB CAT/ FIAT/ FIAT ALLIS/ FORD/ FORD TRATORES/
OC38	PH2895	W723/3	PSL408		AUDI/ CBT/ CIBER/ EATON YALE/ MASSEY FERGUSON/ MAXION/
OC40	PH2960	W11102/9	PSL568		CASE/ FORD
OC403	PH2960	W11102/37	PSL174		SCANIA/ SCANIA ÔNIBUS
OC404	PH9503	W1323	PSL340		AGRALE/ GM/ MITSUBISHI/ NISSAN/ TROLLER/ VOLKSWAGEN
OC466		W712/73			FORD/ VOLVO
OC47	PH2870B	W719/5	PSL562		AUDI/ BMW/ FORD/ GURGEL/ SEAT/ VOLKSWAGEN
OC475	TM5	W66	PSL78		NISSAN/ RENAULT
OC502	PH9617	W950/26	PSL283		FORD/ IVECO/ VOLKSWAGEN
OC503	PH4826	W950/35	PSL325		ASIA MOTORS/ CITROEN/ PEUGEOT
OC504 PLUS	PH10905	W7 multi 18	TM3		DAEWOO/ FIAT/ GM
OC505 PLUS	PH10906	W7 multi 20	TM4		ALFA ROMEO/ ATLAS COPCO/ CITROEN/ FIAT/ HYUNDAI/ LOM-
OC506 PLUS	PH10907	W7 multi 3/4S	TM1		ALFA ROMEO/ BMW/ CHRYSLER/ CITROEN/ FIAT/ FORD/ KIA MOT-
OC507		W1173	PSL400		ATLAS COPCO/ CASE/ CATERPILLAR/ GARDNER DENVER/ GM
OC522 PLUS	PH10908	W7 multi 3/4D	TM2		AUDI/ BMW/ FORD/ GURGEL/ SEAT/ VOLKSWAGEN
OC529	PH49	W1173	PSL400		CASE/ CATERPILLAR
OC530	PH3335	W131452	PSL405		CATERPILLAR
OC531	PH3375	W12106	PSL270		CUMMINS/ KOMATSU
OC532	P3555A	W12100	PSL277		CUMMINS
OC534	PH4967A	W68/80	PSL129		CHERY/ CHRYSLER/ DAIHATSU/ NISSAN/ RENAULT/ SUZUKI/ TO-
OC541		WP12300			CASE
OC60	PH2801B	W962	PSL962		AGRALE/ ATLAS COPCO/ CASE/ CBT/ DEUTZ/ DYNAPAC/ ENGESA/
OC600	PH10904	W6 multi 20	TM5		FIAT/ HONDA/ KIA MOTORS/ MITSUBISHI/ NISSAN
OC613		W940/69	PSL655		CITROEN/ FIAT/ IVECO/ PEUGEOT
OC619					BMW
OC66	PH4558	W712/16	PSL43		ALFA ROMEO/ FIAT
OC67	PH8A	W940/81	PSL714		BANTAN/ BOB CAT/ CASE/ CHRYSLER/ FORD/ FORD TRATORES/
OC704	PH6607	W79	PSL51		RENAULT

MAHLE E METAL LEVE	FRAM	MANN	TECFIL	LINHA	APLICAÇÃO
OC728	PH9648	W75/5			GM
OC81	PH3980	W719/31	PSL620		GM
OC90	PH4722	W712/22	PSL619		DAEWOO/ FIAT/ GM
OC91	PH6063	MW712			BMW
OX1018D		HU612/2X	PEL674		GM
OX1025D					VOLKSWAGEN
OX1026D			PEL2006		RENAULT/ VOLVO
OX1027D					MERCEDES BENZ
OX1039D					LAND ROVER
OX1040D					BMW
OX1041D			PEL803		TOYOTA
OX1042D					JAGUAR/ LAND ROVER
OX1044D					BMW/ CHRYSLER/ MERCEDES BENZ
OX1045D					BMW/ MERCEDES BENZ
OX1046D			PEL720		MERCEDES BENZ
OX1047D					AUDI
OX1052D					CASE
OX133D		HU727/1X			MERCEDES BENZ
OX135/1D		HU610X			MERCEDES BENZ
OX137D	CH5262	H947/1x	PL366		CASE/ MERCEDES BENZ/ SLC
OX150D	CH5261	H932/4	PL364		MERCEDES BENZ/ TOYOTA
OX153/7D		HU718/1x			MERCEDES BENZ
OX154/1D		HU925/4X			BMW
OX161/D	CH5957ECO	HU931/5X	PEL2003		MERCEDES BENZ
OX166/1D					BMW
OX168D	CH5933	HU12140X	PEL2001		MERCEDES BENZ
OX169/1D		HU932/8X			FORD/ TROLLER
OX174D	CH9389	HU945/2X	PEL2002		MERCEDES BENZ
OX175D	CH9584	HU816/2x	PEL119		BMW/ CHRYSLER/ FIAT
OX179D		HU721/2X	PEL107		MERCEDES BENZ
OX188D					VOLKSWAGEN
OX18D	CH813PL	H820/3X	PL957		ATLAS COPCO/ BAMBOZZI/ BANTAN/ BARBER GREENE/ CASE/
OX193D	CH9443ECO	HU612x	PEL110		CITROEN/ PEUGEOT
OX197D	CH2927	H12111X	PL519		BANTAN/ BARBER GREENE/ CLARK/ DYNAPAC/ EATON YALE/ EN-
OX198D	C175A	PF19326	L750C		ADAMS/ CASE/ CLARK/ CUMMINS/ DYNAPAC/ EATON YALE/ ENGE-
OX199D	CH4829	H1271	PL442		CASE/ CBT/ CLARK/ DYNAPAC/ EATON YALE/ FIAT ALLIS/ GALION/
OX200D	CH834PL	H1034/3	PL265		ATLAS COPCO/ BMW/ BUCYRUS ERIE/ CASE/ CBT/ CLARK/ EATON
OX209D	CH9580ECO	HU611X	PEL705		RENAULT
OX210D	CH9462ECO	HU923X	PEL312		RENAULT
OX213	C1655PL	H1049/1			
OX214D	C3PL	P1044	PL3		EATON YALE/ FORD
OX215D	CH200PL	H941	PL390		GM
OX216	CH155APL	H1074	PH1960		CATERPILLAR
OX217D	CH238PL	H1496	PL6H9999		ATLAS COPCO/ CATERPILLAR/ GARDNER DENVER/ INGERSOLL
OX218D	CH211A	H13153	PL516		ADAMS/ CASE/ CLARK/ CUMMINS/ DYNAPAC/ EATON YALE/ ENGE-
OX219	C1677	H837	PH837		CATERPILLAR
OX30D	C30DB	PF1190	L90		CLARK/ DYNAPAC/ EATON YALE/ ENGESA/ MERCEDES BENZ/
OX339/2D	CH9973ECO	HU711/51X	PEL108		CITROEN/ FORD/ PEUGEOT
OX348D	CH9558	HU12110X	PEL2004		MERCEDES BENZ
OX351D		HU7013x	PEL115		HYUNDAI
OX379D	CH9911	HU719/6X			AUDI/ VOLKSWAGEN
OX388D		HU7008z			VOLKSWAGEN
OX3D	CH191APL	H1072/11X	PL9F6700		CATERPILLAR/ GARDNER DENVER/ KOMATSU
OX410D	CH6015	MH54X	PL153		HONDA
OX43D	CH2801-1	H932/1	PL425		TOYOTA

MAHLE E METAL LEVE	FRAM	MANN	TECFIL	LINHA	APLICAÇÃO
<b>OX47D</b>	CH962PL	H720	PL46		CASE/ IDEAL/ MASSEY FERGUSON/ MAXION/ MERCEDES BENZ/
<b>OX5D</b>	CH33APL	H11106/1	PL132/1		CASE/ FIAT ALLIS/ PUMA/ SLC
<b>OX68D</b>		HU926/3X			BMW
<b>OX69D</b>	CH2962	H12110/2X	PL447		MERCEDES BENZ
<b>OX71D</b>	CH2963	H1275X	PL449		MERCEDES BENZ
<b>OX75D</b>	CH2989	H1164	PL345		HUBER WABCO/ LIEBHERR/ MERCEDES BENZ/ SANTAL
<b>OX773D</b>		HU824x	PEL114		HYUNDAI/ KIA MOTORS
<b>OX827D</b>	CH9713ECO	HU713/1X	PEL118		FIAT
<b>OX85D</b>	C4DB	PF1155	L4/1		ATLAS COPCO/ BANTAN/ CASE/ CBT/ CLARK/ EATON YALE/ FIAT
<b>OX91D</b>		HU921X			BMW
<b>OX95D</b>					
<b>OX972D</b>			PEL2005		JOHN DEERE
<b>OX974D</b>		HU6007X	PEL113		GM
<b>OX979D</b>	CH10502	HU711x	PEL106		FORD
<b>OX980D3</b>	CH9301ECO	HU718/1k	PEL311		CHRYSLER/ MERCEDES BENZ
<b>OX98D</b>	CH5412	PF1055/1X	PL180		MERCEDES BENZ
<b>TB1208</b>					GM
<b>UX1D</b>		U620/4y KIT			
<b>UX2D</b>		U630xKIT			
<b>WFC1</b>	PR3304	WA940/1	PSA299		
<b>WFC2</b>	PR3908	WA923/1	PSA331		
<b>WFC26</b>		W940/3	PSA237		VOLVO
<b>WFC3</b>	PR3392A	WA956/1	PSA761		
<b>WFC4</b>	PR3909	WA921/1	PSA272		

FRAM	MAHLE E METAL LEVE	MANN	TECFIL	LINHA	APLICAÇÃO
C10353	<b>KX268D</b>	PU835X	PC949		TOYOTA
C10705	<b>KX208D</b>	PU723X	PEC3023		CITROEN/ FIAT/ PEUGEOT
C1143PL	<b>KX92D</b>	P15159	PC812		CUMMINS/ KOMATSU/ SLC
C1166PL	<b>KX91</b>	P934A	PC4H8792		CATERPILLAR/ GARDNER DENVER
C11860PL	<b>KX35</b>	P707	PC945		AGRALE/ BANTAN/ BOSCH/ CASE/ CBT/ CHRYSLER/ CLARK/ DYNA-
C11860ZP	<b>KX43</b>	BFU707	FC161		AGRALE/ BANTAN/ BARBER GREENE/ CASE/ CBT/ CHRYSLER/
C11861PL	<b>KX36</b>	P811			BOSCH/ EATON YALE/ MERCEDES BENZ
C11861ZP	<b>KX44</b>	BFU811SCI	FC165		ATLAS COPCO/ CASE/ DEUTZ/ DYNAPAC/ EATON YALE/ FIAT ALLI-
C11864ZP	<b>KX49</b>	BFU700SCI	FC164		MERCEDES BENZ/ SLC
C1191	<b>KX23</b>	P917X	PC2/155		AGRALE/ ATLAS COPCO/ BAMBOZZI/ BANTAN/ BARBER GREENE/
C1655PL	<b>OX213</b>	H1049/1			
C1660	<b>HX52</b>	H1497/1	PH64		CATERPILLAR
C1664PL	<b>HX51D</b>	H1291/1	PH520		CASE/ CBT/ CLARK/ HUBER WABCO/ MAXION/ MULLER/ SANTAL/
C1677	<b>OX219</b>	H837	PH837		CATERPILLAR
C175A	<b>OX198D</b>	PF19326	L750C		ADAMS/ CASE/ CLARK/ CUMMINS/ DYNAPAC/ EATON YALE/ ENGE-
C30DB	<b>OX30D</b>	PF1190	L90		CLARK/ DYNAPAC/ EATON YALE/ ENGESA/ MERCEDES BENZ/
C3PL	<b>OX214D</b>	P1044	PL3		EATON YALE/ FORD
C4163	<b>KX24</b>	P945X	PC2/255		CHRYSLER/ CLARK/ FORD TRATORES/ GM/ MASSEY FERGUSON/
C4662	<b>HX58</b>	H119	PH538		FORD TRATORES
C4DB	<b>OX85D</b>	PF1155	L4/1		ATLAS COPCO/ BANTAN/ CASE/ CBT/ CLARK/ EATON YALE/ FIAT
C5499	<b>LX1066</b>	C1158	ARL1116		ASIA MOTORS/ DAIHATSU
C5932ECO	<b>KX80D</b>	PU999/1X	PEC3021		MERCEDES BENZ
C8826	<b>KX67/2D</b>	PU1046X	PEC3022		MERCEDES BENZ
C9517	<b>KX182/1D</b>	PU941x	PEC3024		SCANIA/ SCANIA ÔNIBUS
C9927ECO	<b>KX218D</b>	P718/1X	PC947		RENAULT
CA10028	<b>LX1802</b>	C11100	ARS1110		AGRALE
CA10030	<b>LX2619</b>	C25710	ARS3902		MAXION
CA10031	<b>LX2620</b>	C30810/3	ARS5470		MASSEY FERGUSON
CA10084	<b>LX3506</b>	C23006	ARL2333		HYUNDAI
CA10085	<b>LX2093</b>	C43102	ARL6099		VOLKSWAGEN
CA10086	<b>LX1785</b>	C2631	ARL2331		HYUNDAI/ KIA MOTORS
CA10094	<b>LX2642</b>	C2278	ARL9602		FORD
CA10111	<b>LX2124</b>	C16244	ARS7993		FORD
CA10130	<b>LX2644</b>	C22113			FIAT
CA10131	<b>LX2643</b>	C3092	ARL4151		FIAT
CA10165	<b>LX1645</b>	C2240	ARL1034		HONDA
CA10190	<b>LX3703</b>	C24005	ARL2203		TOYOTA
CA10221	<b>LX2532</b>	C18450/1	ARS8236		IVECO/ TROLLER
CA10227	<b>LX3354</b>	C36005	ARL5055		PEUGEOT
CA10237	<b>LX1745</b>	C4292	ARL5049		PEUGEOT
CA10247	<b>LX1779</b>	C2969	ARL6096		VOLKSWAGEN
CA10293	<b>LX3687</b>				FORD
CA10334	<b>LX3702</b>	C3273			FIAT
CA10346	<b>LX957/3</b>	C2512	ART5054		NISSAN/ RENAULT
CA10477	<b>LX2621</b>	C281012	ARS9841		MERCEDES BENZ
CA10525	<b>LX3695</b>		ARL4144		MITSUBISHI
CA10539	<b>LX3509</b>	C2735	ARL2332		HYUNDAI
CA10564	<b>LX3236</b>	C25010	AR8113		HYUNDAI
CA10602	<b>LX1563</b>	C3366/1	ARL5138		NISSAN/ RENAULT
CA10696	<b>LX3234</b>	C31003/1	ARL6070		VOLKSWAGEN
CA10703	<b>LX3235</b>	C22267	AP7060		TOYOTA
CA10764SY	<b>LXS292</b>	CF360	ASR223		JOHN DEERE/ MASSEY FERGUSON/ MITSUBISHI/ NEW HOLLAND
CA10832	<b>LX1765</b>	C25118/1	ARL8109		CITROEN/ PEUGEOT
CA10866	<b>LX626</b>	C331600/2	AP7554		IVECO
CA10891	<b>LX3544</b>		ARL8830		GM

FRAM	MAHLE E METAL LEVE	MANN	TECFIL	LINHA	APLICAÇÃO
CA11077	<b>LX3679</b>		ARS2870		GM
CA11104	<b>LX3115</b>	C29003	ARL4152		FIAT
CA11112	<b>LX3355</b>	C37001	ARL4154		FIAT
CA224	<b>LX116</b>	C24444	AP8047		CATERPILLAR
CA226	<b>LX1101</b>	C29624	AP4934		CATERPILLAR
CA236	<b>LX1063</b>	C16140	AP4935		CATERPILLAR
CA237	<b>LX1062</b>	C1371	AP8048		CATERPILLAR
CA2647	<b>LX1065</b>	C2799	AP1026		CHRYSLER/ FORD/ MULLER/ VOLKSWAGEN
CA2653	<b>LX902/1</b>	C2639	AR3589		AGRALE/ CLARK/ EATON YALE/ GM/ HYSTER/ PUMA/ SANTA MA-
CA2672	<b>LX963</b>	C1253	AR2953		FORD/ VOLKSWAGEN
CA2718	<b>LX157</b>	C2120	AR2147		DAIHATSU/ FIAT
CA2732	<b>LX202</b>	C2646	AR6089		FORD/ VOLKSWAGEN
CA2737	<b>LX903/1</b>	C1535/1	AR6193		HOSS VOEGELE/ PUMA/ PUTSMEISTER/ VOLKSWAGEN
CA282	<b>LX975</b>	C17262	AP7996		FORD
CA282A	<b>LX974</b>	C17262/1	AP7997		FORD
CA282SY	<b>LXS231</b>	C1157/2	AS950		FORD
CA283C	<b>LX910</b>	C17308	AP7998		AGRALE/ FORD/ MERCEDES BENZ/ VOLKSWAGEN
CA303	<b>LX905/1</b>	C2840	AR6016		FORD/ HONDA
CA3105	<b>LX200</b>	C13114/4	AP8528		AGRALE/ CASE/ DYNAPAC/ ENGESA/ FIAT/ FORD/ FORD TRATO-
CA3105	<b>LX1064</b>	C20164	AP2813		HYUNDAI
CA3105	<b>LX200/1</b>	C13114/4	AP8528		
CA3105SY	<b>LXS40/1</b>	CF600	AS801		AGRALE/ BANTAN/ CASE/ DYNAPAC/ ENGESA/ FIAT/ FORD/ FORD
CA3130	<b>LX904/1</b>	C1522	AR6194		PUMA/ VOLKSWAGEN
CA3154	<b>LX290</b>	C1380	AR7702		CITROEN/ GM/ RENAULT
CA3191	<b>LX900/1</b>	C1732	AR6195		GURGEL/ VOLKSWAGEN
CA3280	<b>LX271/2</b>	C24650/1	AP4650/1		ATLAS COPCO/ CASE/ CLARK/ DYNAPAC/ ENGESA/ FIAT/ HUBER
CA3280SY	<b>LXS43/1</b>	CF1300	AS840		AM HOIST/ ATLAS COPCO/ CASE/ CLARK/ DYNAPAC/ ENGESA/
CA3289	<b>LX973</b>	C29254/1	AP7023		CASE/ FORD/ GM/ MAXION/ VOLKSWAGEN
CA3290	<b>LX241</b>	C24650	AP4650		ATLAS COPCO/ EATON YALE/ KOMATSU/ MANNESMANN/ RANDO-
CA3291	<b>LX265</b>	C20325/2	AP9834		AGRALE/ ATLAS COPCO/ CASE/ CBT/ CLARK/ COMPAIR/ DEUTZ/
CA3291A	<b>LX243</b>	C20325	AP2032		AGRALE/ BUCYRUS ERIE/ CASE/ CLARK/ DYNAPAC/ FIAT ALLIS/
CA3291SY	<b>LXS37/1</b>	CF1000	AS820		AGRALE/ ATLAS COPCO/ CASE/ CBT/ CLARK/ COMPAIR/ DEUTZ/
CA3295	<b>LX275</b>	C15165/3	AP7108		AGRALE/ ATLAS COPCO/ CBT/ ENGESA/ FIAT ALLIS/ FORD/ FORD
CA3295SY	<b>LXS5/1</b>	CF700	AS805		AGRALE/ CBT/ ENGESA/ FIAT ALLIS/ FORD/ FORD TRATORES/ GM/
CA3333	<b>LX208/1</b>	C2852/2	AR9620		AUDI/ FORD/ GM/ GURGEL/ PUMA/ SEAT/ VOLKSWAGEN
CA376	<b>LX3704</b>				TOYOTA
CA3914	<b>LX1316</b>		ARL8841		GM
CA4202	<b>LX236</b>	C17225/3	AP2710		CASE/ CBT/ COMPAIR/ DEMAG BAGGER/ DYNAPAC/ FORD/ FORD
CA4202SY	<b>LXS41/1</b>	CF800	AS810		CASE/ CBT/ COMPAIR/ DYNAPAC/ FORD/ FORD TRATORES/ GARD-
CA4215	<b>LX273</b>	C30850/2	AP9835		CASE/ CLARK/ FIAT/ IVECO/ MERCEDES BENZ/ MICHIGAN/ SANT-
CA4221	<b>LX970</b>	C30880/1	AP1185		SCANIA
CA4221A	<b>LX450</b>	C30880/2	AP1186		SCANIA/ SCANIA ÔNIBUS
CA4255	<b>LX912</b>	C1137	AP1008		TOYOTA
CA4258C	<b>LX901</b>	C1513	AR6196		VOLKSWAGEN
CA4259	<b>LX55</b>	C1399	AR3147		FIAT
CA4260	<b>LX272</b>	C1176/3	AR2867		AGRALE/ ATLAS COPCO/ BAMBOZZI/ VOLKSWAGEN
CA4261	<b>LX64</b>	C3338	AR6084		FORD
CA4309	<b>LX307</b>	C2964	ARL1656		NISSAN/ SUBARU
CA4336	<b>LX958/1</b>	C2648	AR8833		GM
CA4376	<b>LX969</b>	C18378	AP4960		FORD TRATORES
CA4376SY	<b>LXS225</b>	CF1030	AS500		FORD TRATORES
CA4524	<b>LX147</b>	C13109	AR7703		CHRYSLER/ RENAULT
CA4567	<b>LX414</b>	C2991/1	ARL8836		GM/ VOLVO
CA4685	<b>LX227</b>	C23440/1	AP4440		AGRALE/ ATLAS COPCO/ CASE/ CBT/ CLARK/ DYNAPAC/ ENGESA/
CA4685SY	<b>LXS42/1</b>	CF1200	AS830		AGRALE/ ATLAS COPCO/ CASE/ CBT/ CLARK/ DYNAPAC/ ENGESA/

FRAM	MAHLE E METAL LEVE	MANN	TECFIL	LINHA	APLICAÇÃO
CA4691	<b>LX971</b>	C27798	AP5461		FORD/ VOLKSWAGEN
CA4691SY	<b>LXS227</b>	CF1400	AS835		FORD/ VOLKSWAGEN
CA4692SY	<b>LXS226</b>	CF1310	AS836		FORD/ VOLKSWAGEN
CA4813	<b>LX478/1</b>	C17129			CITROEN/ FIAT/ PEUGEOT
CA4950	<b>LX3705</b>	C2694			GM
CA4989	<b>LX1057</b>	C13200	AP2888		AGRALE/ MULLER/ VALMET
CA502	<b>LX760</b>	C311390	AP4807		CASE/ CLARK/ CUMMINS/ EATON YALE/ FIAT ALLIS/ GARDNER
CA502SY	<b>LXS299</b>	C19171	AS213		CASE/ CLARK/ CUMMINS/ EATON YALE/ FIAT ALLIS/ GARDNER
CA5058	<b>LX2645</b>	C2850	ARL1069		FORD
CA5108	<b>LX448</b>	C26168	ARL8837		AUDI/ BMW/ GM/ VOLKSWAGEN
CA5111	<b>LX572</b>	C33156	ARL8103		CITROEN/ PEUGEOT
CA5140	<b>LX453</b>	C2571/1	ARL2506		ALFA ROMEO/ FIAT
CA5155	<b>LX93</b>	C311093/2	AP5569		VOLVO
CA5156	<b>LX906</b>	C26111	ARL6090		FORD/ VOLKSWAGEN
CA5189	<b>LX1098</b>	C351592	AP5570		VOLVO
CA5189	<b>LX1098/1</b>	C351592	AP5570		
CA5222	<b>LX496</b>	C15127/1			MERCEDES BENZ
CA5229	<b>LX330</b>	C18121	AR7701		RENAULT
CA5325	<b>LX907</b>	C2496	ARL4147		FIAT
CA5347	<b>LX1055</b>	C371774	AP5571		VOLVO
CA5356	<b>LX961</b>	C13100	AR4148		FIAT
CA5357	<b>LX435</b>	C26138/1	ARL9601		FORD
CA5370	<b>LX405</b>	C27154/1	ARL6092		SEAT/ VOLKSWAGEN
CA5377	<b>LX418</b>	C28136/1	ARL6094		SEAT/ VOLKSWAGEN
CA5400	<b>LX390</b>	C3178			GM
CA5407	<b>LXS7233</b>	C20118	AS381		VOLVO
CA546	<b>LX972</b>	C21493	AP5460		FORD/ VOLKSWAGEN
CA5463	<b>LX3723</b>		AL5072		MERCEDES BENZ/ RENAULT
CA5466	<b>LX811</b>	C2731/1			TOYOTA
CA5483SY	<b>LXS44/1</b>	CF1600	AS860		CASE/ CLARK/ IVECO/ MERCEDES BENZ/ MICHIGAN/ SANTAL/
CA5488	<b>LX488</b>	C3173	ARL8106		CITROEN/ PEUGEOT/ RENAULT
CA5495	<b>LX589</b>	C2664	ARL2505		FIAT
CA5496	<b>LX523</b>	C2256	ARL8832		GM
CA5513	<b>LX909</b>	C29108	ARL6091		VOLKSWAGEN
CA5585	<b>LX832</b>	C271520			VOLVO
CA5585	<b>LX832/1</b>				VOLVO
CA5626	<b>LX1056</b>	C27844	AP9836		FORD/ GM/ MERCEDES BENZ/ VOLKSWAGEN
CA5626	<b>LX1056/1</b>	C27844	AP9836		
CA5626PU	<b>LX1716</b>	C27830	ARS9839		FORD/ VOLKSWAGEN
CA5626SYPU	<b>LXS260</b>	CF1552	ASR839		FORD/ GM/ MERCEDES BENZ/ VOLKSWAGEN
CA5627	<b>LX908</b>	C2585	ARL4150		FIAT
CA5630A	<b>LX618</b>	C25100	ARL2507		ALFA ROMEO/ FIAT
CA5680	<b>LX614</b>	C34116/1	ARL8839		GM
CA5682	<b>LX687</b>	C2677	ARL9603		
CA5699	<b>LX2082/1</b>	C321420/1	ARS8235		IVECO
CA5712	<b>LX567</b>	C15127/2	AP8518		MERCEDES BENZ
CA5741	<b>LX3986</b>	C17337	ARS8889		CASE/ CATERPILLAR/ FIAT ALLIS
CA5812	<b>LX1068</b>	C22181	AP1002		ASIA MOTORS/ KIA MOTORS
CA5813	<b>LX1097</b>	C18142	AP1001		KIA MOTORS
CA5827	<b>LX684</b>	C37153	ARL6093		AUDI/ VOLKSWAGEN
CA5837	<b>LX962</b>	C2982/1	ARL9604		FORD
CA5873	<b>LX1821</b>		ARL1713		KIA MOTORS
CA5929	<b>LX1712</b>	C2776	ARL9607		FORD
CA5961PU	<b>LX960</b>	C14200	ARS2868		GM/ MASSEY FERGUSON/ VOLKSWAGEN
CA5970	<b>LX735</b>	C30130/3	ARL8840		GM

FRAM	MAHLE E METAL LEVE	MANN	TECFIL	LINHA	APLICAÇÃO
CA5971	<b>LX1096</b>	C21367	AP5462		FORD
CA5971SY	<b>LXS229</b>	CF1560	AS837		FORD
CA598	<b>LX1100</b>	C30883	AP7716		CATERPILLAR
CA5981	<b>LX1315</b>	C1944	ARL8834		GM
CA598SY	<b>LXS232</b>	C20187/1	AP7360		CATERPILLAR
CA6664	<b>LX485</b>				SUZUKI
CA7139	<b>LX1092</b>		ARS2711		GM
CA7139SY	<b>LXS230</b>		ASR815		GM
CA7142	<b>LX989</b>	C2332			MITSUBISHI
CA7174	<b>LX848</b>				HONDA
CA7421	<b>LX964</b>	C2970	ARL8838		GM
CA7480	<b>LX1777</b>	C321170	ARS5135		CATERPILLAR
CA7480SY	<b>LXS7229</b>	CF21239	ASR513		CATERPILLAR
CA7774	<b>LX1937</b>	C1761			FORD
CA8040	<b>LX1298</b>	C2329	ARL1030		HONDA/ NISSAN/ SUBARU
CA8069	<b>LX862</b>	C2337	ARL8827		GM/ SUZUKI
CA8121	<b>LX677</b>				KIA MOTORS
CA8208	<b>LX3696</b>	C2136/1	ARL4140		MITSUBISHI
CA8243	<b>LX1095</b>	C23121/2	ARL9606		FORD/ MAZDA
CA8668	<b>LX513</b>	C32338/1	ARL5310		MERCEDES BENZ
CA8674	<b>LX643</b>	C2159			CITROEN/ PEUGEOT
CA8736	<b>LX1312</b>	C2693	ARL9605		FORD
CA8768	<b>LX804/S</b>	C3698-2	ARL1120		MERCEDES BENZ
CA8774	<b>LX646/1</b>	C1145/6	AR7704		
CA8782	<b>LX1598</b>	C2677/1			FORD/ MAZDA
CA8789	<b>LX794</b>				MERCEDES BENZ
CA8821	<b>LX876</b>	C32199	ARL5137		RENAULT
CA8840	<b>LX1094</b>	C21105	AP1012		ASIA MOTORS/ KIA MOTORS
CA8852	<b>LX2529</b>	C16197	ARS2869		GM
CA8911	<b>LX1689</b>	C3221			HONDA
CA8964	<b>LX773</b>	C1858/1	ART5051		NISSAN/ RENAULT
CA9032	<b>LX1070</b>	C27902	ARS9837		IVECO/ MERCEDES BENZ/ VOLVO
CA9033	<b>LX1093</b>	C20457	ARS9838		MERCEDES BENZ/ MONTANA PARRUDA
CA9080	<b>LX1048</b>	C25117/2	ARL8108		PEUGEOT
CA9129PU	<b>LX2526</b>	C11127	ARS1029		FIAT
CA9231	<b>LX611</b>	C17278	ARS1013		CITROEN/ FIAT/ PEUGEOT
CA9315	<b>LX1287</b>	C3485/3	ARL5053		CITROEN
CA9352SY	<b>LXS251</b>	CF500/1	ASR203		AGRALE
CA9369	<b>LX2533</b>	C21470	ARS5673		FORD/ VOLKSWAGEN
CA9369SY	<b>LXS296</b>		ASR673		FORD/ VOLKSWAGEN
CA9378	<b>LX1770</b>	C28105			FIAT
CA9380SY	<b>LXS287</b>	CF1610	AS116		SCANIA ÔNIBUS
CA9381	<b>LX531</b>	C30703	AP5773		SCANIA ÔNIBUS
CA9388	<b>LX776</b>	C291032/1	AP9496		MERCEDES BENZ
CA9388	<b>LX776/1</b>	C29010KIT	AP9496		
CA9393	<b>LX1631</b>	C2420	ARL1654		NISSAN
CA9410	<b>LX998</b>	C2295/5	ART6098		FORD/ VOLKSWAGEN
CA9418	<b>LX1069</b>	C301622	ARS1189		SCANIA
CA9418SY	<b>LXS262</b>	CF1711	ASR870		SCANIA
CA9419	<b>LX712</b>	C301500	ARS1188		SCANIA
CA9419SY	<b>LXS288</b>	CF1710	ASR188		SCANIA
CA9482	<b>LX1286</b>	C2620	ARL7710		TOYOTA
CA9511	<b>LX1597</b>	C4151	ARL9608		FORD
CA9519	<b>LX977</b>	C2990	ARL6095		VOLKSWAGEN
CA9560	<b>LX1281</b>	C341500/1	AP5572		VOLVO

FRAM	MAHLE E METAL LEVE	MANN	TECFIL	LINHA	APLICAÇÃO
CA9589	<b>LX3524</b>		ARL5303		CHRYSLER
CA9590	<b>LX999</b>	C30125/1	ARL8825		GM
CA9666	<b>LA169</b>	CU2433	ACP202		FORD
CA9744	<b>LX1687/1</b>	C15300	ARS7109		AGCO/ MAXION/ MITSUBISHI/ NISSAN/ VOLVO
CA9745	<b>LX1673</b>	C16400	ARS8842		GM/ MASSEY FERGUSON/ VALMET
CA9746	<b>LX1801</b>	C23610	ARS5134		AGRALE/ MASSEY FERGUSON
CA9746SY	<b>LXS219</b>	CF600/1	ASR353		AGRALE/ MASSEY FERGUSON
CA9747	<b>LX1313/1</b>	C271340	ARS9840		MERCEDES BENZ/ SCANIA/ SCANIA ÔNIBUS/ VOLVO
CA9833	<b>LX2531</b>	C11102	ARS7991		FORD
CA9834	<b>LX3108</b>	C1016	ARM447/1		HONDA
CA9835	<b>LX3109</b>	C1425	ARM446/1		HONDA
CA9855	<b>LX335</b>	C60345	ARL9304		MERCEDES BENZ
CA9916	<b>LX2125</b>	C23107	ARS7065		TOYOTA
CA9936	<b>LX1713</b>	C18263	ARS7990		FORD
CA9945	<b>LX1993</b>	C3324			HONDA
CAK253	<b>LX3714</b>	C14179	AP5080		HYSTER/ HYUNDAI/ LAND ROVER/ MITSUBISHI
CAK258	<b>LX17</b>	C16192	AP6774		CASE/ CBT
CAK5722	<b>LX1067</b>		AP1009		MITSUBISHI
CF10108	<b>LA122/S</b>		ACP703		HONDA
CF10109	<b>LA138</b>	CU2940	ACP903		CITROEN/ COMPAIR/ CUMMINS/ PEUGEOT/ VOLVO
CF10150	<b>LA301</b>	CU2336	ACP972		HYUNDAI/ KIA MOTORS
CF10248	<b>LA298</b>	CU2434	ACP977		KIA MOTORS
CF10285	<b>LA655</b>	CU1919	ACP887		TOYOTA
CF10774	<b>LA472</b>	CU2442	ACP126		GM
CF10776	<b>LA531</b>	CU19001	ACP976		KIA MOTORS
CF10829	<b>LA612</b>	CU20001	ACP904		FIAT
CF10836	<b>LA649</b>				KIA MOTORS
CF10845	<b>LA642</b>	CU2440	ACP206		FORD
CF10860	<b>LA702</b>	CU37001	ACP177		SCANIA
CF10864	<b>LA652/S</b>	CU22018	ACP429		VOLKSWAGEN
CF11670	<b>LA785</b>		ACP205		FORD
CF5474	<b>LA13</b>	CU3979			
CF5475	<b>LA11</b>	CU4251	ACP003		GM
CF5551	<b>LA8</b>	CU2225			CITROEN/ PEUGEOT
CF5662	<b>LA45</b>	CU3955	ACP298		AUDI/ VOLKSWAGEN
CF5663	<b>LA31</b>	CU2882	ACP300		AUDI/ SEAT/ VOLKSWAGEN
CF5664	<b>LA25</b>	CU5257	ACP201		FORD
CF5665	<b>LA21</b>	CU3455			GM
CF5817	<b>LA77</b>	CU3554	ACP200		FORD/ MAZDA
CF5819	<b>LA56</b>	CU2951	ACP102		ALFA ROMEO/ FIAT
CF5823	<b>LA34</b>	CU3942	ACP197		ALFA ROMEO/ FIAT
CF5824	<b>LA46</b>	CU3192			AUDI
CF5842	<b>LA37</b>	CU2897			MERCEDES BENZ
CF5845	<b>LA26</b>				PEUGEOT
CF5846	<b>LA32</b>				PEUGEOT
CF5849	<b>LA33</b>				RENAULT
CF5863	<b>LA49</b>	CU4151			GM
CF5864	<b>LA9</b>	CU2861	ACP797		PEUGEOT
CF5865	<b>LA82</b>	CU2253	ACP700		HONDA/ LAND ROVER
CF5892	<b>LA653</b>		ACP007		VOLVO
CF5893	<b>LA609</b>		ACP553		RENAULT
CF8103	<b>LA1049</b>				BMW
CF8331	<b>LA78</b>	CU3567	ACP203		FORD
CF8777	<b>LA81</b>		ACP905		MERCEDES BENZ
CF8777	<b>LAK81</b>	CUK3780	ACA905		MERCEDES BENZ

FRAM	MAHLE E METAL LEVE	MANN	TECFIL	LINHA	APLICAÇÃO
CF8867	LA74	CU2757	ACP006		GM
CF8868	LA75	CU3054	ACP001		GM
CF8890	LA123	CU4442	ACP105		CITROEN/ FIAT/ IVECO/ PEUGEOT
CF8913	LA1034				BMW
CF8989	LA499	CU2344	ACP100		FIAT
CF9034	LA601	CU2504	ACP101		FIAT
CF9051	LA83	CU3858	ACP600		MERCEDES BENZ
CF9071	LA57	CU3448	ACP800		PEUGEOT
CF9084	LA591	CU3162	ACP305		VOLKSWAGEN
CF9085	LA87	CU2945	ACP550		RENAULT
CF9086	LA40		ACP552		
CF9086	LA60	CU2734	ACP552		
CF9323	LA120	CU2545	ACP303		VOLKSWAGEN
CF9466	LA109	CU1828	ACP885		TOYOTA
CF9478	LA422	CU2629	ACP103		FIAT
CF9479	LA153	CU2655	ACP900		CITROEN
CF9495	LA117	CU3337	ACP005		GM
CF9533	LA142	CUK2422	ACP104		FIAT
CF9655	LA650	CU1722	ACP009		SCANIA
CF9655	LA432	CU1722	ACP009		SCANIA/ SCANIA ÔNIBUS
CF9656	LA677	CU5877	ACP973		MERCEDES BENZ
CF9659	LA1001	CU2015			TOYOTA
CF9807	LA189	CU2143	ACP004		GM
CF9810	LA678	CU4469	ACP969		MERCEDES BENZ
CF9851	LA883	C60148	ACP214		NEW HOLLAND
CF9853	LX3011				MASSEY FERGUSON/ MAXION
CF9854	LA610		ACP215		CASE
CF9881	LA907	CU2842	ACP307		AUDI/ PORSCHE/ VOLKSWAGEN
CFA10055	LA1058				MERCEDES BENZ
CH10502	OX979D	HU711x	PEL106		FORD
CH155APL	OX216	H1074	PH1960		CATERPILLAR
CH191APL	OX3D	H1072/11X	PL9F6700		CATERPILLAR/ GARDNER DENVER/ KOMATSU
CH200PL	OX215D	H941	PL390		GM
CH211A	OX218D	H13153	PL516		ADAMS/ CASE/ CLARK/ CUMMINS/ DYNAPAC/ EATON YALE/ ENGE-
CH238PL	OX217D	H1496	PL6H9999		ATLAS COPCO/ CATERPILLAR/ GARDNER DENVER/ INGERSOLL
CH2801-1	OX43D	H932/1	PL425		TOYOTA
CH2927	OX197D	H12111X	PL519		BANTAN/ BARBER GREENE/ CLARK/ DYNAPAC/ EATON YALE/
CH2962	OX69D	H12110/2X	PL447		MERCEDES BENZ
CH2963	OX71D	H1275X	PL449		MERCEDES BENZ
CH2989	OX75D	H1164	PL345		HUBER WABCO/ LIEBHERR/ MERCEDES BENZ/ SANTAL
CH33APL	OX5D	H11106/1	PL132/1		CASE/ FIAT ALLIS/ PUMA/ SLC
CH4829	OX199D	H1271	PL442		CASE/ CBT/ CLARK/ DYNAPAC/ EATON YALE/ FIAT ALLIS/ GALION/
CH5261	OX150D	H932/4	PL364		MERCEDES BENZ/ TOYOTA
CH5262	OX137D	H947/1x	PL366		CASE/ MERCEDES BENZ/ SLC
CH5412	OX98D	PF1055/1X	PL180		MERCEDES BENZ
CH5933	OX168D	HU12140X	PEL2001		MERCEDES BENZ
CH5957ECO	OX161/D	HU931/5X	PEL2003		MERCEDES BENZ
CH6015	OX410D	MH54X	PL153		HONDA
CH803APL	HX15	H601/4	PH346		AGRALE/ CASE/ CBT/ ENGESA/ FIAT/ FORD/ GM/ IVECO/ MERCE-
CH813PL	OX18D	H820/3X	PL957		ATLAS COPCO/ BAMBOZZI/ BANTAN/ BARBER GREENE/ CASE/
CH816PL	KX25	P824	PC162A		CASE/ MAXION
CH834PL	OX200D	H1034/3	PL265		ATLAS COPCO/ BMW/ BUCYRUS ERIE/ CASE/ CBT/ CLARK/ EATON
CH9301ECO	OX980D3	HU718/1k	PEL311		CHRYSLER/ MERCEDES BENZ
CH9389	OX174D	HU945/2X	PEL2002		MERCEDES BENZ
CH9443ECO	OX193D	HU612x	PEL110		CITROEN/ PEUGEOT

FRAM	MAHLE E METAL LEVE	MANN	TECFIL	LINHA	APLICAÇÃO
CH9462ECO	<b>OX210D</b>	HU923X	PEL312		RENAULT
CH9558	<b>OX348D</b>	HU12110X	PEL2004		MERCEDES BENZ
CH9580ECO	<b>OX209D</b>	HU611X	PEL705		RENAULT
CH9584	<b>OX175D</b>	HU816/2x	PEL119		BMW/ CHRYSLER/ FIAT
CH962PL	<b>OX47D</b>	H720	PL46		CASE/ IDEAL/ MASSEY FERGUSON/ MAXION/ MERCEDES BENZ/
CH9713ECO	<b>OX827D</b>	HU713/1X	PEL118		FIAT
CH9911	<b>OX379D</b>	HU719/6X			AUDI/ VOLKSWAGEN
CH9973ECO	<b>OX339/2D</b>	HU711/51X	PEL108		CITROEN/ FORD/ PEUGEOT
CS3504	<b>KX88/1D</b>	P1278/1	PD202		SCANIA
CS3558	<b>KX89/2D</b>	P1234	PD204		RANDON/ SANTAL/ SCANIA/ SCANIA ÔNIBUS/ VOLVO
G10226F	<b>KL420</b>	WK612/7	GI60/7		FORD
G10230F	<b>KL583(Plus)</b>	WK612	GI50/7		CITROEN/ HYUNDAI/ KIA MOTORS/ NISSAN/ PEUGEOT/ RENAULT/
G12	<b>KL63</b>	WK44/4	GU86		AGRALE/ ASIA MOTORS/ AUDI/ BMW/ CBT/ CHRYSLER/ CITROEN/
G3802A	<b>KL224</b>	WK712/4	GI06		
G3829	<b>KL2</b>	WK830	GI01		ALFA ROMEO/ AUDI/ BMW/ CITROEN/ FIAT/ FORD/ GM/ LAND ROV-
G5188	<b>KL222</b>	WK48/3	AG68		AGRALE/ AUDI/ BMW/ CBT/ CHRYSLER/ CITROEN/ ENGESA/ FIAT/
G5471	<b>KL225</b>	WK47/1	GI02		GM
G5493	<b>KL239/1</b>	WK513	GI40/7		FIAT
G5540	<b>KL83</b>	WK58	GI04		ALFA ROMEO/ DAEWOO/ FIAT/ FORD/ GM
G5738	<b>KL237</b>	WK613/3	GI08/1		SEAT/ VOLKSWAGEN
G5738	<b>KL237/1</b>	WK613/3	GI08/1		VOLKSWAGEN
G5774	<b>KL66</b>	WK516/1			BMW
G5857	<b>KL72</b>				CITROEN/ PEUGEOT/ RENAULT
G5870	<b>KL79</b>	WK730/1	GI10		AUDI/ VOLKSWAGEN
G5870	<b>KL79/3</b>	WK730/1	GI10		AUDI/ VOLKSWAGEN
G5995	<b>KL582(Plus)</b>	WK58	GI04/7		ALFA ROMEO/ CHERY/ DAEWOO/ FIAT/ FORD/ GM/ HONDA/ MITSU-
G6400	<b>KL60</b>	WK613	GI03		BMW/ CITROEN/ FIAT/ GM/ MITSUBISHI/ PEUGEOT/ SEAT/ VOLKS-
G6400	<b>KL60/2</b>	WK613	GI03/1		FIAT/ VOLKSWAGEN
G7599	<b>KL185</b>	WK68/1X	GI09		HONDA
G7612	<b>KL140</b>	WK614/36x			TOYOTA
G7649	<b>KL223</b>	WK613/4	GI07		FORD
G7729	<b>KL238D</b>	WK510	GI41		FIAT
G8781	<b>KL223/1</b>	WK613/4	GI07/1		FORD/ VOLKSWAGEN
G9412	<b>KL465</b>				FORD
G9889F	<b>KL224/1</b>	WK712/4	GI06/7		CHERY/ FORD/ GM
G9892F	<b>KL635</b>	WK730/6	GI12/7		HONDA/ VOLKSWAGEN
HPH6349A	<b>OC304</b>	WP12300	PSL300		CASE/ CUMMINS/ FIAT ALLIS/ FORD/ RANDON/ VOLKSWAGEN
P10503	<b>KC492</b>	WK962/13	PSC353		AGRALE/ VOLKSWAGEN/ VOLVO
P10607	<b>KC437</b>	WK1124	PSC491		VOLKSWAGEN
P1103A	<b>KC133</b>	WK955/2	PSC172		ADAMS/ CASE/ CLARK/ CUMMINS/ DYNAPAC/ ENGESA/ FORD/
P1104	<b>KC114</b>	WK950/13	PSC744		ATLAS COPCO/ CATERPILLAR/ DYNAPAC/ GARDNER DENVER/
P3376	<b>KC222</b>	WK11102/5	PSC085		CATERPILLAR
P3401	<b>KC107</b>	WK940/7	PSC410		CASE/ CLARK/ CUMMINS/ DYNAPAC/ ENGESA/ FIAT ALLIS/ FORD/
P3555A	<b>OC532</b>	W12100	PSL277		CUMMINS
P3555PL	<b>OC282</b>	WP11102	PSL419		CATERPILLAR/ VOLVO
P3828	<b>OC239</b>	W1114/80	PSL322		KIA MOTORS
P3961	<b>HC85</b>	W1290/1	PSH211		CASE
P4102	<b>KC24</b>	WK723	PSC72/2		AGRALE/ ATLAS COPCO/ BOB CAT/ CASE/ CUMMINS/ DYNAPAC/
P4102/P4688	<b>KC6D</b>	WK723			AGRALE/ BOB CAT/ CASE/ CLARK/ DYNAPAC/ FIAT ALLIS/ FORD/
P4105	<b>KC4</b>	WK1162	PSC100		FIAT/ FIAT ALLIS/ MAXION/ NEW HOLLAND
P4159	<b>KC22</b>	WK814/1	PSC401		AUDI/ MERCEDES BENZ
P4173	<b>KL33</b>	WK31/5			MAZDA/ MERCEDES BENZ
P4587	<b>KC18</b>	WK842	PSC496		AGRALE/ ALFA ROMEO/ AUDI/ BMW/ CASE/ CITROEN/ FIAT/ FORD/
P4637A	<b>HC84</b>	W950/8	PSH96		AGRALE
P4637A	<b>HC76</b>	W950/8	PSH486		AGRALE/ FORD/ FORD TRATORES/ SLC

FRAM	MAHLE E METAL LEVE	MANN	TECFIL	LINHA	APLICAÇÃO
P4836	<b>KL41</b>	WK842/3	PSC498		AGRALE/ FORD/ GM/ HONDA/ LAND ROVER
P4886	<b>KC46</b>	WK920/1	PSC998		ASIA MOTORS/ HYUNDAI/ KIA MOTORS/ MITSUBISHI
P4922	<b>KC83</b>	WK940/1	PSC999		HYUNDAI/ MITSUBISHI/ TOYOTA
P5158	<b>HC99</b>	W1374/2	PSH766		CASE
P5163	<b>KC518</b>	WK1139			NISSAN
P5328	<b>KL75</b>	WK842/4	PSC498/1		FORD/ GM/ SEAT/ VOLKSWAGEN
P5573	<b>HC83</b>	W950/12	PSH306		VALMET
P5694	<b>KC75</b>	WK962/7	PSC79		VOLVO
P5797	<b>KC94</b>	WK940/12	PSC84		CASE/ SANTAL/ SCANIA/ SCANIA ÔNIBUS
P6893	<b>HC105</b>		PSH242		CASE
P6893	<b>HC112</b>	WH980/3			CASE/ CATERPILLAR/ JOHN DEERE
P6893	<b>HC102</b>	WH980/3	PSH607		VOLVO
P7566	<b>HC109</b>		PSH235		CLARK
P8264	<b>KC134</b>		PSC745		GM
P9368	<b>KC113</b>	WK731	PSC73/1		AGRALE/ AM HOIST/ ATLAS COPCO/ CASE/ CATERPILLAR/ DEMAG
P9422	<b>KC441</b>	WK940/10	PSC82		SCANIA/ SCANIA ÔNIBUS
P9454	<b>KC440</b>	WK950/21	PSC403		FORD/ IVECO/ VOLKSWAGEN
PFA5693	<b>AL12</b>	TB1374X	DSF0202		FORD/ IVECO/ MERCEDES BENZ/ SCANIA/ SCANIA ÔNIBUS/
PH10060	<b>OC1239</b>	W7013	PSL615		CADILLAC/ CHRYSLER/ DODGE/ FIAT/ GM/ HUMMER/ SUZUKI
PH10229	<b>HC81</b>		PSH111		DYNAPAC/ KOMATSU
PH10268	<b>OC1222</b>		PSL657		CITROEN/ FIAT/ PEUGEOT
PH10904	<b>OC600</b>	W6 multi 20	TM5		FIAT/ HONDA/ KIA MOTORS/ MITSUBISHI/ NISSAN
PH10905	<b>OC504 PLUS</b>	W7 multi 18	TM3		DAEWOO/ FIAT/ GM
PH10906	<b>OC505 PLUS</b>	W7 multi 20	TM4		ALFA ROMEO/ ATLAS COPCO/ CITROEN/ FIAT/ HYUNDAI/ LOMBA-
PH10907	<b>OC506 PLUS</b>	W7 multi 3/4S	TM1		ALFA ROMEO/ BMW/ CHRYSLER/ CITROEN/ FIAT/ FORD/ KIA
PH10908	<b>OC522 PLUS</b>	W7 multi 3/4D	TM2		AUDI/ BMW/ FORD/ GURGEL/ SEAT/ VOLKSWAGEN
PH11009	<b>OC1176</b>	WP12121	PSL909		FORD/ VOLKSWAGEN
PH13	<b>OC114</b>	W936/8	PSL959		CLARK/ EATON YALE/ GM/ HYSTER/ PUMA/ SANTA MATILDE
PH2801B	<b>OC60</b>	W962	PSL962		AGRALE/ ATLAS COPCO/ CASE/ CBT/ DEUTZ/ DYNAPAC/ ENGESA/
PH2811	<b>OC18</b>	W920/7	PSL171		AGRALE/ AM HOIST/ ATLAS COPCO/ BOB CAT/ CASE/ CHRYSLER/
PH2821C	<b>OC324</b>	W934	PSL900		AGRALE/ ATLAS COPCO/ AUDI/ BANTAN/ BARBER GREENE/ CASE/
PH2842	<b>OC26</b>	W940/18	PSL123		AGRALE/ ATLAS COPCO/ CASE/ CBT/ DEUTZ/ DYNAPAC/ ENGESA/
PH2845	<b>OC301</b>	W930/6	PSL958		AGRALE/ CLARK/ EATON YALE/ ENGESA/ GM/ HYSTER/ PUMA
PH2856	<b>OC318</b>	W920/41	PSL321		ASIA MOTORS/ CHERY/ CHRYSLER/ GM/ HYUNDAI/ KIA MOTORS/
PH2861B	<b>OC204</b>	W917	PSH421		VOLVO
PH2862C	<b>OC317</b>	W712/12	PSL62		CHERY/ DAEWOO/ GM
PH2863	<b>OC23</b>	W920/31	PSL47		ALFA ROMEO/ BMW/ CHRYSLER/ FIAT/ FORD/ LADA/ NISSAN
PH2870A	<b>HC45</b>	W719/4	PSL561		FORD
PH2870B	<b>OC47</b>	W719/5	PSL562		AUDI/ BMW/ FORD/ GURGEL/ SEAT/ VOLKSWAGEN
PH2883	<b>OC35</b>	W1170	PSL339		AGRALE/ BOB CAT/ FIAT/ FIAT ALLIS/ FORD/ FORD TRATORES/
PH2895	<b>OC38</b>	W723/3	PSL408		AUDI/ CBT/ CIBER/ EATON YALE/ MASSEY FERGUSON/ MAXION/
PH2960	<b>OC40</b>	W11102/9	PSL568		CASE/ FORD
PH2960	<b>OC403</b>	W11102/37	PSL174		SCANIA/ SCANIA ÔNIBUS
PH3335	<b>OC122</b>	W13145/2	PSL405		CATERPILLAR
PH3335	<b>OC530</b>	W131452	PSL405		CATERPILLAR
PH3375	<b>OC531</b>	W12106	PSL270		CUMMINS/ KOMATSU
PH36	<b>OC336</b>	W934/2			CATERPILLAR
PH3614	<b>OC235</b>	W712/43	PSL127		BMW/ CHERY/ CITROEN/ FORD/ KIA MOTORS/ MAZDA/ TOYOTA
PH3757	<b>OC319</b>	W1262	PSL281		CLARK/ CUMMINS/ ENGESA/ FIAT ALLIS/ HUBER WABCO/ MANNE-
PH3900	<b>OC333</b>	W940/34	PSL282		CASE/ FORD
PH3976	<b>OC320</b>	W950/16	PSL280		CASE/ CLARK/ CUMMINS/ FORD/ KOMATSU/ MANNESMANN/ MAS-
PH3980	<b>OC81</b>	W719/31	PSL620		GM
PH4558	<b>OC66</b>	W712/16	PSL43		ALFA ROMEO/ FIAT
PH4701	<b>OC1031</b>				FIAT/ GM
PH4722	<b>OC90</b>	W712/22	PSL619		DAEWOO/ FIAT/ GM

FRAM	MAHLE E METAL LEVE	MANN	TECFIL	LINHA	APLICAÇÃO
PH4722	<b>OC1030</b>				FIAT/ GM
PH4826	<b>OC503</b>	W950/35	PSL325		ASIA MOTORS/ CITROEN/ PEUGEOT
PH4847A	<b>OC248</b>	WP1144	PSL156		CITROEN/ FIAT/ IVECO/ PEUGEOT/ RENAULT/ SEAT
PH4853	<b>OC299</b>	W921/80	PSL323		KIA MOTORS
PH49	<b>OC529</b>	W1173	PSL400		CASE/ CATERPILLAR
PH4934	<b>OC30</b>	W950/9	PSL418		ATLAS COPCO/ FIAT ALLIS/ VOLVO
PH4967A	<b>OC534</b>	W68/80	PSL129		CHERY/ CHRYSLER/ DAIHATSU/ NISSAN/ RENAULT/ SUZUKI/ TO-
PH49A	<b>OC121</b>	W11102/4	PSL417		CATERPILLAR/ DYNAPAC/ GM/ SCANIA/ VOLVO
PH5123	<b>OC275</b>	WP928/80	PSL128		TOYOTA
PH5190	<b>OC1237</b>	WP920/80			GM/ SUZUKI
PH5426	<b>OC332</b>	W923	PSL617		GM
PH5443	<b>OC261</b>	W923/1	PSL902		FORD/ GM/ LAND ROVER/ MERCEDES BENZ
PH5529	<b>OC1062</b>	WP1045	PSL158		KIA MOTORS/ MITSUBISHI
PH5548A	<b>OC250</b>	W712/5	PSL560		SEAT/ VOLKSWAGEN
PH5552	<b>OC1241</b>	W719/30	PSL564		AUDI/ VOLKSWAGEN
PH5566	<b>OC100</b>	W712/8	PSL135		ATLAS COPCO/ CITROEN/ LOMBARDINI/ PEUGEOT
PH5713	<b>OC1029</b>				FORD
PH5796	<b>OC309</b>	W75/2	PSL77		NISSAN/ PEUGEOT/ RENAULT
PH5803	<b>OC266</b>	W719/27	PSL144		FORD
PH5949	<b>OC1028</b>				FIAT/ MITSUBISHI
PH6017A	<b>OC1019</b>	MW64	PSL638		HONDA/ KAWASAKI
PH6018	<b>OC1018</b>		PSL639		SUZUKI
PH6022	<b>OC1021</b>		PSL637		HARLEY DAVIDSON
PH6063	<b>OC91</b>	MW712			BMW
PH6355A	<b>OC274</b>	WP928/81	PSL327		ALFA ROMEO/ HYUNDAI/ KIA MOTORS/ MAZDA/ MITSUBISHI
PH6607	<b>OC195</b>	W67/80	PSL78		ASIA MOTORS/ KIA MOTORS/ MAZDA/ NISSAN/ RENAULT/ SUZUKI
PH6607	<b>OC704</b>	W79	PSL51		RENAULT
PH6643	<b>OC334</b>		PSL567		FORD/ FORD TRATORES
PH7014	<b>OC302</b>	W1167/2	PSL569		FORD/ FORD TRATORES/ NEW HOLLAND
PH7136	<b>OC303</b>	W1168/5	PSL301		MERCEDES BENZ
PH8789	<b>HC96</b>	W930/14	PSH173		SCANIA/ SCANIA ÔNIBUS
PH8999	<b>OC259</b>	W610	PSL55		FIAT/ HONDA/ KIA MOTORS/ MITSUBISHI/ NISSAN
PH8A	<b>OC67</b>	W940/81	PSL714		BANTAN/ BOB CAT/ CASE/ CHRYSLER/ FORD/ FORD TRATORES/
PH927A	<b>OC300</b>	W915/9	PSL565		FORD/ GM/ VOLKSWAGEN
PH9503	<b>OC404</b>	W1323	PSL340		AGRALE/ GM/ MITSUBISHI/ NISSAN/ TROLLER/ VOLKSWAGEN
PH9617	<b>OC502</b>	W950/26	PSL283		FORD/ IVECO/ VOLKSWAGEN
PH9648	<b>OC728</b>	W75/5			GM
PH977B	<b>OC308</b>	W950/7	PSL675		ATLAS COPCO/ CASE/ CBT/ CIBER/ DYNAPAC/ FORD/ FORD
PR3304	<b>WFC1</b>	WA940/1	PSA299		
PR3392A	<b>WFC3</b>	WA956/1	PSA761		
PR3908	<b>WFC2</b>	WA923/1	PSA331		
PR3909	<b>WFC4</b>	WA921/1	PSA272		
PS10061	<b>KC214</b>	WK950/19	PSC493		IVECO
PS10178	<b>KC131</b>		PSD964		FORD/ VOLKSWAGEN
PS10606	<b>KC120</b>	WK940	PSD960/1		AGRALE
PS10609	<b>KC127</b>	WK1156/1	PSD460/1		MERCEDES BENZ/ VOLKSWAGEN
PS10610	<b>KC125/1</b>	WK1050/1	PSD480/1		IVECO/ MERCEDES BENZ
PS10611	<b>KC496D</b>				MERCEDES BENZ
PS6643	<b>KC119</b>	WK940/24	PSD530		AGRALE/ CASE/ GM/ MERCEDES BENZ
PS6829	<b>KC118</b>	WK947/2	PSD960		FORD/ VOLKSWAGEN
PS8187	<b>KC122</b>	WK1156/1	PSD460		FIAT/ GM/ MERCEDES BENZ/ MONTANA PARRUDA/ VOLKSWAGEN
PS8486A	<b>KC124/1</b>	WK1060/1	PSD470/1		GM/ MONTANA PARRUDA/ VOLVO/ SCANIA
PS8486A	<b>KC124</b>	WK1060/1	PSD470		SCANIA/ VOLVO
PS8787	<b>KC129/1</b>	WK824	PSC406		FORD/ GM/ MERCEDES BENZ
PS9026	<b>KC125</b>	WK1050/1	PSD480		IVECO/ MERCEDES BENZ



MANN	MAHLE E METAL LEVE	FRAM	TECFIL	LINHA	APLICAÇÃO
54501067114	<b>LX1102</b>		AP780		VOLVO
56230054171	<b>HX55</b>		TH302		VALMET
56240053241	<b>HX56</b>		TH225		VALMET
BFU700SCI	<b>KX49</b>	C11864ZP	FC164		MERCEDES BENZ/ SLC
BFU707	<b>KX43</b>	C11860ZP	FC161		AGRALE/ BANTAN/ BARBER GREENE/ CASE/ CBT/ CHRYSLER/
BFU811SCI	<b>KX44</b>	C11861ZP	FC165		ATLAS COPCO/ CASE/ DEUTZ/ DYNAPAC/ EATON YALE/ FIAT
BL4	<b>FT6211700</b>				
C1016	<b>LX3108</b>	CA9834	ARM447/1		HONDA
C11100	<b>LX1802</b>	CA10028	ARS1110		AGRALE
C11102	<b>LX2531</b>	CA9833	ARS7991		FORD
C11127	<b>LX2526</b>	CA9129PU	ARS1029		FIAT
C1137	<b>LX912</b>	CA4255	AP1008		TOYOTA
C1145/6	<b>LX646/1</b>	CA8774	AR7704		
C1157/2	<b>LXS231</b>	CA282SY	AS950		FORD
C1158	<b>LX1066</b>	C5499	ARL1116		ASIA MOTORS/ DAIHATSU
C1176/3	<b>LX272</b>	CA4260	AR2867		AGRALE/ ATLAS COPCO/ BAMBOZZI/ VOLKSWAGEN
C1215	<b>LX3111</b>		ARM444/1		HONDA
C1253	<b>LX963</b>	CA2672	AR2953		FORD/ VOLKSWAGEN
C13100	<b>LX961</b>	CA5356	AR4148		FIAT
C13109	<b>LX147</b>	CA4524	AR7703		CHRYSLER/ RENAULT
C13114/4	<b>LX200</b>	CA3105	AP8528		AGRALE/ CASE/ DYNAPAC/ ENGESA/ FIAT/ FORD/ FORD
C13114/4	<b>LX200/1</b>	CA3105	AP8528		
C13145	<b>LX2959</b>		ARS6333		CATERPILLAR/ JOHN DEERE/ KUBOTA/ YANMAR
C1315	<b>LX3106</b>		ARM449/1		HONDA
C13200	<b>LX1057</b>	CA4989	AP2888		AGRALE/ MULLER/ VALMET
C1371	<b>LX1062</b>	CA237	AP8048		CATERPILLAR
C1380	<b>LX290</b>	CA3154	AR7702		CITROEN/ GM/ RENAULT
C1399	<b>LX55</b>	CA4259	AR3147		FIAT
C14179	<b>LX3714</b>	CAK253	AP5080		HYSTER/ HYUNDAI/ LAND ROVER/ MITSUBISHI
C14200	<b>LX960</b>	CA5961PU	ARS2868		GM/ MASSEY FERGUSON/ VOLKSWAGEN
C14230	<b>LX2527</b>		ARS6940		CASE
C1425	<b>LX3109</b>	CA9835	ARM446/1		HONDA
C1428	<b>LX3107</b>		ARM448/1		HONDA
C15127/1	<b>LX496</b>	CA5222			MERCEDES BENZ
C15127/2	<b>LX567</b>	CA5712	AP8518		MERCEDES BENZ
C1513	<b>LX901</b>	CA4258C	AR6196		VOLKSWAGEN
C15165/3	<b>LX275</b>	CA3295	AP7108		AGRALE/ ATLAS COPCO/ CBT/ ENGESA/ FIAT ALLIS/ FORD/ FORD
C1522	<b>LX904/1</b>	CA3130	AR6194		PUMA/ VOLKSWAGEN
C15300	<b>LX1687/1</b>	CA9744	ARS7109		AGCO/ MAXION/ MITSUBISHI/ NISSAN/ VOLVO
C1535/1	<b>LX903/1</b>	CA2737	AR6193		HOSS VOEGELE/ PUMA/ PUTSMEISTER/ VOLKSWAGEN
C16134/1	<b>LX1780/3</b>		ARS5196		FORD
C16140	<b>LX1063</b>	CA236	AP4935		CATERPILLAR
C16192	<b>LX17</b>	CAK258	AP6774		CASE/ CBT
C16197	<b>LX2529</b>	CA8852	ARS2869		GM
C16244	<b>LX2124</b>	CA10111	ARS7993		FORD
C16247/1	<b>LX610</b>		ARS8233		IVECO
C1635	<b>LX984/2</b>				BMW
C16400	<b>LX1673</b>	CA9745	ARS8842		GM/ MASSEY FERGUSON/ VALMET
C17006	<b>LX3304</b>		ART9613		FORD
C17129	<b>LX478/1</b>	CA4813			CITROEN/ FIAT/ PEUGEOT
C17225/3	<b>LX236</b>	CA4202	AP2710		CASE/ CBT/ COMPAIR/ DEMAG BAGGER/ DYNAPAC/ FORD/ FORD
C17232	<b>LX2646</b>		AP7992		FORD
C17262	<b>LX975</b>	CA282	AP7996		FORD
C17262/1	<b>LX974</b>	CA282A	AP7997		FORD
C17278	<b>LX611</b>	CA9231	ARS1013		CITROEN/ FIAT/ PEUGEOT

MANN	MAHLE E METAL LEVE	FRAM	TECFIL	LINHA	APLICAÇÃO
C17308	<b>LX910</b>	CA283C	AP7998		AGRALE/ FORD/ MERCEDES BENZ/ VOLKSWAGEN
C1732	<b>LX900/1</b>	CA3191	AR6195		GURGEL/ VOLKSWAGEN
C1733	<b>LX1711</b>		ARL5136		PEUGEOT/ RENAULT
C17337	<b>LX3986</b>	CA5741	ARS8889		CASE/ CATERPILLAR/ FIAT ALLIS
C1761	<b>LX1937</b>	CA7774			FORD
C18004	<b>LX3697</b>		ARL1035		HONDA
C18121	<b>LX330</b>	CA5229	AR7701		RENAULT
C18142	<b>LX1097</b>	CA5813	AP1001		KIA MOTORS
C18209	<b>LX3486</b>		AR1017		KIA MOTORS
C18263	<b>LX1713</b>	CA9936	ARS7990		FORD
C18360/1	<b>LX3190</b>		ARS6223		JOHN DEERE/ MASSEY FERGUSON/ MITSUBISHI/ NEW HOLLAND
C18378	<b>LX969</b>	CA4376	AP4960		FORD TRATORES
C18450/1	<b>LX2532</b>	CA10221	ARS8236		IVECO/ TROLLER
C1858/1	<b>LX773</b>	CA8964	ART5051		NISSAN/ RENAULT
C19171	<b>LXS299</b>	CA502SY	AS213		CASE/ CLARK/ CUMMINS/ EATON YALE/ FIAT ALLIS/ GARDNER
C1944	<b>LX1315</b>	CA5981	ARL8834		GM
C1995	<b>LX795</b>				CITROEN/ PEUGEOT
C20118	<b>LXS7233</b>	CA5407	AS381		VOLVO
C20164	<b>LX1064</b>	CA3105	AP2813		HYUNDAI
C20168	<b>LXS7231</b>		AS571		VOLVO
C20187/1	<b>LXS232</b>	CA598SY	AP7360		CATERPILLAR
C2029	<b>LX3505</b>		ARL2334		HYUNDAI
C20325	<b>LX243</b>	CA3291A	AP2032		AGRALE/ BUCYRUS ERIE/ CASE/ CLARK/ DYNAPAC/ FIAT ALLIS/
C20325/2	<b>LX265</b>	CA3291	AP9834		AGRALE/ ATLAS COPCO/ CASE/ CBT/ CLARK/ COMPAIR/ DEUTZ/
C20457	<b>LX1093</b>	CA9033	ARS9838		MERCEDES BENZ/ MONTANA PARRUDA
C20500	<b>LX1314</b>		ARS3003		AGRALE
C21105	<b>LX1094</b>	CA8840	AP1012		ASIA MOTORS/ KIA MOTORS
C211106	<b>LX3701</b>		ARL4153		FIAT
C2120	<b>LX157</b>	CA2718	AR2147		DAIHATSU/ FIAT
C2136/1	<b>LX3696</b>	CA8208	ARL4140		MITSUBISHI
C21367	<b>LX1096</b>	CA5971	AP5462		FORD
C21470	<b>LX2533</b>	CA9369	ARS5673		FORD/ VOLKSWAGEN
C21493	<b>LX972</b>	CA546	AP5460		FORD/ VOLKSWAGEN
C2159	<b>LX643</b>	CA8674			CITROEN/ PEUGEOT
C2160	<b>LA656</b>				VOLVO
C22113	<b>LX2644</b>	CA10130			FIAT
C22181	<b>LX1068</b>	CA5812	AP1002		ASIA MOTORS/ KIA MOTORS
C22267	<b>LX3235</b>	CA10703	AP7060		TOYOTA
C2240	<b>LX1645</b>	CA10165	ARL1034		HONDA
C2256	<b>LX523</b>	CA5496	ARL8832		GM
C2266	<b>LX2818</b>		ARL9612		FORD
C2278	<b>LX2642</b>	CA10094	ARL9602		FORD
C2295/3	<b>LX708</b>				VOLKSWAGEN
C2295/5	<b>LX998</b>	CA9410	ART6098		FORD/ VOLKSWAGEN
C23006	<b>LX3506</b>	CA10084	ARL2333		HYUNDAI
C23107	<b>LX2125</b>	CA9916	ARS7065		TOYOTA
C23121/2	<b>LX1095</b>	CA8243	ARL9606		FORD/ MAZDA
C2329	<b>LX1298</b>	CA8040	ARL1030		HONDA/ NISSAN/ SUBARU
C2332	<b>LX989</b>	CA7142			MITSUBISHI
C2337	<b>LX862</b>	CA8069	ARL8827		GM/ SUZUKI
C23440/1	<b>LX227</b>	CA4685	AP4440		AGRALE/ ATLAS COPCO/ CASE/ CBT/ CLARK/ DYNAPAC/ ENGESA/
C2348	<b>LX3686</b>		ARL1572		COMPAIR/ DEUTZ/ LOMBARDINI
C23610	<b>LX1801</b>	CA9746	ARS5134		AGRALE/ MASSEY FERGUSON
C24005	<b>LX3703</b>	CA10190	ARL2203		TOYOTA
C24011	<b>LX3713</b>		ARL4141		MITSUBISHI

MANN	MAHLE E METAL LEVE	FRAM	TECFIL	LINHA	APLICAÇÃO
C2420	<b>LX1631</b>	CA9393	ARL1654		NISSAN
C24203	<b>LX2530</b>		AP7070		TOYOTA
C24444	<b>LX116</b>	CA224	AP8047		CATERPILLAR
C24580	<b>LX2528</b>		ARS2499		CATERPILLAR
C24650	<b>LX241</b>	CA3290	AP4650		ATLAS COPCO/ EATON YALE/ KOMATSU/ MANNESMANN/
C24650/1	<b>LX271/2</b>	CA3280	AP4650/1		ATLAS COPCO/ CASE/ CLARK/ DYNAPAC/ ENGESA/ FIAT/ HUBER
C24760	<b>LX2534</b>				CASE
C2496	<b>LX907</b>	CA5325	ARL4147		FIAT
C25010	<b>LX3236</b>	CA10564	AR8113		HYUNDAI
C25100	<b>LX618</b>	CA5630A	ARL2507		ALFA ROMEO/ FIAT
C25117/2	<b>LX1048</b>	CA9080	ARL8108		PEUGEOT
C25118/1	<b>LX1765</b>	CA10832	ARL8109		CITROEN/ PEUGEOT
C2512	<b>LX957/3</b>	CA10346	ART5054		NISSAN/ RENAULT
C2571/1	<b>LX453</b>	CA5140	ARL2506		ALFA ROMEO/ FIAT
C25710	<b>LX2619</b>	CA10030	ARS3902		MAXION
C2585	<b>LX908</b>	CA5627	ARL4150		FIAT
C26014	<b>LX2739</b>				HYUNDAI/ KIA MOTORS
C26108	<b>LX3489</b>		ARL8828		GM
C26111	<b>LX906</b>	CA5156	ARL6090		FORD/ VOLKSWAGEN
C26138/1	<b>LX435</b>	CA5357	ARL9601		FORD
C26168	<b>LX448</b>	CA5108	ARL8837		AUDI/ BMW/ GM/ VOLKSWAGEN
C2620	<b>LX1286</b>	CA9482	ARL7710		TOYOTA
C2631	<b>LX1785</b>	CA10086	ARL2331		HYUNDAI/ KIA MOTORS
C2639	<b>LX902/1</b>	CA2653	AR3589		AGRALE/ CLARK/ EATON YALE/ GM/ HYSTER/ PUMA/ SANTA MA-
C2646	<b>LX202</b>	CA2732	AR6089		FORD/ VOLKSWAGEN
C2648	<b>LX958/1</b>	CA4336	AR8833		GM
C2664	<b>LX589</b>	CA5495	ARL2505		FIAT
C2677	<b>LX687</b>	CA5682	ARL9603		
C2677/1	<b>LX1598</b>	CA8782			FORD/ MAZDA
C2680	<b>LX2830</b>		AR7705		RENAULT
C2693	<b>LX1312</b>	CA8736	ARL9605		FORD
C2694	<b>LX3705</b>	CA4950			GM
C271050	<b>LX3562</b>				SINOTRUK
C271250/1	<b>LX3593</b>				MAN
C271340	<b>LX1313/1</b>	CA9747	ARS9840		MERCEDES BENZ/ SCANIA/ SCANIA ÔNIBUS/ VOLVO
C271520	<b>LX832</b>	CA5585			VOLVO
C27154/1	<b>LX405</b>	CA5370	ARL6092		SEAT/ VOLKSWAGEN
C2731/1	<b>LX811</b>	CA5466			TOYOTA
C2735	<b>LX3509</b>	CA10539	ARL2332		HYUNDAI
C2776	<b>LX1712</b>	CA5929	ARL9607		FORD
C27798	<b>LX971</b>	CA4691	AP5461		FORD/ VOLKSWAGEN
C27830	<b>LX1716</b>	CA5626PU	ARS9839		FORD/ VOLKSWAGEN
C27844	<b>LX1056</b>	CA5626	AP9836		FORD/ GM/ MERCEDES BENZ/ VOLKSWAGEN
C27844	<b>LX1056/1</b>	CA5626	AP9836		
C27902	<b>LX1070</b>	CA9032	ARS9837		IVECO/ MERCEDES BENZ/ VOLVO
C2799	<b>LX1065</b>	CA2647	AP1026		CHRYSLER/ FORD/ MULLER/ VOLKSWAGEN
C28010	<b>LX3716</b>		ARL2336		HYUNDAI/ KIA MOTORS
C281012	<b>LX2621</b>	CA10477	ARS9841		MERCEDES BENZ
C28105	<b>LX1770</b>	CA9378			FIAT
C28136/1	<b>LX418</b>	CA5377	ARL6094		SEAT/ VOLKSWAGEN
C2840	<b>LX905/1</b>	CA303	AR6016		FORD/ HONDA
C2850	<b>LX2645</b>	CA5058	ARL1069		FORD
C2852/2	<b>LX208/1</b>	CA3333	AR9620		AUDI/ FORD/ GM/ GURGEL/ PUMA/ SEAT/ VOLKSWAGEN
C29003	<b>LX3115</b>	CA11104	ARL4152		FIAT
C29010KIT	<b>LX776/1</b>	CA9388	AP9496		

MANN	MAHLE E METAL LEVE	FRAM	TECFIL	LINHA	APLICAÇÃO
C291032/1	<b>LX776</b>	CA9388	AP9496		MERCEDES BENZ
C29108	<b>LX909</b>	CA5513	ARL6091		VOLKSWAGEN
C29254/1	<b>LX973</b>	CA3289	AP7023		CASE/ FORD/ GM/ MAXION/ VOLKSWAGEN
C29624	<b>LX1101</b>	CA226	AP4934		CATERPILLAR
C2964	<b>LX307</b>	CA4309	ARL1656		NISSAN/ SUBARU
C2969	<b>LX1779</b>	CA10247	ARL6096		VOLKSWAGEN
C2970	<b>LX964</b>	CA7421	ARL8838		GM
C2982/1	<b>LX962</b>	CA5837	ARL9604		FORD
C29840	<b>LX1774</b>		ARS2501		CATERPILLAR
C2990	<b>LX977</b>	CA9519	ARL6095		VOLKSWAGEN
C2991/1	<b>LX414</b>	CA4567	ARL8836		GM/ VOLVO
C30125/1	<b>LX999</b>	CA9590	ARL8825		GM
C30130/3	<b>LX735</b>	CA5970	ARL8840		GM
C301500	<b>LX712</b>	CA9419	ARS1188		SCANIA
C301622	<b>LX1069</b>	CA9418	ARS1189		SCANIA
C30703	<b>LX531</b>	CA9381	AP5773		SCANIA ÔNIBUS
C30810/3	<b>LX2620</b>	CA10031	ARS5470		MASSEY FERGUSON
C30850/2	<b>LX273</b>	CA4215	AP9835		CASE/ CLARK/ FIAT/ IVECO/ MERCEDES BENZ/ MICHIGAN/ SANTA-
C30880/1	<b>LX970</b>	CA4221	AP1185		SCANIA
C30880/2	<b>LX450</b>	CA4221A	AP1186		SCANIA/ SCANIA ÔNIBUS
C30883	<b>LX1100</b>	CA598	AP7716		CATERPILLAR
C3092	<b>LX2643</b>	CA10131	ARL4151		FIAT
C31003/1	<b>LX3234</b>	CA10696	ARL6070		VOLKSWAGEN
C311093/2	<b>LX93</b>	CA5155	AP5569		VOLVO
C311345/1	<b>LX1587</b>		AP5573		VOLVO
C311390	<b>LX760</b>	CA502	AP4807		CASE/ CLARK/ CUMMINS/ EATON YALE/ FIAT ALLIS/ GARDNER
C3173	<b>LX488</b>	CA5488	ARL8106		CITROEN/ PEUGEOT/ RENAULT
C3178	<b>LX390</b>	CA5400			GM
C321170	<b>LX1777</b>	CA7480	ARS5135		CATERPILLAR
C32123	<b>LX744</b>		ART5052		CITROEN/ PEUGEOT
C321420/1	<b>LX2082/1</b>	CA5699	ARS8235		IVECO
C32199	<b>LX876</b>	CA8821	ARL5137		RENAULT
C3221	<b>LX1689</b>	CA8911			HONDA
C32338/1	<b>LX513</b>	CA8668	ARL5310		MERCEDES BENZ
C3273	<b>LX3702</b>	CA10334			FIAT
C331460/1	<b>LX3141</b>		ARS5574		VOLVO
C33156	<b>LX572</b>	CA5111	ARL8103		CITROEN/ PEUGEOT
C331600/2	<b>LX626</b>	CA10866	AP7554		IVECO
C332200	<b>LX3561</b>		ARS5472		JOHN DEERE
C3324	<b>LX1993</b>	CA9945			HONDA
C3338	<b>LX64</b>	CA4261	AR6084		FORD
C3366/1	<b>LX1563</b>	CA10602	ARL5138		NISSAN/ RENAULT
C34116/1	<b>LX614</b>	CA5680	ARL8839		GM
C341500/1	<b>LX1281</b>	CA9560	AP5572		VOLVO
C3485/3	<b>LX1287</b>	CA9315	ARL5053		CITROEN
C351592	<b>LX1098</b>	CA5189	AP5570		VOLVO
C351592	<b>LX1098/1</b>	CA5189	AP5570		
C36003	<b>LX3699</b>				PEUGEOT
C36005	<b>LX3354</b>	CA10227	ARL5055		PEUGEOT
C3698-2	<b>LX804/S</b>	CA8768	ARL1120		MERCEDES BENZ
C37001	<b>LX3355</b>	CA11112	ARL4154		FIAT
C37153	<b>LX684</b>	CA5827	ARL6093		AUDI/ VOLKSWAGEN
C371774	<b>LX1055</b>	CA5347	AP5571		VOLVO
C4151	<b>LX1597</b>	CA9511	ARL9608		FORD
C4292	<b>LX1745</b>	CA10237	ARL5049		PEUGEOT

MANN	MAHLE E METAL LEVE	FRAM	TECFIL	LINHA	APLICAÇÃO
C43102	<b>LX2093</b>	CA10085	ARL6099		VOLKSWAGEN
C60148	<b>LA883</b>	CF9851	ACP214		NEW HOLLAND
C60345	<b>LX335</b>	CA9855	ARL9304		MERCEDES BENZ
CA10540	<b>LX3691</b>		ARL2335		HYUNDAI
CF1000	<b>LXS37/1</b>	CA3291SY	AS820		AGRALE/ ATLAS COPCO/ CASE/ CBT/ CLARK/ COMPAIR/ DEUTZ/
CF1030	<b>LXS225</b>	CA4376SY	AS500		FORD TRATORES
CF1200	<b>LXS42/1</b>	CA4685SY	AS830		AGRALE/ ATLAS COPCO/ CASE/ CBT/ CLARK/ DYNAPAC/ ENGESA/
CF1300	<b>LXS43/1</b>	CA3280SY	AS840		AM HOIST/ ATLAS COPCO/ CASE/ CLARK/ DYNAPAC/ ENGESA/
CF1310	<b>LXS226</b>	CA4692SY	AS836		FORD/ VOLKSWAGEN
CF1400	<b>LXS227</b>	CA4691SY	AS835		FORD/ VOLKSWAGEN
CF1550	<b>LXS261</b>		ASR837		IVECO/ MERCEDES BENZ/ VOLVO
CF1552	<b>LXS260</b>	CA5626SYPU	ASR839		FORD/ GM/ MERCEDES BENZ/ VOLKSWAGEN
CF1560	<b>LXS229</b>	CA5971SY	AS837		FORD
CF1600	<b>LXS44/1</b>	CA5483SY	AS860		CASE/ CLARK/ IVECO/ MERCEDES BENZ/ MICHIGAN/ SANTAL/
CF1610	<b>LXS287</b>	CA9380SY	AS116		SCANIA ÔNIBUS
CF1640	<b>LXS317</b>		ASR942		MAN
CF1651	<b>LXS312</b>		ASR941		MERCEDES BENZ/ SCANIA/ SCANIA ÔNIBUS/ VOLVO
CF1652	<b>LXS313</b>				SCANIA
CF1710	<b>LXS288</b>	CA9419SY	ASR188		SCANIA
CF1711	<b>LXS262</b>	CA9418SY	ASR870		SCANIA
CF1840	<b>LXS315</b>		ASR472		JOHN DEERE
CF1940	<b>LXS319</b>				VOLVO
CF200/1	<b>LXS295</b>		ASR868		MASSEY FERGUSON
CF2000	<b>LXS282</b>		AS572		VOLVO
CF21239	<b>LXS7229</b>	CA7480SY	ASR513		CATERPILLAR
CF300/1	<b>LXS259</b>		ASR806		AGCO/ MAXION/ VOLVO
CF360	<b>LXS292</b>	CA10764SY	ASR223		JOHN DEERE/ MASSEY FERGUSON/ MITSUBISHI/ NEW HOLLAND
CF500/1	<b>LXS251</b>	CA9352SY	ASR203		AGRALE
CF600	<b>LXS40/1</b>	CA3105SY	AS801		AGRALE/ BANTAN/ CASE/ DYNAPAC/ ENGESA/ FIAT/ FORD/ FORD
CF600/1	<b>LXS219</b>	CA9746SY	ASR353		AGRALE/ MASSEY FERGUSON
CF700	<b>LXS5/1</b>	CA3295SY	AS805		AGRALE/ CBT/ ENGESA/ FIAT ALLIS/ FORD/ FORD TRATORES/ GM/
CF800	<b>LXS41/1</b>	CA4202SY	AS810		CASE/ CBT/ COMPAIR/ DYNAPAC/ FORD/ FORD TRATORES/ GARD-
CF933	<b>LXS263</b>		ASR838		MERCEDES BENZ/ MONTANA PARRUDA
CU1722	<b>LA650</b>	CF9655	ACP009		SCANIA
CU1722	<b>LA432</b>	CF9655	ACP009		SCANIA/ SCANIA ÔNIBUS
CU1828	<b>LA109</b>	CF9466	ACP885		TOYOTA
CU1835	<b>LA668</b>		ACP707		HONDA
CU19001	<b>LA531</b>	CF10776	ACP976		KIA MOTORS
CU1919	<b>LA655</b>	CF10285	ACP887		TOYOTA
CU1936	<b>LA396</b>		ACP727		NISSAN
CU20001	<b>LA612</b>	CF10829	ACP904		FIAT
CU2015	<b>LA1001</b>	CF9659			TOYOTA
CU21000-2	<b>LA1099/S</b>				CITROEN/ PEUGEOT
CU21003	<b>LA607</b>		ACP709		HONDA
CU2106-2	<b>LA611/S</b>		ACP481		MITSUBISHI
CU2141	<b>LA1047</b>		ACP816		MITSUBISHI
CU2143	<b>LA189</b>	CF9807	ACP004		GM
CU22002/2	<b>LA654/S</b>		ACP122		GM/ SUZUKI
CU22007	<b>LA818</b>		ACP728		NISSAN
CU22018	<b>LA652/S</b>	CF10864	ACP429		VOLKSWAGEN
CU2214/2	<b>LA444/S</b>		ACP975		HYUNDAI/ KIA MOTORS
CU2225	<b>LA8</b>	CF5551			CITROEN/ PEUGEOT
CU2227	<b>LA569</b>		ACP106		DODGE/ FIAT
CU2253	<b>LA82</b>	CF5865	ACP700		HONDA/ LAND ROVER
CU23002	<b>LA606</b>		ACP551		RENAULT

MANN	MAHLE E METAL LEVE	FRAM	TECFIL	LINHA	APLICAÇÃO
CU2329	<b>LA180</b>				CHRYSLER
CU2335	<b>LA144</b>		ACP131		FIAT
CU2336	<b>LA301</b>	CF10150	ACP972		HYUNDAI/ KIA MOTORS
CU2344	<b>LA499</b>	CF8989	ACP100		FIAT
CU2358	<b>LA344</b>		ACP708		HONDA
CU2362	<b>LA343</b>		ACP974		HYUNDAI/ KIA MOTORS
CU2433	<b>LA169</b>	CA9666	ACP202		FORD
CU2434	<b>LA298</b>	CF10248	ACP977		KIA MOTORS
CU2440	<b>LA642</b>	CF10845	ACP206		FORD
CU2442	<b>LA472</b>	CF10774	ACP126		GM
CU2504	<b>LA601</b>	CF9034	ACP101		FIAT
CU2525	<b>LA23</b>				RENAULT
CU2545	<b>LA120</b>	CF9323	ACP303		VOLKSWAGEN
CU2623	<b>LA817/S</b>		AKX1954		NISSAN
CU2629	<b>LA422</b>	CF9478	ACP103		FIAT
CU2631	<b>LA648</b>		ACP979		HYUNDAI
CU2655	<b>LA153</b>	CF9479	ACP900		CITROEN
CU2672	<b>LA44</b>				VOLKSWAGEN
CU2734	<b>LA60</b>	CF9086	ACP552		
CU2745/2	<b>LA47/S</b>				MERCEDES BENZ
CU2757	<b>LA74</b>	CF8867	ACP006		GM
CU2842	<b>LA907</b>	CF9881	ACP307		AUDI/ PORSCHE/ VOLKSWAGEN
CU2861	<b>LA9</b>	CF5864	ACP797		PEUGEOT
CU2882	<b>LA31</b>	CF5663	ACP300		AUDI/ SEAT/ VOLKSWAGEN
CU2897	<b>LA37</b>	CF5842			MERCEDES BENZ
CU2939	<b>LAK181</b>		ACP309		VOLKSWAGEN
CU2940	<b>LA138</b>	CF10109	ACP903		CITROEN/ COMPAIR/ CUMMINS/ PEUGEOT/ VOLVO
CU2945	<b>LA87</b>	CF9085	ACP550		RENAULT
CU2951	<b>LA56</b>	CF5819	ACP102		ALFA ROMEO/ FIAT
CU3054	<b>LA75</b>	CF8868	ACP001		GM
CU3162	<b>LA591</b>	CF9084	ACP305		VOLKSWAGEN
CU3192	<b>LA46</b>	CF5824			AUDI
CU3337	<b>LA117</b>	CF9495	ACP005		GM
CU3337	<b>LAK117</b>				GM
CU3448	<b>LA57</b>	CF9071	ACP800		PEUGEOT
CU3455	<b>LA21</b>	CF5665			GM
CU3554	<b>LA77</b>	CF5817	ACP200		FORD/ MAZDA
CU3567	<b>LA78</b>	CF8331	ACP203		FORD
CU37001	<b>LA702</b>	CF10860	ACP177		SCANIA
CU3858	<b>LA83</b>	CF9051	ACP600		MERCEDES BENZ
CU3942	<b>LA34</b>	CF5823	ACP197		ALFA ROMEO/ FIAT
CU3955	<b>LA45</b>	CF5662	ACP298		AUDI/ VOLKSWAGEN
CU3979	<b>LA13</b>	CF5474			
CU4151	<b>LA49</b>	CF5863			GM
CU4251	<b>LA11</b>	CF5475	ACP003		GM
CU4442	<b>LA123</b>	CF8890	ACP105		CITROEN/ FIAT/ IVECO/ PEUGEOT
CU4469	<b>LA678</b>	CF9810	ACP969		MERCEDES BENZ
CU4594	<b>LA170</b>		ACP966		IVECO
CU5257	<b>LA25</b>	CF5664	ACP201		FORD
CU5877	<b>LA677</b>	CF9656	ACP973		MERCEDES BENZ
CUK20011	<b>LAK633</b>				FIAT
CUK2422	<b>LA142</b>	CF9533	ACP104		FIAT
CUK2757	<b>LAK74</b>				
CUK2862	<b>LAK63</b>		ACA306		AUDI/ VOLKSWAGEN
CUK3780	<b>LAK81</b>	CF8777	ACA905		MERCEDES BENZ

MANN	MAHLE E METAL LEVE	FRAM	TECFIL	LINHA	APLICAÇÃO
H1034/3	<b>OX200D</b>	CH834PL	PL265		ATLAS COPCO/ BMW/ BUCYRUS ERIE/ CASE/ CBT/ CLARK/ EATON
H1049/1	<b>OX213</b>	C1655PL			
H1072/11X	<b>OX3D</b>	CH191APL	PL9F6700		CATERPILLAR/ GARDNER DENVER/ KOMATSU
H1074	<b>OX216</b>	CH155APL	PH1960		CATERPILLAR
H11106/1	<b>OX5D</b>	CH33APL	PL132/1		CASE/ FIAT ALLIS/ PUMA/ SLC
H1164	<b>OX75D</b>	CH2989	PL345		HUBER WABCO/ LIEBHERR/ MERCEDES BENZ/ SANTAL
H119	<b>HX58</b>	C4662	PH538		FORD TRATORES
H12110/2X	<b>OX69D</b>	CH2962	PL447		MERCEDES BENZ
H12111X	<b>OX197D</b>	CH2927	PL519		BANTAN/ BARBER GREENE/ CLARK/ DYNAPAC/ EATON YALE/
H1271	<b>OX199D</b>	CH4829	PL442		CASE/ CBT/ CLARK/ DYNAPAC/ EATON YALE/ FIAT ALLIS/ GALION/
H1275X	<b>OX71D</b>	CH2963	PL449		MERCEDES BENZ
H1278	<b>HX57D</b>		PH521		DYNAPAC
H1291/1	<b>HX51D</b>	C1664PL	PH520		CASE/ CBT/ CLARK/ HUBER WABCO/ MAXION/ MULLER/ SANTAL/
H13153	<b>OX218D</b>	CH211A	PL516		ADAMS/ CASE/ CLARK/ CUMMINS/ DYNAPAC/ EATON YALE/ ENGE-
H1496	<b>OX217D</b>	CH238PL	PL6H9999		ATLAS COPCO/ CATERPILLAR/ GARDNER DENVER/ INGERSOLL
H1497/1	<b>HX52</b>	C1660	PH64		CATERPILLAR
H601/4	<b>HX15</b>	CH803APL	PH346		AGRALE/ CASE/ CBT/ ENGESA/ FIAT/ FORD/ GM/ IVECO/ MERCE-
H710	<b>HX53</b>		PH101		BOSCH
H710/1X	<b>HX40</b>				DIMEX/ EL DETALLE
H720	<b>OX47D</b>	CH962PL	PL46		CASE/ IDEAL/ MASSEY FERGUSON/ MAXION/ MERCEDES BENZ/
H813/3	<b>HX50</b>		PTH800		VALMET
H820/3X	<b>OX18D</b>	CH813PL	PL957		ATLAS COPCO/ BAMBOZZI/ BANTAN/ BARBER GREENE/ CASE/
H837	<b>OX219</b>	C1677	PH837		CATERPILLAR
H914	<b>HX54</b>		PH663		MAXION/ SANTAL
H932/1	<b>OX43D</b>	CH2801-1	PL425		TOYOTA
H932/4	<b>OX150D</b>	CH5261	PL364		MERCEDES BENZ/ TOYOTA
H941	<b>OX215D</b>	CH200PL	PL390		GM
H947/1x	<b>OX137D</b>	CH5262	PL366		CASE/ MERCEDES BENZ/ SLC
HU 721 x KIT	<b>HX77</b>		PEH314		VOLVO
HU12110X	<b>OX348D</b>	CH9558	PEL2004		MERCEDES BENZ
HU12140X	<b>OX168D</b>	CH5933	PEL2001		MERCEDES BENZ
HU6007X	<b>OX974D</b>		PEL113		GM
HU610X	<b>OX135/1D</b>				MERCEDES BENZ
HU611X	<b>OX209D</b>	CH9580ECO	PEL705		RENAULT
HU612/2X	<b>OX1018D</b>		PEL674		GM
HU612x	<b>OX193D</b>	CH9443ECO	PEL110		CITROEN/ PEUGEOT
HU7008z	<b>OX388D</b>				VOLKSWAGEN
HU7013x	<b>OX351D</b>		PEL115		HYUNDAI
HU711/51X	<b>OX339/2D</b>	CH9973ECO	PEL108		CITROEN/ FORD/ PEUGEOT
HU711x	<b>OX979D</b>	CH10502	PEL106		FORD
HU713/1X	<b>OX827D</b>	CH9713ECO	PEL118		FIAT
HU718/1k	<b>OX980D3</b>	CH9301ECO	PEL311		CHRYSLER/ MERCEDES BENZ
HU718/1x	<b>OX153/7D</b>				MERCEDES BENZ
HU719/6X	<b>OX379D</b>	CH9911			AUDI/ VOLKSWAGEN
HU721/2X	<b>OX179D</b>		PEL107		MERCEDES BENZ
HU727/1X	<b>OX133D</b>				MERCEDES BENZ
HU816/2x	<b>OX175D</b>	CH9584	PEL119		BMW/ CHRYSLER/ FIAT
HU824x	<b>OX773D</b>		PEL114		HYUNDAI/ KIA MOTORS
HU921X	<b>OX91D</b>				BMW
HU923X	<b>OX210D</b>	CH9462ECO	PEL312		RENAULT
HU925/4X	<b>OX154/1D</b>				BMW
HU926/3X	<b>OX68D</b>				BMW
HU931/5X	<b>OX161/D</b>	CH5957ECO	PEL2003		MERCEDES BENZ
HU932/8X	<b>OX169/1D</b>				FORD/ TROLLER
HU945/2X	<b>OX174D</b>	CH9389	PEL2002		MERCEDES BENZ

MANN	MAHLE E METAL LEVE	FRAM	TECFIL	LINHA	APLICAÇÃO
MH54X	<b>OX410D</b>	CH6015	PL153		HONDA
MW64	<b>OC1019</b>	PH6017A	PSL638		HONDA/ KAWASAKI
MW712	<b>OC91</b>	PH6063			BMW
MW75	<b>OC306</b>				BMW
P1044	<b>OX214D</b>	C3PL	PL3		EATON YALE/ FORD
P1234	<b>KX89/2D</b>	CS3558	PD204		RANDON/ SANTAL/ SCANIA/ SCANIA ÔNIBUS/ VOLVO
P1278/1	<b>KX88/1D</b>	CS3504	PD202		SCANIA
P15159	<b>KX92D</b>	C1143PL	PC812		CUMMINS/ KOMATSU/ SLC
P44	<b>KX90</b>		PC505		YANMAR
P707	<b>KX35</b>	C11860PL	PC945		AGRALE/ BANTAN/ BOSCH/ CASE/ CBT/ CHRYSLER/ CLARK/ DYN-
P718/1X	<b>KX218D</b>	C9927ECO	PC947		RENAULT
P811	<b>KX36</b>	C11861PL			BOSCH/ EATON YALE/ MERCEDES BENZ
P824	<b>KX25</b>	CH816PL	PC162A		CASE/ MAXION
P917X	<b>KX23</b>	C1191	PC2/155		AGRALE/ ATLAS COPCO/ BAMBOZZI/ BANTAN/ BARBER GREENE/
P934A	<b>KX91</b>	C1166PL	PC4H8792		CATERPILLAR/ GARDNER DENVER
P945X	<b>KX24</b>	C4163	PC2/255		CHRYSLER/ CLARK/ FORD TRATORES/ GM/ MASSEY FERGUSON/
PF1055/1X	<b>OX98D</b>	CH5412	PL180		MERCEDES BENZ
PF1155	<b>OX85D</b>	C4DB	L4/1		ATLAS COPCO/ BANTAN/ CASE/ CBT/ CLARK/ EATON YALE/ FIAT
PF1190	<b>OX30D</b>	C30DB	L90		CLARK/ DYNAPAC/ EATON YALE/ ENGESA/ MERCEDES BENZ/
PF19326	<b>OX198D</b>	C175A	L750C		ADAMS/ CASE/ CLARK/ CUMMINS/ DYNAPAC/ EATON YALE/ ENG-
PF420	<b>KC489</b>		PSD920/1		FORD/ MERCEDES BENZ
PU1046X	<b>KX67/2D</b>	C8826	PEC3022		MERCEDES BENZ
PU723X	<b>KX208D</b>	C10705	PEC3023		CITROEN/ FIAT/ PEUGEOT
PU835X	<b>KX268D</b>	C10353	PC949		TOYOTA
PU941x	<b>KX182/1D</b>	C9517	PEC3024		SCANIA/ SCANIA ÔNIBUS
PU999/1X	<b>KX80D</b>	C5932ECO	PEC3021		MERCEDES BENZ
TB1374/3X	<b>AL14</b>				SCANIA/ SCANIA ÔNIBUS
TB1374X	<b>AL12</b>	PFA5693	DSF0202		FORD/ IVECO/ MERCEDES BENZ/ SCANIA/ SCANIA ÔNIBUS/ VOL-
U620/4y KIT	<b>UX1D</b>				
U630xKIT	<b>UX2D</b>				
W11102/27	<b>OC246</b>				
W11102/37	<b>OC403</b>	PH2960	PSL174		SCANIA/ SCANIA ÔNIBUS
W11102/4	<b>OC121</b>	PH49A	PSL417		CATERPILLAR/ DYNAPAC/ GM/ SCANIA/ VOLVO
W11102/9	<b>OC40</b>	PH2960	PSL568		CASE/ FORD
W1114/80	<b>OC239</b>	P3828	PSL322		KIA MOTORS
W1135/3	<b>OC335</b>		PSL836		VALMET
W1167/2	<b>OC302</b>	PH7014	PSL569		FORD/ FORD TRATORES/ NEW HOLLAND
W1168/5	<b>OC303</b>	PH7136	PSL301		MERCEDES BENZ
W1170	<b>OC35</b>	PH2883	PSL339		AGRALE/ BOB CAT/ FIAT/ FIAT ALLIS/ FORD/ FORD TRATORES/
W1170/7	<b>OC1178</b>		PSL159		IVECO
W1173	<b>OC507</b>		PSL400		ATLAS COPCO/ CASE/ CATERPILLAR/ GARDNER DENVER/ GM
W1173	<b>OC529</b>	PH49	PSL400		CASE/ CATERPILLAR
W12100	<b>OC532</b>	P3555A	PSL277		CUMMINS
W12106	<b>OC531</b>	PH3375	PSL270		CUMMINS/ KOMATSU
W1262	<b>OC319</b>	PH3757	PSL281		CLARK/ CUMMINS/ ENGESA/ FIAT ALLIS/ HUBER WABCO/ MANNE-
W1265	<b>HC82</b>		PSH112		MASSEY FERGUSON
W1290/1	<b>HC85</b>	P3961	PSH211		CASE
W13145/2	<b>OC122</b>	PH3335	PSL405		CATERPILLAR
W131452	<b>OC530</b>	PH3335	PSL405		CATERPILLAR
W1323	<b>OC404</b>	PH9503	PSL340		AGRALE/ GM/ MITSUBISHI/ NISSAN/ TROLLER/ VOLKSWAGEN
W1374/2	<b>HC99</b>	P5158	PSH766		CASE
W1374/2	<b>HC4</b>		PSH766		CASE/ CUMMINS/ DEMAG BAGGER/ MONTANA PARRUDA/ SANTAL
W6 multi 20	<b>OC600</b>	PH10904	TM5		FIAT/ HONDA/ KIA MOTORS/ MITSUBISHI/ NISSAN
W610	<b>OC259</b>	PH8999	PSL55		FIAT/ HONDA/ KIA MOTORS/ MITSUBISHI/ NISSAN
W66	<b>OC475</b>	TM5	PSL78		NISSAN/ RENAULT

MANN	MAHLE E METAL LEVE	FRAM	TECFIL	LINHA	APLICAÇÃO
W67/80	<b>OC195</b>	PH6607	PSL78		ASIA MOTORS/ KIA MOTORS/ MAZDA/ NISSAN/ RENAULT/ SUZUKI
W68/80	<b>OC534</b>	PH4967A	PSL129		CHERY/ CHRYSLER/ DAIHATSU/ NISSAN/ RENAULT/ SUZUKI/ TO-
W7 multi 18	<b>OC504 PLUS</b>	PH10905	TM3		DAEWOO/ FIAT/ GM
W7 multi 20	<b>OC505 PLUS</b>	PH10906	TM4		ALFA ROMEO/ ATLAS COPCO/ CITROEN/ FIAT/ HYUNDAI/ LOMB-
W7 multi 3/4D	<b>OC522 PLUS</b>	PH10908	TM2		AUDI/ BMW/ FORD/ GURGEL/ SEAT/ VOLKSWAGEN
W7 multi 3/4S	<b>OC506 PLUS</b>	PH10907	TM1		ALFA ROMEO/ BMW/ CHRYSLER/ CITROEN/ FIAT/ FORD/ KIA MO-
W7013	<b>OC1239</b>	PH10060	PSL615		CADILLAC/ CHRYSLER/ DODGE/ FIAT/ GM/ HUMMER/ SUZUKI
W712/12	<b>OC317</b>	PH2862C	PSL62		CHERY/ DAEWOO/ GM
W712/16	<b>OC66</b>	PH4558	PSL43		ALFA ROMEO/ FIAT
W712/22	<b>OC90</b>	PH4722	PSL619		DAEWOO/ FIAT/ GM
W712/43	<b>OC235</b>	PH3614	PSL127		BMW/ CHERY/ CITROEN/ FORD/ KIA MOTORS/ MAZDA/ TOYOTA
W712/5	<b>OC250</b>	PH5548A	PSL560		SEAT/ VOLKSWAGEN
W712/73	<b>OC466</b>				FORD/ VOLVO
W712/8	<b>OC100</b>	PH5566	PSL135		ATLAS COPCO/ CITROEN/ LOMBARDINI/ PEUGEOT
W719/27	<b>OC266</b>	PH5803	PSL144		FORD
W719/30	<b>OC1241</b>	PH5552	PSL564		AUDI/ VOLKSWAGEN
W719/31	<b>OC81</b>	PH3980	PSL620		GM
W719/4	<b>HC45</b>	PH2870A	PSL561		FORD
W719/45	<b>OC1022</b>				AUDI/ VOLKSWAGEN
W719/5	<b>OC47</b>	PH2870B	PSL562		AUDI/ BMW/ FORD/ GURGEL/ SEAT/ VOLKSWAGEN
W719/50	<b>OC1055</b>		PSL541		FORD
W723/3	<b>OC38</b>	PH2895	PSL408		AUDI/ CBT/ CIBER/ EATON YALE/ MASSEY FERGUSON/ MAXION/
W75/2	<b>OC309</b>	PH5796	PSL77		NISSAN/ PEUGEOT/ RENAULT
W75/5	<b>OC728</b>	PH9648			GM
W79	<b>OC704</b>	PH6607	PSL51		RENAULT
W814/80	<b>OC115</b>		PSL131		HONDA/ MAZDA
W815/80	<b>OC205</b>		PSL130		ASIA MOTORS/ DAIHATSU/ GM/ HONDA/ HYUNDAI/ KIA MOTORS/
W915/9	<b>OC300</b>	PH927A	PSL565		FORD/ GM/ VOLKSWAGEN
W917	<b>OC204</b>	PH2861B	PSH421		VOLVO
W920/31	<b>OC23</b>	PH2863	PSL47		ALFA ROMEO/ BMW/ CHRYSLER/ FIAT/ FORD/ LADA/ NISSAN
W920/41	<b>OC318</b>	PH2856	PSL321		ASIA MOTORS/ CHERY/ CHRYSLER/ GM/ HYUNDAI/ KIA MOTORS/
W920/6	<b>OC236</b>				CHRYSLER/ NISSAN
W920/7	<b>OC18</b>	PH2811	PSL171		AGRALE/ AM HOIST/ ATLAS COPCO/ BOB CAT/ CASE/ CHRYSLER/
W921/80	<b>OC299</b>	PH4853	PSL323		KIA MOTORS
W923	<b>OC332</b>	PH5426	PSL617		GM
W923/1	<b>OC261</b>	PH5443	PSL902		FORD/ GM/ LAND ROVER/ MERCEDES BENZ
W930/14	<b>HC96</b>	PH8789	PSH173		SCANIA/ SCANIA ÔNIBUS
W930/6	<b>OC301</b>	PH2845	PSL958		AGRALE/ CLARK/ EATON YALE/ ENGESA/ GM/ HYSTER/ PUMA
W934	<b>OC324</b>	PH2821C	PSL900		AGRALE/ ATLAS COPCO/ AUDI/ BANTAN/ BARBER GREENE/ CASE/
W934/2	<b>OC336</b>	PH36			CATERPILLAR
W936/8	<b>OC114</b>	PH13	PSL959		CLARK/ EATON YALE/ GM/ HYSTER/ PUMA/ SANTA MATILDE
W940/18	<b>OC26</b>	PH2842	PSL123		AGRALE/ ATLAS COPCO/ CASE/ CBT/ DEUTZ/ DYNAPAC/ ENGESA/
W940/3	<b>WFC26</b>		PSA237		VOLVO
W940/34	<b>OC333</b>	PH3900	PSL282		CASE/ FORD
W940/69	<b>OC613</b>		PSL655		CITROEN/ FIAT/ IVECO/ PEUGEOT
W940/81	<b>OC67</b>	PH8A	PSL714		BANTAN/ BOB CAT/ CASE/ CHRYSLER/ FORD/ FORD TRATORES/
W950/12	<b>HC83-</b>	P5573	PSH306		VALMET
W950/16	<b>OC320</b>	PH3976	PSL280		CASE/ CLARK/ CUMMINS/ FORD/ KOMATSU/ MANNESMANN/ MAS-
W950/26	<b>OC502</b>	PH9617	PSL283		FORD/ IVECO/ VOLKSWAGEN
W950/35	<b>OC503</b>	PH4826	PSL325		ASIA MOTORS/ CITROEN/ PEUGEOT
W950/7	<b>OC308</b>	PH977B	PSL675		ATLAS COPCO/ CASE/ CBT/ CIBER/ DYNAPAC/ FORD/ FORD TRA-
W950/8	<b>HC84</b>	P4637A	PSH96		AGRALE
W950/8	<b>HC76</b>	P4637A	PSH486		AGRALE/ FORD/ FORD TRATORES/ SLC
W950/9	<b>OC30</b>	PH4934	PSL418		ATLAS COPCO/ FIAT ALLIS/ VOLVO
W962	<b>OC60</b>	PH2801B	PSL962		AGRALE/ ATLAS COPCO/ CASE/ CBT/ DEUTZ/ DYNAPAC/ ENGESA/

MANN	MAHLE E METAL LEVE	FRAM	TECFIL	LINHA	APLICAÇÃO
W962/14	<b>OC175</b>		PSH962		ATLAS COPCO
WA921/1	<b>WFC4</b>	PR3909	PSA272		
WA923/1	<b>WFC2</b>	PR3908	PSA331		
WA940/1	<b>WFC1</b>	PR3304	PSA299		
WA956/1	<b>WFC3</b>	PR3392A	PSA761		
WDK11102/9	<b>KC251</b>		PSC80		VOLVO
WH980	<b>HC104</b>		PSH025		CASE
WH980/3	<b>HC112</b>	P6893			CASE/ CATERPILLAR/ JOHN DEERE
WH980/3	<b>HC102</b>	P6893	PSH607		VOLVO
WK10002	<b>KC500D</b>		PSD980		VOLKSWAGEN
WK1030	<b>KC121</b>	PS9029	PSD450		AGRALE/ GM/ RENAULT/ VOLKSWAGEN
WK1030	<b>KC121/1</b>	PS9029	PSD450/1		AGRALE/ GM/ RENAULT/ VOLKSWAGEN
WK1050/1	<b>KC125</b>	PS9026	PSD480		IVECO/ MERCEDES BENZ
WK1050/1	<b>KC125/1</b>	PS10610	PSD480/1		IVECO/ MERCEDES BENZ
WK1060	<b>KC126/1</b>	PS9027			MERCEDES BENZ
WK1060/1	<b>KC124/1</b>	PS8486A	PSD470/1		GM/ MONTANA PARRUDA/ VOLVO/ SCANIA
WK1060/1	<b>KC124</b>	PS8486A	PSD470		SCANIA/ VOLVO
WK1060/2	<b>KC123</b>		PSD490		MERCEDES BENZ
WK1060/2	<b>KC123/1</b>	PS9028	PSD490		SCANIA/ SCANIA ÔNIBUS/ VOLVO
WK1060/4	<b>KC501D</b>	PSD10610			MERCEDES BENZ
WK1060/8x	<b>KC126</b>	PS9027	PSD480/1		MERCEDES BENZ
WK11001x	<b>KC498D</b>		PSD261		VOLVO
WK11102/5	<b>KC222</b>	P3376	PSC085		CATERPILLAR
WK1124	<b>KC437</b>	P10607	PSC491		VOLKSWAGEN
WK1139	<b>KC518</b>	P5163			NISSAN
WK1149	<b>KC171</b>		PSC404		IVECO
WK1156	<b>KC128</b>	PS9624A	PSD490/1		MERCEDES BENZ/ VOLVO
WK1156/1	<b>KC122</b>	PS8187	PSD460		FIAT/ GM/ MERCEDES BENZ/ MONTANA PARRUDA/ VOLKSWAGEN
WK1156/1	<b>KC127</b>	PS10609	PSD460/1		MERCEDES BENZ/ VOLKSWAGEN
WK1162	<b>KC4</b>	P4105	PSC100		FIAT/ FIAT ALLIS/ MAXION/ NEW HOLLAND
WK31/5	<b>KL33</b>	P4173			MAZDA/ MERCEDES BENZ
WK44/4	<b>KL63</b>	G12	GU86		AGRALE/ ASIA MOTORS/ AUDI/ BMW/ CBT/ CHRYSLER/ CITROEN/
WK47/1	<b>KL225</b>	G5471	GI02		GM
WK47/1	<b>KL225/1</b>		GI02/2		GM
WK48/3	<b>KL222</b>	G5188	AG68		AGRALE/ AUDI/ BMW/ CBT/ CHRYSLER/ CITROEN/ ENGESA/ FIAT/
WK510	<b>KL238D</b>	G7729	GI41		FIAT
WK513	<b>KL239/1</b>	G5493	GI40/7		FIAT
WK516/1	<b>KL66</b>	G5774			BMW
WK58	<b>KL582(Plus)</b>	G5995	GI04/7		ALFA ROMEO/ CHERY/ DAEWOO/ FIAT/ FORD/ GM/ HONDA/ MIT-
WK58	<b>KL83</b>	G5540	GI04		ALFA ROMEO/ DAEWOO/ FIAT/ FORD/ GM
WK59X	<b>KL176/6D</b>				AUDI/ SEAT/ VOLKSWAGEN
WK612	<b>KL583(Plus)</b>	G10230F	GI50/7		CITROEN/ HYUNDAI/ KIA MOTORS/ NISSAN/ PEUGEOT/ RENAULT/
WK612/7	<b>KL420</b>	G10226F	GI60/7		FORD
WK613	<b>KL60</b>	G6400	GI03		BMW/ CITROEN/ FIAT/ GM/ MITSUBISHI/ PEUGEOT/ SEAT/ VOLKS-
WK613	<b>KL60/2</b>	G6400	GI03/1		FIAT/ VOLKSWAGEN
WK613/3	<b>KL237</b>	G5738	GI08/1		SEAT/ VOLKSWAGEN
WK613/3	<b>KL237/1</b>	G5738	GI08/1		VOLKSWAGEN
WK613/4	<b>KL223</b>	G7649	GI07		FORD
WK613/4	<b>KL223/1</b>	G8781	GI07/1		FORD/ VOLKSWAGEN
WK614/36x	<b>KL140</b>	G7612			TOYOTA
WK614/37	<b>KL139</b>				TOYOTA
WK68/1X	<b>KL185</b>	G7599	GI09		HONDA
WK69/2	<b>KL156/3</b>				VOLKSWAGEN
WK710/5	<b>KC132</b>		PSC994		KIA MOTORS
WK711/1	<b>KL87</b>				MERCEDES BENZ

MANN	MAHLE E METAL LEVE	FRAM	TECFIL	LINHA	APLICAÇÃO
WK712/4	<b>KL224/1</b>	G9889F	GI06/7		CHERY/ FORD/ GM
WK712/4	<b>KL224</b>	G3802A	GI06		
WK718/1	<b>KL774</b>				FORD/ PUMA/ VOLKSWAGEN
WK723	<b>KC24</b>	P4102	PSC72/2		AGRALE/ ATLAS COPCO/ BOB CAT/ CASE/ CUMMINS/ DYNAPAC/
WK723	<b>KC6D</b>	P4102/P4688			AGRALE/ BOB CAT/ CASE/ CLARK/ DYNAPAC/ FIAT ALLIS/ FORD/
WK730/1	<b>KL79</b>	G5870	GI10		AUDI/ VOLKSWAGEN
WK730/1	<b>KL79/3</b>	G5870	GI10		AUDI/ VOLKSWAGEN
WK730/6	<b>KL635</b>	G9892F	GI12/7		HONDA/ VOLKSWAGEN
WK731	<b>KC113</b>	P9368	PSC73/1		AGRALE/ AM HOIST/ ATLAS COPCO/ CASE/ CATERPILLAR/ DEMAG
WK814/1	<b>KC22</b>	P4159	PSC401		AUDI/ MERCEDES BENZ
WK824	<b>KC129/1</b>	PS8787	PSC406		FORD/ GM/ MERCEDES BENZ
WK830	<b>KL2</b>	G3829	GI01		ALFA ROMEO/ AUDI/ BMW/ CITROEN/ FIAT/ FORD/ GM/ LAND
WK842	<b>KC18</b>	P4587	PSC496		AGRALE/ ALFA ROMEO/ AUDI/ BMW/ CASE/ CITROEN/ FIAT/ FORD/
WK842/13	<b>KL100/2</b>		PSC881		MERCEDES BENZ/ NISSAN
WK842/14	<b>KL316</b>				GM/ NISSAN
WK842/18	<b>KL174</b>		PSC882		MERCEDES BENZ
WK842/3	<b>KL41</b>	P4836	PSC498		AGRALE/ FORD/ GM/ HONDA/ LAND ROVER
WK842/4	<b>KL75</b>	P5328	PSC498/1		FORD/ GM/ SEAT/ VOLKSWAGEN
WK842/9	<b>KL422</b>		PSC453		VOLKSWAGEN
WK846	<b>KL425</b>		PSC451		FORD/ TROLLER
WK853/15	<b>KL761</b>		PSC498/2		FORD
WK853/22	<b>KL445</b>		PSC452		MERCEDES BENZ
WK854/1	<b>KC130</b>		PSD965		VOLKSWAGEN
WK854/2	<b>KC182</b>		PSC455		IVECO
WK920/1	<b>KC46</b>	P4886	PSC998		ASIA MOTORS/ HYUNDAI/ KIA MOTORS/ MITSUBISHI
WK940	<b>KC120</b>	PS10606	PSD960/1		AGRALE
WK940/1	<b>KC83</b>	P4922	PSC999		HYUNDAI/ MITSUBISHI/ TOYOTA
WK940/10	<b>KC441</b>	P9422	PSC82		SCANIA/ SCANIA ÔNIBUS
WK940/12	<b>KC94</b>	P5797	PSC84		CASE/ SANTAL/ SCANIA/ SCANIA ÔNIBUS
WK940/22	<b>KC189</b>		PSC993		NISSAN
WK940/24	<b>KC119</b>	PS6643	PSD530		AGRALE/ CASE/ GM/ MERCEDES BENZ
WK940/26	<b>KC495D</b>		PSD260		VOLVO
WK940/35	<b>KL747</b>		PSC454		GM/ NISSAN
WK940/7	<b>KC107</b>	P3401	PSC410		CASE/ CLARK/ CUMMINS/ DYNAPAC/ ENGESA/ FIAT ALLIS/ FORD/
WK947/2	<b>KC118</b>	PS6829	PSD960		FORD/ VOLKSWAGEN
WK950/13	<b>KC114</b>	P1104	PSC744		ATLAS COPCO/ CATERPILLAR/ DYNAPAC/ GARDNER DENVER/
WK950/19	<b>KC214</b>	PS10061	PSC493		IVECO
WK950/21	<b>KC440</b>	P9454	PSC403		FORD/ IVECO/ VOLKSWAGEN
WK950/6	<b>KC186</b>		PSC494		IVECO
WK955/2	<b>KC133</b>	P1103A	PSC172		ADAMS/ CASE/ CLARK/ CUMMINS/ DYNAPAC/ ENGESA/ FORD/
WK962/13	<b>KC492</b>	P10503	PSC353		AGRALE/ VOLKSWAGEN/ VOLVO
WK962/7	<b>KC75</b>	P5694	PSC79		VOLVO
WP1045	<b>OC1062</b>	PH5529	PSL158		KIA MOTORS/ MITSUBISHI
WP11102	<b>OC282</b>	P3555PL	PSL419		CATERPILLAR/ VOLVO
WP1144	<b>OC248</b>	PH4847A	PSL156		CITROEN/ FIAT/ IVECO/ PEUGEOT/ RENAULT/ SEAT
WP1169	<b>OC267</b>				IVECO
WP12121	<b>OC1176</b>	PH11009	PSL909		FORD/ VOLKSWAGEN
WP12300	<b>OC541</b>				CASE
WP12300	<b>OC304</b>	HPH6349A	PSL300		CASE/ CUMMINS/ FIAT ALLIS/ FORD/ RANDON/ VOLKSWAGEN
WP920/80	<b>OC1237</b>	PH5190			GM/ SUZUKI
WP928/80	<b>OC275</b>	PH5123	PSL128		TOYOTA
WP928/81	<b>OC274</b>	PH6355A	PSL327		ALFA ROMEO/ HYUNDAI/ KIA MOTORS/ MAZDA/ MITSUBISHI

TECFIL	MAHLE E METAL LEVE	FRAM	MANN	LINHA	APLICAÇÃO
ACA306	<b>LAK63</b>		CUK2862		AUDI/ VOLKSWAGEN
ACA904	<b>LAK612</b>				FIAT
ACA905	<b>LAK81</b>	CF8777	CUK3780		MERCEDES BENZ
ACP001	<b>LA75</b>	CF8868	CU3054		GM
ACP003	<b>LA11</b>	CF5475	CU4251		GM
ACP004	<b>LA189</b>	CF9807	CU2143		GM
ACP005	<b>LA117</b>	CF9495	CU3337		GM
ACP006	<b>LA74</b>	CF8867	CU2757		GM
ACP007	<b>LA653</b>	CF5892			VOLVO
ACP009	<b>LA650</b>	CF9655	CU1722		SCANIA
ACP009	<b>LA432</b>	CF9655	CU1722		SCANIA/ SCANIA ÔNIBUS
ACP100	<b>LA499</b>	CF8989	CU2344		FIAT
ACP101	<b>LA601</b>	CF9034	CU2504		FIAT
ACP102	<b>LA56</b>	CF5819	CU2951		ALFA ROMEO/ FIAT
ACP103	<b>LA422</b>	CF9478	CU2629		FIAT
ACP104	<b>LA142</b>	CF9533	CUK2422		FIAT
ACP105	<b>LA123</b>	CF8890	CU4442		CITROEN/ FIAT/ IVECO/ PEUGEOT
ACP106	<b>LA569</b>		CU2227		DODGE/ FIAT
ACP122	<b>LA654/S</b>		CU22002/2		GM/ SUZUKI
ACP125	<b>LA646</b>				GM
ACP126	<b>LA472</b>	CF10774	CU2442		GM
ACP131	<b>LA144</b>		CU2335		FIAT
ACP177	<b>LA702</b>	CF10860	CU37001		SCANIA
ACP197	<b>LA34</b>	CF5823	CU3942		ALFA ROMEO/ FIAT
ACP200	<b>LA77</b>	CF5817	CU3554		FORD/ MAZDA
ACP201	<b>LA25</b>	CF5664	CU5257		FORD
ACP202	<b>LA169</b>	CA9666	CU2433		FORD
ACP203	<b>LA78</b>	CF8331	CU3567		FORD
ACP204	<b>LA752</b>				FORD
ACP205	<b>LA785</b>	CF11670			FORD
ACP206	<b>LA642</b>	CF10845	CU2440		FORD
ACP207	<b>LA906</b>				FORD
ACP208	<b>LA904</b>				FORD
ACP209	<b>LA908</b>				FORD
ACP210	<b>LA924</b>				FORD
ACP212	<b>LA833</b>				FORD
ACP214	<b>LA883</b>	CF9851	C60148		NEW HOLLAND
ACP215	<b>LA610</b>	CF9854			CASE
ACP216	<b>LA884</b>				CASE
ACP298	<b>LA45</b>	CF5662	CU3955		AUDI/ VOLKSWAGEN
ACP300	<b>LA31</b>	CF5663	CU2882		AUDI/ SEAT/ VOLKSWAGEN
ACP303	<b>LA120</b>	CF9323	CU2545		VOLKSWAGEN
ACP304	<b>LA605</b>				VOLKSWAGEN
ACP305	<b>LA591</b>	CF9084	CU3162		VOLKSWAGEN
ACP307	<b>LA907</b>	CF9881	CU2842		AUDI/ PORSCHE/ VOLKSWAGEN
ACP309	<b>LAK181</b>		CU2939		VOLKSWAGEN
ACP429	<b>LA652/S</b>	CF10864	CU22018		VOLKSWAGEN
ACP481	<b>LA611/S</b>		CU2106-2		MINI
ACP550	<b>LA87</b>	CF9085	CU2945		RENAULT
ACP551	<b>LA606</b>		CU23002		RENAULT
ACP552	<b>LA40</b>	CF9086			
ACP552	<b>LA60</b>	CF9086	CU2734		
ACP553	<b>LA609</b>	CF5893			RENAULT
ACP554	<b>LA665</b>				RENAULT
ACP555	<b>LA820</b>				RENAULT

TECFIL	MAHLE E METAL LEVE	FRAM	MANN	LINHA	APLICAÇÃO
ACP600	<b>LA83</b>	CF9051	CU3858		MERCEDES BENZ
ACP700	<b>LA82</b>	CF5865	CU2253		HONDA/ LAND ROVER
ACP703	<b>LA122/S</b>	CF10108			HONDA
ACP707	<b>LA668</b>		CU1835		HONDA
ACP708	<b>LA344</b>		CU2358		HONDA
ACP709	<b>LA607</b>		CU21003		HONDA
ACP727	<b>LA396</b>		CU1936		NISSAN
ACP728	<b>LA818</b>		CU22007		NISSAN
ACP730	<b>LA903</b>				NISSAN
ACP796	<b>LA887</b>				CITROEN
ACP797	<b>LA9</b>	CF5864	CU2861		PEUGEOT
ACP798	<b>LA428/S</b>				CITROEN/ PEUGEOT
ACP800	<b>LA57</b>	CF9071	CU3448		PEUGEOT
ACP810	<b>LA698</b>				JAC MOTORS
ACP812	<b>LA632</b>				CHERY
ACP814	<b>LA819</b>				HYUNDAI/ KIA MOTORS
ACP816	<b>LA1047</b>		CU2141		MITSUBISHI
ACP819	<b>LA1031</b>				FIAT
ACP820	<b>LA1032</b>				RENAULT
ACP821	<b>LA439</b>				IVECO
ACP843	<b>LA909</b>				GM
ACP885	<b>LA109</b>	CF9466	CU1828		TOYOTA
ACP886	<b>LA395</b>				TOYOTA
ACP887	<b>LA655</b>	CF10285	CU1919		TOYOTA
ACP900	<b>LA153</b>	CF9479	CU2655		CITROEN
ACP903	<b>LA138</b>	CF10109	CU2940		CITROEN/ COMPAIR/ CUMMINS/ PEUGEOT/ VOLVO
ACP904	<b>LA612</b>	CF10829	CU20001		FIAT
ACP905	<b>LA81</b>	CF8777			MERCEDES BENZ
ACP906	<b>LA633</b>				FIAT
ACP947	<b>LA660</b>				VOLVO
ACP964	<b>LA651</b>				MERCEDES BENZ
ACP966	<b>LA170</b>		CU4594		IVECO
ACP969	<b>LA678</b>	CF9810	CU4469		MERCEDES BENZ
ACP971	<b>LA608</b>				HYUNDAI
ACP972	<b>LA301</b>	CF10150	CU2336		HYUNDAI/ KIA MOTORS
ACP973	<b>LA677</b>	CF9656	CU5877		MERCEDES BENZ
ACP974	<b>LA343</b>		CU2362		HYUNDAI/ KIA MOTORS
ACP975	<b>LA444/S</b>		CU2214/2		HYUNDAI/ KIA MOTORS
ACP976	<b>LA531</b>	CF10776	CU19001		KIA MOTORS
ACP977	<b>LA298</b>	CF10248	CU2434		KIA MOTORS
ACP978	<b>LA643</b>				HYUNDAI
ACP979	<b>LA648</b>		CU2631		HYUNDAI
ACP981	<b>LA1048</b>				HYUNDAI
AG68	<b>KL222</b>	G5188	WK48/3		AGRALE/ AUDI/ BMW/ CBT/ CHRYSLER/ CITROEN/ ENGESA/ FIAT/
ACP729	<b>LA817/S</b>		CU2623		NISSAN
AL5072	<b>LX3723</b>	CA5463			MERCEDES BENZ/ RENAULT
AP1001	<b>LX1097</b>	CA5813	C18142		KIA MOTORS
AP1002	<b>LX1068</b>	CA5812	C22181		ASIA MOTORS/ KIA MOTORS
AP1008	<b>LX912</b>	CA4255	C1137		TOYOTA
AP1009	<b>LX1067</b>	CAK5722			MITSUBISHI
AP1012	<b>LX1094</b>	CA8840	C21105		ASIA MOTORS/ KIA MOTORS
AP1026	<b>LX1065</b>	CA2647	C2799		CHRYSLER/ FORD/ MULLER/ VOLKSWAGEN
AP1185	<b>LX970</b>	CA4221	C30880/1		SCANIA
AP1186	<b>LX450</b>	CA4221A	C30880/2		SCANIA/ SCANIA ÔNIBUS
AP2032	<b>LX243</b>	CA3291A	C20325		AGRALE/ BUCYRUS ERIE/ CASE/ CLARK/ DYNAPAC/ FIAT ALLIS/

TECFIL	MAHLE E METAL LEVE	FRAM	MANN	LINHA	APLICAÇÃO
AP2710	<b>LX236</b>	CA4202	C17225/3		CASE/ CBT/ COMPAIR/ DEMAG BAGGER/ DYNAPAC/ FORD/ FORD
AP2813	<b>LX1064</b>	CA3105	C20164		HYUNDAI
AP2888	<b>LX1057</b>	CA4989	C13200		AGRALE/ MULLER/ VALMET
AP4440	<b>LX227</b>	CA4685	C23440/1		AGRALE/ ATLAS COPCO/ CASE/ CBT/ CLARK/ DYNAPAC/ ENGESA/
AP4650	<b>LX241</b>	CA3290	C24650		ATLAS COPCO/ EATON YALE/ KOMATSU/ MANNESMANN/ RANDO-
AP4650/1	<b>LX271/2</b>	CA3280	C24650/1		ATLAS COPCO/ CASE/ CLARK/ DYNAPAC/ ENGESA/ FIAT/ HUBER
AP4807	<b>LX760</b>	CA502	C311390		CASE/ CLARK/ CUMMINS/ EATON YALE/ FIAT ALLIS/ GARDNER
AP4934	<b>LX1101</b>	CA226	C29624		CATERPILLAR
AP4935	<b>LX1063</b>	CA236	C16140		CATERPILLAR
AP4960	<b>LX969</b>	CA4376	C18378		FORD TRATORES
AP5080	<b>LX3714</b>	CAK253	C14179		HYSTER/ HYUNDAI/ LAND ROVER/ MITSUBISHI
AP5460	<b>LX972</b>	CA546	C21493		FORD/ VOLKSWAGEN
AP5461	<b>LX971</b>	CA4691	C27798		FORD/ VOLKSWAGEN
AP5462	<b>LX1096</b>	CA5971	C21367		FORD
AP5569	<b>LX93</b>	CA5155	C311093/2		VOLVO
AP5570	<b>LX1098</b>	CA5189	C351592		VOLVO
AP5570	<b>LX1098/1</b>	CA5189	C351592		
AP5571	<b>LX1055</b>	CA5347	C371774		VOLVO
AP5572	<b>LX1281</b>	CA9560	C341500/1		VOLVO
AP5573	<b>LX1587</b>		C311345/1		VOLVO
AP5773	<b>LX531</b>	CA9381	C30703		SCANIA ÔNIBUS
AP6774	<b>LX17</b>	CAK258	C16192		CASE/ CBT
AP7023	<b>LX973</b>	CA3289	C29254/1		CASE/ FORD/ GM/ MAXION/ VOLKSWAGEN
AP7060	<b>LX3235</b>	CA10703	C22267		TOYOTA
AP7070	<b>LX2530</b>		C24203		TOYOTA
AP7108	<b>LX275</b>	CA3295	C15165/3		AGRALE/ ATLAS COPCO/ CBT/ ENGESA/ FIAT ALLIS/ FORD/ FORD
AP7360	<b>LXS232</b>	CA598SY	C20187/1		CATERPILLAR
AP7554	<b>LX626</b>	CA10866	C331600/2		IVECO
AP7716	<b>LX1100</b>	CA598	C30883		CATERPILLAR
AP780	<b>LX1102</b>		54501067114		VOLVO
AP7992	<b>LX2646</b>		C17232		FORD
AP7996	<b>LX975</b>	CA282	C17262		FORD
AP7997	<b>LX974</b>	CA282A	C17262/1		FORD
AP7998	<b>LX910</b>	CA283C	C17308		AGRALE/ FORD/ MERCEDES BENZ/ VOLKSWAGEN
AP8047	<b>LX116</b>	CA224	C24444		CATERPILLAR
AP8048	<b>LX1062</b>	CA237	C1371		CATERPILLAR
AP8518	<b>LX567</b>	CA5712	C15127/2		MERCEDES BENZ
AP8528	<b>LX200</b>	CA3105	C13114/4		AGRALE/ CASE/ DYNAPAC/ ENGESA/ FIAT/ FORD/ FORD TRATO-
AP8528	<b>LX200/1</b>	CA3105	C13114/4		
AP8606	<b>LX2713</b>				NEW HOLLAND
AP9496	<b>LX776</b>	CA9388	C291032/1		MERCEDES BENZ
AP9496	<b>LX776/1</b>	CA9388	C29010KIT		
AP9834	<b>LX265</b>	CA3291	C20325/2		AGRALE/ ATLAS COPCO/ CASE/ CBT/ CLARK/ COMPAIR/ DEUTZ/
AP9835	<b>LX273</b>	CA4215	C30850/2		CASE/ CLARK/ FIAT/ IVECO/ MERCEDES BENZ/ MICHIGAN/ SANTA-
AP9836	<b>LX1056</b>	CA5626	C27844		FORD/ GM/ MERCEDES BENZ/ VOLKSWAGEN
AP9836	<b>LX1056/1</b>	CA5626	C27844		
AR1017	<b>LX3486</b>		C18209		KIA MOTORS
AR1018	<b>LX2689</b>				KIA MOTORS
AR1019	<b>LX3689</b>				KIA MOTORS
AR2147	<b>LX157</b>	CA2718	C2120		DAIHATSU/ FIAT
AR2867	<b>LX272</b>	CA4260	C1176/3		AGRALE/ ATLAS COPCO/ BAMBOZZI/ VOLKSWAGEN
AR2953	<b>LX963</b>	CA2672	C1253		FORD/ VOLKSWAGEN
AR3147	<b>LX55</b>	CA4259	C1399		FIAT
AR3589	<b>LX902/1</b>	CA2653	C2639		AGRALE/ CLARK/ EATON YALE/ GM/ HYSTER/ PUMA/ SANTA MA-
AR4148	<b>LX961</b>	CA5356	C13100		FIAT

TECFIL	MAHLE E METAL LEVE	FRAM	MANN	LINHA	APLICAÇÃO
AR6016	<b>LX905/1</b>	CA303	C2840		FORD/ HONDA
AR6084	<b>LX64</b>	CA4261	C3338		FORD
AR6089	<b>LX202</b>	CA2732	C2646		FORD/ VOLKSWAGEN
AR6193	<b>LX903/1</b>	CA2737	C1535/1		HOSS VOEGELE/ PUMA/ PUTSMEISTER/ VOLKSWAGEN
AR6194	<b>LX904/1</b>	CA3130	C1522		PUMA/ VOLKSWAGEN
AR6195	<b>LX900/1</b>	CA3191	C1732		GURGEL/ VOLKSWAGEN
AR6196	<b>LX901</b>	CA4258C	C1513		VOLKSWAGEN
AR7701	<b>LX330</b>	CA5229	C18121		RENAULT
AR7702	<b>LX290</b>	CA3154	C1380		CITROEN/ GM/ RENAULT
AR7703	<b>LX147</b>	CA4524	C13109		CHRYSLER/ RENAULT
AR7704	<b>LX646/1</b>	CA8774	C1145/6		
AR7705	<b>LX2830</b>		C2680		RENAULT
AR8113	<b>LX3236</b>	CA10564	C25010		HYUNDAI
AR8833	<b>LX958/1</b>	CA4336	C2648		GM
AR9620	<b>LX208/1</b>	CA3333	C2852/2		AUDI/ FORD/ GM/ GURGEL/ PUMA/ SEAT/ VOLKSWAGEN
ARL1030	<b>LX1298</b>	CA8040	C2329		HONDA/ NISSAN/ SUBARU
ARL1034	<b>LX1645</b>	CA10165	C2240		HONDA
ARL1035	<b>LX3697</b>		C18004		HONDA
ARL1069	<b>LX2645</b>	CA5058	C2850		FORD
ARL1116	<b>LX1066</b>	C5499	C1158		ASIA MOTORS/ DAIHATSU
ARL1120	<b>LX804/S</b>	CA8768	C3698-2		MERCEDES BENZ
ARL1572	<b>LX3686</b>		C2348		COMPAIR/ DEUTZ/ LOMBARDINI
ARL1654	<b>LX1631</b>	CA9393	C2420		NISSAN
ARL1655	<b>LX3487</b>				NISSAN
ARL1656	<b>LX307</b>	CA4309	C2964		NISSAN/ SUBARU
ARL1713	<b>LX1821</b>	CA5873			KIA MOTORS
ARL2203	<b>LX3703</b>	CA10190	C24005		TOYOTA
ARL2331	<b>LX1785</b>	CA10086	C2631		HYUNDAI/ KIA MOTORS
ARL2332	<b>LX3509</b>	CA10539	C2735		HYUNDAI
ARL2333	<b>LX3506</b>	CA10084	C23006		HYUNDAI
ARL2334	<b>LX3505</b>		C2029		HYUNDAI
ARL2335	<b>LX3691</b>		CA10540		HYUNDAI
ARL2336	<b>LX3716</b>		C28010		HYUNDAI/ KIA MOTORS
ARL2505	<b>LX589</b>	CA5495	C2664		FIAT
ARL2506	<b>LX453</b>	CA5140	C2571/1		ALFA ROMEO/ FIAT
ARL2507	<b>LX618</b>	CA5630A	C25100		ALFA ROMEO/ FIAT
ARL4140	<b>LX3696</b>	CA8208	C2136/1		MITSUBISHI
ARL4141	<b>LX3713</b>		C24011		MITSUBISHI
ARL4142	<b>LX3715</b>				MITSUBISHI
ARL4144	<b>LX3695</b>	CA10525			MITSUBISHI
ARL4147	<b>LX907</b>	CA5325	C2496		FIAT
ARL4150	<b>LX908</b>	CA5627	C2585		FIAT
ARL4151	<b>LX2643</b>	CA10131	C3092		FIAT
ARL4152	<b>LX3115</b>	CA11104	C29003		FIAT
ARL4153	<b>LX3701</b>		C211106		FIAT
ARL4154	<b>LX3355</b>	CA11112	C37001		FIAT
ARL5049	<b>LX1745</b>	CA10237	C4292		PEUGEOT
ARL5050	<b>LX645/1</b>				PEUGEOT
ARL5053	<b>LX1287</b>	CA9315	C3485/3		CITROEN
ARL5055	<b>LX3354</b>	CA10227	C36005		PEUGEOT
ARL5136	<b>LX1711</b>		C1733		PEUGEOT/ RENAULT
ARL5137	<b>LX876</b>	CA8821	C32199		RENAULT
ARL5138	<b>LX1563</b>	CA10602	C3366/1		NISSAN/ RENAULT
ARL5139	<b>LX1656</b>				RENAULT
ARL5303	<b>LX3524</b>	CA9589			CHRYSLER

TECFIL	MAHLE E METAL LEVE	FRAM	MANN	LINHA	APLICAÇÃO
ARL5310	<b>LX513</b>	CA8668	C32338/1		MERCEDES BENZ
ARL6070	<b>LX3234</b>	CA10696	C31003/1		VOLKSWAGEN
ARL6090	<b>LX906</b>	CA5156	C26111		FORD/ VOLKSWAGEN
ARL6091	<b>LX909</b>	CA5513	C29108		VOLKSWAGEN
ARL6092	<b>LX405</b>	CA5370	C27154/1		SEAT/ VOLKSWAGEN
ARL6093	<b>LX684</b>	CA5827	C37153		AUDI/ VOLKSWAGEN
ARL6094	<b>LX418</b>	CA5377	C28136/1		SEAT/ VOLKSWAGEN
ARL6095	<b>LX977</b>	CA9519	C2990		VOLKSWAGEN
ARL6096	<b>LX1779</b>	CA10247	C2969		VOLKSWAGEN
ARL6099	<b>LX2093</b>	CA10085	C43102		VOLKSWAGEN
ARL7710	<b>LX1286</b>	CA9482	C2620		TOYOTA
ARL8103	<b>LX572</b>	CA5111	C33156		CITROEN/ PEUGEOT
ARL8106	<b>LX488</b>	CA5488	C3173		CITROEN/ PEUGEOT/ RENAULT
ARL8108	<b>LX1048</b>	CA9080	C25117/2		PEUGEOT
ARL8109	<b>LX1765</b>	CA10832	C25118/1		CITROEN/ PEUGEOT
ARL8825	<b>LX999</b>	CA9590	C30125/1		GM
ARL8827	<b>LX862</b>	CA8069	C2337		GM/ SUZUKI
ARL8828	<b>LX3489</b>		C26108		GM
ARL8829	<b>LX3488</b>				GM
ARL8830	<b>LX3544</b>	CA10891			GM
ARL8832	<b>LX523</b>	CA5496	C2256		GM
ARL8834	<b>LX1315</b>	CA5981	C1944		GM
ARL8836	<b>LX414</b>	CA4567	C2991/1		GM/ VOLVO
ARL8837	<b>LX448</b>	CA5108	C26168		AUDI/ BMW/ GM/ VOLKSWAGEN
ARL8838	<b>LX964</b>	CA7421	C2970		GM
ARL8839	<b>LX614</b>	CA5680	C34116/1		GM
ARL8840	<b>LX735</b>	CA5970	C30130/3		GM
ARL8841	<b>LX1316</b>	CA3914			GM
ARL9111	<b>LX3690</b>				CHERY
ARL9304	<b>LX335</b>	CA9855	C60345		MERCEDES BENZ
ARL9600	<b>LX935</b>				FORD/ NISSAN
ARL9601	<b>LX435</b>	CA5357	C26138/1		FORD
ARL9602	<b>LX2642</b>	CA10094	C2278		FORD
ARL9603	<b>LX687</b>	CA5682	C2677		
ARL9604	<b>LX962</b>	CA5837	C2982/1		FORD
ARL9605	<b>LX1312</b>	CA8736	C2693		FORD
ARL9606	<b>LX1095</b>	CA8243	C23121/2		FORD/ MAZDA
ARL9607	<b>LX1712</b>	CA5929	C2776		FORD
ARL9608	<b>LX1597</b>	CA9511	C4151		FORD
ARL9609	<b>LX1589</b>				FORD
ARL9611	<b>LX3490</b>				FORD
ARL9612	<b>LX2818</b>		C2266		FORD
ARM444/1	<b>LX3111</b>		C1215		HONDA
ARM445/1	<b>LX3110</b>				YAMAHA
ARM446/1	<b>LX3109</b>	CA9835	C1425		HONDA
ARM447/1	<b>LX3108</b>	CA9834	C1016		HONDA
ARM448/1	<b>LX3107</b>		C1428		HONDA
ARM449/1	<b>LX3106</b>		C1315		HONDA
ARS1013	<b>LX611</b>	CA9231	C17278		CITROEN/ FIAT/ PEUGEOT
ARS1029	<b>LX2526</b>	CA9129PU	C11127		FIAT
ARS1110	<b>LX1802</b>	CA10028	C11100		AGRALE
ARS1184	<b>LX3534</b>				SCANIA
ARS1187	<b>LX714</b>				SCANIA
ARS1188	<b>LX712</b>	CA9419	C301500		SCANIA
ARS1189	<b>LX1069</b>	CA9418	C301622		SCANIA

TECFIL	MAHLE E METAL LEVE	FRAM	MANN	LINHA	APLICAÇÃO
ARS2499	<b>LX2528</b>		C24580		CATERPILLAR
ARS2501	<b>LX1774</b>		C29840		CATERPILLAR
ARS2711	<b>LX1092</b>	CA7139			GM
ARS2868	<b>LX960</b>	CA5961PU	C14200		GM/ MASSEY FERGUSON/ VOLKSWAGEN
ARS2869	<b>LX2529</b>	CA8852	C16197		GM
ARS2870	<b>LX3679</b>	CA11077			GM
ARS3003	<b>LX1314</b>		C20500		AGRALE
ARS3902	<b>LX2619</b>	CA10030	C25710		MAXION
ARS5134	<b>LX1801</b>	CA9746	C23610		AGRALE/ MASSEY FERGUSON
ARS5135	<b>LX1777</b>	CA7480	C321170		CATERPILLAR
ARS5196	<b>LX1780/3</b>		C16134/1		FORD
ARS5470	<b>LX2620</b>	CA10031	C30810/3		MASSEY FERGUSON
ARS5472	<b>LX3561</b>		C332200		JOHN DEERE
ARS5564	<b>LX3605</b>				ATLAS COPCO/ CASE/ COMPAIR/ HITACHI/ HYSTER/ KOMATSU/
ARS5574	<b>LX3141</b>		C331460/1		VOLVO
ARS5673	<b>LX2533</b>	CA9369	C21470		FORD/ VOLKSWAGEN
ARS6223	<b>LX3190</b>		C18360/1		JOHN DEERE/ MASSEY FERGUSON/ MITSUBISHI/ NEW HOLLAND
ARS6333	<b>LX2959</b>		C13145		CATERPILLAR/ JOHN DEERE/ KUBOTA/ YANMAR
ARS6940	<b>LX2527</b>		C14230		CASE
ARS7065	<b>LX2125</b>	CA9916	C23107		TOYOTA
ARS7109	<b>LX1687/1</b>	CA9744	C15300		AGCO/ MAXION/ MITSUBISHI/ NISSAN/ VOLVO
ARS7990	<b>LX1713</b>	CA9936	C18263		FORD
ARS7991	<b>LX2531</b>	CA9833	C11102		FORD
ARS7993	<b>LX2124</b>	CA10111	C16244		FORD
ARS7994	<b>LX3680</b>				FORD
ARS8233	<b>LX610</b>		C16247/1		IVECO
ARS8235	<b>LX2082/1</b>	CA5699	C321420/1		IVECO
ARS8236	<b>LX2532</b>	CA10221	C18450/1		IVECO/ TROLLER
ARS8842	<b>LX1673</b>	CA9745	C16400		GM/ MASSEY FERGUSON/ VALMET
ARS8889	<b>LX3986</b>	CA5741	C17337		CASE/ CATERPILLAR/ FIAT ALLIS
ARS9837	<b>LX1070</b>	CA9032	C27902		IVECO/ MERCEDES BENZ/ VOLVO
ARS9838	<b>LX1093</b>	CA9033	C20457		MERCEDES BENZ/ MONTANA PARRUDA
ARS9839	<b>LX1716</b>	CA5626PU	C27830		FORD/ VOLKSWAGEN
ARS9840	<b>LX1313/1</b>	CA9747	C271340		MERCEDES BENZ/ SCANIA/ SCANIA ÔNIBUS/ VOLVO
ARS9841	<b>LX2621</b>	CA10477	C281012		MERCEDES BENZ
ART5051	<b>LX773</b>	CA8964	C1858/1		NISSAN/ RENAULT
ART5052	<b>LX744</b>		C32123		CITROEN/ PEUGEOT
ART5054	<b>LX957/3</b>	CA10346	C2512		NISSAN/ RENAULT
ART6098	<b>LX998</b>	CA9410	C2295/5		FORD/ VOLKSWAGEN
ART9613	<b>LX3304</b>		C17006		FORD
AS116	<b>LXS287</b>	CA9380SY	CF1610		SCANIA ÔNIBUS
AS213	<b>LXS299</b>	CA502SY	C19171		CASE/ CLARK/ CUMMINS/ EATON YALE/ FIAT ALLIS/ GARDNER
AS381	<b>LXS7233</b>	CA5407	C20118		VOLVO
AS500	<b>LXS225</b>	CA4376SY	CF1030		FORD TRATORES
AS571	<b>LXS7231</b>		C20168		VOLVO
AS572	<b>LXS282</b>		CF2000		VOLVO
AS801	<b>LXS40/1</b>	CA3105SY	CF600		AGRALE/ BANTAN/ CASE/ DYNAPAC/ ENGESA/ FIAT/ FORD/ FORD
AS805	<b>LXS5/1</b>	CA3295SY	CF700		AGRALE/ CBT/ ENGESA/ FIAT ALLIS/ FORD/ FORD TRATORES/ GM/
AS810	<b>LXS41/1</b>	CA4202SY	CF800		CASE/ CBT/ COMPAIR/ DYNAPAC/ FORD/ FORD TRATORES/ GARD-
AS820	<b>LXS37/1</b>	CA3291SY	CF1000		AGRALE/ ATLAS COPCO/ CASE/ CBT/ CLARK/ COMPAIR/ DEUTZ/
AS830	<b>LXS42/1</b>	CA4685SY	CF1200		AGRALE/ ATLAS COPCO/ CASE/ CBT/ CLARK/ DYNAPAC/ ENGESA/
AS835	<b>LXS227</b>	CA4691SY	CF1400		FORD/ VOLKSWAGEN
AS836	<b>LXS226</b>	CA4692SY	CF1310		FORD/ VOLKSWAGEN
AS837	<b>LXS229</b>	CA5971SY	CF1560		FORD
AS840	<b>LXS43/1</b>	CA3280SY	CF1300		AM HOIST/ ATLAS COPCO/ CASE/ CLARK/ DYNAPAC/ ENGESA/

TECFIL	MAHLE E METAL LEVE	FRAM	MANN	LINHA	APLICAÇÃO
AS860	<b>LXS44/1</b>	CA5483SY	CF1600		CASE/ CLARK/ IVECO/ MERCEDES BENZ/ MICHIGAN/ SANTAL/
AS950	<b>LXS231</b>	CA282SY	C1157/2		FORD
ASR188	<b>LXS288</b>	CA9419SY	CF1710		SCANIA
ASR203	<b>LXS251</b>	CA9352SY	CF500/1		AGRALE
ASR223	<b>LXS292</b>	CA10764SY	CF360		JOHN DEERE/ MASSEY FERGUSON/ MITSUBISHI/ NEW HOLLAND
ASR353	<b>LXS219</b>	CA9746SY	CF600/1		AGRALE/ MASSEY FERGUSON
ASR472	<b>LXS315</b>		CF1840		JOHN DEERE
ASR513	<b>LXS7229</b>	CA7480SY	CF21239		CATERPILLAR
ASR673	<b>LXS296</b>	CA9369SY			FORD/ VOLKSWAGEN
ASR806	<b>LXS259</b>		CF300/1		AGCO/ MAXION/ VOLVO
ASR815	<b>LXS230</b>	CA7139SY			GM
ASR837	<b>LXS261</b>		CF1550		IVECO/ MERCEDES BENZ/ VOLVO
ASR838	<b>LXS263</b>		CF933		MERCEDES BENZ/ MONTANA PARRUDA
ASR839	<b>LXS260</b>	CA5626SYPU	CF1552		FORD/ GM/ MERCEDES BENZ/ VOLKSWAGEN
ASR868	<b>LXS295</b>		CF200/1		MASSEY FERGUSON
ASR870	<b>LXS262</b>	CA9418SY	CF1711		SCANIA
ASR941	<b>LXS312</b>		CF1651		MERCEDES BENZ/ SCANIA/ SCANIA ÔNIBUS/ VOLVO
ASR942	<b>LXS317</b>		CF1640		MAN
DSF0202	<b>AL12</b>	PFA5693	TB1374X		FORD/ IVECO/ MERCEDES BENZ/ SCANIA/ SCANIA ÔNIBUS/ VOLK-
FBT2350	<b>KI24</b>				HYUNDAI
FC161	<b>KX43</b>	C11860ZP	BFU707		AGRALE/ BANTAN/ BARBER GREENE/ CASE/ CBT/ CHRYSLER/
FC164	<b>KX49</b>	C11864ZP	BFU700SCI		MERCEDES BENZ/ SLC
FC165	<b>KX44</b>	C11861ZP	BFU811SCI		ATLAS COPCO/ CASE/ DEUTZ/ DYNAPAC/ EATON YALE/ FIAT ALLI-
GI01	<b>KL2</b>	G3829	WK830		ALFA ROMEO/ AUDI/ BMW/ CITROEN/ FIAT/ FORD/ GM/ LAND
GI02	<b>KL225</b>	G5471	WK47/1		GM
GI02/2	<b>KL225/1</b>		WK47/1		GM
GI03	<b>KL60</b>	G6400	WK613		BMW/ CITROEN/ FIAT/ GM/ MITSUBISHI/ PEUGEOT/ SEAT/ VOLKS-
GI03/1	<b>KL60/2</b>	G6400	WK613		FIAT/ VOLKSWAGEN
GI04	<b>KL83</b>	G5540	WK58		ALFA ROMEO/ DAEWOO/ FIAT/ FORD/ GM
GI04/7	<b>KL582(Plus)</b>	G5995	WK58		ALFA ROMEO/ CHERY/ DAEWOO/ FIAT/ FORD/ GM/ HONDA/ MITSU-
GI06	<b>KL224</b>	G3802A	WK712/4		
GI06/7	<b>KL224/1</b>	G9889F	WK712/4		CHERY/ FORD/ GM
GI07	<b>KL223</b>	G7649	WK613/4		FORD
GI07/1	<b>KL223/1</b>	G8781	WK613/4		FORD/ VOLKSWAGEN
GI08/1	<b>KL237</b>	G5738	WK613/3		SEAT/ VOLKSWAGEN
GI08/1	<b>KL237/1</b>	G5738	WK613/3		VOLKSWAGEN
GI09	<b>KL185</b>	G7599	WK68/1X		HONDA
GI10	<b>KL79</b>	G5870	WK730/1		AUDI/ VOLKSWAGEN
GI10	<b>KL79/3</b>	G5870	WK730/1		AUDI/ VOLKSWAGEN
GI12/7	<b>KL635</b>	G9892F	WK730/6		HONDA/ VOLKSWAGEN
GI40/7	<b>KL239/1</b>	G5493	WK513		FIAT
GI41	<b>KL238D</b>	G7729	WK510		FIAT
GI50/7	<b>KL583(Plus)</b>	G10230F	WK612		CITROEN/ HYUNDAI/ KIA MOTORS/ NISSAN/ PEUGEOT/ RENAULT/
GI60/7	<b>KL420</b>	G10226F	WK612/7		FORD
GU86	<b>KL63</b>	G12	WK44/4		AGRALE/ ASIA MOTORS/ AUDI/ BMW/ CBT/ CHRYSLER/ CITROEN/
L4/1	<b>OX85D</b>	C4DB	PF1155		ATLAS COPCO/ BANTAN/ CASE/ CBT/ CLARK/ EATON YALE/ FIAT
L750C	<b>OX198D</b>	C175A	PF19326		ADAMS/ CASE/ CLARK/ CUMMINS/ DYNAPAC/ EATON YALE/
L90	<b>OX30D</b>	C30DB	PF1190		CLARK/ DYNAPAC/ EATON YALE/ ENGESA/ MERCEDES BENZ/
PC162A	<b>KX25</b>	CH816PL	P824		CASE/ MAXION
PC2/155	<b>KX23</b>	C1191	P917X		AGRALE/ ATLAS COPCO/ BAMBOZZI/ BANTAN/ BARBER GREENE/
PC2/255	<b>KX24</b>	C4163	P945X		CHRYSLER/ CLARK/ FORD TRATORES/ GM/ MASSEY FERGUSON/
PC4H8792	<b>KX91</b>	C1166PL	P934A		CATERPILLAR/ GARDNER DENVER
PC505	<b>KX90</b>		P44		YANMAR
PC812	<b>KX92D</b>	C1143PL	P15159		CUMMINS/ KOMATSU/ SLC
PC945	<b>KX35</b>	C11860PL	P707		AGRALE/ BANTAN/ BOSCH/ CASE/ CBT/ CHRYSLER/ CLARK/

TECFIL	MAHLE E METAL LEVE	FRAM	MANN	LINHA	APLICAÇÃO
PC946	<b>KX269</b>				IVECO
PC947	<b>KX218D</b>	C9927ECO	P718/1X		RENAULT
PC948	<b>KX206D</b>				RENAULT
PC949	<b>KX268D</b>	C10353	PU835X		TOYOTA
PD202	<b>KX88/1D</b>	CS3504	P1278/1		SCANIA
PD204	<b>KX89/2D</b>	CS3558	P1234		RANDON/ SANTAL/ SCANIA/ SCANIA ÔNIBUS/ VOLVO
PEC3021	<b>KX80D</b>	C5932ECO	PU999/1X		MERCEDES BENZ
PEC3022	<b>KX67/2D</b>	C8826	PU1046X		MERCEDES BENZ
PEC3023	<b>KX208D</b>	C10705	PU723X		CITROEN/ FIAT/ PEUGEOT
PEC3024	<b>KX182/1D</b>	C9517	PU941x		SCANIA/ SCANIA ÔNIBUS
PEH314	<b>HX77</b>		HU 721 x KIT		VOLVO
PEL106	<b>OX979D</b>	CH10502	HU711x		FORD
PEL107	<b>OX179D</b>		HU721/2X		MERCEDES BENZ
PEL108	<b>OX339/2D</b>	CH9973ECO	HU711/51X		CITROEN/ FORD/ PEUGEOT
PEL110	<b>OX193D</b>	CH9443ECO	HU612x		CITROEN/ PEUGEOT
PEL113	<b>OX974D</b>		HU6007X		GM
PEL114	<b>OX773D</b>		HU824x		HYUNDAI/ KIA MOTORS
PEL115	<b>OX351D</b>		HU7013x		HYUNDAI
PEL118	<b>OX827D</b>	CH9713ECO	HU713/1X		FIAT
PEL119	<b>OX175D</b>	CH9584	HU816/2x		BMW/ CHRYSLER/ FIAT
PEL2001	<b>OX168D</b>	CH5933	HU12140X		MERCEDES BENZ
PEL2002	<b>OX174D</b>	CH9389	HU945/2X		MERCEDES BENZ
PEL2003	<b>OX161/D</b>	CH5957ECO	HU931/5X		MERCEDES BENZ
PEL2004	<b>OX348D</b>	CH9558	HU12110X		MERCEDES BENZ
PEL2005	<b>OX972D</b>				JOHN DEERE
PEL2006	<b>OX1026D</b>				RENAULT/ VOLVO
PEL311	<b>OX980D3</b>	CH9301ECO	HU718/1k		CHRYSLER/ MERCEDES BENZ
PEL312	<b>OX210D</b>	CH9462ECO	HU923X		RENAULT
PEL674	<b>OX1018D</b>		HU612/2X		GM
PEL705	<b>OX209D</b>	CH9580ECO	HU611X		RENAULT
PEL720	<b>OX1046D</b>				MERCEDES BENZ
PEL803	<b>OX1041D</b>				TOYOTA
PFC15	<b>KL796</b>				CASE/ FORD
PH101	<b>HX53</b>		H710		BOSCH
PH126	<b>HX107</b>				CASE
PH1960	<b>OX216</b>	CH155APL	H1074		CATERPILLAR
PH346	<b>HX15</b>	CH803APL	H601/4		AGRALE/ CASE/ CBT/ ENGESA/ FIAT/ FORD/ GM/ IVECO/ MERCEDES BENZ
PH520	<b>HX51D</b>	C1664PL	H1291/1		CASE/ CBT/ CLARK/ HUBER WABCO/ MAXION/ MULLER/ SANTAL/
PH521	<b>HX57D</b>		H1278		DYNAPAC
PH538	<b>HX58</b>	C4662	H119		FORD TRATORES
PH64	<b>HX52</b>	C1660	H1497/1		CATERPILLAR
PH663	<b>HX54</b>		H914		MAXION/ SANTAL
PH837	<b>OX219</b>	C1677	H837		CATERPILLAR
PL132/1	<b>OX5D</b>	CH33APL	H11106/1		CASE/ FIAT ALLIS/ PUMA/ SLC
PL153	<b>OX410D</b>	CH6015	MH54X		HONDA
PL180	<b>OX98D</b>	CH5412	PF1055/1X		MERCEDES BENZ
PL265	<b>OX200D</b>	CH834PL	H1034/3		ATLAS COPCO/ BMW/ BUCYRUS ERIE/ CASE/ CBT/ CLARK/ EATON
PL3	<b>OX214D</b>	C3PL	P1044		EATON YALE/ FORD
PL345	<b>OX75D</b>	CH2989	H1164		HUBER WABCO/ LIEBHERR/ MERCEDES BENZ/ SANTAL
PL364	<b>OX150D</b>	CH5261	H932/4		MERCEDES BENZ/ TOYOTA
PL366	<b>OX137D</b>	CH5262	H947/1x		CASE/ MERCEDES BENZ/ SLC
PL390	<b>OX215D</b>	CH200PL	H941		GM
PL425	<b>OX43D</b>	CH2801-1	H932/1		TOYOTA
PL442	<b>OX199D</b>	CH4829	H1271		CASE/ CBT/ CLARK/ DYNAPAC/ EATON YALE/ FIAT ALLIS/ GALION/
PL447	<b>OX69D</b>	CH2962	H12110/2X		MERCEDES BENZ

TECFIL	MAHLE E METAL LEVE	FRAM	MANN	LINHA	APLICAÇÃO
PL449	<b>OX71D</b>	CH2963	H1275X		MERCEDES BENZ
PL46	<b>OX47D</b>	CH962PL	H720		CASE/ IDEAL/ MASSEY FERGUSON/ MAXION/ MERCEDES BENZ/
PL516	<b>OX218D</b>	CH211A	H13153		ADAMS/ CASE/ CLARK/ CUMMINS/ DYNAPAC/ EATON YALE/ ENG-
PL519	<b>OX197D</b>	CH2927	H12111X		BANTAN/ BARBER GREENE/ CLARK/ DYNAPAC/ EATON YALE/
PL6H9999	<b>OX217D</b>	CH238PL	H1496		ATLAS COPCO/ CATERPILLAR/ GARDNER DENVER/ INGERSOLL
PL957	<b>OX18D</b>	CH813PL	H820/3X		ATLAS COPCO/ BAMBOZZI/ BANTAN/ BARBER GREENE/ CASE/
PL9F6700	<b>OX3D</b>	CH191APL	H1072/11X		CATERPILLAR/ GARDNER DENVER/ KOMATSU
PSA237	<b>WFC26</b>		W940/3		VOLVO
PSA272	<b>WFC4</b>	PR3909	WA921/1		
PSA299	<b>WFC1</b>	PR3304	WA940/1		
PSA331	<b>WFC2</b>	PR3908	WA923/1		
PSA761	<b>WFC3</b>	PR3392A	WA956/1		
PSC085	<b>KC222</b>	P3376	WK11102/5		CATERPILLAR
PSC100	<b>KC4</b>	P4105	WK1162		FIAT/ FIAT ALLIS/ MAXION/ NEW HOLLAND
PSC172	<b>KC133</b>	P1103A	WK955/2		ADAMS/ CASE/ CLARK/ CUMMINS/ DYNAPAC/ ENGESA/ FORD/
PSC353	<b>KC492</b>	P10503	WK962/13		AGRALE/ VOLKSWAGEN/ VOLVO
PSC401	<b>KC22</b>	P4159	WK814/1		AUDI/ MERCEDES BENZ
PSC403	<b>KC440</b>	P9454	WK950/21		FORD/ IVECO/ VOLKSWAGEN
PSC404	<b>KC171</b>		WK1149		IVECO
PSC406	<b>KC129/1</b>	PS8787	WK824		FORD/ GM/ MERCEDES BENZ
PSC410	<b>KC107</b>	P3401	WK940/7		CASE/ CLARK/ CUMMINS/ DYNAPAC/ ENGESA/ FIAT ALLIS/ FORD/
PSC411	<b>KC166</b>				CASE/ FORD
PSC451	<b>KL425</b>		WK846		FORD/ TROLLER
PSC452	<b>KL445</b>		WK853/22		MERCEDES BENZ
PSC453	<b>KL422</b>		WK842/9		VOLKSWAGEN
PSC454	<b>KL747</b>		WK940/35		GM/ NISSAN
PSC455	<b>KC182</b>		WK854/2		IVECO
PSC491	<b>KC437</b>	P10607	WK1124		VOLKSWAGEN
PSC493	<b>KC214</b>	PS10061	WK950/19		IVECO
PSC494	<b>KC186</b>		WK950/6		IVECO
PSC496	<b>KC18</b>	P4587	WK842		AGRALE/ ALFA ROMEO/ AUDI/ BMW/ CASE/ CITROEN/ FIAT/ FORD/
PSC498	<b>KL41</b>	P4836	WK842/3		AGRALE/ FORD/ GM/ HONDA/ LAND ROVER
PSC498/1	<b>KL75</b>	P5328	WK842/4		FORD/ GM/ SEAT/ VOLKSWAGEN
PSC498/2	<b>KL761</b>		WK853/15		FORD
PSC72/2	<b>KC24</b>	P4102	WK723		AGRALE/ ATLAS COPCO/ BOB CAT/ CASE/ CUMMINS/ DYNAPAC/
PSC73/1	<b>KC113</b>	P9368	WK731		AGRALE/ AM HOIST/ ATLAS COPCO/ CASE/ CATERPILLAR/ DEMAG
PSC744	<b>KC114</b>	P1104	WK950/13		ATLAS COPCO/ CATERPILLAR/ DYNAPAC/ GARDNER DENVER/
PSC745	<b>KC134</b>	P8264			GM
PSC79	<b>KC75</b>	P5694	WK962/7		VOLVO
PSC80	<b>KC251</b>		WDK11102/9		VOLVO
PSC82	<b>KC441</b>	P9422	WK940/10		SCANIA/ SCANIA ÔNIBUS
PSC84	<b>KC94</b>	P5797	WK940/12		CASE/ SANTAL/ SCANIA/ SCANIA ÔNIBUS
PSC881	<b>KL100/2</b>		WK842/13		MERCEDES BENZ/ NISSAN
PSC882	<b>KL174</b>		WK842/18		MERCEDES BENZ
PSC993	<b>KC189</b>		WK940/22		NISSAN
PSC994	<b>KC132</b>		WK710/5		KIA MOTORS
PSC998	<b>KC46</b>	P4886	WK920/1		ASIA MOTORS/ HYUNDAI/ KIA MOTORS/ MITSUBISHI
PSC999	<b>KC83</b>	P4922	WK940/1		HYUNDAI/ MITSUBISHI/ TOYOTA
PSD260	<b>KC495D</b>		WK940/26		VOLVO
PSD261	<b>KC498D</b>		WK11001x		VOLVO
PSD450	<b>KC121</b>	PS9029	WK1030		AGRALE/ GM/ RENAULT/ VOLKSWAGEN
PSD450/1	<b>KC121/1</b>	PS9029	WK1030		AGRALE/ GM/ RENAULT/ VOLKSWAGEN
PSD460	<b>KC122</b>	PS8187	WK1156/1		FIAT/ GM/ MERCEDES BENZ/ MONTANA PARRUDA/ VOLKSWAGEN
PSD460/1	<b>KC127</b>	PS10609	WK1156/1		MERCEDES BENZ/ VOLKSWAGEN
PSD470	<b>KC124</b>	PS8486A	WK1060/1		SCANIA/ VOLVO

TECFIL	MAHLE E METAL LEVE	FRAM	MANN	LINHA	APLICAÇÃO
PSD470/1	<b>KC124/1</b>	PS8486A	WK1060/1		GM/ MONTANA PARRUDA/ VOLVO/ SCANIA
PSD480	<b>KC125</b>	PS9026	WK1050/1		IVECO/ MERCEDES BENZ
PSD480/1	<b>KC125/1</b>	PS10610	WK1050/1		IVECO/ MERCEDES BENZ
PSD480/1	<b>KC126</b>	PS9027	WK1060/8x		MERCEDES BENZ
PSD490	<b>KC123</b>		WK1060/2		MERCEDES BENZ
PSD490	<b>KC123/1</b>	PS9028	WK1060/2		SCANIA/ SCANIA ÔNIBUS/ VOLVO
PSD490/1	<b>KC128</b>	PS9624A	WK1156		MERCEDES BENZ/ VOLVO
PSD530	<b>KC119</b>	PS6643	WK940/24		AGRALE/ CASE/ GM/ MERCEDES BENZ
PSD920/1	<b>KC489</b>		PF420		FORD/ MERCEDES BENZ
PSD960	<b>KC118</b>	PS6829	WK947/2		FORD/ VOLKSWAGEN
PSD960/1	<b>KC120</b>	PS10606	WK940		AGRALE
PSD964	<b>KC131</b>	PS10178			FORD/ VOLKSWAGEN
PSD965	<b>KC130</b>		WK854/1		VOLKSWAGEN
PSD980	<b>KC500D</b>		WK10002		VOLKSWAGEN
PSH012	<b>HC86</b>				CBT
PSH025	<b>HC104</b>		WH980		CASE
PSH086	<b>HC107</b>				CASE
PSH111	<b>HC81</b>	PH10229			DYNAPAC/ KOMATSU
PSH112	<b>HC82</b>		W1265		MASSEY FERGUSON
PSH173	<b>HC96</b>	PH8789	W930/14		SCANIA/ SCANIA ÔNIBUS
PSH211	<b>HC85</b>	P3961	W1290/1		CASE
PSH235	<b>HC109</b>	P7566			CLARK
PSH236	<b>HC110</b>				CLARK
PSH242	<b>HC105</b>	P6893			CASE
PSH306	<b>HC83</b>	P5573	W950/12		VALMET
PSH421	<b>OC204</b>	PH2861B	W917		VOLVO
PSH486	<b>HC76</b>	P4637A	W950/8		AGRALE/ FORD/ FORD TRATORES/ SLC
PSH582	<b>HC106</b>				CASE
PSH607	<b>HC102</b>	P6893	WH980/3		VOLVO
PSH616	<b>HC101</b>				CLARK
PSH693	<b>HC103</b>				JOHN DEERE
PSH766	<b>HC99</b>	P5158	W1374/2		CASE
PSH766	<b>HC4</b>		W1374/2		CASE/ CUMMINS/ DEMAG BAGGER/ MONTANA PARRUDA/ SANTAL
PSH793	<b>HC108</b>				CLARK
PSH96	<b>HC84</b>	P4637A	W950/8		AGRALE
PSH962	<b>OC175</b>		W962/14		ATLAS COPCO
PSL123	<b>OC26</b>	PH2842	W940/18		AGRALE/ ATLAS COPCO/ CASE/ CBT/ DEUTZ/ DYNAPAC/ ENGESA/
PSL127	<b>OC235</b>	PH3614	W712/43		BMW/ CHERY/ CITROEN/ FORD/ KIA MOTORS/ MAZDA/ TOYOTA
PSL128	<b>OC275</b>	PH5123	WP928/80		TOYOTA
PSL129	<b>OC534</b>	PH4967A	W68/80		CHERY/ CHRYSLER/ DAIHATSU/ NISSAN/ RENAULT/ SUZUKI/ TO-
PSL130	<b>OC205</b>		W815/80		ASIA MOTORS/ DAIHATSU/ GM/ HONDA/ HYUNDAI/ KIA MOTORS/
PSL131	<b>OC115</b>		W814/80		HONDA/ MAZDA
PSL134	<b>OC1227</b>				CHERY
PSL135	<b>OC100</b>	PH5566	W712/8		ATLAS COPCO/ CITROEN/ LOMBARDINI/ PEUGEOT
PSL144	<b>OC266</b>	PH5803	W719/27		FORD
PSL156	<b>OC248</b>	PH4847A	WP1144		CITROEN/ FIAT/ IVECO/ PEUGEOT/ RENAULT/ SEAT
PSL158	<b>OC1062</b>	PH5529	WP1045		KIA MOTORS/ MITSUBISHI
PSL159	<b>OC1178</b>		W1170/7		IVECO
PSL171	<b>OC18</b>	PH2811	W920/7		AGRALE/ AM HOIST/ ATLAS COPCO/ BOB CAT/ CASE/ CHRYSLER/
PSL174	<b>OC403</b>	PH2960	W11102/37		SCANIA/ SCANIA ÔNIBUS
PSL270	<b>OC531</b>	PH3375	W12106		CUMMINS/ KOMATSU
PSL277	<b>OC532</b>	P3555A	W12100		CUMMINS
PSL280	<b>OC320</b>	PH3976	W950/16		CASE/ CLARK/ CUMMINS/ FORD/ KOMATSU/ MANNESMANN/ MAS-
PSL281	<b>OC319</b>	PH3757	W1262		CLARK/ CUMMINS/ ENGESA/ FIAT ALLIS/ HUBER WABCO/ MAN-
PSL282	<b>OC333</b>	PH3900	W940/34		CASE/ FORD

TECFIL	MAHLE E METAL LEVE	FRAM	MANN	LINHA	APLICAÇÃO
PSL283	<b>OC502</b>	PH9617	W950/26		FORD/ IVECO/ VOLKSWAGEN
PSL300	<b>OC304</b>	HPH6349A	WP12300		CASE/ CUMMINS/ FIAT ALLIS/ FORD/ RANDON/ VOLKSWAGEN
PSL301	<b>OC303</b>	PH7136	W1168/5		MERCEDES BENZ
PSL321	<b>OC318</b>	PH2856	W920/41		ASIA MOTORS/ CHERY/ CHRYSLER/ GM/ HYUNDAI/ KIA MOTORS/
PSL322	<b>OC239</b>	P3828	W1114/80		KIA MOTORS
PSL323	<b>OC299</b>	PH4853	W921/80		KIA MOTORS
PSL325	<b>OC503</b>	PH4826	W950/35		ASIA MOTORS/ CITROEN/ PEUGEOT
PSL327	<b>OC274</b>	PH6355A	WP928/81		ALFA ROMEO/ HYUNDAI/ KIA MOTORS/ MAZDA/ MITSUBISHI
PSL339	<b>OC35</b>	PH2883	W1170		AGRALE/ BOB CAT/ FIAT/ FIAT ALLIS/ FORD/ FORD TRATORES/
PSL340	<b>OC404</b>	PH9503	W1323		AGRALE/ GM/ MITSUBISHI/ NISSAN/ TROLLER/ VOLKSWAGEN
PSL400	<b>OC507</b>		W1173		ATLAS COPCO/ CASE/ CATERPILLAR/ GARDNER DENVER/ GM
PSL400	<b>OC529</b>	PH49	W1173		CASE/ CATERPILLAR
PSL405	<b>OC122</b>	PH3335	W13145/2		CATERPILLAR
PSL405	<b>OC530</b>	PH3335	W131452		CATERPILLAR
PSL408	<b>OC38</b>	PH2895	W723/3		AUDI/ CBT/ CIBER/ EATON YALE/ MASSEY FERGUSON/ MAXION/
PSL417	<b>OC121</b>	PH49A	W11102/4		CATERPILLAR/ DYNAPAC/ GM/ SCANIA/ VOLVO
PSL418	<b>OC30</b>	PH4934	W950/9		ATLAS COPCO/ FIAT ALLIS/ VOLVO
PSL419	<b>OC282</b>	P3555PL	WP11102		CATERPILLAR/ VOLVO
PSL43	<b>OC66</b>	PH4558	W712/16		ALFA ROMEO/ FIAT
PSL47	<b>OC23</b>	PH2863	W920/31		ALFA ROMEO/ BMW/ CHRYSLER/ FIAT/ FORD/ LADA/ NISSAN
PSL51	<b>OC704</b>	PH6607	W79		RENAULT
PSL541	<b>OC1055</b>		W719/50		FORD
PSL55	<b>OC259</b>	PH8999	W610		FIAT/ HONDA/ KIA MOTORS/ MITSUBISHI/ NISSAN
PSL560	<b>OC250</b>	PH5548A	W712/5		SEAT/ VOLKSWAGEN
PSL561	<b>HC45</b>	PH2870A	W719/4		FORD
PSL562	<b>OC47</b>	PH2870B	W719/5		AUDI/ BMW/ FORD/ GURGEL/ SEAT/ VOLKSWAGEN
PSL564	<b>OC1241</b>	PH5552	W719/30		AUDI/ VOLKSWAGEN
PSL565	<b>OC300</b>	PH927A	W915/9		FORD/ GM/ VOLKSWAGEN
PSL567	<b>OC334</b>	PH6643			FORD/ FORD TRATORES
PSL568	<b>OC40</b>	PH2960	W11102/9		CASE/ FORD
PSL569	<b>OC302</b>	PH7014	W1167/2		FORD/ FORD TRATORES/ NEW HOLLAND
PSL615	<b>OC1239</b>	PH10060	W7013		CADILLAC/ CHRYSLER/ DODGE/ FIAT/ GM/ HUMMER/ SUZUKI
PSL617	<b>OC332</b>	PH5426	W923		GM
PSL619	<b>OC90</b>	PH4722	W712/22		DAEWOO/ FIAT/ GM
PSL62	<b>OC317</b>	PH2862C	W712/12		CHERY/ DAEWOO/ GM
PSL620	<b>OC81</b>	PH3980	W719/31		GM
PSL637	<b>OC1021</b>	PH6022			HARLEY DAVIDSON
PSL638	<b>OC1019</b>	PH6017A	MW64		HONDA/ KAWASAKI
PSL639	<b>OC1018</b>	PH6018			SUZUKI
PSL655	<b>OC613</b>		W940/69		CITROEN/ FIAT/ IVECO/ PEUGEOT
PSL657	<b>OC1222</b>	PH10268			CITROEN/ FIAT/ PEUGEOT
PSL675	<b>OC308</b>	PH977B	W950/7		ATLAS COPCO/ CASE/ CBT/ CIBER/ DYNAPAC/ FORD/ FORD TRA-
PSL714	<b>OC67</b>	PH8A	W940/81		BANTAN/ BOB CAT/ CASE/ CHRYSLER/ FORD/ FORD TRATORES/
PSL77	<b>OC309</b>	PH5796	W75/2		NISSAN/ PEUGEOT/ RENAULT
PSL78	<b>OC195</b>	PH6607	W67/80		ASIA MOTORS/ KIA MOTORS/ MAZDA/ NISSAN/ RENAULT/ SUZUKI
PSL78	<b>OC475</b>	TM5	W66		NISSAN/ RENAULT
PSL836	<b>OC335</b>		W1135/3		VALMET
PSL900	<b>OC324</b>	PH2821C	W934		AGRALE/ ATLAS COPCO/ AUDI/ BANTAN/ BARBER GREENE/ CASE/
PSL902	<b>OC261</b>	PH5443	W923/1		FORD/ GM/ LAND ROVER/ MERCEDES BENZ
PSL909	<b>OC1176</b>	PH11009	WP12121		FORD/ VOLKSWAGEN
PSL958	<b>OC301</b>	PH2845	W930/6		AGRALE/ CLARK/ EATON YALE/ ENGESA/ GM/ HYSTER/ PUMA
PSL959	<b>OC114</b>	PH13	W936/8		CLARK/ EATON YALE/ GM/ HYSTER/ PUMA/ SANTA MATILDE
PSL962	<b>OC60</b>	PH2801B	W962		AGRALE/ ATLAS COPCO/ CASE/ CBT/ DEUTZ/ DYNAPAC/ ENGESA/
PTH800	<b>HX50</b>		H813/3		VALMET
TH225	<b>HX56</b>		56240053241		VALMET



<b>AC</b>	MAHLE	<b>AGCO</b>	MAHLE	<b>ALBARUS</b>	
PF1217	<b>OC304</b>	6223618M1	<b>LX3190</b>	4450401000	<b>HC84-TRANS.</b>
		6223619M1	<b>LXS292</b>	4450402006	<b>HX51D</b>
<b>ADAMS</b>		635776	<b>KX24</b>		
FF105D	<b>KC133</b>	69303116	<b>LX271/2</b>		
FK0007	<b>OX198D</b>	70023	<b>LX973</b>	<b>ALFA ROMEO</b>	
PB0447	<b>OC67</b>	70068	<b>LX200</b>	60809355	<b>LX453</b>
VF7401	<b>OX218D</b>	71016	<b>OX200D</b>		
		71028	<b>OC324</b>	<b>ASIA MOTORS</b>	
<b>AGCO</b>		71029	<b>OC308</b>	AA11023603	<b>LX1066</b>
020352R1	<b>LXS42/1</b>	71032	<b>OC38</b>		
034391T1	<b>HC82</b>	71063	<b>KC18</b>	<b>ASTRA</b>	
036530-R1	<b>KC119</b>	71133	<b>OC261</b>	119925	<b>LX3605</b>
042285R1	<b>HC81</b>	71438534	<b>LXS315</b>		
054707R1	<b>LX2620</b>	72104	<b>KC129</b>		
055113R1	<b>LX960</b>	812073	<b>OX217D</b>	<b>ATLAS COPCO</b>	
055114R1	<b>LXS295</b>	836064	<b>OC67</b>	1028546800	<b>LX243</b>
055119R1	<b>LX1314</b>	850000000140	<b>HC84-TRANS.</b>	1028702147	<b>KC119</b>
055130R1	<b>LXS251</b>	85564200	<b>LA954</b>	10300882	<b>OC18</b>
1019235M1	<b>HX54</b>	85564200	<b>LAK954</b>	10904686	<b>KX44</b>
1025569M91	<b>LX17</b>	85564300	<b>LA954</b>	1160243	<b>KC113</b>
1041429	<b>OC23</b>	85564300	<b>LAK954</b>	12028495	<b>OC26</b>
1041429M1	<b>OC18</b>	905411880009	<b>OC26</b>	12028496	<b>OC60</b>
1621183	<b>OC60</b>	CM3318853	<b>OC304</b>	12028497	<b>OC47</b>
1755206M1	<b>OX5D</b>	CM3930942	<b>KC107</b>	158139	<b>OX218D</b>
1900347	<b>OC114</b>	CM3932217	<b>OC320</b>	16192796	<b>LX275</b>
1900368	<b>OX85D</b>			16192797	<b>LX236</b>
20350	<b>LX227</b>	<b>AGRALE</b>		16192798	<b>LX227</b>
210970	<b>KC24</b>	2009101129008	<b>LXS42/1</b>	1619279800	<b>LXS41/1</b>
22186	<b>LX265</b>	6006001208009	<b>OC324</b>	16192799	<b>LX271/2</b>
22187	<b>LXS37/1</b>	6006001345009	<b>LX275</b>	16192847	<b>LX265</b>
228468	<b>HX51D</b>	6006001346007	<b>LXS5/1</b>	16195327	<b>LXS37/1</b>
2710698M1	<b>OX3D</b>	6007001619005	<b>KC121</b>	16195441	<b>LXS5/1</b>
2710796	<b>LXS41/1</b>	6007001743003	<b>LX1314</b>	16195545	<b>LXS42/1</b>
2710797	<b>LX236</b>	6007001744001	<b>LXS251</b>	16195680	<b>LXS43/1</b>
2710801	<b>LXS40/1</b>	6007006311004	<b>KC119</b>	2709000550	<b>KX23</b>
2710804	<b>LX275</b>	6008006040007	<b>KC120</b>	29000206	<b>LX273</b>
2710805	<b>LXS5/1</b>	6011001049007	<b>LX236</b>	2914501000	<b>LX3605</b>
2730287	<b>OX47D</b>	6013101151006	<b>KC492</b>	31761311	<b>KX25</b>
2862361	<b>KC113</b>	6112006018003	<b>KC120</b>	5H6886	<b>OX217D</b>
2868515M1	<b>LX243</b>	7006011098001	<b>KC113</b>	6882716	<b>OC30</b>
2874165	<b>LX241</b>	7007007010006	<b>OC18</b>	71029	<b>KC107</b>
2889829	<b>HX15</b>	7500612	<b>KL222/KL63</b>	9705435000	<b>KX89/2D</b>
2914107M1	<b>KX44</b>	8009101116005	<b>LX265</b>	9709000520	<b>KC24</b>
30201	<b>KX43</b>	8009101117003	<b>LXS37/1</b>	9709003200	<b>OX85D</b>
30241	<b>OX18D</b>	8009101128000	<b>LX227</b>	9710037600	<b>OX3D</b>
30307	<b>KX25</b>	8009108164008	<b>HC76</b>	9710177600	<b>KC133</b>
3175385M1	<b>HX53-DIR.</b>	905411880008	<b>OC60</b>	9710177800	<b>OX198D</b>
33002	<b>KX35</b>	905411880009	<b>OC26</b>	9805115800	<b>OC121</b>
423651	<b>KX23</b>	9451080019	<b>KX43</b>	9807000300	<b>OX200D</b>
6113198M1	<b>LX1313/1</b>	9451080065	<b>KC24</b>	9807001600	<b>OX18D</b>
6209561M1	<b>LX2620</b>	9455080100	<b>KX35</b>	9807019800	<b>OC324</b>
6213198M1	<b>LX1313/1</b>	94618608	<b>KL222</b>	9807025000	<b>OC308</b>
6213199M1	<b>LXS312</b>				

06E115466	<b>OX1047D</b>	<b>BARBER GREENE</b>	<b>MAHLE</b>	<b>BMW</b>	<b>MAHLE</b>
<b>AUDI</b>		30241	<b>OX18D</b>	64318361889	<b>LA1034</b>
06E115466	<b>OX1047D</b>	3080947004	<b>LX200</b>	64318409044	<b>LAK62</b>
06E115562	<b>OX1047D</b>	4502495	<b>OX199D</b>	64319071934	<b>LA1034</b>
06E115562A	<b>OX1047D</b>	4773815	<b>KX43</b>	64319127515	<b>LA1056</b>
4A0091800	<b>LAK58</b>	4774715	<b>KX35</b>		
4B0819439A	<b>LAK46</b>	635776	<b>KX23</b>	<b>BOBCAT-MELROE</b>	
4F0819439	<b>LA1030/S</b>	71028	<b>OC324</b>	6666333	<b>LX2959</b>
4F0898438	<b>LA1030/S</b>	923069	<b>KX25</b>		
				<b>BOMAG</b>	
<b>BALDAN</b>		<b>BARRA</b>		05825015	<b>KC200</b>
11843925	<b>OX197D</b>	BP1110	<b>HX57D</b>	31780219	<b>KC107</b>
60201100539	<b>HC84-TRANS.</b>	BPA1111	<b>HX51D</b>		
9451080015	<b>KX44</b>	BPA1171	<b>KX91</b>		
				<b>BOSCH</b>	
<b>BALDWIN</b>		<b>BEDFORD</b>		0450905002	<b>KL60</b>
B141	<b>OC318</b>	649008	<b>OC115</b>	0986450229	<b>KL60</b>
B1447	<b>OC1236</b>			0986B00003	<b>OC266</b>
B160	<b>OC1239</b>	<b>BENDIX</b>		0986B00005	<b>OC274</b>
B7431	<b>OC23</b>	272897	<b>AL12-DESUM.</b>	0986B00006	<b>OC318</b>
B7449	<b>OC1240</b>			0986B00007	<b>OC239</b>
B76	<b>OC403</b>	<b>BMC</b>		0986B00008	<b>OC299</b>
BD103	<b>OC304</b>	52RS018346	<b>LX3605</b>	0986B00010	<b>OC503</b>
BD7160	<b>OC1237</b>	9P921501	<b>LX3605</b>	0986B00011	<b>OC274</b>
BF7602	<b>KC518</b>			0986B00012	<b>OC66</b>
BF7814	<b>KC300</b>	<b>BMW</b>		0986B00013	<b>OC66</b>
BT223	<b>OC235</b>	11001300053	<b>OC91</b>	0986B00014	<b>OC23</b>
BT8409	<b>OC466</b>	11421460327	<b>OC91</b>	0986B00015	<b>OC259</b>
BT8850MPG	<b>HC104</b>	11421460697	<b>OC91</b>	0986B00016	<b>OC250</b>
P7196	<b>OX1025D</b>	11421460833	<b>OC91</b>	0986B00017	<b>HC45</b>
P7329	<b>OX1026D</b>	11421460845	<b>OC91</b>	0986B00018	<b>OC47</b>
P7413	<b>OX1044D</b>	11421460858	<b>OC91</b>	0986B00020	<b>OC332</b>
P7414	<b>OX1047D</b>	11427501676	<b>OC91</b>	0986B00021	<b>OC90</b>
P7427	<b>OX1045D</b>	11427506677	<b>OX166/1D</b>	0986B00022	<b>OC317</b>
PA3781	<b>LA952</b>	11427508969	<b>OX1045D</b>	0986B00025	<b>OC301</b>
PA4082	<b>LX405</b>	11427511161	<b>OX166/1D</b>	0986B00026	<b>OC114</b>
PA4111	<b>LX684</b>	11427530668	<b>OX1045D</b>	0986B01000	<b>OC26</b>
PA4159	<b>LA1055</b>	11427541827	<b>OX166/1D</b>	0986B01001	<b>OC248</b>
PA4168	<b>LA1059</b>	11427566327	<b>OX1040D</b>	0986B01003	<b>OC18</b>
PA4188	<b>LA1041</b>	11427673541	<b>OX1040D</b>	0986B01008	<b>OC320</b>
PA4199	<b>LA1040</b>	11427719357	<b>OC306</b>	0986B01009	<b>OC319</b>
PA4199	<b>LA1047</b>	11427721779	<b>OC306</b>	0986B01010	<b>OC333</b>
PA4336	<b>LAK1002</b>	13321332756	<b>OC619</b>	0986B01011	<b>OC304</b>
PA4349	<b>LX3506</b>	13717672552	<b>KC113</b>	0986B01012	<b>OC303</b>
PA4407	<b>LA1036</b>	13717672602	<b>LX984/2</b>	0986B01015	<b>OC35</b>
PA4408	<b>LA1045</b>	13717703583	<b>LX966</b>	0986B01016	<b>OC404</b>
PA4440KIT	<b>LX804/S</b>	1460858	<b>LX966</b>	0986B01018	<b>OC121</b>
PA4785	<b>LX572</b>	172213312062	<b>LX984/5</b>	0986B01020	<b>OC282(By Pass)</b>
RS3502	<b>LX2528</b>	32411120717	<b>OC91</b>	0986B01023	<b>OC302</b>
RS3870	<b>LX3605</b>	64111393489	<b>OC60</b>	0986B01025	<b>OC324</b>
RS4993	<b>LX3620</b>	64119069895	<b>HX15</b>	0986B01026	<b>OC261</b>
		64111000004	<b>LA1049</b>	0986B01027	<b>OC60</b>
<b>BARBER GREENE</b>			<b>LA1049</b>	0986B01028	<b>OC308</b>
1P2299	<b>KC114</b>		<b>LA1034</b>	0986B01500	<b>OX85D</b>
				0986B01501	<b>OX198D</b>

BOSCH	MAHLE	BOSCH	MAHLE	BOSCH	MAHLE
0986B01502	<b>OX30D</b>	0986B02317	<b>LX964</b>	1457429624	<b>OX95D</b>
0986B01551	<b>OX98D</b>	0986B02318	<b>LX614</b>	1457429645	<b>OX71D</b>
0986B01552	<b>OX200D</b>	0986B02319	<b>LX435</b>	1457429647	<b>OX150D</b>
0986B01554	<b>OX75D</b>	0986B02320	<b>LX687</b>	1457429820	<b>HX15</b>
0986B01555	<b>OX150D</b>	0986B02321	<b>LX962</b>	1457429874	<b>LX450</b>
0986B01556	<b>OX95D</b>	0986B02322	<b>LX1312</b>	1457429895	<b>LX414</b>
0986B01560	<b>OX199D</b>	0986B03000	<b>LX714</b>	1457429927	<b>LX64</b>
0986B01561	<b>OX69D</b>	0986B03001	<b>LX1314</b>	1457429932	<b>LX200</b>
0986B01562	<b>OX71D</b>	0986B03003	<b>LX1056</b>	1457429941	<b>LX275</b>
0986B01565	<b>OX197D</b>	0986B03500	<b>LX1097</b>	1457429946	<b>LX236</b>
0986B01567	<b>OX18D</b>	0986B03501	<b>LX1068</b>	1457429950	<b>LX265</b>
0986B01650	<b>HX53-DIR.</b>	0986B03502	<b>LX1064</b>	1457429966	<b>LX227</b>
0986B01652	<b>HX15</b>	0986B03504	<b>LX912</b>	1457429969	<b>LX273</b>
0986B01653	<b>HX51D</b>	0986B03505	<b>LX1067</b>	1457429975	<b>LX271/2</b>
0986B01654	<b>HX57D</b>	0986B03507	<b>LX1094</b>	1457429992	<b>LX58</b>
0986B01655	<b>HX58-DIR.</b>	0986B03508	<b>LX970</b>	1457432200	<b>LX572</b>
0986B01657	<b>HX54</b>	0986B03509	<b>LX450</b>	1457432280	<b>LX1092</b>
0986B01750	<b>HX50</b>	0986B03510	<b>LX243</b>	1457432281	<b>LX513</b>
0986B01800	<b>HX56-TRANS.</b>	0986B03511	<b>LX236</b>	1457432284	<b>LX1069</b>
0986B01901	<b>HC81</b>	0986B03513	<b>LX227</b>	1457432285	<b>LX567</b>
0986B01902	<b>HC82</b>	0986B03514	<b>LX241</b>	1457432286	<b>LX960</b>
0986B01903	<b>HC85</b>	0986B03515	<b>LX271/2</b>	1457432288	<b>LX1070</b>
0986B01904	<b>HC83-TRANS.</b>	0986B03518	<b>LX969</b>	1457432289	<b>LX1093</b>
0986B01907	<b>HC76</b>	0986B03519	<b>LX972</b>	1457432290	<b>LXS230</b>
0986B01910	<b>HC84-TRANS.</b>	0986B03520	<b>LX971</b>	1457433007	<b>LX390</b>
0986B02002	<b>LX157</b>	0986B03521	<b>LX93</b>	1457433159	<b>LX1287</b>
0986B02003	<b>LX272</b>	0986B03524	<b>LX17</b>	1457433511	<b>LX902/1</b>
0986B02004	<b>LX963</b>	0986B03525	<b>LX973</b>	1457433513	<b>LX735</b>
0986B02005	<b>LX55</b>	0986B03526	<b>LX275</b>	1457434050	<b>KC113</b>
0986B02006	<b>LX961</b>	0986B03529	<b>LX975</b>	1457434105	<b>KC18</b>
0986B02007	<b>LX905/1</b>	0986B03530	<b>LX974</b>	1457434106	<b>KC18</b>
0986B02008	<b>LX64</b>	0986B03531	<b>LX910</b>	1457434153	<b>KC22</b>
0986B02009	<b>LX202</b>	0986B03534	<b>LX200</b>	1457434154	<b>KC113</b>
0986B02010	<b>LX903/1</b>	0986B03535	<b>LX265</b>	1457436002	<b>UX2D</b>
0986B02011	<b>LX904/1</b>	0986B03536	<b>LX273</b>	1457436006	<b>UX2D</b>
0986B02012	<b>LX900/1</b>	0986B03900	<b>LXS225</b>	1987429601	<b>LX208/1</b>
0986B02013	<b>LX901</b>	0986B03901	<b>LXS40/1</b>	1987429602	<b>LX1095</b>
0986B02017	<b>LX958/1</b>	0986B03902	<b>LXS5/1</b>	1987429603	<b>LX290</b>
0986B02018	<b>LX208/1</b>	0986B03903	<b>LXS41/1</b>	1987429604	<b>LX330</b>
0986B02301	<b>LX1066</b>	0986B03904	<b>LXS37/1</b>	1987429605	<b>LX1096</b>
0986B02302	<b>LX589</b>	0986B03905	<b>LXS42/1</b>	1987429606	<b>LX1316</b>
0986B02303	<b>LX453</b>	0986B03906	<b>LXS227</b>	1987429607	<b>LXS229</b>
0986B02304	<b>LX618</b>	0986B03907	<b>LXS43/1</b>	1987429608	<b>LXS226</b>
0986B02305	<b>LX907</b>	0986B03908	<b>LXS44/1</b>	1987430042	<b>LX243</b>
0986B02306	<b>LX908</b>	0986BF0519	<b>LA82</b>	1987431001	<b>LA37</b>
0986B02307	<b>LX906</b>	0986BF0534	<b>LA153</b>	1987431003	<b>LA56</b>
0986B02308	<b>LX909</b>	1457429025	<b>LX157</b>	1987431006	<b>LA77</b>
0986B02309	<b>LX405</b>	1457429035	<b>LX241</b>	1987431007	<b>LA32</b>
0986B02310	<b>LX684</b>	1457429054	<b>LX208/1</b>	1987431008	<b>LA26</b>
0986B02311	<b>LX418</b>	1457429110	<b>OX47D</b>	1987431009	<b>LA33</b>
0986B02313	<b>LX523</b>	1457429115	<b>OX18D</b>	1987431010	<b>LA11</b>
0986B02314	<b>LX1315</b>	1457429162	<b>OX30D</b>	1987431012	<b>LA31</b>
0986B02315	<b>LX414</b>	1457429175	<b>OX85D</b>	1987431013	<b>LA44</b>
0986B02316	<b>LX448</b>	1457429595	<b>OX69D</b>	1987431014	<b>LA34</b>

BOSCH	MAHLE	BOSCH	MAHLE	BOSCH	MAHLE
1987431015	LA21	9455081043	OX218D	9455087507	LX905/1
1987431017	LA13	9455081046	OX198D	9455087517	LX963
1987431018	LA25	9455081048	OX3D	9455087518	LX961
1987431020	LA47/S	9455081049	OX217D	9455087520	LX202
1987431021	LA8	9455081055	OX197D	9455087521	LX904/1
1987431022	LA9	9455081500	OC317	9455087522	LX901
1987431024	LA46	9455081507	OC301	9455087523	LX589
1987431027	LA23	9455081516	OC114	9455087524	LX453
1987431030	LA49	9455085002	HX53-DIR.	9455087525	LX907
1987431034	LA40	9455085003	HX58-DIR.	9455087526	LX906
1987431042	LA123	9455085004	HX54	9455087527	LX909
1987431301	LAK37	9455085006	HC84-TRANS.	9455087528	LX523
450904004	KL222	9455085007	HC83-TRANS.	9455087529	LX414
450904077	KL33	9455085009	HC76	986	HX55-TRANS.
450905030	KL2	9455085012	HX55-TRANS.	986450144	KL237
450905139	KL2	9455085015	HX50	986450228	KL223
450905203	KL19	9455085017	HX52	986450231	KL224
450905273	KL83	9455085018	HX51D	986450232	KL239/1
450905913	KL225	9455085019	HX57D	986450519	KC24
450905916	KL185	9455085020	OX216	986450581	WFC3
451103004	OC18	9455085021	HC81	986450582	WFC2
451103009	OC47	9455085022	HC85	986450583	WFC1
451103011	OC23	9455085026	WFC4	986450646	KL222/KL63
451103024	HC45	9455087007	LX970	986450694	KX24
451103097	OC90	9455087008	LX973	986450695	KX23
451103101	OC38	9455087009	LXS40/1	986450696	KX36
451103321	OC235	9455087010	LXS5/1	986450697	KX91
451103323	OC300	9455087011	LXS41/1	986450698	KX90
451103324	OC81	9455087012	LXS37/1	986450699	KX92D
451103325	OC67	9455087013	LXS43/1	986450700	KX88/1D
451103332	OC309	9455087021	LX1102	986450701	KX89/2D
451104004	OC26	9455087025	LX1057	986450702	KX49
451105001	OC60	9455087027	LX1101	986450703	KX44
451203010	OC308	9455087030	LX972	986450704	KX43
451301088	OC35	9455087031	LX971	986450706	KC130
451403077	OC121	9455087032	LX93	986450707	KC119
911705	KX49	9455087033	LX1055/1	986450708	KC128
9450080145	KL83	9455087034	LX17	986450709	KC122
9455081003	OX75D	9455087037	LX1100	986450710	KC121
9455081004	OX199D	9455087038	LX975	986450712	KC129
9455081009	OC30	9455087039	LX974	986450713	KC107
9455081015	OC324	9455087040	LX910	986450714	KC133
9455081022	OC320	9455087041	LX116	986450715	KC94
9455081023	OC319	9455087042	LX1062	986450717	KC4
9455081024	OC304	9455087043	LXS225	986450718	KC114
9455081028	OC334	9455087048	LXS42/1	986450719	KC46
9455081029	OC40	9455087049	LXS227	986450722	KC132
9455081030	OC302	9455087051	LXS44/1	986450725	KC75
9455081035	OC335	9455087052	LXS231	986450726	KC120
9455081036	OX214D	9455087500	LX55	986450727	KC125
9455081038	OX5D	9455087501	LX900/1	986450728	KC166
9455081040	OX200D	9455087502	LX903/1	986450734	KC124
9455081041	OX215D	9455087503	LX272	986450962	KX25
9455081042	OX43D	9455087506	LX958/1	986450963	KX35

<b>BOSCH</b>	<b>MAHLE</b>	<b>BUCYRUS</b>		<b>CASE</b>	<b>MAHLE</b>
986452036	<b>OC115</b>			E061348	<b>LX243</b>
986452233	<b>KL222</b>	100852	<b>HX51D</b>	E062774	<b>LX17</b>
986452350	<b>OC534</b>	79950068	<b>KX44</b>	E063344	<b>OX47D</b>
986452354	<b>OC205</b>			E065502	<b>OC324</b>
986B02301	<b>LX1066</b>	<b>CAMECO</b>		E066016	<b>OX200D</b>
986B02309	<b>LX405</b>	61324848	<b>HX107</b>	E066059	<b>OX18D</b>
986B03000	<b>LX714</b>			E097543	<b>HC85</b>
986B03500	<b>LX1097</b>			E097999	<b>OX199D</b>
986B03501	<b>LX1068</b>	<b>CASE</b>		E145579 A1	<b>KC119</b>
986B03502	<b>LX1064</b>	0000180935	<b>LX760</b>	E155525	<b>LXS37/1</b>
986B03507	<b>LX1094</b>	00402146	<b>HC4</b>	E155526	<b>LX265</b>
986B03512	<b>LX1057</b>	0L402146	<b>HC4</b>	E-156005	<b>OX197D</b>
986B03516	<b>LX1101</b>	128781A1	<b>LX2527</b>	E156170	<b>KC107</b>
986B03517	<b>LX1063</b>	136750	<b>OX198D</b>	E156172	<b>OC319</b>
986B03522	<b>LX1055/1</b>	145217A1	<b>OX95D</b>	E156173	<b>WFC2</b>
986B03527	<b>LX1100</b>	145412A1	<b>LX275</b>	E158437	<b>KC119</b>
986B03528	<b>LX1102</b>	145413A1	<b>LXS5/1</b>	E158438	<b>KX24</b>
986B03532	<b>LX1116</b>	146343A1	<b>KC18</b>	E159968	<b>OC23</b>
986B03533	<b>LX1062</b>	150521	<b>OC60</b>	J908616	<b>OC333</b>
986B03537	<b>LX1056</b>	150526	<b>KC24</b>	J925274	<b>KC107</b>
AB2315	<b>LX414</b>	180936	<b>LXS299</b>	J930942	<b>KC107</b>
AB2317	<b>LX964</b>	194199A1	<b>KL870</b>	J931062	<b>KC166</b>
AB2320	<b>LX687</b>	219517	<b>LX271/2</b>	L052764	<b>HX52</b>
AB2321	<b>LX962</b>	222421A1	<b>LX3986</b>	R822434	<b>OX197D</b>
F00BH40012	<b>UX1D</b>	248124A1	<b>LA610</b>		
F00BH40230	<b>UX1D</b>	259288A1	<b>LX3259</b>		
		294293A1	<b>LXS298</b>	<b>CATERPILLAR</b>	
		299080	<b>WFC1</b>	000705186	<b>HX52</b>
		2996570	<b>OX1052D</b>	1106326	<b>LX3986</b>
<b>BRASIF</b>		35034	<b>OX5D</b>	1232367	<b>LX3604</b>
B005	<b>OX197D</b>	47128201	<b>LX3604</b>	1318902	<b>LX3986</b>
B216A1	<b>LXS37/1</b>	47135973	<b>LX3604</b>	1421340	<b>LX3605</b>
B217A1	<b>OX95D</b>	5080756	<b>LX3604</b>	1A3479	<b>KC114</b>
B399	<b>KL222/KL63</b>	84219699	<b>KC214</b>	1G-8878	<b>HC102</b>
B400	<b>OC38</b>	84346773	<b>OC1178</b>	1M9156	<b>OX216</b>
B413A1	<b>LXS5/1</b>	84993233	<b>KC119</b>	1P7360	<b>LX1100</b>
B438	<b>KX24</b>	87344135	<b>LX3190</b>	1P7360	<b>LXS232</b>
B502	<b>OC324</b>	87344136	<b>LXS292</b>	1P7716	<b>LX1100</b>
B543	<b>HC85</b>	87440031	<b>LX3261</b>	1P7958	<b>LX1101</b>
B574	<b>LX275</b>	87677454	<b>LA884</b>	1R0058	<b>OC121</b>
B579	<b>LXS40/1</b>	87684088	<b>LX3259</b>	1R0711	<b>KC134</b>
B638	<b>LX200</b>	87803200	<b>KC440</b>	1R0716	<b>OC122</b>
B669	<b>OX217D</b>	8888667	<b>OC26</b>	1R-0716	<b>OC530</b>
B774	<b>LX17</b>	905411420003	<b>KX43</b>	1R0720	<b>OX217D</b>
B889	<b>OX18D</b>	9451080015	<b>KX44</b>	1R0728	<b>OX219</b>
B911	<b>KX23</b>	9455080100	<b>KX35</b>	1R0741	<b>HX52</b>
		A0033487	<b>OC67</b>	1W-2660	<b>OC530</b>
<b>BRASINCA</b>		A037187	<b>KX23</b>	2P-4005	<b>OC530</b>
423651	<b>KX23</b>	A043702	<b>HX51D</b>	2P5080	<b>LX116</b>
5578029	<b>OC114</b>	A077470	<b>KC113</b>	2S1285	<b>LX1062</b>
64621224	<b>LX236</b>	A77470S1	<b>KC107</b>	2S1286	<b>LX1063</b>
71028	<b>OC324</b>	B041402	<b>OX85D</b>	2Y8078	<b>OX213</b>
7500612	<b>KL222/KL63</b>	B0414402	<b>OX197D</b>	2Y8098	<b>OX3D</b>
94603895	<b>LXS41/1</b>	D062845	<b>OC18</b>	2Y8099	<b>OX217D</b>

CATERPILLAR	MAHLE	CBT	MAHLE	CHRYSLER	MAHLE
45816	<b>OX219</b>	2500302025	<b>LXS5/1</b>	68001297AA	<b>OX188D</b>
4H8792	<b>KX91</b>	2501207018	<b>HC84-TRANS.</b>	68079487AA	<b>LA902</b>
4J0816	<b>OX219</b>	2656017	<b>KX23</b>	82205905	<b>LA1055</b>
4J6064	<b>HX52</b>	315299	<b>OX18D</b>	82208300	<b>LA1059</b>
4M8047	<b>LX116</b>	3431847325	<b>OX199D</b>		
5S0484	<b>OX3D</b>	3450947004	<b>LXS37/1</b>		
5S0485	<b>OX217D</b>	3450947304	<b>LX227</b>	<b>CIFALI</b>	
629500190	<b>HX51D</b>	5100302006	<b>LX265</b>	26560017	<b>KX23</b>
629501032	<b>OC60</b>	5573102	<b>OX5D</b>	70997040	<b>OX18D</b>
629501248	<b>KX43</b>	635776	<b>KX24</b>	71016	<b>OX200D</b>
629501396	<b>LX265</b>	71016	<b>OX200D</b>	71029	<b>OC308</b>
629501461	<b>OC26</b>	71028	<b>OC324</b>	71032	<b>OC38</b>
629501651	<b>LX243</b>	71029	<b>OC308</b>		
629502006	<b>OC122</b>	71032	<b>OC38</b>	<b>CITROEN</b>	
629502444	<b>LXS40/1</b>	7500612	<b>KL222/KL63</b>	1109.R7	<b>OX193D</b>
629503129	<b>OC300</b>	905411880009	<b>OC26</b>	1109.Z2	<b>OX339/2D ECO</b>
629503145	<b>OC18</b>	9451080019	<b>KX43</b>	1109Y8	<b>OC248</b>
629507583	<b>LX227</b>	9455080100	<b>KX35</b>	1444.EF	<b>LX1287</b>
629509118	<b>LXS5/1</b>			1444.EY	<b>LX478/1</b>
629509134	<b>LXS44/1</b>	<b>CHERY</b>		1444.J5	<b>LX643</b>
629509738	<b>WFC3</b>	372-1012010	<b>OC1227</b>	1444.QE	<b>LX645/1</b>
629509993	<b>LXS37/1</b>	372-1012010	<b>OC534</b>	1444.R1	<b>LX645/1</b>
629510025	<b>LX902/1</b>	473H-1012010N	<b>OC235</b>	1444.R3	<b>LX645/1</b>
694229	<b>OC67</b>	481H-1012010N	<b>OC318</b>	1444.VH	<b>LX1287</b>
694229E	<b>OC67</b>	A21-1109111	<b>LX3690</b>	1444A4	<b>LX572</b>
6A5110	<b>LX236</b>	B14-1117110N	<b>KL224/1</b>	1444A8	<b>LX572</b>
6A5162	<b>LX200</b>	JX0604	<b>OC1227</b>	1444F4	<b>LX572</b>
6I2499	<b>LX2528</b>	JX0604	<b>OC534</b>	1444FJ	<b>LX1048</b>
6I-2505	<b>LX1777</b>	M11-1109111	<b>LX3692</b>	1444FK	<b>LX1765</b>
6I-2506	<b>LXS7229</b>	S12-1109111N	<b>LX3116</b>	1444L6	<b>LX3723</b>
7W2327	<b>OC67</b>	T11-1117110N	<b>KL582(Plus)</b>	1444R7	<b>LX572</b>
8N5495	<b>LX1100</b>	T118107910	<b>LA905</b>	1444T6	<b>LX572</b>
9N3717	<b>WFC1</b>	T11-8107910N	<b>LA632</b>	1444T8	<b>LX572</b>
				1444T9	<b>LX572</b>
<b>CAV</b>		<b>CHICAGO</b>		1444-V3	<b>LX795</b>
296	<b>KX23</b>	1028702145	<b>KC119</b>	1444W8	<b>LX572</b>
494SCANIA	<b>KC113</b>	1031400226	<b>OC60</b>	1444X1	<b>LX1287</b>
494VOLVO	<b>KC24</b>	40993	<b>KX23</b>	1444X4	<b>LX1287</b>
496A	<b>KC18</b>	5573014	<b>OX5D</b>	1567.A5	<b>KL72</b>
7019/113	<b>KX43</b>	71028	<b>OC324</b>	1567.C1	<b>KL583(Plus)</b>
7031/105	<b>KX44</b>			1567.C2	<b>KL583(Plus)</b>
7111/113	<b>KX35</b>	<b>CHRYSLER</b>		1609428080	<b>LA1099/S</b>
7176054	<b>OC324</b>	04596501AB	<b>LA1050</b>	6447FF	<b>LA153</b>
796	<b>KX24</b>	04693353AA	<b>OX175D</b>	6447HP	<b>LA887</b>
		05013595AA	<b>LA1059</b>	6447JO	<b>LA123</b>
<b>CBT</b>		05013595AB	<b>LA1059</b>	6447KR	<b>LA184</b>
1101207018	<b>HX51D</b>	05058040AA	<b>LA180</b>	6447NT	<b>LA138</b>
1440182260	<b>LXS42/1</b>	2471400	<b>OC236</b>	6447TC	<b>LA1033</b>
1600302006	<b>LX236</b>	33004195	<b>OC318</b>	6447TY	<b>LA123</b>
1600302025	<b>LXS41/1</b>	3549957	<b>OC23</b>	6647LZ	<b>LA1057</b>
1845825	<b>OX85D</b>	4105409	<b>OC534</b>	75492226	<b>LX290</b>
2100302006	<b>LX236</b>	5015581AA	<b>KX447D</b>	95618786	<b>LX572</b>
2500302006	<b>LX275</b>	53032700AB	<b>LX3524</b>	96010991	<b>LX572</b>
				9601999180	<b>LX572</b>



<b>CITROEN</b>	MAHLE	<b>CUMMINS</b>	MAHLE	<b>DELPHI</b>	MAHLE
9601999180	LX572	3903264	OC320	EFA420	LXS41/1
		3903410	KC107	EFA421	LXS37/1
<b>CLARK</b>		3903640	KC24	EFA421A	LX964
247052	HC110	3931063	KC24	EFA506	LX64
2791707	LX2959	3932217	OC320	EFA513	LX909
3306923	LX902/1	39424270	KX447D	EFA519	LX523
3316537	OC18	3978040	KC440	EFA589	LX902/1
3338477	LX265	4897833	KC440	EFA601	LX975
807638	LX200	4897897	KC440	EFA602	LX974
887764	HX51D	4897898	OC502	EFA604	LX905/1
913556	KC107	503120785	OC502	EFA605	LX202
949418	WFC1	BF9115	KL41	EFA619	LX272
				EFA620	LX208/1
				EFA622	LX55
<b>CNH</b>		<b>DAEWOO</b>		EFA623	LX903/1
82008606	LX2713	65125015021	KC200	EFA624	LX904/1
		94797406	OC90	EFA625	LX900/1
				EFA626	LX414
<b>COMPAIR</b>		<b>DAF</b>		EFA627	LX901
10945204	LX265	1296851	KC124	EFA709	LX961
26560017	KX23	1399494	OC502	EFA833	LX958/1
3450947304	LX227	1506635	AL24-DESUM.	EFA891	LX972
71016	OX200D	1782420	AL24-DESUM.	EFA892	LX971
71028	OC324	1815766	UX1D	EFA893	LX970
C11158/1014	LX236	1872122	AL24-DESUM.	EFA894	LX1102
C11158/1054	LX273	649425	UX1D	EFA895	LXS42/1
C11158/1390	LX271/2	699387	AL12-DESUM.	EFA896	LXS227
C160112/51	OC47			EFA897	LXS226
				EFA898	LXS229
<b>CORTECO</b>		<b>DAIHATSU</b>		EFA899	LXS44/1
51098F	LA612	1560187104	OC534	EFA900	LXS231
51120F	LAK81	1560187310	OC115	EFA901	LX243
				EFA902	LX1057
<b>CUMMINS</b>		<b>DELPHI</b>		EFA903	LX1096
101679	OX198D	EFA023	LX973	EFA904	LX567
139097	KX92D	EFA210	LX157	EFA905	LX1056
154709	KC133	EFA302	LX906	EFA906	LX513
158139	OX218D	EFA305	LX963	EFA909	LX330
173368	OX218D	EFA327	LX453	EFA910	LX1068
209604	WFC1	EFA333	LX589	EFA911	LX1094
256834	KX92D	EFA360	LX907	EFA912	LX912
299083	WFC3	EFA400	LX236	EFA913	LX1067
299086	WFC4	EFA405	LX265	EFA914	LX1097
2992242	OC502	EFA407	LX200	EFA915	LX1064
2R0115403	OC502	EFA409	LX227	EFA917	LX1066
3014654	OC319	EFA411	LX275	EFA918	LX614
3286503	KC166	EFA413	LX241	EFA919	LX448
3305368	WFC4	EFA413-1	LX271/2	EFA920	LX735
3318157	WFC2	EFA413-2	LXS43/1	EFA921	LX405
3318201	WFC4	EFA414	LX450	EFA922	LX684
3318853	OC304	EFA415	LX910	EFA923	LX418
3355903	KC118	EFA417	LX273	EFA924	LX618
3401544	OC1176	EFA418	LXS40/1	EFA988	LX908
3826094	KL796	EFA419	LXS5/1	EFA989	LX435

DELPHI	MAHLE	DELPHI	MAHLE	DELPHI	MAHLE
EFA990	LX687	EFL730	OC299	HDH001	HX53-DIR.
EFA991	LX962	EFL861	OC26		
EFA993	LX1055/1	EFL925	OX197D	<b>DEUTZ</b>	
EFA994	LX93	EFL934	OC332	01181245	KC8
EFA995	LX969	EFL958	OC301	02113151	KC200
EFA996	LXS225	EFL959	OC114	02931522	OX1026D
EFC100	WFC1	EFL963	OC40	1160024	OC26
EFC101	WFC2	EFL964	OC302	1160025	OC60
EFC102	WFC3	EFL974	OC261	1160243	KC24
EFH100	HX58-DIR.	EFL983	OC235	1168407	KX44
EFH101	HC82	EFL984	OC318	12141335	LX273
EFH102	HC85	EFL985	OC239	1902129	LX273
EFH103	HC83-TRANS.	EFL986	OC274	19922	LX265
EFH104	HX50	EFL993	OC282(By Pass)	2931709	OX1026D
EFL016	OX200D	EFS100	KX88/1D	3018134	KX23
EFL025	OX199D	EFS101	KC121	42488361	LX273
EFL028	OC324	EFS102	KC122	4252248	OX174D
EFL032	OC38	EFS103	KC124	4903559	OX1026D
EFL043	HX15	EFS104	KC128	EZ013020	KC200
EFL044	OC66	EFS105	KC119		
EFL162	OC317	EFS106	KX89/2D	<b>DODGE</b>	
EFL189	OC266	EFS107	KC130	2471400	OC236
EFL225	OX95D	FF1006	KL224		
EFL225-1	OC303	FF1039	KL185		
EFL243	HC76	FF1050	KL2	<b>DONALDSON</b>	
EFL299	OX18D	FF20037	KL239/1	7X-6041	LA952
EFL343	OC121	FF20038	KL237	CA598	LX1100
EFL425	OX150D	FF20039	KL223	ELF7300	OC1176
EFL509	OC23	FF20040	KL60	ELF7300	OC304
EFL511	OC18	FF20041	KL83	ELF7483	OC403
EFL514	OC67	FF20042	KL225	ELF7690	OX348D
EFL515	OC308	FF20043	KL222/KL63	ELF7739	OC121
EFL521	OC60	FF20044	KL222	FFP550012	KL222
EFL523	OC35	HDF400	KX25	FFP550934	KC113
EFL524	OX75D	HDF401	KX35	FFP553004	KC24
EFL526	OX69D	HDF402	KC4	FFP556245	KX23
EFL561	HC45	HDF403	KC133	HFP552297	OC26
EFL562	OC47	HDF404	KC22	HFP556064	HX52
EFL563	OC250	HDF406	KC114	LF750A	OX198D
EFL619	OC90	HDF408	KC94	P019159	LX1101
EFL715	OC300	HDF410	KC46	P104384	LX1062
EFL716	OX98D	HDF411	KC83	P104385	LX1063
EFL717	OX215D	HDF412	KC132	P119168	LXS232
EFL718	OX71D	HDF494	KC24	P119372	LXS299
EFL719	OX218D	HDF496	KC18	P123160	LXS40/1
EFL721	OC320	HDF500	KX49	P140101	LX273
EFL722	OC319	HDF500A	KC107	P140122	LX241
EFL723	OC333	HDF501	KX44	P140123	LX265
EFL724	OC304	HDF501A	KX43	P140131	LX200
EFL725	OC335	HDF762	KC113	P140132	LX243
EFL726	OC81	HDF820	KL41	P140134	LX973
EFL727	OC66	HDF821	KC129	P140136	LX227
EFL728	OC115	HDF822	KC75	P140186	LX275
EFL729	OC503	HDH001	HX53-DIR.	P140187	LX236



DONALDSON	MAHLE	DONALDSON	MAHLE	DONALDSON	MAHLE
P142141	LX236	P172555	OC35	P532009	LX975
P150907	LX116	P172556	OC90	P532010	LX902/1
P150908	LX902/1	P172559	OC121	P532013	LX901
P150922	LX1100	P172560	OC121	P532014	LX900/1
P150934	LX1063	P172561	OC302	P532017	LXS225
P151874	LX970	P172562	OC320	P532018	LXS44/1
P153025	LX241	P172563	OX75D	P532020	LX905/1
P153026	LX265	P172580	OX213	P532024	LX272
P153028	LX243	P172650	KX43	P532025	LX55
P153029	LX227	P172651	KX23	P532028	LX963
P153032	LX1101	P172652	KX24	P532031	LX157
P154145	LXS5/1	P172653	KC113	P532032	LX904/1
P154146	LXS40/1	P172654	KC107	P532033	LX202
P154147	LXS41/1	P172655	KC24	P532034	LX969
P154148	LXS37/1	P172656	KC133	P532035	LX208/1
P154150	LXS44/1	P172665	KC114	P532036	LX903/1
P154205	HX52	P172669	KX25	P532037	LX958/1
P164384	HC104	P172672	KL222/KL63	P532040	LX971
P169071	KC189	P172674	KX35	P532043	LX906
P172467	HX107	P172677	KC130	P532046	LX1098
P172500	OX217D	P172680	KX44	P532047	LX1102
P172501	OX3D	P172681	KX49	P532499	LX2528
P172502	OX218D	P172728	KC18	P532501	LX1774
P172503	OC26	P172881	HX58-DIR.	P536940	LX2527
P172504	OC18	P172882	HC76	P550035	OC114
P172505	OC324	P172885	HX52	P550041	OX69D
P172506	OC308	P172887	HX51D	P550043	KX92D
P172507	OC60	P172890	HX15	P550088	KC496D
P172508	OC319	P172894	HX53-DIR.	P550117	OX30D
P172512	OC304	P172899	HC83-TRANS.	P550170	OX85D
P172513	OX197D	P172900	HC85	P550226	OC248
P172517	HC84-TRANS.	P172907	OX219	P550315	OX137D
P172518	OC30	P172909	OX216	P550335	OC235
P172521	OC301	P172930	WFC2	P550342	OC267
P172522	OC114	P172931	WFC3	P550425	OC282(By Pass)
P172523	OC67	P172935	WFC1	P550448	KC437
P172526	OC23	P181088	LX236	P550453	OX168D
P172528	OX199D	P181137	LX271/2	P550490	OC403
P172531	OC122	P500185	LX1313/1	P550515	KC441
P172532	OX5D	P500929	LX236	P550519	OC403
P172536	OC300	P502058	OC1237	P550520	OC502
P172537	OX214D	P505932	KC94	P550529	KC251
P172538	OX200D	P505961	KC120	P550563	OX1025D
P172539	HC45	P505973	KX268D	P550628	KX182/1D
P172540	OC47	P505982	KC495D	P550632	KX67/2D
P172541	OC38	P506010	LX3713	P550639	OC1178
P172543	OX18D	P524738	LX971	P550653	KX182D
P172545	OX95D	P526086	LX972	P550665	KC186
P172546	OX215D	P527133	LX1055/1	P550750	OX198D
P172547	OX150D	P532001	LX974	P550761	OX174D
P172549	OX198D	P532002	LXS231	P550762	KX80D
P172550	OX71D	P532003	LXS43/1	P550766	OX150D
P172551	OX69D	P532004	LXS41/1	P550768	OX161/D
P172552	OX43D	P532008	LXS42/1	P550769	OX348D

DONALDSON	MAHLE	DONALDSON	MAHLE	DYNAPAC	MAHLE
P550794	<b>OC1239</b>	P779225	<b>OC35</b>	499374	<b>LX200</b>
P550797	<b>OX1044D</b>	P779328	<b>KX23</b>	499375	<b>LXS37/1</b>
P550881	<b>KC440</b>	P779329	<b>KX23</b>	499387	<b>LX265</b>
P550904	<b>KC214</b>	P779330	<b>KX24</b>	499474	<b>HX53-DIR.</b>
P550905	<b>OX1026D</b>	P779902	<b>OX198D</b>	499510	<b>LXS41/1</b>
P550938	<b>OX972D</b>	P779962	<b>OX47D</b>	499511	<b>LX236</b>
P550939	<b>OC204</b>	P779963	<b>OX95D</b>	499573	<b>OC308</b>
P550939	<b>OC23</b>	P780298	<b>LA952</b>	499574	<b>KX23</b>
P551026	<b>KC200</b>	P781465	<b>LX776</b>	7007007010000	<b>OC18</b>
P551067	<b>KC124</b>	P781465	<b>LX776/1</b>	71028	<b>OC324</b>
P551315	<b>KC134</b>	P781466	<b>AL12-DESUM.</b>	747284	<b>OC26</b>
P551329	<b>KC107</b>	P782396	<b>LX1281</b>	747305	<b>KX43</b>
P551523	<b>KC492</b>	P782857	<b>LX1587</b>	747384	<b>KC113</b>
P552020	<b>KX88/1D</b>	P782926	<b>LXS317</b>	752047	<b>KC114</b>
P552040	<b>KX89/2D</b>	P782936	<b>LX3593</b>	905412970013	<b>LX236</b>
P552096	<b>WFC26</b>	P783198	<b>LX335</b>	928656	<b>HC81</b>
P552849	<b>OC318</b>	P784457	<b>LX1313/1</b>		
P553000	<b>OC1176</b>	P784473	<b>LA43</b>		
P553000	<b>OC304</b>	P784971	<b>LA677</b>		
P553191	<b>OC403</b>	P785542	<b>LX814/1</b>	11843925	<b>OX197D</b>
P553871	<b>OC303</b>	P786611	<b>LA432</b>	136750	<b>OX198D</b>
P554004	<b>OC121</b>	P787450	<b>LA170</b>	158139	<b>OX218D</b>
P554770	<b>OC1241</b>	P787610	<b>LX712</b>	1845825	<b>OX85D</b>
P556064	<b>HX52</b>	P789247	<b>LA678</b>	1846725	<b>OX30D</b>
P556245	<b>KX23</b>	P821883	<b>LX3614</b>	2077094	<b>HX52</b>
P558792	<b>KX91</b>	P821938	<b>LX3616</b>	209604	<b>OC67</b>
P559111	<b>KC124</b>	P825673	<b>LX3604</b>	2654408	<b>OC38</b>
P559113	<b>KC124</b>	P951102	<b>LX3141</b>	26560017	<b>KX23</b>
P559118	<b>KC498D</b>	SMP181088	<b>LX236</b>	440054593	<b>LX200</b>
P606483	<b>LX3613</b>	SMP771507	<b>LX241</b>	4773115	<b>KX44</b>
P607351	<b>LX3618</b>	SMP771508	<b>LX241</b>	4773815	<b>KX43</b>
P612827	<b>LA83</b>	X770733	<b>UX1D</b>	4774715	<b>KX35</b>
P613333	<b>LX3620</b>	X770734	<b>UX2D</b>	69489	<b>LX241</b>
P614541	<b>LX1845</b>			70997040	<b>OX18D</b>
P616898	<b>LAK1002</b>	<b>DYNAPAC</b>		710040601	<b>LX902/1</b>
P617643	<b>LX3619</b>	1160025	<b>OC60</b>	71011902007	<b>OC114</b>
P618899	<b>LX1056</b>	136750	<b>OX198D</b>	7103092002	<b>KL222</b>
P618931	<b>LX3561</b>	14401B2260	<b>LXS42/1</b>	71050516	<b>OX200D</b>
P618932	<b>LXS315</b>	154709	<b>KC133</b>		
P761108	<b>HC96</b>	158139	<b>OX218D</b>	<b>EMBEP</b>	
P763995	<b>KC171</b>	1846725	<b>OX30D</b>	250000214	<b>HC81</b>
P770035	<b>LX93</b>	219517	<b>LX271/2</b>		
P771508	<b>LX227</b>	268937	<b>OX199D</b>	<b>ENGEAGRO</b>	
P771527	<b>LX3617</b>	29604D	<b>KX89/2D</b>	479981	<b>LX236</b>
P772579	<b>LX3604</b>	299080	<b>WFC1</b>	479982	<b>LXS41/1</b>
P776162	<b>OC1222</b>	300499270	<b>LX243</b>	5578029	<b>OC114</b>
P777868	<b>LX3605</b>	300499271	<b>OX197D</b>	71028	<b>OC324</b>
P778702	<b>LX3615</b>	3450947304	<b>LX227</b>	7111/296	<b>KX23</b>
P778779	<b>LX832/1</b>	4773115	<b>KX44</b>	7323958	<b>OC301</b>
P779010	<b>OX85D</b>	4774715	<b>KX35</b>	7500612	<b>KL222/KL63</b>
P779012	<b>OX85D</b>	480916	<b>KC24</b>	763214102	<b>HX15</b>
P779038	<b>OX85D</b>	499271	<b>OX85D</b>	79TU9601A	<b>LX975</b>
P779132	<b>KC4</b>	499361	<b>OX197D</b>	79TU9601B	<b>LX275</b>
P779143	<b>OC121</b>			79TU9R500A	<b>LXS231</b>





F CROSS	MAHLE	F CROSS	MAHLE	FEPA	MAHLE
FE860	LX975	FS2550	LXS43/1	PA2000	KX43
FE865	LX974	FS2560	LXS44/1	PA782	LX1100
FE880	LX272	FS2600	LXS227	PA789	LX1101
FE915/1	LX735	FSD965	KC130	PA791	LX972
FE917	LX414	G6/8	KL222	PA793	LX275
FE917/1	LX614	GA6/8	KL222/KL63	PA799	LX200
FE921	LX907	GF10	KL224	PA801	LX227
FE921/1	LX589	GF11	KL223	PA803	LX236
FE921/2	LX453	GF12	KL237	PA805	LX265
FE921/3	LX618	GF20	KL60	PA806	LX973
FE922	LX909	GF21	KL83	PA807	LX241
FE923	LX523	GF22	KL225	PA808	LX273
FE923/2	LX1315			PA809	LX970
FE924	LX962	<b>FAMEL</b>		PA815	LX93
FE925	LX687	F137	OC60	PA822	LX243
FE925/1	LX1312	F30	OC308		
FE926	LX908	F52	OC18	<b>FIAT</b>	
FE927	LX513	F80	OC122	05058693AA	LA569
FE928	LX1316	FC740	KX23	1312764080	LA123
FE928/1	LX964	FCS31	KC4	1484383080	LA1057
FE930	LX958/1	FCS50	KC113	1606100	KX23
FE950	LX17	FR1006	LXS44/1	1909113	KX43
FE990	LX64	FR862	LX236	1909137	OC35
FE991	LX906	FR865	LX271/2	1930174	LX3617
FE992	LX972	FR986	LXS41/1	1930587	LX3604
FE992/1	LXS226	P104385	LX1063	2165054	LX227
FE993	LX910	P109159	LX1101	2966261	HX15
FE994	LX1096			4180816	LX157
FE997	LX971	<b>FEPA</b>		42480759	LXS42/1
FE998	LX202	PA025	HX53-DIR.	43526370	KL222
FE999	LX961	PA1468	LX116	43569900	LX55
FH1020	HX15	PA1479	OX18D	44347921	HC45
FH1050	HX58-DIR.	PA1482	LX272	446275	OC23
FH1060	HX52	PA1488	LX1057	46403933	KL83
FL2030	OX18D	PA1489	LX902/1	46416684	KL238D
FL2040	OX215D	PA1490	LX208/1	46420988	LX908
FL2050	OX200D	PA1520	LXS41/1	46442422	LA56
FL2060	OX217D	PA1539	LX202	4659343	OX198D
FL2070	OX47D	PA1540	LX958/1	4671001	KC4
FL2110	OX214D	PA1541	LX900/1	46723245	LA144
FL2140/1	OX197D	PA1542	LX903/1	46723321	LA1031
FL2141/1	OX199D	PA1543	LX904/1	46723331	LA144
FL2160	OX75D	PA1544	OX197D	46723435	LA142
FL2200	OX43D	PA1552	LXS40/1	46751179	OC259
FL2220	OX5D	PA1553	LXS5/1	46751179	OC600
FL2300	OX95D	PA1570	LX157	4681588	LX618
FL2310	OX150D	PA1571	LX55	46817415	LX1770
FL2320	OX98D	PA1572	LX64	4776902	LX265
FL2330	OX69D	PA1583	LXS37/1	50015864	KL239/1
FL2340	OX71D	PA1598	LX905/1	504091563	OC1222
FS2510	LXS5/1	PA1608	LXS42/1	51720700	KL582(Plus)
FS2520	LXS41/1	PA1614	LX969	51773404	LX3702
FS2530	LXS37/1	PA1615	LXS225	51806073	KL582(Plus)
FS2540	LXS42/1				



FIAT	MAHLE	FIAT	MAHLE	FILESP	
51818268	LX3702	76192505	KC107	F101/1	KL222
51836363	LA633	7712505	LX589	FC1500	KX43
51836363	LAK633	77229360	LX907	FC1510	KX44
51854598	LX3115	77362340	KX208D	FC1520	KX25
51857956	LX3355	77365902	KX208D	FC1550	KX23
55184249	LX3701	77366065	LA1031	FC1580	KX35
55191606	LX908	7738709	LX961	FE300	LX903/1
55199859	LX2644	8107486	KC186	FE310	LX904/1
55199862	LX2644	8107716	KC186	FE320	LX963
55204946	LX2643	8827279	KC518	FE330	LX902/1
55208286	LX2643	9293140	LX200	FE340	LX208/1
55231651	OX175D	9936981	KC18	FE350	LX157
592602	OC67	K04892339AA	OC1239	FE370	LX1065
5983899	LX478/1			FE390	LX900/1
5984044	OC66	<b>FIAT ALLIS</b>		FE410	LX905/1
61142392	KC113	11843925	OX197D	FE430	LX200
671160	OC60	173171	OC18	FE440	LX265
70112217	OX85D	230578	OC67	FE480	LX236
7075753	OC23	3318853	OC304	FE520	LX973
7077667	LX453	4029089	WFC1	FE550	LX116
7078711	LA499	4290940	LX2959	FE552	LX1101
7079682	LA601	456005	KC24	FE553	LX1100
7082141	LX908	456014	KX43	FE570	LX275
7082301	LA422	4667755	OC35	FE580	LX243
7082928	LA422	4671001	KC4	FE640	LX227
7082928	LAK422	59792	OX5D	FE810	LX241
7083265	OC90	631936	OX214D	FE820	LX273
7086604	LA612	658126	OX218D	FE830	LX271/2
7086604	LAK612	6664213	HX52	FH1020	HX15
7087808	OX175D	70697633	KC133	FH1040	HX54
7110101	KC518	710040601	LX902/1	FL2010	OX85D
7110301	KC24	7150515	KX23	FL2020	OX218D
7111675	KC518	7150516	OX200D	FL2030	OX18D
7121530	LX273	7150777016	HX51D	FL2040	OX215D
7122735	KC518	7150850015	LX972	FL2050	OX200D
7122738	KX44	75203441	LX243	FL2060	OX217D
7126157	LX271/2	75203957	OX197D	FL2070	OX47D
7146716	KC122	75204063	LX275	FL2110	OX214D
7146717	KC122	75204064	LXS5/1	FL2140	OX197D
7147701	KC125	75208274	KC107	FL2160	OX75D
71713782	OC248	75208314	OC319	FS2500	LXS40/1
71718765	OC248	75209264	OX30D	FS2510	LXS5/1
71736122	LX453	75209266	OX85D	FS2520	LXS41/1
71739634	OC248	75215485	OX199D	FS2530	LXS37/1
71749828	OC613	75237242	KL222	FS2540	LXS42/1
71753740	OC248	75285484	OC26	FS2550	LXS43/1
73042912	HX52	75285999	OC304	PL2000	OX30D
73500049	OX827D	8320220	OC60		
75026230	KL222/KL63	8320221	KX44	<b>FILTREX</b>	
75136240	LXS40/1	8321421	LX265	A211	OX95D
7528122	LX961	91540	OX198D	A220/A	OX69D
7571569	OC248	9455080100	KX35	A220/B	OX71D
759951	OX217D				
7604091	LX453				



FLEETGUARD	MAHLE	FLEETGUARD	MAHLE	FLEETGUARD	MAHLE
AF243	LXS43/1	AF26178	LX3613	FF147	KX36
AF25007	LX1055/1	AF26242	LX1313/1	FF149	KL222
AF25021	LX905/1	AF26296	LX626	FF167A	KX23
AF25057	LX3617	AF26375	LX1845	FF185	KC114
AF25064	LX265	AF26438	LXS315	FF200	KC107
AF25065	LX227	AF26462	LAK1002	FF214	KC18
AF25075	LX910	AF26543	LX3713	FF226	KC518
AF25076	LX1057	AF26582	LX3715	FF254	KC300
AF25078	LX974	AF27692	LA702	FF4033	KX44
AF25083	LX969	AF27817	AL12-DESUM.	FF4052A	KX24
AF25086	LXS227	AF27834	LX3141	FF4141	KX43
AF25111M	LX2528	AF27852	LX3561	FF5018	KC113
AF25201	LX907	AF27940	LX3534	FF5039	KC4
AF25202	LX208/1	AF335M	LX1101	FF5052	KC24
AF25203	LX958/1	AF335M	LX902/1	FF5053	KX49
AF25204	LX900/1	AF336M	LX902/1	FF5054	KX44
AF25205	LX904/1	AF338	LX1063	FF5074	KC24
AF25206	LX906	AF343	LX1062	FF5079	KL796
AF25207	LX64	AF344M	LX116	FF5135	KC18
AF25208	LX902/1	AF4040	LX265	FF5156	KC18
AF25209	LX55	AF4058	LX236	FF5289	KL870
AF25235	LX626	AF4060	LX271/2	FF5297	KC94
AF25238	LX832/1	AF4066	LX272	FF5380	KX67/2D
AF25302	LX3618	AF4067	LX200	FF5405	KX80D
AF25342	LX3615	AF409K	LX17	FF5421	KC440
AF25371	LX2713	AF410	LX905/1	FF5458	KC437
AF25384	LX3614	AF4135	LX275	FF5471	KC171
AF25414	LX3616	AF4149	LX970	FF5485	KC440
AF25454	LX3605	AF4521	LXS40/1	FF5507	KC251
AF25524	LX2527	AF4522	LXS5/1	FF5619	KL100/2
AF25526	LX3604	AF4523	LXS44/1	FF5626	KC441
AF25627	LX3605	AF4534	LX972	FF5647	KL174
AF25631	LX1587	AF4560	LX1098	FF5683	KX182/1D
AF25632	LX1281	AF4631	LX450	FF5684	KX182D
AF25653	LX776	AF471	LXS299	FF5709	KC8
AF25653	LX776/1	AF4720	LX93	FF5764	KX268D
AF25695	LA43	AF4772	LX971	FS1207	KX89/2D
AF25700	LX3261	AF4878	LX1092	FS1234	KC496D
AF25701	LXS298	AF4916	LX335	FS1242	KC118
AF25708M	LX3620	AF4957	LX59	FS1242	KC120
AF25829	LA432	AF55716	LA907	FS1251	KC166
AF25829	LA650	AF55732	LX3259	FS1254	KC186
AF25849	LX3011	AF829	LX17	FS1280	KC107
AF25894	LX3593	AF844	LXS231	FS1286	KX88/1D
AF25896	LXS317	AF846	LX975	FS19532	KC124
AF25956	LA83	AF874	LX1100	FS19594	KC189
AF25997	LX1056	AF875M	LX1100	FS19735	KC495D
AF26119	LA610	AF970	LX241	FS19821	KC214
AF26124	LX3619	AF971	LX227	FS19855	KX447D
AF26125	LX3619	FF105D	KC133	FS19914	KC200
AF26144	LA677	FF108	KX92D	FS19920	KC498D
AF26146	LA170	FF116	KX91	FS19932	KC124
AF26165	LX814/1	FF144	KX25	FS19996	KC119
AF26174	LA678	FF146	KX35	HF6097	OX216

FLEETGUARD	MAHLE	FLEETGUARD	MAHLE	FORD	
HF6098	<b>HX52</b>	LF3605	<b>OX150D</b>	1004051	<b>LA77</b>
HF6162	<b>HX15</b>	LF3648	<b>OX199D</b>	1119613	<b>LA25</b>
HF6168	<b>HC76</b>	LF3654	<b>OC282(By Pass)</b>	1132631	<b>KL446</b>
HF6177	<b>HC4</b>	LF3658	<b>OX85D</b>	1137026	<b>KL446</b>
HF6188	<b>HC76</b>	LF3667	<b>OC317</b>	1218846	<b>OC466</b>
HF6195	<b>HX54</b>	LF3668	<b>OC90</b>	1230645	<b>KL446</b>
HF6201	<b>OX219</b>	LF3670	<b>OX214D</b>	12355851	<b>OX188D</b>
HF6205	<b>OC175</b>	LF3673	<b>OC301</b>	12370	<b>OX214D</b>
HF6555	<b>HC104</b>	LF3730	<b>OC403</b>	1250507	<b>OC466</b>
HF6711	<b>HC85</b>	LF3758	<b>OC204</b>	1354962	<b>LA642</b>
HF7535	<b>HC96</b>	LF3769	<b>OX1025D</b>	1423477	<b>KX23</b>
HF7545	<b>HX50</b>	LF3827	<b>OX161/D</b>	1480561	<b>KL446</b>
HF7546	<b>HX54</b>	LF3829	<b>OX168D</b>	1498016	<b>HC45</b>
HF7964	<b>HX107</b>	LF3830	<b>OC1062</b>	1498021	<b>OC18</b>
LF16015	<b>OC502</b>	LF3857	<b>OC1237</b>	1498429	<b>LX157</b>
LF16043	<b>OX972D</b>	LF3914	<b>OX174D</b>	1532171	<b>KL446</b>
LF16046	<b>OX348D</b>	LF3977	<b>OC1178</b>	1556564	<b>OX198D</b>
LF16231	<b>OX1044D</b>	LF3997	<b>OX980D3</b>	1583371	<b>KX24</b>
LF16242	<b>OC1239</b>	LF4017	<b>OC30</b>	16N60019B	<b>LA908</b>
LF16351	<b>OX1026D</b>	LF4054	<b>OC60</b>	1715763	<b>KX25</b>
LF17472	<b>OC613</b>	LF4056	<b>OC26</b>	1720719	<b>LX3680</b>
LF17480	<b>OX210D</b>	LF4112	<b>OC40</b>	1794446	<b>OC67</b>
LF17497	<b>OC1222</b>	LF509N	<b>OX5D</b>	1C15-9601-AE	<b>LX935</b>
LF3000	<b>OC304</b>	LF510	<b>OX85D</b>	1C15-9601-AF	<b>LX935</b>
LF3311	<b>OC18</b>	LF516	<b>OX218D</b>	1S419155AC	<b>KL446</b>
LF3313	<b>OC67</b>	LF519	<b>OX217D</b>	1S7H16N619AC	<b>LA25</b>
LF3320	<b>OX71D</b>	LF551A	<b>OC67</b>	1S7J6744BA	<b>OX979D</b>
LF3321	<b>OC121</b>	LF553	<b>OX215D</b>	1S7Z6744AC	<b>OX979D</b>
LF3322	<b>OX197D</b>	LF558	<b>OX3D</b>	1S7Z6885AA	<b>OX979D</b>
LF3327	<b>OX69D</b>	LF596	<b>OX18D</b>	271296201	<b>LX906</b>
LF3339	<b>OC67</b>	LF598	<b>OX200D</b>	2C459E673AA	<b>LXS296</b>
LF3345	<b>OC320</b>	LF599	<b>OX200D</b>	2DR1271774	<b>KC18</b>
LF3346	<b>OC35</b>	LF601	<b>OX213</b>	2S65-9155-AA	<b>KL420</b>
LF3349	<b>OC320</b>	LF653	<b>OC114</b>	2S6H16N619AA	<b>LA169</b>
LF3350	<b>OX75D</b>	LF670	<b>OC531</b>	2TD127491	<b>KC118</b>
LF3355	<b>OX95D</b>	LF689	<b>OC23</b>	3052612752	<b>KL222</b>
LF3358	<b>OX85D</b>	LF691	<b>OC122</b>	315299	<b>OX18D</b>
LF3360	<b>OC334</b>	LF691A	<b>OC122</b>	3318157	<b>WFC2</b>
LF3361	<b>OC205</b>	LF699	<b>OC308</b>	3903410	<b>KC107</b>
LF3376	<b>OC18</b>	LF700	<b>OC38</b>	3908616	<b>OC320</b>
LF3378	<b>OC18</b>	LF701	<b>OC324</b>	3912256	<b>HC76</b>
LF3391	<b>OX30D</b>	LF734	<b>OC319</b>	3S719155BA	<b>KL446</b>
LF3400	<b>OC23</b>	LF750A	<b>OX198D</b>	3S7Z6731A	<b>OX979D</b>
LF3443	<b>OC302</b>	LF779	<b>OX47D</b>	4442434	<b>KL446</b>
LF3455	<b>OC35</b>	LF785	<b>HC45</b>	45465	<b>OC300</b>
LF3460	<b>OC235</b>	LF785	<b>OC1241</b>	466138	<b>KX43</b>
LF3468	<b>HC83-TRANS.</b>	LF798	<b>OC318</b>	466139	<b>OX199D</b>
LF3481	<b>OC248</b>	WF2010	<b>WFC1</b>	467137	<b>LX243</b>
LF3529	<b>OX5D</b>	WF2070	<b>WFC2</b>	467138	<b>LXS37/1</b>
LF3570	<b>OC303</b>	WF2071	<b>WFC1</b>	479981	<b>LX236</b>
LF3573	<b>OX137D</b>	WF2072	<b>WFC4</b>	479982	<b>LXS41/1</b>
LF3573	<b>OX95D</b>	WF2073	<b>WFC1</b>	4C452A131AA	<b>AL12-DESUM.</b>
LF3574	<b>OC300</b>	WF2075	<b>WFC3</b>	4C459C340BA	<b>KC120</b>
LF3594	<b>OC267</b>	WF2096	<b>WFC26</b>		

FORD	MAHLE	FORD	MAHLE	FORD	MAHLE
4C459N074AA	<b>KC120</b>	84AU6714C	<b>OC300</b>	BG6T6731AA	<b>OC502</b>
4M5J19G244AA3M	<b>LA642</b>	854U9601	<b>LX972</b>	BG6X9601AA	<b>LX1716</b>
4S7J6744AA	<b>OX979D</b>	85HU9155A	<b>KC130</b>	BG8T6731AA	<b>OC1055</b>
5000677	<b>OX47D</b>	85HU9155CA	<b>KC119</b>	BG9X9601CA	<b>LX910</b>
5000679	<b>OX85D</b>	85TU9601A	<b>LX974</b>	C7NN3N5388B	<b>HX58-DIR.</b>
5000842	<b>OX217D</b>	85TU9B064C	<b>KC131</b>	CN15-9601-AB	<b>LX2867</b>
5000859	<b>OC60</b>	86AU9601BA	<b>LX202</b>	D8NN9R500BA	<b>LXS225</b>
5000861	<b>OC26</b>	87HU9601AA	<b>LX971</b>	D9NN9601AA	<b>LX969</b>
5000885	<b>OX30D</b>	87HU9R500AA	<b>LXS226</b>	DG9Z-19N619-A	<b>LA924</b>
5001102	<b>LX208/1</b>	9155AA	<b>KL224</b>	DONN6714A	<b>OC334</b>
5003460	<b>OC47</b>	91FF9601AA	<b>LX435</b>	E5HN6714CB	<b>OC40</b>
5004264	<b>LX272</b>	91TU9601AA	<b>LX910</b>	E5HT9155CA	<b>KC119</b>
5004780	<b>KC113</b>	93BW16N619AB	<b>LA25</b>	E6AZ9601B	<b>LX2645</b>
5004783	<b>KX35</b>	9575317	<b>OC302</b>	E7HN9N327AA	<b>KC24</b>
5004785	<b>KX44</b>	95HU9600AA	<b>LX971</b>	E9NN9B618BA	<b>LX3618</b>
5009285	<b>OC90</b>	96FB9601BA	<b>LX687</b>	F3HZ9162A	<b>KC107</b>
5011338	<b>LX273</b>	96FW16N619AB	<b>LA77</b>	F4FF-9155-AB	<b>KL223/1</b>
5011426	<b>OX69D</b>	97BF9601AA	<b>LX687</b>	F77Z9601AAA	<b>LX1095</b>
5011882	<b>LX273</b>	97KB9601AB	<b>LX962</b>	LS419155AC	<b>KL446</b>
542261275	<b>KL222/KL63</b>	97MM/6714/A1/A	<b>OC235</b>	N1U-9601-AE	<b>LX1589</b>
5562953	<b>LX963</b>	98BF9601BA	<b>LX687</b>	TJG115561	<b>OC304</b>
5L55-9601-AA	<b>LX2124</b>	98FU-9155-AA	<b>KL224/1</b>	TJG129620	<b>LX971</b>
5M3518D543AA	<b>LA77</b>	98FU9601BA	<b>LX687</b>	WD5T9601A	<b>LX1065</b>
5M35-18D543-AB	<b>LA906</b>	9N159601AA	<b>LX3687</b>	X99R9601A	<b>LX2646</b>
5S65-9155-AA	<b>KL420</b>	A830X9601BEA	<b>LX273</b>	XS4H16N619AB	<b>LA78</b>
6085506	<b>LX64</b>	A830X9601DHA	<b>LX273</b>	XS5X9601DA	<b>LX1312</b>
6E5Z-9601-EA	<b>LX2642</b>	A92FX9601CA	<b>LA77</b>	XS6E6714D1A	<b>OC266</b>
6E5Z-9601-GA	<b>LX2818</b>	AA5Z6714A	<b>OC1240</b>	ZBU261275F	<b>KL222</b>
70023	<b>LX973</b>	AA6E6714AA	<b>OC235</b>		
71016	<b>OX200D</b>	AB39-19N619-AA	<b>LA833</b>	<b>FRESINBRA</b>	
71028	<b>OC324</b>	AB399601AB	<b>LX3680</b>	CA847161	<b>OC18</b>
71029	<b>OC308</b>	AB3J9601AB	<b>LX3680</b>	JB030551	<b>LX275</b>
71180	<b>OX169/1D</b>	AE5Z-19N619-A	<b>LA752</b>		
71185	<b>OC1055</b>	AV61-9601-AD	<b>LX1780/3</b>	<b>GADNER DENVER</b>	
7180932	<b>LA25</b>	AV6N19G244AA	<b>LA1100</b>	136750	<b>OX198D</b>
72136	<b>KL425</b>	BD8T9601D	<b>LX236</b>	156172	<b>KC133</b>
75DU9601B	<b>LX905/1</b>	BE1C9E673A	<b>LXS5/1</b>	158139	<b>OX218D</b>
7632141102	<b>HX15</b>	BE8Z-19N619-A	<b>LA785</b>	1P2299	<b>KC114</b>
76TU9601A	<b>LX200</b>	BE8Z-9601-A	<b>LX3304</b>	2008219	<b>OC18</b>
76TU9E673A	<b>LXS40/1</b>	BF5T9155AB	<b>KC107</b>	26450153	<b>OX200D</b>
77TU9601A	<b>LX265</b>	BF5T9155BA	<b>KL41</b>	26560017	<b>KX23</b>
77TU9601B	<b>LX227</b>	BF6T9601AA	<b>LX910</b>	2991920	<b>LX236</b>
77TU9601D	<b>LX236</b>	BF8T855AA	<b>KC121</b>	2994206	<b>LX271/2</b>
79TU9601A	<b>LX975</b>	BF8X9155AA	<b>KC122</b>	2994219	<b>LXS41/1</b>
79TU9601B	<b>LX275</b>	BF9T9601AA	<b>LX1096</b>	2P4004	<b>OC121</b>
79TU9R500A	<b>LXS231</b>	BF9T9R500AA	<b>LXS229</b>	5S484	<b>OX3D</b>
7C469601AA	<b>LX3605</b>	BG 5T 9W 15 5AA	<b>KL425</b>	71029	<b>OC308</b>
7M51-9601-AC	<b>LX1780/3</b>	BG1T9155CA	<b>KL761</b>		
7N159601AA	<b>LX998</b>	BG1X9601AA	<b>LX2533</b>	<b>GM</b>	
7STG6714AA	<b>OC235</b>	BG1X9E673BA	<b>LXS260</b>	1097012	<b>OX85D</b>
7T4Z19N619B	<b>LA908</b>	BG2X6731CA	<b>OC1176</b>	12605566	<b>OX974D</b>
7T4Z-9601-A	<b>LX3490</b>	BG3T9155AA	<b>KL761</b>	13271190	<b>LA472</b>
824846	<b>LXS42/1</b>	BG5X6731AA	<b>OC502</b>	13271191	<b>LA472</b>
83AU6714B	<b>OC23</b>	BG5X9155AA	<b>KC440</b>		

GM	MAHLE	GM	MAHLE	GM	MAHLE
13272720	LX3489	7333162	OC317	93312682	KL224/1
1530811	KX25	7500612	KL222/KL63	93312933	OC728
15696245	LX1092	7965458	KX35	93316245	KL582(Plus)
1718044	LAK11	7984781	KX24	93342367	OC404
1808600	LA11	7984943	OX69D	93344588	LA11
1808604	LA21	834283	LX3705	93347472	LA189
1808606	LA49	88915438	KC107	93380939	TB1208
1808607	LA49	89002392	KC107	94360427	OC1237
1808617	LAK117	89017524	OC1239	94603894	LX236
1808624	LAK117	90144675	OC90	94603895	LXS41/1
20901295	LA646	901940011	LX3705	94613437	LXS37/1
2333078	OX198D	90322262	LX414	94621224	LX236
2381012	HX54	90386776	LA21	94621833	LX958/1
25062055	LX448	90411732	LX523	94632619	OC90
25062234	LX414	90421742	LX414	94707151	KL747
25098459	LX964	90464424	LA49	94757663	LX3544
25098463	LX964	90499582	LX614	94771925	LX3679
25160729	KL83	90509367	LA21	94840078	OC534
30025009	LX862	90512444	LX614	96950990	LX3488
49603895	LX200	90512446	LX614	98139428	LA909
52046262	LX3679	90512779	LA49	9975291	OX69D
52091572	LA909	90535131	LA117	MV054004	KC127
52255325	KL2	90535132	LAK117	MW054001	KC122
52484324	LA75	90541322	LX523		
5572600	OX5D	90559549	LA74		
5573185	OX218D	91175057	LA654/S	<b>GMC</b>	
5574382	OC67	9121625	LAK11	1#93277239	LX1316
5574589	OX217D	9196120	LX999	93297277	KC124
5577618	OC18	9307806	OX30D		
5577968	OX47D	9307810	OC23	<b>GURGEL</b>	
5578029	OC114	9307811	OC300	102030	LX272
5651090	KL222	9307813	OC47	115161	OC47
635776	KX23	9307815	KC24	127001	KL222
6421538	LX116	9307821	OX200D	3080947004	LX200
6423137	LX1063	9307827	LX1065	401296194	LX904/1
6424409	LX1062	9307829	LX963	56129620	LX208/1
6435087	OX18D	9307831	LX157		
6435477	KX36	9307832	LX903/1	<b>HAM</b>	
6436205	HX52	9307840	LX904/1	01292404	KC200
6436241	KC133	9307841	LX208/1		
6438403	OX3D	9307843	LX973	<b>HARLEY DAVID- SON</b>	
6438513	OC30	9307846	LX265	6378172R	OC1021
6438919	WFC1	9307847	LX241	6379677	OC1021
6439392	OC121	9307856	LX271/2	6380580A	OC1021
6439658	OC122	9307873	KX43	6380683	OC1021
6439681	OC308	9307874	KX44		
6484653	LX905/1	93156631	OC299		
6488324	LX975	93185674	OX1018D	<b>HAUPHT</b>	
6488360	LXS232	93205932	OC332	VE3885	WFC1
6488362	LX1100	93253652	LA21		
71028	OC324	93260511	LX1315	<b>HDA</b>	
7232958	OC301	93285300	LA11	011109/011139	HX51D
7317390	OX215D	93297277	KC124	11002	HC84-TRANS.
7323589	LX902/1	93306364	KL582(Plus)		



HDA	MAHLE	HENGST	MAHLE	HENGST	MAHLE
11008	<b>HX57D</b>	E210HD228	<b>OX1041D</b>	E571L	<b>LX3604</b>
O11002	<b>HC76</b>	E218LS	<b>LXS287</b>	E57KPD73	<b>KX182/1D</b>
<b>HENGST</b>		E235L	<b>LX307</b>	E580LS	<b>LXS7233</b>
D21E142H	<b>OX133D</b>	E243HD13	<b>OX75D</b>	E5KFR2D12	<b>KX49</b>
E1006L	<b>LX712</b>	E249L	<b>LX614</b>	E5KFR3D201	<b>KX43</b>
E1009L	<b>LX1070</b>	E24HD80	<b>OX169/1D</b>	E603L	<b>LX1313/1</b>
E100UD160	<b>UX2D</b>	E251HD11	<b>OX69D</b>	E606L	<b>LX957/3</b>
E1010L	<b>LX1780/3</b>	E270L	<b>LX626</b>	E60HD110	<b>OX827D</b>
E1013L	<b>LX3534</b>	E28HD174	<b>HX77</b>	E61HD215	<b>OX1040D</b>
E101UD178	<b>UX1D</b>	E2905LI	<b>LA1032</b>	E62KPD91	<b>KX446D</b>
E1024L	<b>LX3141</b>	E2909LI	<b>LA1001</b>	E630H02D103	<b>OX974D</b>
E1024LS	<b>LXS319</b>	E2915LC	<b>LA1042</b>	E631L01	<b>LX2620</b>
E1028L	<b>LX2621</b>	E2915LI	<b>LA1041</b>	E64HD96	<b>OX210D</b>
E102HD156	<b>OX1039D</b>	E2916LC	<b>LAK1002</b>	E678L	<b>LX3715</b>
E1033L	<b>LX3581</b>	E2920LI	<b>LA817/S</b>	E681L	<b>LX2082/1</b>
E103HD159	<b>OX197D</b>	E2925LI	<b>LA301</b>	E688L	<b>LX1048</b>
E10H02	<b>HX15</b>	E2947LI	<b>LA1056</b>	E68KP01D73	<b>KX182D</b>
E114L	<b>LX236</b>	E2949LI	<b>LA1039</b>	E697L	<b>LX1765</b>
E115HD208	<b>OX388D</b>	E2953LI	<b>LA439</b>	E719L	<b>LX1313/1</b>
E118L	<b>LX273</b>	E2957LI	<b>LA682</b>	E719LS	<b>LXS312</b>
E11HD57	<b>OX980D3</b>	E2960LI	<b>LA702</b>	E71HD141	<b>OX1044D</b>
E134HD06	<b>OX150D</b>	E2962LI	<b>LA472</b>	E736L	<b>LX1777</b>
E146HD108	<b>OX1046D</b>	E2967LI-2	<b>LA1099/S</b>	E736LS	<b>LXS7229</b>
E1600LS	<b>LXS295</b>	E2977LI	<b>LA428/S</b>	E762L	<b>LX848</b>
E160H01D28	<b>OX161/D</b>	E29HD89	<b>OX166/1D</b>	E77H	<b>OX219</b>
E160L	<b>LX414</b>	E301L	<b>LX684</b>	E802L	<b>LX1093</b>
E161H01D28	<b>OX174D</b>	E316L	<b>LX832/1</b>	E804L	<b>LX971</b>
E172HD35	<b>OX1025D</b>	E31HD93	<b>OX175D</b>	E805L	<b>LX1056</b>
E174HD11	<b>OX71D</b>	E328L	<b>LX611</b>	E812L	<b>LX687</b>
E175HD129	<b>OX348D</b>	E32HD184	<b>OX1047D</b>	E821L	<b>LX1845</b>
E175L	<b>LX405</b>	E338L	<b>LX572</b>	E831L	<b>LX3780</b>
E17HD57	<b>OX179D</b>	E353L	<b>LX3723</b>	E83KP01D140	<b>KX208D</b>
E1908LI	<b>LA170</b>	E361L	<b>LX776</b>	E83KPD140	<b>KX208D</b>
E1910LI	<b>LA907</b>	E361L	<b>LX776/1</b>	E895L	<b>LX3703</b>
E1911LI	<b>LA138</b>	E38HD106	<b>OX1027D</b>	E900LC	<b>LAK31</b>
E1912LC	<b>LAK98</b>	E3905LE	<b>LA1100</b>	E900LC	<b>LAK63</b>
E1915LI	<b>LA184</b>	E394L	<b>LX962</b>	E900LI	<b>LA31</b>
E1916LI	<b>LA1035</b>	E39HD119	<b>HX40</b>	E901LC	<b>LAK11</b>
E1918LI	<b>LA1058</b>	E416HD86	<b>OX1026D</b>	E901LI	<b>LA11</b>
E1929LI	<b>LA1031</b>	E420L	<b>LX1281</b>	E902LI	<b>LA21</b>
E1943LC	<b>LAK62</b>	E420LS	<b>LXS282</b>	E904LI	<b>LA49</b>
E1944LI	<b>LA1030/S</b>	E428L01	<b>LX3593</b>	E905LC	<b>LAK45</b>
E1947LI	<b>LA56</b>	E428LS	<b>LXS317</b>	E907LI	<b>LA25</b>
E1962LC	<b>LAK422</b>	E434L	<b>LX3986</b>	E908LI	<b>LA77</b>
E1963LI	<b>LA1057</b>	E436L01	<b>LX1048</b>	E90KPD164	<b>KX218D</b>
E197HD06	<b>OX137D</b>	E44HD110	<b>OX339/2D ECO</b>	E912LI	<b>LA83</b>
E1982LI	<b>LA676</b>	E455L01-2	<b>LX804/S</b>	E913LC	<b>LAK81</b>
E1996LI	<b>LA1059</b>	E485L	<b>LX1287</b>	E914LI	<b>LA37</b>
E1998LC	<b>LAK1003</b>	E496L01	<b>LX1587</b>	E915LC	<b>LAK58</b>
E203HD67	<b>OX1045D</b>	E497L	<b>LX814/1</b>	E921LC	<b>LAK44</b>
E209L	<b>LX335</b>	E500HD129	<b>OX168D</b>	E921LI	<b>LX1821</b>
E20HD79	<b>OX979D</b>	E500KP02D36	<b>KX80D</b>	E933LI	<b>LA677</b>
		E500KPD36	<b>KX80D</b>	E934LI	<b>LA56</b>
		E52KPD36	<b>KX67/2D</b>	E935LI	<b>LA82</b>

HENGST	MAHLE	HENGST	MAHLE	HONDA	
E936LC	LAK46	H233WK	KC127	08R79S5AD0	LA122/S
E939LI	LA1049	H24W05	HC96	15010MW0000	OC1019
E940LI	LA8	H24W06	OC1237	15142HM5A10	OX410D
E941LI	LA78	H28WF	WFC26	15142KFO000	OX410D
E942LI	LA47/S	H300W03	OC304	15400-PLM-A01	OC259
E951LI	LA32	H300W07	OC1176	15400-PLM-A01	OC600
E953LI	LA123	H300WD01	OC530	15400PR3004	OC115
E956LI01	LA432	H315WK	KL140	16010S01A32	KL185
E95LI01	LA650	H328WK	KC498D	16900671003	KL222
E962LI	LA87	H329WK	KC120	16900SNZM51	KL635
E968LI	LA25	H330WK	KL490/1D	16900TJ0M51	KL582(Plus)
E972LC	LAK117	H333WK	KC492	16900TJ0M510	KL582(Plus)
E977LI	LA1034	H33WF	WFC2	16900TJOM510M1	KL582(Plus)
E978LI	LA153	H700WK	KC495D	16910-KRE-B000-M1	KL740
E979LI	LA609	H701WK	KC200	16910-KVS-611	KL741
E980LI	LA678	H702WK	KC501D	16910-KVS-6110-M1	KL741
E982LI	LA43	H703WK	KC496D	17211KPE7300	LX3107
E990LI02	LA1033	H705WK	KC125/1	17211KRE850	LX3109
H10W17	OC23	H706WK	KC500D	17211KSS900	LX3106
H10W22	OC204	H7090WK30	KC124	17213KGA901	LX3108
H11W02	OC318	H7091WK30D199	KC498D	17213KPF850	LX3111
H12W08	OC1222	H70WK09	KC186	17220P07000	LX848
H14W27	OC1241	H70WK11	KL100/2	17220P1KE00	LX848
H14W32	OC235	H7118WK10	KC126	17220-PLC-000	LX1689
H152WK	KC171	H90W27	OC235	17220-PWC-000	LX1993
H167WK	KL174	H90W27	OC466	17220R1AA01	LX3712
H17W02	KC189	H90W29	OC1236	17220-RB6-Z00	LX3697
H17W29	OC613	H96W	OC239	17220-RNA-A00	LX1645
H17WK04	KC94	H96W03	OC1062	17220-RND-M00	LX1645
H17WK06	KC107	H97W	OC303	17220RZPG00	LX3007
H17WK10	KC8	H97W07	OC534	79831S04003	LA82
H17WK11	KC441	H97W12	OC475	79831ST3E01	LA82
H18W01	OC60	T250W	AL12-DESUM.	79831ST3EC1	LA82
H18W10	HC104	T280W	AL24-DESUM.	80192-SDG-W01	LA344
H18W11	HC102	TH160WK	KC182	80291-SEL-Y01	LA668
H18W11	HC112			80291-TF0-U010M1	LA607
H18WK03	KC75			80292-SDC-505HE	LA344
H18WK05	KC440			80292TR8M01	LA344
H192WK	KL446				
H19W10	OC502				
H200W01	OC121				
H200W02	OC403				
H200WDK	KC251				
H200WDK01	KC300				
H200WN	OC282(By Pass)				
H206W	OC275				
H209W	OC274				
H210WN	OC248				
H213W	HC4				
H213W	HC99				
H215WK	KC214				
H220WN	OC267				
H221W	OC704				
H230W	OC1178				
		<b>HITACHI</b>		<b>HOOS</b>	
		4283861	LX3614	3080947004	LX200
		4286128	LX3616	3431847225	OX199D
		4290940	LX2959	3444777215	KX43
		761078292	KC107	905411880009	OC26
		86504145	LX3714		
		AT308575	LX3605		
		L4466269	LX3605		
		<b>HOLMAN</b>		<b>HOOS VOEGELE</b>	
		156172	KC133	10947504	LX243
		2654403	OC324	136750	OX198D
		299080	WFC1	158139	OX218D
		5573102	OX5D	1845825	OX85D
		70997040	OX18D	26560017	KX23
		9150	KX23	4774715	KX35

<b>HOOS VOEGELE</b>	<b>MAHLE</b>	<b>HYUNDAI</b>	<b>MAHLE</b>	<b>INGERSOLL RAND</b>	<b>MAHLE</b>
4774715	<b>KX35</b>	971332E260	<b>LA608</b>	40250	<b>OX85D</b>
		971332E900	<b>LA444/S</b>	52108040	<b>KC107</b>
<b>HYSTER</b>		971332G000	<b>LA886</b>	58194234	<b>OX198D</b>
124217	<b>KX23</b>	971332H001	<b>LA955</b>	5S485	<b>OX217D</b>
127644	<b>OC114</b>	97133-2L000	<b>LA648</b>	645881	<b>OC67</b>
1315621	<b>HC110</b>	971333J100	<b>LA643</b>	85401339	<b>LX3605</b>
1462439	<b>LX3604</b>	971B32B005	<b>LA1048</b>	92035948	<b>LX273</b>
169741	<b>OC67</b>	F178AG7AA01	<b>LA648</b>	92092196	<b>OC308</b>
234849	<b>OX5D</b>	F784EB9AA	<b>LA819</b>	92118678	<b>OC60</b>
251755	<b>OC308</b>				
259025	<b>OC38</b>	<b>IDEAL</b>		<b>INPECA</b>	
259264	<b>OC324</b>	11843925	<b>OX197D</b>	BO561	<b>HC45</b>
5021	<b>OX85D</b>	228468	<b>HX51D</b>	CA4259	<b>LX55</b>
56952	<b>OX18D</b>	850009990140	<b>HC76</b>	J01G	<b>KL222</b>
7111796	<b>KX24</b>	905411420003	<b>KX43</b>	J05E	<b>KL222/KL63</b>
7323958	<b>OC301</b>	905411420083	<b>KX23</b>	J101E	<b>OX198D</b>
75658	<b>OX217D</b>	905411880008	<b>OC60</b>	J1026E	<b>LX1065</b>
802874	<b>LX275</b>	905411880009	<b>OC26</b>	J1038E	<b>LX227</b>
804990	<b>OX214D</b>	905412970013	<b>LX236</b>	J1260F	<b>LXS40/1</b>
807430	<b>KL222</b>	9455080100	<b>KX35</b>	J1270F	<b>LXS5/1</b>
807638	<b>LX200</b>			J1280F	<b>LXS41/1</b>
808346	<b>LX903/1</b>	<b>IHC</b>		J1290F	<b>LXS37/1</b>
809579	<b>LXS40/1</b>	124225	<b>OX85D</b>	J1291F	<b>LXS42/1</b>
809582	<b>LXS5/1</b>	151531	<b>OX198D</b>	J162EA	<b>KX25</b>
820399	<b>KL222/KL63</b>	3029244	<b>KX44</b>	J166AALGODAO	<b>OX85D</b>
8500534	<b>LX3604</b>	3032750	<b>KC113</b>	J167E	<b>OX43D</b>
985220	<b>KX25</b>	3146576	<b>LX275</b>	J169E	<b>KX89/2D</b>
		3146927R1	<b>LX200</b>	J190E	<b>WFC1</b>
<b>HYUNDAI</b>		3146939R1	<b>LX236</b>	J192E1	<b>WFC3</b>
0K52A23570	<b>KL446</b>	3147441	<b>HC45</b>	J2000E	<b>LX64</b>
11FK20080	<b>LX2959</b>	3147878R1	<b>LXS5/1</b>	J2021E	<b>LX901</b>
2630035014	<b>OC205</b>	3148080	<b>LXS40/1</b>	J265E	<b>OX200D</b>
26320-3C100	<b>OX773D</b>	3216100R1	<b>LXS41/1</b>	J2808E	<b>LX975</b>
26320-3C250	<b>OX351D</b>	3219420R1	<b>LX265</b>	J2809E	<b>LXS231</b>
28113-08000	<b>LX1785</b>	3219421R1	<b>LXS37/1</b>	J2953E	<b>LX963</b>
28113-1J000	<b>LX2739</b>	3405458R1	<b>LX236</b>	J29E	<b>KX43</b>
28113-1S100	<b>LX3452</b>	388227	<b>OC67</b>	J29FS	<b>KX35</b>
28113-2B000	<b>LX3509</b>	711922	<b>OC26</b>	J300E	<b>HX15</b>
281132H000	<b>LX3505</b>	712628	<b>KX35</b>	J3025E	<b>LX243</b>
281132P100	<b>LX3716</b>	714401	<b>KX43</b>	J3085E	<b>LX273</b>
28113-3J100	<b>LX3691</b>	969269	<b>OX18D</b>	J3086E	<b>LX970</b>
281133K200	<b>LX3506</b>			J310E	<b>KC4</b>
28113-4F000	<b>LX3236</b>	<b>INGERSOLL RAND</b>		J3115F	<b>KX44</b>
2813045000	<b>LX1064</b>	1160024	<b>OC26</b>	J315E	<b>OC90</b>
281305A500	<b>LX3779</b>	1160243	<b>KC24</b>	J316E	<b>OC317</b>
311122B000	<b>KI24</b>	156172	<b>KC133</b>	J339E	<b>OC35</b>
31390H1952	<b>KL446</b>	158139	<b>OX218D</b>	J355E	<b>OX75D</b>
31973-44001	<b>KC46</b>	26540132	<b>OX18D</b>	J3589E	<b>LX902/1</b>
39003410	<b>KC107</b>	2654408	<b>OC38</b>	J3590E	<b>LX958/1</b>
3903410	<b>KC107</b>	265600177	<b>KX23</b>	J3606E	<b>LX157</b>
971332B010	<b>LA343</b>	32599	<b>OX200D</b>	J390E	<b>OX215D</b>
971332E200	<b>LA301</b>	35290626	<b>OX5D</b>	J3E	<b>OX214D</b>
971332E210	<b>LA301</b>	35292366	<b>KC113</b>	J403E	<b>KC24</b>

INPECA	MAHLE	INPECA	MAHLE	INPECA	MAHLE
J405E	<b>OC122</b>	NS1052	<b>OC235</b>	SAL2506	<b>LX618</b>
J408E	<b>OC308</b>	SA 1038	<b>LX227</b>	SAL6092	<b>LX405</b>
J412E	<b>OC30</b>	SA 1622	<b>LX971</b>	SAL6093	<b>LX684</b>
J413E	<b>KC133</b>	SA 2000	<b>LX64</b>	SAL8840	<b>LX735</b>
J422E	<b>OC40</b>	SA 2021	<b>LX901</b>	SAL9380	<b>LX909</b>
J440E	<b>KC114</b>	SA 2022	<b>LX272</b>	SAL9381	<b>LX964</b>
J444E	<b>OC121</b>	SA 2262	<b>LX414</b>	SAL9384	<b>LX908</b>
J445E	<b>HX51D</b>	SA 2446	<b>LX614</b>	SAL9385	<b>LX907</b>
J4650E	<b>LX241</b>	SA 2505	<b>LX589</b>	SAL9386	<b>LX453</b>
J46E	<b>OX47D</b>	SA 2774	<b>LX17</b>	SAL9388	<b>LX687</b>
J516E	<b>OX218D</b>	SA 2808	<b>LX975</b>	SAL9389	<b>LX962</b>
J561E	<b>HC45</b>	SA 2953	<b>LX963</b>	SAL9390	<b>LX906</b>
J5650E	<b>LX271/2</b>	SA 3025	<b>LX243</b>	SAL9395	<b>LX448</b>
J565E	<b>OC300</b>	SA 3085	<b>LX273</b>	SAL9396	<b>LX523</b>
J603E	<b>HX58-DIR.</b>	SA 3086	<b>LX970</b>	SAL9601	<b>LX435</b>
J604E	<b>HC76</b>	SA 3088	<b>LX450</b>	SAP1004	<b>LX1064</b>
J620E	<b>OX5D</b>	SA 3589	<b>LX902/1</b>	SAP1008	<b>LX912</b>
J625E	<b>OX197D</b>	SA 3590	<b>LX958/1</b>	SAP1622	<b>LX971</b>
J635E	<b>OX199D</b>	SA 3606	<b>LX157</b>	SAP2774	<b>LX17</b>
J700E	<b>OX3D</b>	SA 3616	<b>LX55</b>	SAP3088	<b>LX450</b>
J7023E	<b>LX973</b>	SA 4650	<b>LX241</b>	SAP7801	<b>LX972</b>
J711E	<b>KX23</b>	SA 5650	<b>LX271/2</b>	SAP7803	<b>LX1057</b>
J725	<b>OX30D</b>	SA 6201 RS	<b>LX960</b>	SAP7806	<b>LX974</b>
J7620E	<b>LX905/1</b>	SA 7023	<b>LX973</b>	SAP7810	<b>LX910</b>
J7716E	<b>LX1100</b>	SA 7602	<b>LX905/1</b>	SAP8507	<b>LX1094</b>
J7804E	<b>LX969</b>	SA 7801	<b>LX972</b>	SAP8518	<b>LX567</b>
J7805E	<b>LXS225</b>	SA 7804	<b>LX969</b>	SAP8548	<b>LX236</b>
J792E	<b>KX91</b>	SA 7806	<b>LX974</b>	SAP8848	<b>LX1055/1</b>
J796E	<b>KX24</b>	SA 7810	<b>LX910</b>	SAP9404	<b>LX1056</b>
J8047E	<b>LX116</b>	SA 8528	<b>LX200</b>	SAP9825	<b>LX1097</b>
J8048E	<b>LX1062</b>	SA 8538	<b>LX275</b>	SAP9827	<b>LX1068</b>
J804E	<b>OC324</b>	SA 8548	<b>LX236</b>	SAR2022	<b>LX272</b>
J805E	<b>OC23</b>	SA 9119	<b>LX93</b>	SAR9370	<b>LX202</b>
J806E	<b>HX52</b>	SA 9323	<b>LX900/1</b>	SAR9405	<b>LX961</b>
J8238E	<b>LX275</b>	SA 9370	<b>LX202</b>	SAS1271	<b>LXS226</b>
J8528E	<b>LX200</b>	SA 9380	<b>LX909</b>	SAS1292	<b>LXS44/1</b>
J895E	<b>OC38</b>	SA 9381	<b>LX964</b>	SAS1293	<b>LXS43/1</b>
J900EAUTO	<b>OC114</b>	SA 9384	<b>LX908</b>	SAS1294	<b>LXS227</b>
J9119E	<b>LX93</b>	SA 9385	<b>LX907</b>	SAS7360	<b>LXS232</b>
J9334E	<b>LX1101</b>	SA 9386	<b>LX453</b>	SB 0190	<b>WFC1</b>
J9335E	<b>LX1063</b>	SA 9388	<b>LX687</b>	SB 0192	<b>WFC3</b>
J9403E	<b>LX265</b>	SA 9389	<b>LX962</b>	SB 0194	<b>WFC2</b>
J941E	<b>OC26</b>	SA 9390	<b>LX906</b>	SB 0218	<b>KC18</b>
J943E	<b>OX216</b>	SA 9395	<b>LX448</b>	SB 0307	<b>OC503</b>
J957E	<b>OX18D</b>	SA 9396	<b>LX523</b>	SB 0312	<b>OC318</b>
J958E	<b>OC301</b>	SA 9403	<b>LX265</b>	SB 0314	<b>OC66</b>
J9619E	<b>LX903/1</b>	SA 9405	<b>LX961</b>	SB 0315	<b>OC90</b>
J9620E	<b>LX208/1</b>	SA 9619	<b>LX903/1</b>	SB 0316	<b>OC317</b>
J9621E	<b>LX904/1</b>	SA 9620	<b>LX208/1</b>	SB 0317	<b>OC274</b>
J9623E	<b>LX900/1</b>	SA 9621	<b>LX904/1</b>	SB 0318	<b>OC239</b>
J962E	<b>OC60</b>	SAB0194	<b>WFC2</b>	SB 0408	<b>OC308</b>
J999E	<b>OX217D</b>	SAL2262	<b>LX1315</b>	SB 0422	<b>OC121</b>
NP1301	<b>OX3D</b>	SAL2446	<b>LX614</b>	SB 0423	<b>OC282(By Pass)</b>
NS1019	<b>OC66</b>	SAL2505	<b>LX589</b>	SB 0425	<b>OC304</b>



INPECA	MAHLE	INPECA	MAHLE	INPECA	MAHLE
SB 0440	<b>KC114</b>	SI 0102	<b>KL225</b>	SSB0530	<b>KC119</b>
SB 0563	<b>OC250</b>	SI 0105	<b>KL224</b>	SSB0960	<b>KC120</b>
SB 0565	<b>OC300</b>	SI 0106	<b>KL223</b>	SSD0168	<b>KX88/1D</b>
SB 0571	<b>OC235</b>	SIC0100	<b>KL60</b>	SSD2965	<b>KC130</b>
SB 0572	<b>OC266</b>	SIC0101	<b>KL83</b>	SUN0005	<b>KL222/KL63</b>
SB 0602	<b>OC320</b>	SIC0102	<b>KL225</b>	<b>INTERNATIONAL</b>	
SB 0604	<b>HC76</b>	SIC0104	<b>KL237</b>	72121	<b>KL761</b>
SB 0656	<b>HC81</b>	SIC0105	<b>KL224</b>	<b>IRLEMP</b>	
SB 0715	<b>OC67</b>	SIC0106	<b>KL223</b>	1R392	<b>KX43</b>
SB 0730	<b>KC113</b>	SL 0265	<b>OX200D</b>	2020SM30	<b>KX88/1D</b>
SB 0804	<b>OC324</b>	SL 0355	<b>OX75D</b>	2020TP-30M	<b>KX88/1D</b>
SB 0920	<b>OC18</b>	SL 0447	<b>OX69D</b>	2040SM30	<b>KX89/2D</b>
SB 0921	<b>OC23</b>	SL 0449	<b>OX71D</b>	210970	<b>KC113</b>
SB 0941	<b>OC26</b>	SL 0615/0625	<b>OX197D</b>	2S1285	<b>LX1062</b>
SB 0945	<b>OC261</b>	SL 0630	<b>OX150D</b>	AF20325	<b>LX243</b>
SB 0958	<b>OC301</b>	SL 0635	<b>OX199D</b>	AF20326	<b>LX243</b>
SB 0959	<b>OC114</b>	SL 0640	<b>OX95D</b>	AF2040KLL	<b>LX17</b>
SB 0960	<b>OC302</b>	SL 0725	<b>OX30D</b>	AF2053	<b>LX1063</b>
SB 0962	<b>OC60</b>	SL 0825	<b>OX85D</b>	AF2204LL	<b>LX972</b>
SB 0963	<b>OC303</b>	SL 0957	<b>OX18D</b>	AF2209	<b>LXS231</b>
SB 0964	<b>OC35</b>	SLB0043	<b>OC66</b>	AF2211	<b>LX975</b>
SB 0975	<b>KC46</b>	SLB0055	<b>OC259</b>	AF2306	<b>LX1100</b>
SB 0980	<b>KC24</b>	SLB0306	<b>OC274</b>	AF234401	<b>LX227</b>
SB 0985	<b>KC107</b>	SLB0307	<b>OC503</b>	AF24650	<b>LX241</b>
SB0562	<b>OC47</b>	SLB0312	<b>OC318</b>	AF246501	<b>LX271/2</b>
SBC0092	<b>KX49</b>	SLB0318	<b>OC239</b>	AF2875	<b>LXS232</b>
SBC3116	<b>KX36</b>	SLB0323	<b>OC299</b>	AF2898	<b>LX1100</b>
SC 0029	<b>KX43</b>	SLB0562	<b>OC47</b>	AF3193	<b>LX64</b>
SC 0092	<b>KX49</b>	SLB0563	<b>OC250</b>	AF8047	<b>LX116</b>
SC 0711	<b>KX23</b>	SLB0572	<b>OC266</b>	AF9334	<b>LX902/1</b>
SC 0796	<b>KX24</b>	SLB0583	<b>OC309</b>	AFI6010	<b>LX963</b>
SC 3115	<b>KX44</b>	SLB0923	<b>OC332</b>	AFI6011	<b>LX902/1</b>
SCB0218	<b>KC18</b>	SLB0945	<b>OC261</b>	AFI6013	<b>LX1065</b>
SCB0219	<b>KC129</b>	SLB0947	<b>OC81</b>	AFI6047	<b>LX973</b>
SCB0730	<b>KC113</b>	SRA0780	<b>LX1102</b>	AFI6060	<b>LX200</b>
SCB0925	<b>KC132</b>	SRS1022	<b>LX714</b>	AFI6067	<b>LX265</b>
SCB0975	<b>KC46</b>	SRS3414	<b>LX1069</b>	AFI6080	<b>LX208/1</b>
SCB0983	<b>KC22</b>	SRS7104	<b>LX1093</b>	AFI6091	<b>LX903/1</b>
SCB0985	<b>KC107</b>	SRS8204	<b>LX1070</b>	AFI6092	<b>LX904/1</b>
SCB0990	<b>KC94</b>	SS 1260	<b>LXS40/1</b>	AFI6109WO	<b>LX1102</b>
SCB0999	<b>KC83</b>	SS 1270	<b>LXS5/1</b>	AFI6121	<b>LXS40/1</b>
SEC0757	<b>KX92D</b>	SS 1271	<b>LXS226</b>	AFI6122	<b>LX275</b>
SEL0180	<b>OX98D</b>	SS 1280	<b>LXS41/1</b>	AFI6123	<b>LXS5/1</b>
SEL0447	<b>OX69D</b>	SS 1290	<b>LXS37/1</b>	AFI6144	<b>LX236</b>
SEL0449	<b>OX71D</b>	SS 1291	<b>LXS42/1</b>	AFI615	<b>LX273</b>
SEL0630	<b>OX150D</b>	SS 1292	<b>LXS44/1</b>	AFI6152	<b>LX157</b>
SEL0640	<b>OX95D</b>	SS 1293	<b>LXS43/1</b>	AFI6159	<b>LXS37/1</b>
SH 0601	<b>HX15</b>	SS 1294	<b>LXS227</b>	AFI6167	<b>LX272</b>
SHB0391	<b>HC82</b>	SS 7805	<b>LXS225</b>	AFI6180	<b>LXS41/1</b>
SHB0421	<b>HC85</b>	SSB0450	<b>KC121</b>	AFI6182	<b>LXS42/1</b>
SHB0656	<b>HC81</b>	SSB0460	<b>KC122</b>	AFI6185	<b>LX900/1</b>
SHB0766	<b>HC4</b>	SSB0470	<b>KC124</b>		
SI 0100	<b>KL60</b>	SSB0480	<b>KC125</b>		
SI 0101	<b>KL83</b>	SSB0490	<b>KC128</b>		

IRLEMP	MAHLE	IRLEMP	MAHLE	IRLEMP	MAHLE
AFI6207	LX55	PERI208	OC60	RA6182	LXS42/1
AFI6208C	LX901	PERI211	KC4	RC329	KC113
AFI6220	LXS43/1	PERI219	OC317	RC330	KC24
AFI6225	LX93	PERI221	OC301	RC43	KC107
AFI6226	LX970	PERI222	OC26	RI391	OX30D
AFI62261	LX450	PERI224	OC300	RI415	OX85D
AFI6230	LX958/1	PERI236	OC35	RL137	OC324
AFI6234	LX1057	PERI240	HC45	RL222	OC26
AFI6271	LX969	PERI2405B	OC47	RL332	OC304
AFI6272	LXS225	PERI243	HC76	RP487	OX197D
AFI6289	LX1098	PERI248	HC84-TRANS.	RP638	OX199D
AFI6291	LX1055/1	PERI253A	KX24	T149A	KX23
AFI6304	LX906	PERI260	HC85		
AFI6305	LX907	PERI264	KC24	<b>ISUZU</b>	
AFI6306	LX961	PERI289	OC121	13002B1810	LX265
AFI6309	LX910	PERI291	KC18	13002B1820	LXS37/1
AFI9334	LX1101	PERI292	OC90	1306018880	HX52
AFP90	LX905/1	PERI293	OC30	6114505100	OX3D
AR6221	LXS44/1	PERI306	OC334	7370955	LX3605
EP178	OX47D	PERI315	OC302	737095503	LX3605
EP179	OX18D	PERI316	OC40	94428391	OC299
EP205	HX52	PERI318	HC83-TRANS.		
EP21	KX91	PERI332	OC304	<b>IVECO</b>	
EP2242	HX57D	PERI333	OC320	01930587	LX3604
EP7820M	OX5D	PI3	OX214D	019907612	AL12-DESUM.
FPT750	OX198D	PI302	OX215D	08190948	AL12-DESUM.
GIF12	KL222	PI346	OX200D	1900812	AL12-DESUM.
GIF4185	KL222/KL63	PI352	HX15	1902047	OC248
IR16S13Z	KX44	PI403	KX35	1902076	OC248
IR391	OX30D	PI417	HX58-DIR.	1902102	OC267
IR392	KX43	PI487	OX197D	1902129	LX273
IR415	OX85D	PI567	OX75D	1903628	OC248
IR449	HX53-DIR.	PI607	OX43D	1903629	OC267
IR641	KX49	PI638	OX199D	1903715	OC267
MF58	KX25	PI673	OX150D	1904550	LX273
P13910M	HX51D	PI699	OX95D	1905620	LXS44/1
P176	HX54	PI700	OX71D	1907580	OC248
P230	KX92D	PI701	OX69D	1907581	OC267
P41	OX218D	PR3	OX213	1907582	OC248
P42	OX219	PW2010	WFC1	1907583	OC248
P87	OX216	PW2013	WFC3	1907584	OC267
PER1	OC67	PW2070	WFC2	1907612	AL12-DESUM.
PER1/RL137	OC67	PW2072	WFC4	1907695	LX626
PER137	OC324	R17	OC308	1908547	KC186
PER138	OC38	R26A50	KC119	1930213	OC248
PER17	OC18	R2910M	HC81	1930542	OC267
PER17/RL17	OC18	R4510M	KC121	1930544	OC35
PER18	OC23	R5	OX3D	1930906	OC267
PER231	KC133	R6010M	KC122	2992241	KC440
PER313	OC319	R7	OX217D	2992242	OC502
PER40	OC114	R9030M	KC124	2992261	AL12-DESUM.
PER53	KC114	RA2010	WFC1	2992300	KC182
PER67	OC121	RA2016	WFC1	2992544	OC1178
PER69	OC122	RA6180	LXS41/1		

<b>IVECO</b>	<b>MAHLE</b>	<b>JAC MOTORS</b>	<b>MAHLE</b>	<b>KIA MOTORS</b>	<b>MAHLE</b>
2992662	<b>KC214</b>	JAC-L22000	<b>LA698</b>	31395H1952	<b>KL446</b>
2994048	<b>KC171</b>	L21092	<b>OC18</b>	31980 1Y700	<b>KL583(Plus)</b>
2994057	<b>OC248</b>	S8100L22000-00004	<b>LA698</b>	31980 1Y700N	<b>KL583(Plus)</b>
2995655	<b>OC613</b>			971143B100	<b>LA1046</b>
2995964	<b>LA170</b>	<b>JAGUAR</b>		9713307000	<b>LA649</b>
2996126	<b>LX2082/1</b>	C2S27643	<b>KL446</b>	971332E900	<b>LA444/S</b>
2996127	<b>LX626</b>	JDE8751	<b>OX1042D</b>	971332E910	<b>LA444/S</b>
2997305	<b>OC267</b>			971332F000	<b>LA298</b>
2997378	<b>KC200</b>	<b>JAPANPARTS</b>		971332H001	<b>LA955</b>
3802821	<b>LA439</b>	FOECO044	<b>OX827D</b>	971332K000	<b>LA531</b>
41270082	<b>LX2082/1</b>			971333SAA0	<b>LA819</b>
41272124	<b>LX2082/1</b>	<b>JEEP</b>		K01113Z40	<b>LX677</b>
41272515	<b>LX626</b>	68033193AA	<b>LA911/S</b>	NK71E23603	<b>LX1068</b>
42488361	<b>LX273</b>	68079487AA	<b>LA902</b>	NK79023603B	<b>LX1097</b>
42553548	<b>UX1D</b>	82208300	<b>LA1059</b>	NRF0323802	<b>OC318</b>
42555073	<b>UX2D</b>			NVS0114320	<b>OC274</b>
42561605	<b>UX2D</b>	<b>JOHN DEERE</b>		OK01623802A	<b>OC299</b>
4787410	<b>OC248</b>	136750	<b>OX198D</b>	OK52A23570A	<b>KL446</b>
4787733	<b>OC267</b>	156172	<b>KC133</b>	OK71023610N	<b>LX1097</b>
4791113	<b>OC248</b>	158139	<b>OX218D</b>	OK71E23570	<b>KC132</b>
500315480	<b>KC171</b>	5576200	<b>OX5D</b>	OK72C23603	<b>LX1094</b>
500315484	<b>KX269</b>	84993233	<b>KC119</b>	OK79023603B	<b>LX1097</b>
503103529	<b>KC497D</b>	AH212295	<b>LXS315</b>	OX71023610N	<b>LX1097</b>
503104436	<b>LX1070</b>	AH222225	<b>LX3561</b>		
503106176	<b>LXS261</b>	AH78769	<b>OC114</b>	<b>KNORR-BREMSE</b>	
503120248	<b>LX610</b>	AM31205	<b>OC18</b>	I85127/004	<b>AL12-DESUM.</b>
503120253	<b>LX1070</b>	AT171853	<b>LX3986</b>	II17793/004	<b>AL12-DESUM.</b>
503120784	<b>KC186</b>	AT17387T	<b>KX23</b>		
503120785	<b>OC502</b>	AT193242	<b>OC1176</b>	<b>KOMATSU</b>	
503355292	<b>KC171</b>	DQ06137	<b>OX197D</b>	10830520	<b>LX200</b>
504024890	<b>LA170</b>	DQ15097	<b>OC35</b>	1083258	<b>HX15</b>
504026056	<b>OC1178</b>	DQ20294	<b>OX137D</b>	10945204	<b>LX265</b>
504091563	<b>OC1222</b>	DQ24057	<b>KC119</b>	11201B1280	<b>LX236</b>
504166113	<b>KC200</b>	DQ24941	<b>LX236</b>	11201B1290	<b>LXS41/1</b>
5801287627	<b>LX1070</b>	DQ59138	<b>LX3190</b>	11201-B1420	<b>OX197D</b>
5801403243	<b>KC500D</b>	DQ59139	<b>LXS292</b>	11843925	<b>OX197D</b>
5983900	<b>OC248</b>	RE187966	<b>LA676</b>	136750	<b>OX198D</b>
61315398	<b>OC267</b>	RE500186	<b>KC124</b>	14401B2220	<b>LXS42/1</b>
61315399	<b>OC267</b>	RE509672	<b>OX972D</b>	14401B2250	<b>LX227</b>
7147701	<b>KC125</b>	RE67124	<b>LX1092</b>	14404B5560	<b>KX89/2D</b>
7147701	<b>KC125/1</b>	T168220	<b>LX3613</b>	1456431261	<b>KX35</b>
7149135	<b>LXS42/1</b>			156172	<b>KC133</b>
7301916	<b>OC248</b>	<b>KIA MOTORS</b>		158139	<b>OX218D</b>
7301939	<b>OC248</b>	0K01713Z40B	<b>LX1821</b>	1845825	<b>OX85D</b>
8123564	<b>AL12-DESUM.</b>	0K52A13480	<b>KL446</b>	2271029	<b>OX30D</b>
8190948	<b>AL12-DESUM.</b>	0K52A23570A	<b>KL446</b>	227350	<b>KX44</b>
93828280	<b>LX2532</b>	0K6B023603	<b>LX3486</b>	228539	<b>OC18</b>
93829614	<b>LX2532</b>	0K71023902	<b>OC239</b>	228795	<b>LX241</b>
98432648	<b>OC248</b>	0K74R23603	<b>LX3689</b>	228887	<b>LX271/2</b>
98432653	<b>OC267</b>	28113-2K000	<b>LX2739</b>	228911	<b>KC24</b>
98472349	<b>OC248</b>	281134E000	<b>LX2689</b>	299080	<b>WFC1</b>
99445200	<b>OC1178</b>	31390H1970	<b>KL446</b>	3431847325	<b>OX199D</b>
				3450947004	<b>LXS37/1</b>
<b>JAC MOTORS</b>					

KOMATSU	MAHLE	KS	MAHLE	KS	MAHLE
3451800210	<b>OX75D</b>	50013197	<b>LX448</b>	50013411	<b>KL83</b>
4773815	<b>KX43</b>	50013204	<b>LX962</b>	50013413	<b>KL223</b>
5S484	<b>OX3D</b>	50013207	<b>OC320</b>	50013510	<b>OC235</b>
6002111210	<b>OX217D</b>	50013209	<b>LX907</b>	<b>KUBOTA</b>	
6002115240	<b>OC26</b>	50013212	<b>LXS42/1</b>	1521332090	<b>HC45</b>
6107420	<b>OX197D</b>	50013215	<b>OC18</b>	1542632430	<b>OC47</b>
6732716120	<b>KC107</b>	50013216	<b>OC261</b>	6002116230	<b>OC26</b>
6742014120	<b>OC304</b>	50013218	<b>LXS5/1</b>	7000032001	<b>OC67</b>
71029	<b>OC308</b>	50013221	<b>LXS43/1</b>	<b>LADA</b>	
784620	<b>HX52</b>	50013229	<b>LXS41/1</b>	21011012005	<b>OC23</b>
8411286	<b>HX51D</b>	50013231	<b>LX523</b>	210801117010	<b>KL222/KL63</b>
CU3903410	<b>KC107</b>	50013235	<b>OC301</b>	<b>LANCIA</b>	
CUFS1280	<b>KC107</b>	50013236	<b>OC324</b>	7571569	<b>OC248</b>
D048861	<b>OX5D</b>	50013244	<b>LX906</b>	<b>LAND ROVER</b>	
D1224440H1	<b>HC81</b>	50013247	<b>LXS44/1</b>	013148	<b>OX1042D</b>
D900177	<b>LX243</b>	50013253	<b>OC66</b>	1311289	<b>OX1039D</b>
EFC1	<b>KX23</b>	50013254	<b>KC46</b>	6G9N180543BA	<b>LA1039</b>
EFOL1	<b>OX200D</b>	50013261	<b>OC282(By Pass)</b>	CDU1268	<b>OC1236</b>
EFOL5	<b>OX18D</b>	50013263	<b>OC503</b>	ERR3340	<b>OC236</b>
EFOL7	<b>OX47D</b>	50013264	<b>OC308</b>	JKR100280	<b>LA1036</b>
		50013277	<b>KC107</b>	JKR500010	<b>LA1037</b>
<b>KS</b>		50013278	<b>LX272</b>	JMO000010	<b>LAK62</b>
50013000	<b>OC60</b>	50013280	<b>LX687</b>	LPW100180	<b>OC1236</b>
50013001	<b>KC18</b>	50013285	<b>LX55</b>	LPW100180L	<b>OC1236</b>
50013002	<b>KC113</b>	50013287	<b>LX960</b>	LPW100230	<b>OC1236</b>
50013003	<b>OC23</b>	50013290	<b>LX614</b>	LR000889	<b>LA1039</b>
50013017	<b>OC35</b>	50013294	<b>LX903/1</b>	LR000899	<b>LA1039</b>
50013024	<b>OX69D</b>	50013296	<b>LX975</b>	LR013148	<b>OX1042D</b>
50013030	<b>KX23</b>	50013299	<b>LX974</b>	<b>LIEBHERR</b>	
50013032	<b>KL2</b>	50013300	<b>LX910</b>	10101998	<b>KC200</b>
50013034	<b>LX200</b>	50013306	<b>KC114</b>	10113119	<b>KC8</b>
50013035	<b>LX265</b>	50013307	<b>LX435</b>	1753731	<b>LX236</b>
50013036	<b>LX227</b>	50013312	<b>LX972</b>	3313281	<b>OC319</b>
50013037	<b>LX273</b>	50013314	<b>LX902/1</b>	3315116	<b>WFC1</b>
50013042	<b>OX150D</b>	50013315	<b>LX958/1</b>	3315847	<b>KC133</b>
50013043	<b>OX95D</b>	50013316	<b>LX971</b>	3903640	<b>KC24</b>
50013044	<b>HX15</b>	50013319	<b>LX905/1</b>	5106133	<b>OC26</b>
50013052	<b>OC67</b>	50013327	<b>LX414</b>	5106169	<b>KC113</b>
50013053	<b>OC26</b>	50013330	<b>LX64</b>	5106180	<b>LX275</b>
50013055	<b>OC121</b>	50013337	<b>OC304</b>	5106181	<b>LX271/2</b>
50013064	<b>LX271/2</b>	50013346	<b>LXS37/1</b>	5106182	<b>LX236</b>
50013073	<b>OC47</b>	50013360	<b>OC302</b>	5106188	<b>LX227</b>
50013077	<b>LX208/1</b>	50013366	<b>LX909</b>	5106189	<b>LX265</b>
50013079	<b>KC24</b>	50013367	<b>KX49</b>	5106191	<b>LX273</b>
50013080	<b>KL60</b>	50013369	<b>KX43</b>	5106525	<b>LXS41/1</b>
50013088	<b>LX970</b>	50013370	<b>KX44</b>	5502029	<b>OC60</b>
50013097	<b>OC266</b>	50013380	<b>OC303</b>	5502259	<b>KX44</b>
50013100	<b>OC90</b>	50013389	<b>LX964</b>		
50013103	<b>LX93</b>	50013396	<b>OC114</b>		
50013121	<b>LX275</b>	50013402	<b>OX75D</b>		
50013122	<b>LX236</b>	50013403	<b>OX197D</b>		
50013142	<b>LX202</b>	50013404	<b>OC317</b>		
50013188	<b>OC250</b>	50013407	<b>HC45</b>		
		50013410	<b>OC300</b>		



LIEBHERR	MAHLE	LOGAN	MAHLE	LOGAN	MAHLE
5502278	<b>OX85D</b>	CFA499M	<b>LX273</b>	FL068US	<b>OC317</b>
5507621	<b>OX30D</b>	CFA511M	<b>LX1057</b>	FL070US	<b>OC38</b>
5507741	<b>LX200</b>	CFA513M	<b>LX975</b>	FL073US	<b>OC114</b>
5601963	<b>LXS37/1</b>	CFA514M	<b>LXS231</b>	FL074US	<b>OC300</b>
5602073	<b>OX69D</b>	CFA518M	<b>LXS44/1</b>	FL075US	<b>OC301</b>
5602112	<b>KX35</b>	CFA519M	<b>LXS42/1</b>	FL077US	<b>OC23</b>
6361613	<b>OX198D</b>	CFA520M	<b>LXS43/1</b>	FL080US	<b>HC45</b>
7000738	<b>LX243</b>	CFA523M	<b>LXS37/1</b>	FL081US	<b>OC47</b>
7002304	<b>KX43</b>	CFA527M	<b>LX970</b>	FL085US	<b>OC90</b>
7002402	<b>LXS5/1</b>	CFA528M	<b>LX450</b>	FL090US	<b>OC121</b>
7002914	<b>OX71D</b>	CFA530M	<b>LX93</b>	FL091US	<b>OC334</b>
7002915	<b>OX69D</b>	CFA801M	<b>LX243</b>	FL092US	<b>OC302</b>
7211208	<b>OX150D</b>	CFA810M	<b>LX227</b>	FL093US	<b>OC40</b>
7361347	<b>LX236</b>	CFA811M	<b>LX271/2</b>	FL095US	<b>OC30</b>
7364434	<b>LX236</b>	CFA813M	<b>LX236</b>	FL107US	<b>OC319</b>
		CH130X	<b>HX54</b>	FL224US	<b>OC60</b>
		CH204X	<b>OX5D</b>	FL226US	<b>OC18</b>
		CH301X	<b>OX216</b>	FL236US	<b>OC122</b>
		CH302X	<b>HX52</b>	FL242US	<b>OC35</b>
		CH383X	<b>HX51D</b>	FL248US	<b>OC308</b>
		CH390X	<b>HX58-DIR.</b>	FL251US	<b>OC324</b>
		CH391X	<b>HX15</b>	FL324US	<b>OC26</b>
		CL121X	<b>OX214D</b>	FL332US	<b>OC67</b>
		CL123X	<b>WFC1</b>	FV051GS	<b>KL222</b>
		CL125X	<b>OX217D</b>	FV055AL	<b>KL222/KL63</b>
		CL208X	<b>OX215D</b>	FV071US	<b>KC24</b>
		CL209X	<b>OX200D</b>	FV238US	<b>KC133</b>
		CL218X	<b>OX30D</b>	FV319US	<b>KC4</b>
		CL221X	<b>OX85D</b>	FV320US	<b>KC114</b>
		CL300X	<b>OX47D</b>		
		CL307X	<b>OX3D</b>		
		CL312X	<b>OX18D</b>	<b>LOMBARDINI</b>	
		CL349X	<b>OX218D</b>	0021751640	<b>LX3686</b>
		CL350X	<b>OX197D</b>		
		CL351X	<b>OX95D</b>	<b>LOXUS</b>	
		CL356X	<b>OX150D</b>	9091503005	<b>OC534</b>
		CL396X	<b>OX75D</b>		
		CL400X	<b>OX43D</b>		
		CL650X	<b>OX199D</b>	<b>LUBER FINER</b>	
		CU323X	<b>KX25</b>	364F	<b>KX91</b>
		CV201F	<b>KX49</b>	750	<b>OX198D</b>
		CV206F	<b>KX43</b>	FP586F	<b>KC113</b>
		CV206P	<b>KX35</b>	G-1	<b>KL222</b>
		CV207F	<b>KX44</b>	HP1	<b>OC67</b>
		CV300X	<b>KX91</b>	L2020F	<b>KX88/1D</b>
		CV322X	<b>KX23</b>	L23F	<b>KX25</b>
		CV403X	<b>KX88/1D</b>	L296F	<b>KX23</b>
		CV404X	<b>KX89/2D</b>	L43F	<b>KX92D</b>
		CV422X	<b>KX24</b>	L60F	<b>KX35</b>
		CV450X	<b>KX92D</b>	L61F	<b>KX36</b>
		FA261US	<b>WFC2</b>	LAF1267	<b>LXS231</b>
		FA264US	<b>WFC3</b>	LAF1269	<b>LX975</b>
		FH057US	<b>HC76</b>	LAF1710	<b>LX200</b>
		FH250US	<b>HC85</b>	LAF1711	<b>LXS40/1</b>
				LAF1712	<b>LX275</b>

<b>LUBER FINER</b>	<b>MAHLE</b>	<b>LUBER FINER</b>	<b>MAHLE</b>	<b>MAXION</b>	<b>MAHLE</b>
LAF1713	LXS5/1	LP772	OX18D	3388840M2	LX3011
LAF1714	LX236	LP815	OX71D	501308346	HC4
LAF1715	LXS41/1	P178	OX47D	72040	KC119
LAF1716	LX227	PH16	OC23		
LAF1717	LXS42/1	PH4403	OC324	<b>MAZDA</b>	
LAF1718	LX271/2	PH4408	OC38	ORF0323802B	OC239
LAF1719	LXS43/1	PH6714	OC334		
LAF1720	LXS37/1			<b>MERCEDES BENZ</b>	
LAF1726	LX273	<b>MACK</b>		000 090 13 51	KX72D1
LAF1727	LXS44/1	20875672	KC300	0000901251	KX67/2D
LAF1732	LX272	20972295	KC300	0000901551	KX67/2D
LAF1747	LX93			0001800809	OX137D
LAF334	LX1101	<b>MADAL</b>		0001800909	OX150D
LAF335	LX1063	341030	HC84-TRANS.	0001801309	OX197D
LAF3702	LX241			0001801609	OX161/D
LAF47	LX116	<b>MAFERSA</b>		0001801709	OX174D
LAF5516	LX972	17603450161	KC107	0001802109	OX348D
LAF7360	LXS232	17603450163	OC319	0001802209	OX153/7D
LAF7716	LX1100	17603450164	WFC2	0001802309	OX153/7D
LFF2040	KX89/2D			0001802909	OX348D
LFF3403	KX49	<b>MAHINDRA</b>		0002701098	HX40
LFF3501	KX24	9480000073	OC1238	0004291097	AL12-DESUM.
LFF3502	KC4			0004293395	AL12-DESUM.
LFF3504	KC18	<b>MAN</b>		0004293695	AL12-DESUM.
LFF3507	KX44	51055006073	OX1025D	0004293795	AL12-DESUM.
LFF45	KC107	51055040105	OX1025D	0004295695	AL24-DESUM.
LFF5	KC133	51125030051	KC200	0004295795	AL24-DESUM.
LFP16	OC18	51125030062	KX72D1	0004300669	AL12-DESUM.
LFP18	OC26	51125030066	KC124	0004300969	AL12-DESUM.
LFP2222	OC60	51125036000	KC200	0004771302	KC200
LFP2229	OC35	51125036000	KC200	0004779415	KC496D
LFP2234	OC30	81084050016	LX3593	0010944604	LX236
LFP2292	OC308	81084050017	LXS317	0011843925	OX197D
LFP29	OC114	81084050021	LX3593	0011844225	OX137D
LFP3000	OC304	81154036015	UX1D	0011844325	OX137D
LFP3191	OC121	81154036089	UX1D	0011844425	OX150D
LFP440F	KC114	81521020008	AL12-DESUM.	0011845125	OX150D
LFW4071	WFC1	81521020009	AL12-DESUM.	0011845225	OX137D
LFW4072	WFC4	81521020010	AL12-DESUM.	0011845425	OX150D
LFW4075	WFC3	81521086025	AL24-DESUM.	0011845525	OX137D
LH8504	HX15	81521550040	AL24-DESUM.	0011847125	OX197D
LP132	OX5D			0011849425	OX153/7D
LP141	OX215D	<b>MASSEY FERGU- SON</b>		0020946004	LX236
LP161	OX3D	1447048	OC324	0020949304	LX335
LP163	OX217D	1447082M1	OC38	0030943304	LX236
LP164	OX216	2710806M	KX24	0030943904	LX496
LP2211	OX85D	3540046M1	LX3604	0030945004	LX273
LP2214	OX43D	6190627M1	LX3986	0030948304	LX513
LP2218	OX75D	6298164M1	KC500D	0030949604	LX776
LP2235	OX69D			0030949604	LX776/1
LP2236	OX30D	<b>MAXION</b>		0040942404	LX814/1
LP468	HX51D	2710797M92	LX236	0040942504	LX814/1
LP560	HX52			0040946204	LX776
LP72	OX200D				

MERCEDES BENZ	MAHLE	MERCEDES BENZ	MAHLE	MERCEDES BENZ	MAHLE
0040946204	LX776/1	3441840025	OX197D	6110920601	KL100/2
0057230000	KX80D	3445868090	OX197D	6111800009	OX980D3
0070131002	KC126	3500947104	LXS43/1	6131800009	OX179D
10920401	KC22	3521800109	OX137D	6171840125	OX98D
10944204	LX265	3641800009	OX150D	6880947104	LX236
10944504	LX200	3661800009	OX137D	6900947004	LX513
10944604	LX236	3661800310	OX137D	79200361087	AL12-DESUM.
10944704	LX227	3661840125	OX137D	8690940020	LX273
10947504	LX243	3661840225	OX150D	8840483382	AL24-DESUM.
10947904	LX271/2	3740947004	LX910	9041800009	OX161/D
10948004	LX241	3740947104	LX1093	9060900051	KX67/2D
10948204	LX275	3740947204	LXS263	9060920205	KX67/2D
1120940004	LX804/S	3741800009	OX150D	9060920305	KX67/2D
1120940604	LX804/S	3754770002	KC124	9060920505	KX67/2D
1121800009	OX153/7D	3760927104	FT6211700	921505	KX43
1121840025	OX153/7D	3760927301	KC122	922705	KX49
1121840225	OX153/7D	3760927301KZ	KC122	925505	KC129
11840225	OX71D	3760947904	LX1056	9584770015	KC126
11843325	OX75D	3760948104	LX1056	9584770115	KC489
11843801	KL222	3760948304	LXS261	9585280206	LX2621
11843825	OX69D	3880947004	LX273	9794770015	KC126
11844125	OX150D	3880947104	LXS44/1	9794770015KZ	KC126
11844225	OX137D	3900900052	KC114	A 979 477 00 01	KL445
11844225	OX95D	4021800009	OX69D	A0000903751	LX1845
11844325	OX137D	4031800011	OX69D	A0001801109	OX69D
11845225	OX137D	4031840025	OX69D	A0001801409	OC261
11845525	OX137D	4221800210	OX69D	A0001843825	OX69D
11845825	0951-127M1-ELEM. DISCO COADOR	4411800009	OX137D	A0004295695	AL24-DESUM.
11846625	OX198D	4570900051	KX80D	A0004295795	AL24-DESUM.
11849601	OC60	4570920001	KC125/1	A0004771302	KC200
1688300018	LA81	4571800009	OX168D	A0008301118	LA43
1688300018	LAK81	4571840025	OX168D	A0008301218	LA43
1800009	OX47D	4571840125	OX348D	A0008303318	LA83
1800109	OX85D	4760907402	KC128	A0008305618	LA651
1802909	OX348D	4760927201KZ	KC128	A0011843825	OX69D
1842325	HX15	4760940004	LX1313/1	A0021847725	OX69D
1843825	OX69D	4760940104	LXS312	A0040942404	LX814/1
1846725	OX30D	4773115	KX44	A0040942504	LX814/1
20943204	LXS37/1	5410900051	KX80D	A1661840525	OX135/1D
20943304	LXS5/1	5410900151	KX80D	A1698300118	LA1058
20946104	LXS41/1	5410920305	KX80D	A2028300018	LA37
2711800009	OX1027D	5410920405	KX80D	A2108301018	LA47/S
2711800109	OX1027D	5410920505	KX80D	A2661800009	OX1046D
2711840125	OX1027D	5410920605	KX80D	A2661840325	OX1046D
3080947104	LXS40/1	5410920805	KX80D	A3760927001	KC122
30940601	HC45	5410920905	KX80D	A3760927301	KC127
30944504	LXS42/1	5411800009	OX168D	A3820927005	KC119
3141800109	OX150D	5411800209	OX168D	A3844777015	KC126
31843301	OC303	6021800009	OX1025D	A3844777015KZ	KC125
322405	KX35	6061800009	OX1025D	A4570920001	KC125
3431840025	OX199D	6061800109	OX1025D	A4570920001	KC125/1
3431847425	OX43D	6061840025	OX1025D	A4570920001KZ	KC125/1
3440927405	KX36	6061840125	OX1025D	A4760927201	KC128
		6061840225	OX1025D	A6061800009	OX1025D

MERCEDES BENZ	MAHLE	MICRONAIR	MAHLE	MICRONAIR	MAHLE
A6061800109	<b>OX1025D</b>	MP044	<b>LA31</b>	MP383	<b>LA646</b>
A6110920101	<b>KL174</b>	MP047	<b>LA74</b>	MP400	<b>LA1098</b>
A6420902252	<b>KL490/1D</b>	MP057	<b>LA57</b>	MP430	<b>LA696</b>
A6420902352	<b>KL490/1D</b>	MP060	<b>LA120</b>	MP453	<b>LA697</b>
A6420920401	<b>KL490/1D</b>	MP061	<b>LA153</b>	MP493	<b>LA887</b>
A6421800009	<b>OX1044D</b>	MP065	<b>LA40</b>	MP537	<b>LAK81</b>
A9018300018	<b>LA83</b>	MP065	<b>LA60</b>	MP558-2	<b>LA652/S</b>
A9018300418	<b>LA83</b>	MP066-2	<b>LA122/S</b>	MP559	<b>LA656</b>
A90186300018	<b>LA83</b>	MP071	<b>LA138</b>	MP736	<b>LAK1003</b>
A9060920305	<b>KX67/2D</b>	MP0740	<b>LA655</b>	MP9901	<b>LA651</b>
A9068300318	<b>LAK1002</b>	MP076	<b>LA25</b>	MP9902	<b>LA660</b>
A9408350047	<b>LA678</b>	MP078	<b>LA144</b>	MP9909	<b>LA886</b>
A9584770015	<b>KC501D</b>	MP096	<b>LA142</b>		
A9738350147	<b>LA677</b>	MP105	<b>LA1041</b>	<b>MINI</b>	
A9794770015	<b>KC126</b>	MP107	<b>LA117</b>	6675517	<b>OC23</b>
B66809903	<b>LAK98</b>	MP114	<b>LA169</b>		
KL33	<b>KL33</b>	MP131	<b>LA677</b>	<b>mitsubishi</b>	
		MP132	<b>LA678</b>	1500A023	<b>LX3695</b>
<b>MICRONAIR</b>		MP135	<b>LA170</b>	1500A098	<b>LX3713</b>
MC509	<b>LAK11</b>	MP139	<b>LA189</b>	4730200134	<b>KX44</b>
MC548	<b>LAK58</b>	MP149	<b>LA1057</b>	7803A004	<b>LA1047</b>
MC549	<b>LAK46</b>	MP150	<b>LA43</b>	AK159502	<b>LX1067</b>
MC592	<b>LAK63</b>	MP158	<b>LA668</b>	AK159600	<b>LX3714</b>
MC594	<b>LAK98</b>	MP171	<b>LA650</b>	CA550045	<b>LA1047</b>
MC607	<b>LAK117</b>	MP173	<b>LA184</b>	CD120013	<b>OC1062</b>
MC640	<b>LA1033</b>	MP180	<b>LA344</b>	CDPA0039	<b>LX3190</b>
MC649	<b>LAK62</b>	MP191	<b>LA499</b>	CDPA0040	<b>LXS292</b>
MC676	<b>LA1037</b>	MP192	<b>LA601</b>	MB220900	<b>KC46</b>
MC724	<b>LAK422</b>	MP196	<b>LA301</b>	MD069782	<b>OC274</b>
MC748	<b>LA1050</b>	MP197	<b>LA298</b>	MD603346	<b>LX3714</b>
MC783	<b>LAK612</b>	MP198	<b>LA682</b>	MD603446	<b>LX3714</b>
MP0002	<b>LA689</b>	MP201-2	<b>LA428/S</b>	MD620823	<b>LX3715</b>
MP0003	<b>LA690</b>	MP220	<b>LA649</b>	MD620837	<b>LX3715</b>
MP003	<b>LA1049</b>	MP229-2	<b>LA654/S</b>	ME0049099	<b>OC299</b>
MP0031	<b>LA691</b>	MP234	<b>LA1036</b>	ME013307	<b>OC1062</b>
MP0032	<b>LA692</b>	MP236	<b>LA1003</b>	MK666096	<b>OC613</b>
MP0033	<b>LA693</b>	MP242	<b>LA653</b>	MR188657	<b>LX3696</b>
MP009	<b>LA11</b>	MP263	<b>LA439</b>	MR398288	<b>LA1003</b>
MP011	<b>LA45</b>	MP269	<b>LA648</b>	MR398288	<b>LAK1003</b>
MP012	<b>LA9</b>	MP270	<b>LA396</b>	MR552951	<b>LX3696</b>
MP013	<b>LA123</b>	MP277	<b>LA343</b>	MR571473	<b>LX3715</b>
MP014	<b>LA75</b>	MP282	<b>LA642</b>	MZ690196	<b>LX3715</b>
MP018	<b>LA21</b>	MP283	<b>LA612</b>	XR552951	<b>LX3696</b>
MP020	<b>LA83</b>	MP308	<b>LA1039</b>	XR571473	<b>LX3715</b>
MP028	<b>LA180</b>	MP321	<b>LA422</b>		
MP029	<b>LA82</b>	MP328	<b>LA694</b>	<b>MOTOCANA</b>	
MP033	<b>LA87</b>	MP344	<b>LA818</b>	51741	<b>HX51D</b>
MP034	<b>LA395</b>	MP368	<b>LA531</b>		
MP034	<b>LA8</b>	MP370	<b>LA609</b>		
MP037	<b>LA81</b>	MP371	<b>LA643</b>	<b>MOTORCRAFT</b>	
MP038	<b>LA1034</b>	MP372	<b>LA607</b>	FL500S	<b>OC1240</b>
MP039	<b>LA56</b>	MP373	<b>LA647</b>		
MP041	<b>LA78</b>	MP375	<b>LA695</b>	<b>MTU</b>	
		MP376	<b>LA676</b>		

MTU	MAHLE	MWM	MAHLE	NASA	MAHLE
10945104	LX271/2	905410500095	KC121	NP1311	KX25
3441800109	OX197D	905411510015	KC18	NP1312	KX23
8690940	LX265	905411510019	KC121	NP1315	OX214D
8690940020	LX273	905411510027	KC492	NP1317	KX35
		905411510028	KC492	NP1319	OX75D
		905411880011	OC35	NP1320	KX36
		905411880012	OC26	NP1321	OX198D
		905411880013	OC60	NP1322	OX217D
		905411880018	OC404	NP1327	OX43D
		905411880022	OC35	NP1330	KX24
		905411880023	OC404	NP1334	OX197D
		905411880026	OC404	NP1355	OX199D
		905411880031	OC121	NP1356	OX69D
		905412970012	LX200	NP1357	OX71D
		905412970013	LX236	NP1360	KX89/2D
		905412970014	LX275	NP1361	OX150D
		905412970037	LXS5/1	NP1362	OX95D
		905412970038	LX1057	NP1370	KX88/1D
		905412979004	LX1065	NR1101	LX963
		90541420083	KX23	NR1103	LX200
		9451080065	KC24	NR1104	LX904/1
		945108015	KX44	NR1105	LX903/1
		945108019	KX43	NR1111	LX241
		9455080100	KX35	NR1112	LX271/2
				NR1113	LX902/1
				NR1114	LX1065
				NR1116	LX208/1
				NR1118	LX1068
				NR1119	LX157
				NR1121	LX900/1
				NR1123	LX275
				NR1124	LX961
				NR1125	LX243
				NR1126	LX265
				NR1129	LX227
				NR1131	LX1056
				NR1132	LX273
				NR1134	LXS40/1
				NR1135	LXS5/1
				NR1136	LX973
				NR1138	LX202
				NR1143	LX17
				NR1144	LX236
				NR1145	LX55
				NR1148	LX905/1
				NR1160	LX116
				NR1161	LX1070
				NR1162	LX1093
				NR1165	LX1101
				NR1167	LX1100
				NR1195	LX272
				NR1196	LX958/1
				NR1197	LX64
				NR1198	LX906

MTU	MAHLE
10945104	LX271/2
3441800109	OX197D
8690940	LX265
8690940020	LX273
<b>MULLER</b>	
10945204	LX265
11843925	OX197D
1457431159	KX44
158139	OX218D
159706	OX198D
1845825	OX85D
4773815	KX43
50060082	OC319
50060083	WFC1
63306306	OC60
69302110	OX197D
69303201	LX243
69304102	KC24
69304103	KX35
69304401	KX92D
69304501	KX23
69305106	OX5D
69305202	HX51D
69306101	OX200D
69306103	OX18D
69306105	OX47D
69306110	OX197D
69306301	OC26
71032	OC38
EFOL3	OX30D
<b>MWM</b>	
47A3	KX25
605411520020	KC113
605412970004	OX47D
605412970032	LX236
605412970033	LX243
605412970034	LX265
605412970049	LXS43/1
605412970050	LX271/2
606901670113	LX236
606901670114	LXS41/1
606901670115	LXS37/1
606901970110	LX273
620T18689	OX85D
808C01703E1	OC18
9.0541.05.0.0115	KL422
9.0541.15.1.0020	KC122
9.0541.15.1.0023	KC437
9.0541.15.1.0035	KL747
9.0541.15.1.0036	KL428
9.0541.15.1.0037	KX212

MWM	MAHLE
905410500095	KC121
905411510015	KC18
905411510019	KC121
905411510027	KC492
905411510028	KC492
905411880011	OC35
905411880012	OC26
905411880013	OC60
905411880018	OC404
905411880022	OC35
905411880023	OC404
905411880026	OC404
905411880031	OC121
905412970012	LX200
905412970013	LX236
905412970014	LX275
905412970037	LXS5/1
905412970038	LX1057
905412979004	LX1065
90541420083	KX23
9451080065	KC24
945108015	KX44
945108019	KX43
9455080100	KX35
<b>NASA</b>	
058133843	LX448
BF1605	KX44
NA2001	KL222/KL63
NF1605	KX44
NF1606	KX43
NF1607	KX49
NG1702	KL222
NH1904	HX15
NH1905	HX58-DIR.
NH1908	HX54
NH1909	HX51D
NH1912	HX52
NH1916	OX216
NI100	KL60
NI103	KL225
NI105	KL83
NI110	KL223
NI111	KL237
NI130	KL2
NI131	KL79
NL1802	OX85D
NL1803	OX30D
NP1301	OX3D
NP1302	OX47D
NP1303	OX18D
NP1307	OX215D
NP1308	OX200D

NASA	MAHLE
NP1311	KX25
NP1312	KX23
NP1315	OX214D
NP1317	KX35
NP1319	OX75D
NP1320	KX36
NP1321	OX198D
NP1322	OX217D
NP1327	OX43D
NP1330	KX24
NP1334	OX197D
NP1355	OX199D
NP1356	OX69D
NP1357	OX71D
NP1360	KX89/2D
NP1361	OX150D
NP1362	OX95D
NP1370	KX88/1D
NR1101	LX963
NR1103	LX200
NR1104	LX904/1
NR1105	LX903/1
NR1111	LX241
NR1112	LX271/2
NR1113	LX902/1
NR1114	LX1065
NR1116	LX208/1
NR1118	LX1068
NR1119	LX157
NR1121	LX900/1
NR1123	LX275
NR1124	LX961
NR1125	LX243
NR1126	LX265
NR1129	LX227
NR1131	LX1056
NR1132	LX273
NR1134	LXS40/1
NR1135	LXS5/1
NR1136	LX973
NR1138	LX202
NR1143	LX17
NR1144	LX236
NR1145	LX55
NR1148	LX905/1
NR1160	LX116
NR1161	LX1070
NR1162	LX1093
NR1165	LX1101
NR1167	LX1100
NR1195	LX272
NR1196	LX958/1
NR1197	LX64
NR1198	LX906

NASA	MAHLE	NASA	MAHLE	NEW HOLLAND	MAHLE
NR1204	LX901	NS1025	OC35	824846	LXS42/1
NR1206	LX974	NS1026	KC24	824847	LX227
NR1207	LX975	NS1027	OC318	82981152	LX3986
NR1208	LXS231	NS1028	OC332	83977314	KC107
NR1211	LX687	NS1030	OC38	84032107	LX3605
NR1216	LX523	NS1032	KC114	86982524	LX3986
NR1218	LX448	NS1036	HC83-TRANS.	87344136	LXS292
NR1219	LX909	NS1037	HC76	87435525	KC214
NR1220	LX907	NS1038	OC302	87636412	LXS261
NR1221	LX1312	NS1043	KC18	87803197	KC440
NR1222	LX453	NS1044	OC40	87840136	KC122
NR1224	LX908	NS1046	OC250	922214	LA883
NR1225	LX910	NS1047	OC261	9455080100	KX35
NR1227	LX964	NS1048	OC320	9576153	LX236
NR1230	LXS41/1	NS1049	OC282(By Pass)	E5HN6714BB	OC334
NR1232	LX1057	NS1050	KC22	FONN9176BA	KC18
NR1235	LX962	NS1052	OC235	R468091	KC119
NR1238	LX970	NS1055	KC107		
NR1238/1	LX450	NS1056	KC75		
NR1239	LX93	NS1057	OC35	<b>NISSAN</b>	
NR1240	LX614	NS1060	OC404	15208-6S300	OC404
NR1242	LX1069	NS1062	KL41	16400-EC00B	KL440/4
NR1246	LX971	NS1064	KC113	16400ZT50A	KL583(Plus)
NR1247	LX1056	NS1065	KC94	164037F40A	KC189
NR1250	LX972	NS1067	OC309	16403JR00A	KC189
NR1254	LX969	NS1068	KC4	1640502N10	KC518
NR1256	LX1055/1	NS1070	KC133	16546001Q1J	LX1563
NR1264	LX960	NS1074	OC274	16546-0Z000	LX307
NR1268	LX290	NS1078	KC46	16546-0Z00J	LX307
NR1272	LX513	NS1079	OC81	165463AW0A	LX3487
NR1273	LX1098	NS1086	OC239	165463S903	LX3780
NR1274	LX435	NS1087	KC83	16546-70J10	LX307
NR1288	LX1314	NS1091	KC129	165467F000	LX3780
NR1290	LX567			165467F000B1	LX3780
NR1294	LX1067	<b>NEW HOLLAND</b>		165467F002	LX3780
NRS1152	LXS42/1	1930587	LX3604	16546-EB300	LX935
NS1001	OC317	1930589	LX3986	16546-EB70A	LX3519
NS1002	OC266	1930605	LX3615	16546ED000	LX1631
NS1003	OC300	1931099	OC1178	16546-ET00A	LX957/3
NS1004	OC47	466138	KX43	20421NY00J	UX1D
NS1005	OC259	467137	LX243	22277EN000	LA396
NS1006	OC18	467138	LXS37/1	27274EB700	LA817/S
NS1007	OC23	479899	OX85D	272774M400	LA1040
NS1009	OC301	479981	LX236	272774M425	LA1040
NS1010	OC324	479982	LXS41/1	27277EN025	LA396
NS1011	OC114	5573102	OX5D	278913DF0A	LA1102
NS1012	OC308	73401702	LX3618	27891EL00A (CES0802)	LA818
NS1013	OC90	73402064	LX3615	B72005M000	LA1040
NS1016	OC67	758705	OC60	BRPRT10408	KL440/4
NS1017	OC26	758904	OX199D	BRPRT10429	LA903
NS1019	OC66	82027153	LX3618		
NS1020	OC60	822421	LX265	<b>OPEL</b>	
NS1021	OC30	822434	OX197D	4403019	OC309
NS1022	OC534			649008	OC115

<b>OPEL</b>	<b>MAHLE</b>	<b>PARKER</b>	<b>MAHLE</b>	<b>PEUGEOT</b>	<b>MAHLE</b>
649008	<b>OC115</b>	RL-388	<b>OC613</b>	6447.93	<b>LA9</b>
		RL-406	<b>OC335</b>	6447.AZ	<b>LA57</b>
<b>PARKER</b>		RP-802	<b>OX174D</b>	6447.JO	<b>LA123</b>
2040PM-OR	<b>KX89/2D</b>	S-3015	<b>KC120</b>	6447.KR	<b>LA184</b>
900236Q/10Q (PERI-250)	<b>HC4</b>	TXW8C-GDL10B	<b>HX107</b>	6447.NT	<b>LA138</b>
AF2139LL	<b>LXS299</b>			6447.TY	<b>LA123</b>
AF2499RS	<b>LX2528</b>	<b>PERKINS</b>		6447.VY	<b>LA1099/S</b>
AR-5626RS	<b>LX1056</b>	1845825	<b>OX85D</b>	6447.XF	<b>LA428/S</b>
AR-5722	<b>LX1281</b>	26510093	<b>LX3714</b>	6447.LY	<b>LA1057</b>
AR6326RS	<b>LX1092</b>	26510216	<b>LX3714</b>	6447RG	<b>LA1033</b>
AR-6333RS	<b>LX2082/1</b>	26510337	<b>LX3604</b>		
KR20014	<b>FT6211718</b>	2710797M91	<b>LX236</b>	<b>PLATINUM</b>	
KR27004	<b>FT6211700</b>	2710801M1	<b>LXS40/1</b>	PL1411G6	<b>KL222</b>
PERI-326	<b>HC110</b>	2710804M1	<b>LX275</b>	PL1413A6	<b>KL222/KL63</b>
PERI-375	<b>HC101</b>	2710805M1	<b>LXS5/1</b>	PL1417	<b>KX43</b>
PERI-381	<b>HC103</b>	423651	<b>KX24</b>	PL1418	<b>KX44</b>
PERI384	<b>HC104</b>	6354129	<b>KC18</b>	PL1421	<b>KC130</b>
PERI-659	<b>HC107</b>	635776	<b>KX23</b>	PL1422	<b>KC18</b>
PERI-705	<b>HC108</b>	70023	<b>LX973</b>		
R12010MBAQII	<b>KC126</b>	70997040	<b>OX18D</b>	<b>PSA</b>	
R120L-10M-AQII	<b>KC500D</b>	71016	<b>OX200D</b>	190697	<b>KX208D</b>
R120L-10MB-AQII	<b>KC501D</b>	71029	<b>OC308</b>	190698	<b>KX208D</b>
R-260P	<b>KC495D</b>	CH11217	<b>LX3605</b>	1906C4	<b>KX208D</b>
R-26-10MB-AQII	<b>KC496D</b>	PF60017	<b>LX3714</b>	95667986	<b>LA8</b>
R90-10MB-AQII	<b>KC497D</b>			9647867780	<b>KL583(Plus)</b>
R90HDP-VOL	<b>KC498D</b>	<b>PEUGEOT</b>		9659458480	<b>KL583(Plus)</b>
RA-2016	<b>WFC4</b>	1109.R6	<b>OX193D</b>	9673849	<b>KL72</b>
RAD-30011	<b>AL12-DESUM.</b>	1109Q0	<b>OC248</b>		
RC-339	<b>KC75</b>	1109Q1	<b>OC248</b>	<b>PUCH</b>	
RC-344	<b>KC24</b>	1444.CL	<b>LX1048</b>	79200361087	<b>AL12-DESUM.</b>
RC-345	<b>KC94</b>	1444.EX	<b>LX478/1</b>		
RC-347-AQ	<b>KC437</b>	1444.G9	<b>LX643</b>	<b>PUMA</b>	
RC-353-HP	<b>KC492</b>	1444.H3	<b>LX645/1</b>	2654403	<b>OC324</b>
RC-358	<b>KC251</b>	1444.J4	<b>LX645/1</b>	2656017	<b>KX23</b>
RC-376	<b>KC440</b>	1444.PT	<b>LX1745</b>	401296194	<b>LX904/1</b>
RC-381	<b>KC441</b>	1444.PX	<b>LX1765</b>	7323589	<b>LX902/1</b>
RC-396	<b>KC171</b>	1444.QF	<b>LX645/1</b>	7323958	<b>OC301</b>
RC-399	<b>KL446</b>	1444.SP	<b>LX3354</b>	7323959	<b>OC114</b>
RC-400	<b>KL928</b>	1444.TF	<b>LX645/1</b>	7500612	<b>KL222/KL63</b>
REC-150	<b>KX80D</b>	1444.V2	<b>LX795</b>	75006120	<b>KL222</b>
REC-151	<b>KX182/1D</b>	1444.W3	<b>LX1048</b>	905411420003	<b>KX43</b>
REC-152	<b>KX182D</b>	1444.W5	<b>LX1048</b>	905411880009	<b>OC26</b>
REL-100	<b>OX348D</b>	1444.W6	<b>LX1048</b>	905412970014	<b>LX275</b>
REL-101	<b>OX168D</b>	144408	<b>LX572</b>	905412970037	<b>LXS5/1</b>
REL-102	<b>OX980D3</b>	144488	<b>LX572</b>	9455080100	<b>KX35</b>
REL-802	<b>OX174D</b>	1444A9	<b>LX572</b>	ZBA261275H	<b>KL222/KL63</b>
REL-803	<b>OX161/D</b>	1444F3	<b>LX572</b>		
RH-343-10B	<b>HC96</b>	1444TT	<b>LX3699</b>	<b>PURIAR</b>	
RL-137	<b>OC67</b>	144508	<b>LX572</b>	PA1202	<b>LX1065</b>
RL-332	<b>OC304</b>	144888	<b>LX572</b>	PA1251	<b>LX116</b>
RL-370	<b>OC1176</b>	144A4	<b>LX572</b>	PA1252	<b>LX1062</b>
RL-377	<b>OC502</b>	190650	<b>KX446D</b>	PA1255	<b>LX1101</b>
RL-382	<b>OC1178</b>	6447.55	<b>LA32</b>		

PURIAR	MAHLE	PUROLATOR	MAHLE	PUROLATOR	MAHLE
PA1257	LX1100	6657349	OX47D	PC244	OC40
PA1258	LXS232	6673146	HX52	PC42	KC113
PA1535/1	LX903/1	6690452	LX1100	PED109	KX35
PA2004	LX963	6692713	KX92D	PED117	KX36
PA2005	LX905/1	6694036	KC133	PER17	OC18
PA2007	LX227	9304811	LX1101	PER224	OC334
PA2008	LX975	A1012	LX687	PER275F	KC4
PA2009	LXS231	A1017	LX962	PER281H	HC85
PA2011	LX64	A1123	LX614	PER43	KC107
PA2051	LX157	A1131	LX684	PER4422	OC320
PA2052	LX55	A1171	LX1287	PER53	KC114
PA2401	LX902/1	AF2040K	LX17	PER67	OC121
PA2402	LX236	AF2052	LX1062	PF3013D	KX49
PA4051	LXS37/1	AF2053	LX1063	PL31	OX197D
PA4052	LXS42/1	AF2209	LXS231	PM1096	LX200
PA4801	LX275	AF2211	LX975	PM1568	LX227
PA4802	LXS40/1	AF2875	LXS232	PM1605	LX236
PA4803	LXS5/1	AF3098	LXS40/1	PM1623	LX241
PA4804	LXS41/1	AF3100	LXS41/1	PM1628	LX243
PA4805	LX17	AF3101	LXS37/1	PM1760	LX273
PA4851	LX200	AF3102	LXS42/1	PM1762	LX275
PA4852	LX243	AF3103	LXS43/1	PM2026	OX43D
PA4853	LX265	AF3104	LXS44/1	PM2429	OX69D
PA6001	LX973	AF3492	OC302	PM2447	OX75D
PA7201	LX241	AF3498	LX271/2	PM5122	HX15
PA7203	LX273	AF3519	LX265	PW4452	WFC1
PA7204	LXS43/1	AF3549	LX970	PW4453	WFC4
PA7205	LX970	EP1321	OX3D	PW4456	WFC3
PA8452	LX904/1	EP78	OX5D	PZ453	KX43
PA8453	LX208/1	FC140	OC23	PZ454	KX44
PA8456	LX900/1	FCA90	LX905/1		
PA8457/B	LX901	FCG152	KC18	<b>RACINE</b>	
PA8460	LX272	FCO1	OC67	4450401	HC76
PA8503	LX93	FCO213	HC45		
PAE2001/PP	KL222	FPT750B	OX198D	<b>RACOR</b>	
PB1450	WFC1	GF11	KL222	2020PM-OR	KX88/1D
PC1251	KX91	HOT40	OC114	2020TP-30M	KX88/1D
PC1252	KC114	MF229A/1	OX217D	2040TP-30M	KX89/2D
PC1430	KC133	MF67600A	OC30	AR20325	LX243
PC2081	KC4	MFF783A	KX24	AR2204	LX972
PC4851	KX44	N51	OX85D	AR2209	LXS231
PC4852	KX43	P137	HX51D	AR23440	LX243
PC4852/PP	KX35	P141	OX215D	AR23440/1	LX227
PC4901	KX25	P41	OX218D	AR24650	LX241
PC6001	KX23	P87	OX216	AR24650/1	LX271/2
PC6002	KX24	PB3015D	OX30D	AR6011	LX902/1
PC7205	KC24	PB3052	OX71D	AR6047	LX973
		PC20	OC317	AR6060	LX200
<b>PUROLATOR</b>		PC202	OC26	AR6067	LX265
574112	OX18D	PC210	OC308	AR6121	LXS40/1
574148	OX200D	PC224	OC60	AR6122	LX275
62367	KX25	PC228	OC38	AR6123	LXS5/1
65198	KX91	PC232	OC35	AR6144	LX236
		PC237	OC324		

RACOR	MAHLE	RACOR	MAHLE	RENAULT	MAHLE
AR6154	LX273	RL240/4	HC45	3563616	LX272
AR6159	LXS37/1	RL289	OC121	4207090	LX236
AR6180	LXS41/1	RL293	OC30	4309015	LX236
AR6182	LXS42/1	RL306	OC334	5000133555	OC121
AR6220	LXS43/1	RL313	OC319	5000242510	OX71D
AR6221	LXS44/1	RL315	OC302	5000243098	OX69D
AR6225	LX93	RL316	OC40	5000802977	LXS37/1
AR6226	LX970	RL40	OC114	5000802978	LXS42/1
AR6226/1	LX450	RL7820M	OX5D	5000806336	KC113
AR6234	LX1057	RP346	OX200D	5000814407	HX15
AR6277	LX971	RP352	HX15	5001830112	AL12-DESUM.
AR6289	LX1098	RP403	KX35	5001843522	AL12-DESUM.
AR6291	LX1055/1	RP487	OX197D	5001846631	OX69D
AR6301	LX974	RP567	OX75D	5001865037	AL24-DESUM.
AR6309	LX910	RP638	OX199D	6005000929	OC26
AR6316	LXS227	RP673	OX150D	7420754418	KC200
R120-30MB	KC126	RP699	OX95D	7420796782	OX1026D
R-26-A50	KC119	RP700	OX71D	7420875666	KC300
R28-30M	KC120	RP701	OX69D	7420877950	UX2D
R45-10M	KC121	RR17	OC308	7420877953	UX2D
R60-10HP	KC127	S-3242	KC118	7420972291	KC300
R60-10M	KC122			7420998809	OX1026D
R90-10HP	KC128	<b>RANDON</b>		7421333098	UX2D
R90-10M	KC123	139097	KX92D	7700109402	OX210D
R90-30M	KC124	1457431159	KX44	7700424093	LA609
R90-30MB	KC125	158139	OX218D	7700424098	LA87
RA2010	WFC1	159706	OX198D	7700428820	LA40
RA2013	WFC3	173171	OC18	7700428820	LA60
RA2070	WFC2	210970	KC24	7700640165	OC23
RA2072	WFC4	2180018215	KX89/2D	7700730077	OC318
RC149A	KX23	2180025394	KC119	7700734945	OC309
RC253A	KX24	69489	LX241	7700834816	LA23
RC2677	KC130	7925245	LX271/2	7700860823	OC248
RC2687	KC131			7700873583	OC309
RC291	KC18	<b>RENAULT</b>		7701002178	OX47D
RC329	KC24	1231545	OX18D	7701019017	LX236
RC330	KC113	2241034	LX243	7701019018	LXS41/1
RC346AQ	KC129	24152004	KX44	7701033713	LX330
RC-351	KL761	24164103	OC60	7701036270	LX3723
RC43	KC107	272773223R	LA665	7701039857	LX646/1
RC5188	KL222/KL63	272774813R	LA820	7701043709	LX646/1
REC-672	KX67/2D	272775374R	LA1032	7701059997	LA1032
RI16S13Z	KX44	3141914	OC67	7701062227	LA1032
RI391	OX30D	3563021	LX273	7701069211	LX2830
RI392	KX43	3563365	LX236	7701205278	LA33
RI415	OX85D	3563512	LX265	7701206705	OX209D
RI641	KX49	3563513	LX241	7701208613	KX218D
RI672	KX67/2D	3563565	LX236	7701348175	LX290
RL137	OC324	3563570	LX275	7701472321	OX210D
RL17	OC18	3563577	LX200	7702217250	OC704
RL208	OC60	3563595	LX227	7702295409	LX876
RL221	OC301	3563603	OC308	770730077	OC318
RL222	OC26	3563608	LX271/2	8200004835	OX210D
RL236	OC35			8200257642	OC475

RENAULT	MAHLE	ROMA	MAHLE	ROMA	MAHLE
8200274858	<b>OC704</b>	LU7	<b>OX18D</b>	R610	<b>LX969</b>
8200292649	<b>OC475</b>	LU8009	<b>OX71D</b>	R610S	<b>LXS225</b>
8200371661	<b>LX957/3</b>	LU8139	<b>OX218D</b>	R620	<b>LX208/1</b>
8200386495	<b>KL583(Plus)</b>	LU8425	<b>OX69D</b>	R621	<b>LX903/1</b>
8200431051	<b>LX773</b>	LU9	<b>OX47D</b>	R650	<b>LX241</b>
8200505566	<b>LX1656</b>	LU9321	<b>OX43D</b>	R703	<b>LX973</b>
8200848492	<b>LA606</b>	LUS10	<b>OC301</b>	R797	<b>LX236</b>
854806000	<b>KX43</b>	LUS11	<b>OC114</b>	R798S	<b>LXS41/1</b>
870176000	<b>KX35</b>	LUS12	<b>OC67</b>	R804	<b>LX275</b>
944700162	<b>OX85D</b>	LUS17	<b>OC26</b>	R8047	<b>LX116</b>
ELP 3977	<b>LX1563</b>	LUS19	<b>HC45</b>	R8047S	<b>LX1062</b>
		LUS19/2	<b>OC47</b>	R805S	<b>LXS5/1</b>
<b>ROMA</b>		LUS20	<b>OC18</b>	R833	<b>LX958/1</b>
AGS761	<b>WFC3</b>	LUS2005	<b>OC23</b>	R8780	<b>LX1102</b>
AGS8157	<b>WFC2</b>	LUS25	<b>OC317</b>	R8848	<b>LX1055/1</b>
AGS9080	<b>WFC1</b>	LUS28	<b>OC324</b>	R910	<b>LX1057</b>
AL850	<b>KL222/KL63</b>	LUS29	<b>OC308</b>	R930	<b>LX200</b>
CBO10000	<b>KX35</b>	LUS3135	<b>OC30</b>	R930S	<b>LXS40/1</b>
CBO115	<b>KX44</b>	LUS3281	<b>OC319</b>	R940	<b>LX265</b>
CBO4020	<b>KX89/2D</b>	LUS339	<b>OC35</b>	R940S	<b>LXS37/1</b>
CBO70	<b>KX43</b>	LUS4004	<b>OC121</b>	R941	<b>LX243</b>
CBO705	<b>KX49</b>	LUS4408	<b>OC38</b>	R960	<b>LX64</b>
CBO71	<b>KX23</b>	LUS6	<b>OC300</b>	R9601	<b>LX227</b>
CBO729	<b>KX91</b>	LUS62	<b>OC60</b>	R9601S	<b>LXS42/1</b>
CBO796	<b>KX24</b>	LUS6714	<b>OC334</b>	TU1924	<b>OX75D</b>
CBO80	<b>KX25</b>	LUS6714AA	<b>OC302</b>	TU825	<b>OX197D</b>
CBOS001	<b>KC4</b>	LUS6714CB	<b>OC122</b>		
CBOS065	<b>KC24</b>	LUS6714CCB	<b>OC40</b>	<b>SANTA MATILDE</b>	
CBOS3410	<b>KC107</b>	LUS675	<b>OC90</b>	10945204	<b>LX265</b>
CBOS50	<b>KC114</b>	LUS8615	<b>OC320</b>	11843925	<b>OX197D</b>
CBOS6172	<b>KC133</b>	LUS8853	<b>OC304</b>	3080947004	<b>LX200</b>
CBOS970	<b>KC113</b>	R1050	<b>LX273</b>	3080947104	<b>LXS40/1</b>
CJ288C	<b>KC130</b>	R1050S	<b>LXS44/1</b>	3445867890	<b>OX85D</b>
GU95	<b>KL222</b>	R1069	<b>LX971</b>	3450947004	<b>LXS37/1</b>
HD4124	<b>OX5D</b>	R1096	<b>LX972</b>	71028	<b>OC324</b>
HD468	<b>HX51D</b>	R1185	<b>LX970</b>	71032	<b>OC38</b>
HD538	<b>HX58-DIR.</b>	R143	<b>LX17</b>	711/296	<b>KX23</b>
HD604	<b>HX15</b>	R192	<b>LX901</b>	7323589	<b>LX902/1</b>
HD64	<b>HX52</b>	R195	<b>LX900/1</b>	7323959	<b>OC114</b>
HD710	<b>HX53-DIR.</b>	R2010	<b>LX906</b>	905411880008	<b>OC60</b>
HDS3060	<b>HC83-TRANS.</b>	R22	<b>LX963</b>	905412970014	<b>LX275</b>
HDS486	<b>HC76</b>	R222	<b>LX905/1</b>	905412970037	<b>LXS5/1</b>
LU125	<b>OX95D</b>	R23	<b>LX902/1</b>	9451080019	<b>KX43</b>
LU13	<b>OX30D</b>	R24	<b>LX1065</b>	9455080100	<b>KX35</b>
LU200	<b>OX215D</b>	R282	<b>LX975</b>	D4NNB486C	<b>HC76</b>
LU225	<b>OX150D</b>	R282A	<b>LX974</b>	T2D261277	<b>KL222/KL63</b>
LU3	<b>OX214D</b>	R282S	<b>LXS231</b>		
LU40	<b>OX217D</b>	R447	<b>LX157</b>	<b>SANTIAL</b>	
LU408	<b>OX85D</b>	R450	<b>LX272</b>	1019235M1	<b>HX54</b>
LU484	<b>OX3D</b>	R515	<b>LX904/1</b>	103702	<b>HX51D</b>
LU5	<b>OX200D</b>	R517S	<b>LXS43/1</b>	11843925	<b>OX197D</b>
LU608P	<b>OX199D</b>	R522	<b>LX55</b>	173171	<b>OC18</b>
LU6838	<b>OX198D</b>	R5386	<b>LX93</b>	192224	<b>LX265</b>
		R601BA	<b>LX202</b>		

<b>SANTIAL</b>	<b>MAHLE</b>	<b>SCANIA</b>	<b>MAHLE</b>	<b>SLC</b>	<b>MAHLE</b>
192225	LXS37/1	1913500	LA702	3445867890	OX85D
210970	KC24	1913503	LA432	3450947004	LXS37/1
2645403	OC324	1913503 (1420197 / 1379952)	LA650	3450947304	LX227
2710804M1	LX275	2002705	HC96	711/296	KX23
2710805M1	LXS5/1	219517	LX271/2	905411880009	OC26
2710806M1	KX24	261185	LX970	9455080100	KX35
3444777215	KX43	275588	LX273	D4NNB486C	HC76
4773115	KX44	365729	LX273	DQ06137	OX197D
531050	LX273	365729	LX450	DQ08522	LXS42/1
905411880008	OC60	395773	LX531	DQ11757	OC60
9455080100	KX35	397813	LXS287	S01175	HX53-DIR.
		524020	KX89/2D		
<b>SCANIA</b>		524020	WFC3	<b>SSANGYONG</b>	
1117285	OC403	524760	WFC4	2247008B00NA	KL928
1301696	HC96	524761	KC113	2319009000	LX3698
1347726	OC403	524762	LX273	2319009001	LX3698
1372444	KC94	531050	LXS43/1	2319021000	LX3698
1375997	AL12-DESUM.	534152	KX44	2319021001	LX3698
1377099	LX712	62325	LX241	2319021003	LX3698
1377200	LXS262	69489	OC23	6650921101	KL446
1377201	LXS288	834940		6650921301	KL446
1393640	KC124	<b>SCHUCK</b>	KL796		
140141	LXS44/1	SK133	LA56	<b>STEYER</b>	
1411894	KC441	SK402	LA31	1855503	KX43
1421021	LX712	SK415	LA153	1855504	KX35
1421022	LX714	SK428	LA87	3110019019	LXS40/1
1423414	LX1069	SK436	LA82	4060716	OC18
1429059	KX182/1D	SK437	LA81	41185190010	LX275
1446432	KX182/1D	SK441	LA1049	4118519007	LXS5/1
1459762	KX182D	SK446	LA696	480A470060	HX15
1484437	LXS312	SK470	LA693	559000710020	LX241
1485592	LX1313/1	SK494	LA692	61000070005	OC60
1510905	LX1313/1	SK495	LA698	61100190020	LXS41/1
1510942	LXS312	SK972		61100190028	LX236
153468	HX15			61200190002	LX243
1545482	UX1D	<b>SEAT</b>		61200190027	LX236
1671501	KX89/2D	6X201511B	KL84	61200190033	LXS37/1
1671502	KX88/1D			61200190037	LX265
1675795	KX89/2D	<b>SEMERARO</b>	HX57D	61407105	OX30D
1730757	LX712	3516200105	HC84-TRANS.	614080740	KX44
173171	OC18	3521300961		7101070332	OC26
1759847	LXS313			7121081072	KL222
1761034	UX1D	<b>SINOTRUK</b>		7121190021	LX200
1763776	KC441	211000004	LXS316	79200361087	AL12-DESUM.
1795459	UX1D	4592056389	LXS316	79200361090	AL12-DESUM.
181646	KC24	WG9725190103	LX3562	99000190075	LX227
1852188	UX1D			99000190137	LX271/2
1869992	LX3581	<b>SLC</b>		99012190030	LXS43/1
1869993	LX3534	10945204	LX265	99014190033	LX273
1872151	LX712	1845825	OX199D		
1873016	KX182D	228468	HX51D	<b>SUBARU</b>	
1873018	KX182/1D	3444777215	KX43	16546-AA020	LX307
1907422	UX1D			16546-AA080	LX307

<b>SUBARU</b>	MAHLE	<b>TEMA TERRA</b>	MAHLE	<b>TOYOTA</b>	MAHLE
72880AG000	LA1041	Z92060068	HX57D	1780154080	LX912
72880FE000	LA1045			1780167060	LX3235
G3210FE00	LA1045	<b>TEREX</b>		17801-67070	LX2530
		120877	OX198D	1780168030	LX3704
<b>SUZUKI</b>		15270188	LX3605	1781198003	LX275
1541267G00	KX446D	15288430	LXS43/1	1781198004	LXS5/1
1541286CT0	KX446D	156172	KC133	1845825	OX85D
1651003G00X07	OC1018	173171	OC18	233000D100	KL582(Plus)
1651078E00	OC1237	210970	KC24	23300-15020	KL139
1651078J01	OC1239	299080	WFC1	23300-19285	KL140
1651078J01000	OC1239	5573102	OX5D	23390-0E010	KX268D
1651078J1000	OC1239	6436290	OX218D	23390-0L010	KX268D
1651678E00	OC1237			4773815	KX43
95860-80J00	LA682	<b>THERMO KING</b>		4774715	KX35
9586081A00	LA1044	111690	KX44	87139-02070	LA109
9586081A01	LA1044	1120265PAPEL	KX35	871390D080	LA1103
9586081A10	LA1044	112065FELTRO	KX43	871390K010	LA655
9586164J00	LA1043	112180	OX47D	8713930040	LA655
95861-65D00-000	LA654/S	5D55634H01	LA696	8713932010	LA647
		5D55634H05	LA693	8713933010	LA1042
<b>TECNECO</b>		5D55634H06	LA692	8713947010	LA1041
AR462PM	LX3723			8713947010-83	LA1041
OL525	OC1222	<b>TOP PARTS</b>		8713952020	LA655
		130001	OC60	8850812010	LA1001
<b>TECNOCAR</b>		130002	OC26	8850812020	LA1001
OP628	OX71D	130003	OX47D	8850812030	LA1001
R302	OC47	130004	KX44	88568-52010	LA109
		130005	KX43	90080-91058	OC534
<b>TEMA TERRA</b>		130010	LX1057	90915-03001	OC534
173171	OC18	130015	HC83-TRANS.	90915-03002	OC235
206015	HX51D	130018	OC18	9091503005	OC235
210975	KC24	130019	KC107	9091503006	OC275
3327286	KL222/KL63	130020	KC113	90915-10001	OC534
3431847325	OX199D	130021	OC320	90915-10003	OC534
6438839	KC113	130212	LX236	9091530002	OC275
9451080019	KX43	130213	LXS41/1	90915TB001	OC235
9455080100	KX35	130214	LX275	90915-YZZA3	OC534
P206004	OC67	130215	LXS5/1	T0415237010	OX1041D
P206005	OX5D	130501	OC35		
P206006	OX215D			<b>TRINOVA</b>	
P206009	KX23	<b>TOYOTA</b>		228468/27	HX51D
P206011	OX18D	0415237010	OX1041D		
P206013	OX200D	04152YZZA6	OX1041D	<b>TROLLER</b>	
P206019	OX30D	11844425	OX43D	2101362002	KL425
P206025	LX243	15600-13051	OC534		
P206027	OX85D	1561380001	OX150D	<b>TURBO</b>	
P206037	LX200	17741U210071	LX2959	TR-25302	LX3618
P206054	LX241	17801-0C010	LX2125	TR-30174	LX3617
P206056	OX197D	17801-21050	LX1286	TR-3605	LX3615
P206065	LX275	17801-21050	LX3703		
P206067	OC324	17801-22020	LX1286	<b>TUTELA</b>	
Z92060068	HX57D	1780141050	LX3704	A02	LX208/1

TUTELA	MAHLE	TUTELA	MAHLE	VALMET	MAHLE
A04	LX903/1	LB164	OC26	80062000	LXS5/1
A08	LX904/1	LB166	OC324	80062100	LXS41/1
A10	LX900/1	LB168	OC38	80070400	LXS37/1
A14	LX901	LB170	KC107	80270500	LX265
A16	LX902/1	LB172CAT	OC121	80504300	LXS42/1
A18	LX958/1	LB174	OC30	80504400	LX227
A22	LX963	LC242	OX215D	81028400	KC107
A24	LX905/1	LC248	OX197D	81028800	KC24
A28	LX64	LC250	OX85D	81035900	OC320
A30	LX157	LC252	OX30D	81248200	KX24
A32	LX55	LC254	OX199D	82640400	LX236
A52	LX236	LC256	OX75D	836015106	KX23
A54	LX1065	LC260	OX200D	836647133	OC335
A56	LX975	LC262	OX18D	84340700	LXS295
A58	LX275	LC264	HX52	88834	KC107
A60	LX271/2	LC266	OX3D	9455080100	KX35
A62	LX241	LC274	OX95D		
A64	LX273	LC276	OX150D		
A66	LX970	LH324	HC76	20531300	LA954
A68	LX265	LH326	HX15	20531300	LAK954
A70	LX200	PL132/1	OX5D	33050400	LA954
A72	LX243			33050400	LAK954
A74	LX973				
A76	LX116				
A78	LX1101				
A80	LX1062				
A82	LX1063				
A84	LX93				
CA312P	KL222/KL63				
CB202	KC18				
CB204	KC24				
CB208	KC114				
CB210	KX23				
CB212	KX24				
CD222	KX25				
CD224	KX35				
CD226	KX43				
CD230	KX44				
CD232	KX49				
CG304	KL222				
LB102	HC45				
LB106	OC317				
LB108	OC301				
LB110	OC114				
LB112	OC90				
LB114	OC67				
LB116	OC300				
LB118	OC23				
LB122	OC47				
LB152	OC302				
LB154	OC40				
LB156	OC18				
LB158	OC35				
LB162	OC60				
		<b>UNIFILTER</b>			
		UA578P	LX2713		
		USH6552	HC101		
		USH6554	HC103		
		USH6582	HC106		
		USH6587	HC107		
		USH6982	HC108		
		USL67	OC529		
		USL670	OC531		
		USL69	OC530		
		USL777	OC532		
		UST325	HC109		
		UST326	HC110		
		<b>VALMET</b>			
		140150	KX43		
		215390	OC60		
		215420	OC26		
		215430	OX47D		
		215450	KX44		
		216230	HX15		
		220530	OC18		
		240410	LX1057		
		291980	LX200		
		293570	LX236		
		30250100	HX55-TRANS.		
		30606000	HC83-TRANS.		
		3327286	KL222/KL63		
		3338079	OC35		
		80061800	LX236		
		80061900	LX275		
				<b>VALTRA</b>	
				20531300	LA954
				20531300	LAK954
				33050400	LA954
				33050400	LAK954
				<b>VAUXALL</b>	
				4403019	OC309
				649008	OC115
				VOF110	OC299
				<b>VICKERS</b>	
				228468	HX51D
				350577	HC84-TRANS.
				<b>VINTO</b>	
				FT561	OC47
				<b>VME</b>	
				104926	OX198D
				12705258	LXS42/1
				12705260	LX227
				162709	OC67
				1845825	OX85D
				228468	HX51D
				3308969	OX18D
				3309559	LXS40/1
				3316074	OC18
				3327286	KL222/KL63
				3336967	OC301
				3338070	LX273
				3338079	OC35
				3338478	LXS37/1
				3338849	LX271/2
				3338850	LXS43/1

VME	MAHLE	VOLKSWAGEN	MAHLE	VOLKSWAGEN	MAHLE
3339193	<b>KX43</b>	1H0819644	<b>LA31</b>	401296193	<b>LX903/1</b>
3339229	<b>LX272</b>	1H0819644	<b>LA56</b>	401296194	<b>LX904/1</b>
3339238	<b>OX197D</b>	1J0129620	<b>LX684</b>	401296195	<b>LX900/1</b>
3522507	<b>LX243</b>	1J0201511A	<b>KL79</b>	401296197	<b>LX901</b>
3734666	<b>LX200</b>	1J0819644	<b>LAK63</b>	4099922	<b>KX43</b>
3735501	<b>LX905/1</b>	1J0819644A	<b>LAK63</b>	41822564	<b>LX973</b>
3981923	<b>OC324</b>	1JM115561BZ	<b>OC1241</b>	558261275	<b>KL2</b>
4111378	<b>KC24</b>	1K1819653B	<b>LAK181</b>	56115562	<b>OC47</b>
4785610	<b>LX236</b>	2654403	<b>OC324</b>	56129620	<b>LX208/1</b>
4785611	<b>LXS41/1</b>	2654407	<b>OC308</b>	5Z0 129 620 A	<b>LX708</b>
5203217	<b>HC45</b>	271296201	<b>LX906</b>	5Z0129620	<b>LX998</b>
5205493	<b>HX52</b>	2991194	<b>OC67</b>	5Z0201511A	<b>KL635</b>
60369	<b>OX30D</b>	2991239	<b>LX1065</b>	6Q0 129 620 B	<b>LX708</b>
621128	<b>LX116</b>	2DR127491	<b>KC121</b>	6Q0129620B	<b>LX709</b>
635776	<b>KX23</b>	2H0129620	<b>LX3234</b>	6Q0201051	<b>KL176/6D</b>
63691	<b>OX5D</b>	2H0129620A	<b>LX3234</b>	6Q0201051C	<b>KL156/3</b>
71016	<b>OX200D</b>	2P0127401	<b>KL422</b>	6Q0201511	<b>KL176/6D</b>
71032	<b>OC38</b>	2R0115403	<b>OC502</b>	6Q0820367A	<b>LA120</b>
7323959	<b>OC114</b>	2R0127177	<b>KC120</b>	6QE 201 511 C	<b>KL583(Plus)</b>
9455080100	<b>KX35</b>	2R0127177A	<b>KC437</b>	6QE201511	<b>KL84</b>
946011	<b>OX218D</b>	2R0127177B	<b>KC440</b>	6R0820367	<b>LA1098</b>
949095	<b>KC133</b>	2R0127177C	<b>KC126</b>	6Y0129620	<b>LX998</b>
949096	<b>WFC1</b>	2R0127177C	<b>KC500D</b>	70990031	<b>KX23</b>
960698	<b>OC308</b>	2R0127177E	<b>KC492</b>	71016	<b>OX200D</b>
		2R2819429	<b>LA652/S</b>	71304344	<b>OC23</b>
		2RD129620	<b>LX910</b>	7500612	<b>KL222</b>
		2RO129620D	<b>LX910</b>	7632141102	<b>HX15</b>
		2RP127491	<b>KC122</b>	7H0819631	<b>LA907</b>
		2S2129620	<b>LX2533</b>	8A0819439A	<b>LA45</b>
		2S2129620A	<b>LXS296</b>	905411880009	<b>OC26</b>
		2SO129620	<b>LX1056</b>	905412970037	<b>LXS5/1</b>
		2T0115561	<b>OC1176</b>	9451080065	<b>KC24</b>
		2TB115561	<b>OC35</b>	9455080100	<b>KX35</b>
		2TB127401	<b>KC128</b>	983705N	<b>LA652/S</b>
		2TB127491	<b>KC128</b>	IS0820367	<b>LA1101</b>
		2TB607439	<b>AL12-DESUM.</b>	M40502767	<b>OX18D</b>
		2TD127491A	<b>KC118</b>	M40510539	<b>LX275</b>
		2V5121027	<b>LX3593</b>	M40511545	<b>OC301</b>
		2V5121040	<b>LXS317</b>	M40519704	<b>LX200</b>
		3251335111	<b>KL223</b>	PJC129620	<b>LX971</b>
		3251335111	<b>KL223/1</b>	T11129620	<b>LX236</b>
		325261275	<b>KL222/KL63</b>	T11129620A	<b>LXS41/1</b>
		3313281	<b>OC319</b>	T15129620	<b>LX227</b>
		3318157	<b>WFC2</b>	T15129620A	<b>LXS225</b>
		357091700	<b>LAK44</b>	T15129620C	<b>LXS43/1</b>
		377129620	<b>LX909</b>	T2D129620	<b>LX273</b>
		377133511A	<b>KL237</b>	T2D129620A	<b>LXS37/1</b>
		377133511A	<b>KL237/1</b>	TEG129620	<b>LX972</b>
		377819638	<b>LA591</b>	TNA4127177	<b>KC107</b>
		3873022	<b>OC60</b>	TRA115561	<b>OC320</b>
		3903410	<b>KC107</b>	ZBA261275B	<b>KL222/KL63</b>
		3A0819638	<b>LA907</b>	ZBC261275	<b>KL222</b>
		3A0819638	<b>LAK44</b>	ZBU261275	<b>KL222</b>
		3B0091800	<b>LAK45</b>		
<b>VOLKSWAGEN</b>					
030115561AF	<b>OC250</b>				
030129620D	<b>LX1779</b>				
032129620B	<b>LX977</b>				
034115561A	<b>OC1241</b>				
03L115562	<b>OX388D</b>				
045115466	<b>OX188D</b>				
056115561A	<b>HC45</b>				
06812/771	<b>KC18</b>				
06A115561B	<b>OC1241</b>				
06D115466	<b>OX379D</b>				
06D115562	<b>OX379D</b>				
06D198405	<b>OX379D</b>				
06J115403C	<b>OC1022</b>				
06J115403J	<b>OC1022</b>				
06J115403M	<b>OC1022</b>				
06J115561B	<b>OC1022</b>				
071115466	<b>OX188D</b>				
074115561	<b>OC105</b>				
078115561K	<b>OC1241</b>				
07K129620	<b>LX2093</b>				
140503286	<b>LX265</b>				
140507592	<b>OX214D</b>				
140513178	<b>OC114</b>				
140518714	<b>KX44</b>				
140523250	<b>OX217D</b>				
140524985	<b>OX30D</b>				
1H0127401C	<b>KL75</b>				

11033128	LX273	VOLVO	MAHLE	VOLVO	MAHLE
VOLVO		21834199	LX1587	834337	OC534
11033128	LX273	21834205	LX3141	83912	OX85D
11033996	LX3605	233988	KX35	85108176	HX77
110339967	LX3605	25527	KX44	9204626	LA1035
11110683	KC200	266286	OC204	991203410	KC107
11711074	KC8	266286	OC23		
1266186-2	OC204	30630752	LA1035	VOX	
1266286	OC204	30767022	LA1039	ARL1603	LX1066
1266388	OC204	3090268	AL12-DESUM.	FAC009	LA650
12709262	OC303	3090288	AL12-DESUM.	FAC0208	LA82
14542155	LX3604	3162322	LX1281	FAC2030	LA153
1521527	HX77	3162323	LXS282	FAC298	LA45
1526187	HC45	3339238	OX197D	FAC552	LA60
1544449	LX1098	3340064	KX89/2D	FAC797	LA9
1586882	LX1102	349619	HX15	FB6001	KX43
1660903	LXS7233	3517857	OC204	FB6002	KX49
1665898	LX832/1	3517857-3	OC204	FB6003	KX44
1665937	LXS282	36846	KC107	FB6007	KX36
1674100	LXS282	3930942	KC107	FBA3416	WFC3
16998304	WFC26	3945411	WFC26	FBA3610	WFC1
20364797	LX1587	3989632	KC123	FBA3803	WFC2
20405160	KC251	418432	OC204	FBD0403	KC83
20405160	KC300	418432-1	OC204	FBD1411	KC46
20430751	KC251	430143	OC67	FBD2230	KC18
20480593	KC495D	463505	LX59	FBD2231	KL41
20514654	KC495D	466176	OX30D	FBD3024	KC22
20532237	WFC26	466634-3	OC121	FBD3025	KC129
20544738	LX1313/1	466987	KC24	FBD3207	KC24
20557234	AL12-DESUM.	475386	LX93	FBD3208	KC75
20557234	AL24-DESUM.	477556	OC282(By Pass)	FBD3411	KC113
20559447	LA660	4780961	LX265	FBD3412	KC94
20713630	UX1D	4785610	LX236	FBD3607	KC133
20713636	UX1D	4785611	LXS41/1	FBD4207	KC114
20741196	KC500D	4785746	LXS37/1	FBD451	KL425
20754418	KC200	4785748	LX271/2	FBD745	KC134
20796785	OX1026D	4785749	LXS43/1	FBS2233	KC120
20841523	KC492	478736	OC246	FBS3027	KC128
20876498	UX2D	6612069	OX18D	FBS3028	KC119
20876502	UX2D	6644990	LX227	FBS3034	KC125
20879812	KC498D	6882716	OC30	FBS3413	KC124
20972293	KC300	6886795	LXS7233	FBS3802	KC121
20972915	AL24-DESUM.	6888848	LX1055/1	FBS460/1 (FBS3026)	KC122
20976003	KC251	6888857	LXS7231	FBS6004	KX23
20998367	KC495D	6889135	KC113	FBS6005	KX24
20998807	OX1026D	8122446	LA138	FBS6006	KX35
21040164	OX1026D	8125469	KX89/2D	FCS3414	KX88/1D
21115483	LX3141	8128045	LA656	FCS3415	KX89/2D
21115501	LXS319	8143691	LA653	FN3609	KX92D
21145173	KC300	8143691-7	LA653	FN4208	KX91
2127179	WFC26	8144430	LA653	FN4407	KX25
21333097	UX2D	8149064	LX1587	FS0202	KL185
21380488	KC498D	8149961	LX1281	FS15	KL796
21508133	AL24-DESUM.	8159975	KC124	FS2215	KL224
21620181	AL24-DESUM.	8193841	KC75		

VOX	MAHLE	VOX	MAHLE	VOX	MAHLE
FS2812	KL239/1	HLP2434	LX1315	HS2228	LXS231
HD1188	LX712	HLP2604	LX906	HS224	LXS225
HD2426	LX1092	HLP2605	LX909	HS2428	LXS41/1
HD2499	LX2528	HLP2606	LX405	HS3012	LXS37/1
HD3005	LX1070	HLP2607	LX684	HS3013	LXS42/1
HD3006	LX1093	HLP2608	LX418	HS3409	LXS43/1
HD3406	LX714	HLP2804	LX589	HS4203	LX1063
HD3408	LX1069	HLP2805	LX453	HS4404	LXS40/1
HD6940	LX2527	HLP2806	LX618	HS4405	LXS5/1
HDS2427	LXS230	HLP2807	LX907	LB0201	OC115
HDS673	LXS296	HLP2808	LX908	LB0401	OC534
HIB2237	HC76	HLP3001	LX513	LB1202	OC274
HIB4409	HC82	HLP5053	LX1287	LB1402	OC318
HIB4808	HC83-TRANS.	HLP8840	LX735	LB1403	OC239
HIC2236	HX58-DIR.	HM4807	HX50	LB1404	OC299
HIC4210	HX52	HP0402	LX912	LB1601	OC503
HIC4211	OX216	HP0601	LX1067	LB2001	OC309
HIC4408	HX54	HP1203	LX1064	LB2024	OC704
HIC5001	HX15	HP1406	LX1097	LB2201	OC266
HIC5801	HX53-DIR.	HP1407	LX1068	LB2202	OC235
HIC5804	HX51D	HP1408	LX1094	LB2204	OC300
HIC5805	HX57D	HP2214	LX1096	LB2215	OC26
HL2002	LX330	HP2221	LX975	LB2216	OC333
HL2004	LX290	HP2222	LX974	LB2217	OC334
HL2210	LX963	HP2223	LX910	LB2218	OC40
HL2211	LX905/1	HP2238	LX969	LB2219	OC302
HL2212	LX64	HP2239	LX972	LB2220	OC67
HL2213	LX202	HP2240	LX971	LB2401	OC317
HL2414	LX902/1	HP2424	LX236	LB2402	OC332
HL2415	LX958/1	HP2425	LX973	LB2403	OC90
HL2609	LX272	HP3003	LX243	LB2404	OC81
HL2611	LX904/1	HP3004	LX227	LB2405	OC301
HL2612	LX900/1	HP3007	LX567	LB2406	OC114
HL2613	LX901	HP3008	LX200	LB2422	OC324
HL2614	LX208/1	HP3009	LX265	LB2423	OC261
HL2809	LX157	HP3010	LX273	LB2601	OC250
HL2810	LX55	HP3011	LX1056	LB2602	HC45
HL2811	LX961	HP3204	LX1102	LB2603	OC47
HLM448/1	LX3107	HP3205	LX93	LB2801	OC66
HLM449/1	LX3106	HP3206	LX1055/1	LB2802	OC66
HLP2020	LX572	HP3402	LX241	LB2803	OC23
HLP2022	LX1048	HP3403	LX271/2	LB2814	OC35
HLP2205	LX435	HP3404	LX970	LB2827	OC259
HLP2206	LX687	HP3405	LX450	LB2828	OC248
HLP2207	LX962	HP4201	LX1100	LB3002	OC303
HLP2208	LX1095	HP4202	LX116	LB3201	OC121
HLP2248	LX1312	HP4204	LX1062	LB3202	OC30
HLP2404	LX414	HP4209	LX1101	LB3203	OC282(By Pass)
HLP2407	LX523	HP4403	LX275	LB3401	OC18
HLP2408	LX414	HP4802	LX1057	LB3603	OC320
HLP2409	LX448	HP5201	LX17	LB3604	OC319
HLP2410	LX964	HS2225	LXS227	LB3801	OC60
HLP2411	LX614	HS2226	LXS226	LB4401	OC308
HLP2413	LX1316	HS2227	LXS229	LB4402	OC38



VOX	MAHLE	WEGA	MAHLE	WEGA	MAHLE
LB4801	<b>OC335</b>	AKX1394/C	<b>LA606</b>	AKX2101	<b>LA1059</b>
LC0404	<b>OX43D</b>	AKX1396	<b>LA820</b>	AKX2102	<b>LA569</b>
LC2229	<b>OX214D</b>	AKX1397	<b>LA665</b>	AKX2105	<b>LA902</b>
LC2429	<b>OX5D</b>	AKX1398	<b>LA1032</b>	AKX2161	<b>LA1103</b>
LC2430	<b>OX200D</b>	AKX1410	<b>LA1057</b>	AKX35110	<b>LA49</b>
LC2431	<b>OX215D</b>	AKX1430	<b>LA887</b>	AKX35112	<b>LA87</b>
LC24803	<b>OX47D</b>	AKX1433	<b>LA25</b>	AKX35125	<b>LA56</b>
LC3014	<b>OX85D</b>	AKX1445	<b>LA428/S</b>	AKX35128	<b>LA78</b>
LC3015	<b>OX30D</b>	AKX1446	<b>LA138</b>	AKX35132	<b>LA31</b>
LC3018	<b>OX150D</b>	AKX1448	<b>LA1033</b>	AKX35141	<b>LA34</b>
LC3019	<b>OX95D</b>	AKX1456	<b>LA344</b>	AKX35154	<b>LA32</b>
LC3020	<b>OX199D</b>	AKX1500	<b>LA1034</b>	AKX35157	<b>LA57</b>
LC3021	<b>OX69D</b>	AKX1631	<b>LA1056</b>	AKX35159	<b>LA117</b>
LC3022	<b>OX71D</b>	AKX1700	<b>LA632</b>	AKX35159/C	<b>LAK117</b>
LC3023	<b>OX197D</b>	AKX1830	<b>LA1035</b>	AKX35163	<b>LA120</b>
LC3605	<b>OX218D</b>	AKX1900	<b>LA1055</b>	AKX35164	<b>LA153</b>
LC3606	<b>OX198D</b>	AKX1901	<b>LA1050</b>	AKX3517	<b>LA1049</b>
PSH5202	<b>HC85</b>	AKX1911	<b>LA180</b>	AKX35174	<b>LA77</b>
UNO15	<b>KL222/KL63</b>	AKX1933	<b>LA1036</b>	AKX35175	<b>LA642</b>
UNO20	<b>KL222</b>	AKX1935	<b>LA1037</b>	AKX35180	<b>LA60</b>
		AKX1936	<b>LA1039</b>	AKX35181	<b>LA122/S</b>
		AKX1937	<b>LA668</b>	AKX35262	<b>LA25</b>
<b>VW</b>				AKX35264	<b>LA75</b>
1HM129620	<b>LX405</b>	AKX1938	<b>LA1039</b>	AKX35279	<b>LA591</b>
1HO129620	<b>LX405</b>	AKX1939	<b>LA607</b>	AKX35285	<b>LA74</b>
		AKX1953	<b>LA396</b>	AKX35293	<b>LA144</b>
<b>WABCO</b>		AKX1955	<b>LA1040</b>	AKX35321	<b>LA422</b>
20891930	<b>AL24-DESUM.</b>	AKX1956	<b>LA818</b>	AKX35321/C	<b>LAK422</b>
4324100201	<b>AL12-DESUM.</b>	AKX1958	<b>LA1102</b>	AKX35322	<b>LA601</b>
4324100202	<b>AL12-DESUM.</b>	AKX1961	<b>LA1001</b>	AKX35323	<b>LA633</b>
4324102212	<b>AL12-DESUM.</b>	AKX1962	<b>LA109</b>	AKX35323/C	<b>LAK633</b>
4324102222	<b>AL12-DESUM.</b>	AKX1963	<b>LA655</b>	AKX35345	<b>LA1099/S</b>
4324102227	<b>AL12-DESUM.</b>	AKX1964	<b>LA1041</b>	AKX35346	<b>LA169</b>
4324102261	<b>AL14-DESUM.</b>	AKX1965	<b>LA655</b>	AKX35347	<b>LA785</b>
4324102262	<b>AL14-DESUM.</b>	AKX1966	<b>LA1042</b>	AKX35348	<b>LA908</b>
4324109362	<b>AL24-DESUM.</b>	AKX1970	<b>LA654/S</b>	AKX3536	<b>LA11</b>
4324202202	<b>AL12-DESUM.</b>	AKX1971	<b>LA1043</b>	AKX3536/C	<b>LAK11</b>
4329012222	<b>AL24-DESUM.</b>	AKX1974	<b>LA1044</b>	AKX35370	<b>LA609</b>
4329012232	<b>AL24-DESUM.</b>	AKX1983	<b>LA444/S</b>	AKX3543	<b>LA45</b>
4329012242	<b>AL24-DESUM.</b>	AKX1984	<b>LA301</b>	AKX3548	<b>LA123</b>
4329012252	<b>AL24-DESUM.</b>	AKX1985	<b>LA298</b>	AKX3562	<b>LA21</b>
4329980202	<b>AL12-DESUM.</b>	AKX1986	<b>LA1045</b>	AKX35634/C	<b>LAK63</b>
R950068	<b>AL24-DESUM.</b>	AKX1987	<b>LA531</b>	AKX3565/C	<b>LAK1002</b>
		AKX1988	<b>LA649</b>	AKX35667	<b>LA81</b>
<b>WEGA</b>		AKX1989	<b>LA1046</b>	AKX3569	<b>LA83</b>
AKX1100/C	<b>LAK181</b>	AKX1990	<b>LA343</b>	AKX35711	<b>LA142</b>
AKX1111	<b>LA1030/S</b>	AKX1993	<b>LA1047</b>	AKX35722	<b>LA189</b>
AKX1140	<b>LA907</b>	AKX1995	<b>LA1003</b>	AKX35723	<b>LA472</b>
AKX1372	<b>LA499</b>	AKX1995/C	<b>LAK1003</b>	AKX3575	<b>LA1058</b>
AKX1375	<b>LA612</b>	AKX2001	<b>LA608</b>	AKX3599	<b>LA82</b>
AKX1375/C	<b>LAK612</b>	AKX2002	<b>LA643</b>	AKX4002	<b>LA432</b>
AKX1376	<b>LA439</b>	AKX2004	<b>LA648</b>	AKX4002	<b>LA650</b>
AKX1378	<b>LA1031</b>	AKX2006	<b>LA1048</b>	AKX4005	<b>LA677</b>
AKX1394	<b>LA606</b>	AKX2007	<b>LA819</b>	DAF100	<b>AL12-DESUM.</b>

WEGA	MAHLE	WEGA	MAHLE	WEGA	MAHLE
FAP1001	LX3106	FAP7007	LX998	FCD2096	KC182
FAP1002	LX3109	FAP7010	LX795	FCD2098	KC440
FAP1003	LX3107	FAP7013	LX957/3	FCD2099	KC214
FAP2214	LX1779	FAP8999	LX2645	FCD2157	KC129/1
FAP2217	LX1779	FAP9001	LX1937	FCD2158	KL174
FAP2408	LX1298	FAP9003	LX1597	FCD2158/1	KL100/2
FAP2812	LX307	FAP9006	LX1770	FCD2162	KC22
FAP2827	LX523	FAP9008	LX1589	FCD2170	KC4
FAP2831	LX908	FAP9011	LX3524	FCD2203	KC126
FAP2832	LX687	FAP9013	LX1765	FCD2205	KC94
FAP2833	LX3701	FAP9014	LX2644	FCD2206	KC495D
FAP2840	LX1312	FAP9015	LX2643	FCD2207	KC251
FAP2841	LX2818	FAP9052	LX3490	FCD2209	KC492
FAP3226	LX414	FAP9054	LX3115	FCD2214	KC501D
FAP3234	LX964	FAP9121	LX3355	FCD30120	KC126/1
FAP3242	LX3723	FAP9272	LX744	FCD30124	KC489
FAP3261	LX3489	FAP9273	LX773	FCD30125	KC500D
FAP3262	LX614	FAP9286	LX3304	FCD3026	KC496D
FAP3268	LX735	FAP9295	LX2867	FCD3028	KC120
FAP3269	LX3488	FCC225	KL222	FCD3090	KC124
FAP3271/2	LX876	FCD0016	KX91	FCD3090/1	KC125
FAP3280	LX999	FCD0296	KX23	FCD3090/3	KC123
FAP3287	LX977	FCD0651	KX447D	FCI0200	KL740
FAP3289	LX1315	FCD0710	KX35	FCI0201	KL741
FAP3608	LX962	FCD0710/1	KX43	FCI1101A	KL60
FAP3610	LX1712	FCD0720	KX36	FCI1101C	KL72
FAP4033	LX907	FCD0720/1	KX44	FCI1110S	KL83
FAP4034	LX906	FCD0721	KX269	FCI1288	KL79
FAP4035	LX589	FCD0767	KX446D	FCI1300	KL176/6D
FAP4037	LX488	FCD0768	KX67/2D	FCI1301	KL176/6D
FAP4045	LX684	FCD0769	KX80D	FCI1303	KL156/3
FAP4046	LX3234	FCD0771	KX208D	FCI1600	KL238D
FAP4046/1	LX3234	FCD0796	KX24	FCI1610	KL239/1
FAP4049	LX909	FCD0816/1	KX206D	FCI1620	KL237
FAP4052	LX804/S	FCD0816/2	KX218D	FCI1630	KL583(Plus)
FAP4054/2	LX1745	FCD2039	KC113	FCI1640	KL223/1
FAP4812	LX572	FCD2040	KC114	FCI1650	KL224/1
FAP4813	LX448	FCD2041	KC107	FCI1660	KL582(Plus)
FAP4827	LX405	FCD2045B	KC24	FCI1670	KL2
FAP4831	LX435	FCD2051	KC75	FCI1680	KL60/2
FAP4867	LX935	FCD2057	KC186	FCI1695	KL420
FAP4871	LX1711	FCD2058	KC18	FCI1696	KL635
FAP4872/1	LX1563	FCD2059	KL445	FCI1697	KL465
FAP4873	LX1287	FCD2060	KL422	FCI1698	KL582(Plus)
FAP5307	LX3702	FCD2061	KL425	FCI1880	KL224
FAP6000	LX3354	FCD2062	KL761	FCI1881	KL84
FAP6003	LX513	FCD2063/1	KL446	FCI1887	KL223
FAP6003/1	LX513	FCD2064	KL316	FCI1947	KL87
FAP6008	LX645/1	FCD2066	KL41	JFA101/2	LX3780
FAP6010	LX1048	FCD2066/1	KL747	JFA108	LX307
FAP6012/2	LX2093	FCD2066/3	KC189	JFA118	LX3519
FAP6013	LX3699	FCD2067	KL75	JFA134	LX1631
FAP6126	LX335	FCD2091	KL796	JFA135	LX3487
FAP7006	LX708	FCD2093	KC119	JFA227/1	LX912

WEGA	MAHLE	WEGA	MAHLE	WEGA	MAHLE
JFA231	LX3704	JFC509/4	KC132	WEO0512	HX15
JFA249	LX811	JFCH01	KI24	WEO0513	OX18D
JFA283	LX1286	JFCK05/1	KC130	WEO0514	OX219
JFA285	LX1286	JFO0014	OX410D	WEO0522	OX68D
JFA285	LX3703	JFO113	OC23	WO120	OC259
JFA292/1	LX2530	JFO197	OC195	WO130	OC90
JFA292/2	LX2125	JFO210/1	OC534	WO131	OC728
JFA388	LX1821	JFO211	OC235	WO133	OC1239
JFA395	LX677	JFO213	OC275	WO140	OC466
JFA428	LX1689	JFO301	OC115	WO150	OC235
JFA428/1	LX1993	JFO306	OC239	WO151	OC1240
JFA428/3	LX3697	JFO313	OC195	WO153	OC235
JFA429	LX1645	JFO410	OC259	WO160	OC100
JFA433	LX3007	JFO501	OC205	WO170	OC66
JFA438	LX3712	JFO505	OC274	WO180	OC266
JFA499	LX848	JFO506	OC274	WO181	OC1241
JFA500	LX3713	JFO597	OC1062	WO200	OC309
JFA509	LX3695	JFO604	OC534	WO205	OC475
JFA514	LX3714	JFO890	OC1018	WO240	OC300
JFA514/1	LX200	JFO895	OC1237	WO250	OC195
JFA575	LX3190	JFO984	OC299	WO250	OC236
JFA586	LX3715	JFOF01	OC1227	WO270	OC332
JFA587	LX3696	JFOF01	OC534	WO280	OC324
JFA594	LX1067	JFOK01/1	OC503	WO290	OC261
JFA598	LX989	JFOM00	OC1238	WO330	OC248
JFA810	LX485	WAP102	LX2533	WO331	OC613
JFA897	LX862	WAP103	LX1716	WO340	OC250
JFA983	LX1097	WAP104	LX776	WO341	OC250
JFA983/1	LX1094	WAP104	LX776/1	WO360	OC318
JFA983/2	LX3689	WAP147	LX1101	WO370	OC47
JFA986	LX1066	WAP161	LX275	WO410	OC704
JFAF00	LX3690	WAP162	LX236	WO421	OC1222
JFAF03	LX3692	WAP163	LX265	WO440	OC308
JFAH12	LX1785	WAP165	LX271/2	WO460	OC23
JFAH13	LX3236	WAP181	LX1313/1	WO470	OC26
JFAH14	LX3509	WAP223	LX227	WO480	OC60
JFAH16	LX3506	WAP266	LX971	WO500	OC318
JFAH17	LX3691	WAP277	LX273	WO510	OC114
JFAH18	LX3779	WAP285	LX910	WO530	OC81
JFAH24	LX3716	WAP321	LX1096	WO540	OC404
JFAH29	LX3452	WAP331	LX972	WO541	OC1055
JFAK01	LX1068	WAP346	LX1056	WO550	OC1236
JFAK14	LX2689	WAP346	LX1056/1	WO600	OC267
JFAK21	LX3505	WAP380	LX2646	WO610	OC35
JFAK22	LX2739	WAP382	LX1093	WO612	OC502
JFAS03	LX3698	WAP383	LX1713	WO613	OC1178
JFC119	KC518	WAP384	LX1070	WO650	OC303
JFC207/2	KX268D	WAP603	LX1055	WO670	OC333
JFC215	KC83	WAP606	LX1314	WO680	OC320
JFC235	KL139	WEO0001	OX69D	WO710	OC304
JFC235	KL140	WEO0004	OX137D	WO711	OC1176
JFC452	KL635	WEO0005	OX197D	WO750	OC282(By Pass)
JFC498	KL185	WEO0007	OX150D	WOE120	OX979D
JFC498/1	OC1178	WEO0019	OX75D	WOE121	OX979D

WEGA	MAHLE	WIX	WIX	MAHLE
WOE130	<b>OX169/1D</b>			46327 <b>LX405</b>
WOE211	<b>OX166/1D</b>	24071	<b>WFC1</b>	46415 <b>LX1064</b>
WOE220	<b>OX154/1D</b>	24073	<b>WFC2</b>	46415 <b>LX200</b>
WOE242	<b>OX179D</b>	33002	<b>KX35</b>	46430 <b>LX275</b>
WOE243	<b>OX1039D</b>	33006	<b>KC22</b>	46515 <b>LX236</b>
WOE245	<b>OX1042D</b>	33011	<b>KL222</b>	46525 <b>LXS37/1</b>
WOE300/1	<b>OX980D3</b>	33020	<b>KX49</b>	46541 <b>LX227</b>
WOE304	<b>OX1044D</b>	33097	<b>KL224</b>	46546 <b>LX243</b>
WOE308	<b>OX1046D</b>	33111	<b>KX44</b>	46547 <b>LX93</b>
WOE312	<b>OX974D</b>	33128	<b>KC46</b>	46554 <b>LX265</b>
WOE313	<b>OX1018D</b>	33138	<b>KC83</b>	46616 <b>LX972</b>
WOE410	<b>OX135/1D</b>	33161	<b>KL2</b>	46637 <b>LX687</b>
WOE430	<b>OX133D</b>	33167	<b>KX43</b>	46640 <b>LX589</b>
WOE460	<b>OX1027D</b>	33199	<b>KL83</b>	46641 <b>LX909</b>
WOE475	<b>OX1025D</b>	33257	<b>KL223</b>	46644 <b>LX523</b>
WOE500	<b>OX209D</b>	33310	<b>KL239/1</b>	46647 <b>LX906</b>
WOE510	<b>OX210D</b>	33352	<b>KC114</b>	46648 <b>LX907</b>
WOE612	<b>OX1047D</b>	33353	<b>KC107</b>	46652 <b>LX963</b>
WOE630	<b>OX188D</b>	33358	<b>KC113</b>	46653 <b>LX1065</b>
WOE640	<b>OX379D</b>	33467	<b>KL41</b>	46660 <b>LX901</b>
WOE680	<b>OX388D</b>	33472	<b>KC18</b>	46661 <b>LX961</b>
WOE700	<b>OX193D</b>	36005	<b>KL225</b>	46694 <b>LX971</b>
WOE710	<b>OX339/2D ECO</b>	36010BR	<b>KL237</b>	46741 <b>LX273</b>
WOE803	<b>OX1041D</b>	42001	<b>LX55</b>	48005 <b>LX453</b>
WOE903	<b>OX773D</b>	42021	<b>LX64</b>	48010 <b>LX908</b>
WOE905	<b>OX351D</b>	42054	<b>LX902/1</b>	48030BR <b>LX1098</b>
WOE909	<b>OX827D</b>	42067	<b>LX905/1</b>	48035 <b>LX1055/1</b>
WOE912	<b>OX175D</b>	42126	<b>LX17</b>	48150 <b>LX614</b>
WR001	<b>LX3108</b>	42135	<b>LX157</b>	48155BR <b>LX1066</b>
WR002	<b>LX3111</b>	42266	<b>LX975</b>	48160 <b>LX962</b>
WR191	<b>LX3680</b>	42267	<b>LXS231</b>	48175 <b>LX435</b>
WR192	<b>LX1780/3</b>	42295	<b>LX448</b>	48180BR <b>LX1068</b>
WR198	<b>LX2124</b>	42313	<b>LX903/1</b>	48185BR <b>LX1097</b>
WR200	<b>LX147</b>	42419	<b>LX904/1</b>	48190BR <b>LX567</b>
WR200/2	<b>LX2526</b>	42420	<b>LX900/1</b>	48195BR <b>LX567</b>
WR200/3	<b>LX960</b>	42445	<b>LX202</b>	48205 <b>LX1056</b>
WR200/4	<b>LX1687/1</b>	42453	<b>LX958/1</b>	48230BR <b>LX418</b>
WR200/5	<b>LX1673</b>	42544	<b>LX910</b>	51003 <b>OC90</b>
WR200/7	<b>LX2529</b>	42545	<b>LX973</b>	51010 <b>OX214D</b>
WR200/8	<b>LX2532</b>	42551	<b>LX241</b>	51036 <b>OC81</b>
WR201	<b>LX208/1</b>	42564	<b>LX1057</b>	51040 <b>OC317</b>
WR209	<b>LX958/1</b>	42572	<b>LX974</b>	51061 <b>OC114</b>
WR244	<b>LX2830</b>	42575	<b>LX970</b>	51067 <b>OC274</b>
WR245	<b>LX2830</b>	42576	<b>LX450</b>	51085 <b>OC23</b>
WR251	<b>LX332</b>	42608	<b>LX271/2</b>	51088 <b>OC47</b>
WR263	<b>LX478/1</b>	42891	<b>LXS40/1</b>	51099 <b>OX200D</b>
WR295	<b>LX3679</b>	42892	<b>LXS43/1</b>	51109 <b>OX150D</b>
WR316	<b>LX611</b>	42897	<b>LXS5/1</b>	51130 <b>OC301</b>
WR327/1	<b>LX794</b>	42898	<b>LXS42/1</b>	51142 <b>OX95D</b>
WR349	<b>LX646/1</b>	42900	<b>LX208/1</b>	51143 <b>OX215D</b>
WR406/2	<b>LX610</b>	42902	<b>LXS41/1</b>	51176 <b>OX5D</b>
WUNI0001	<b>OC506 PLUS</b>	46114	<b>LX414</b>	51188 <b>OX18D</b>
WUNI0002	<b>OC522 PLUS</b>	46117	<b>LX964</b>	51307 <b>OC18</b>
WUNI0003	<b>OC504 PLUS</b>	46313	<b>LX272</b>	51310 <b>OX47D</b>



WIX	MAHLE	WIX	MAHLE
51312	OC300	W48385BR	LX3615
51314	HX15	W48395BR	LX3618
51334	OC318	W48555BR	LX3488
51342	HC45	W48640BR	LA884
51345	OX75D	W48665BR	LX3487
51348	OC534	W48750BR	LA883
51408	HX57D	W48760BR	LX1845
51459	OC308	W48780BR	LX3544
51460	OC38	W48865BR	LX1070
51468	HX51D	W49148	LX3619
51515	OC67	W49708	LX3620
51602	OC333	WX48005BR	LX453
51607	OC320		
51649	OC319		
51712	HC76		
51727	OX197D		
51728	OX199D		
51747	OC303		
51748	OC304		
51750	OX198D		
51768	OC26		
51774	OC302		
51777	OC334		
51791	OC121		
51806	OC324		
51820	OC60		
51832	OC35		
51841	OC66		
51954	OX218D		
54005	OX71D		
54010	OX69D		
54030	OC250		
54045BR	OC332		
54050BR	OC261		
JFC901	KC46		
W42448	LA952		
W42472	LX684		
W42805BR	LX3617		
W46114	LX414		
W46117	LX964		
W46626	LX3614		
W46637	LX687		
W46652	LX3604		
W46754	LX3613		
W46770	LX3605		
W46776	LX3616		
W48085BR	LX3490		
W48095BR	LX1631		
W48100BR	LX935		
W48105BR	LX1656		
W48110BR	LX3234		
W48140BR	LX3489		
W48150BR	LX614		
W48160BR	LX962		
		<b>WORTHINGTON</b>	
		156172	KC133
		158139	OX218D
		1845825	OX85D
		3080947004	LX200
		3431847325	OX199D
		34419000201	LX903/1
		34419001001	LX273
		34419001301	LX271/2
		34419001401	LX265
		5573102	OX5D
		76321411020	HX15
		9451080019	KX43
		9455080100	KX35
		FLR230	OX198D
		<b>WURTH</b>	
		0764048	LAK81
		<b>YAMAHA</b>	
		5HHE445100	LX3110
		<b>YANMAR</b>	
		4TNV9812550	LX275
		BT2235110	OC38
		BT3335110	HC45
		BTD2235310	OC60
		BTD40T12570	LXS40/1
		BTD40T12590	LX200
		YB4148080	HC76
		<b>ZF</b>	
		0750131003	HX40
		4139298936	HX40
		7632141102	HX15

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