

2024

PRODUCT PORTFOLIO

Your Source Of Premium Quality,
German Technology,
Diesel Engines and Parts.

- Vibration Control
- Engine Components
- Steering & Suspension Parts

ASSIL
AL ASSIL ORIGINAL PARTS FZE



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PRODUCT HIGHLIGHT

SHORTBLOCKS

OE Germany Short blocks pass a stringent specification of the engine manufacturer based on its tolerance and guidelines. Short blocks are pre-assembled Crank Drive Unit comprises of several parts like Engine Block, Crankshaft, Connecting Rods, bearings, Pistons, Cylinder Liners, Camshaft, Valve Tappets, and various small parts. It is normally refer to as the heart of any engine, be it gasoline or diesel, it is its core structure, the block.

For diesel engines, which are known for robustness and longevity, the short block plays a pivotal role. It's designed to withstand higher compression ratios and the intense explosion pressures that come with diesel combustion.

Opting a short block can be a cost-effective solution when rebuilding an engine. If the damage to an engine is confined to its lower parts, replacing just the short block can save both time and money.



SHORTBLOCKS COMPONENTS

- Engine Block
- Crankshaft
- Connecting Rods
- Bearings
- Pistons
- Cylinder Liners
- Camshaft
- Valve Tappets
- Pistons
- Other small components

SHORTBLOCKS w/ Cylinder Heads, Gaskets, & Screws suitable for Engine Series;



- MB : OM300-OM600, OM900
- MAN : D08, D25, D28
- MAN Gas : E2842 E/LE 302/312/322
- MAN Gas : E2848 LE322
- MAN Gas : E0836 LE 202, E2876 LE 202/302/TE 302

DISTRIBUTOR OF:



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INTRODUCTION

AL ASSIL ORIGINAL PARTS FZE is a wholesaler of OE quality Diesel & Gas Engine Parts in the Middle East and Africa, headquartered in Jebel Ali Free Zone, Dubai - United Arab Emirates

Al Assil is a reputable distributor specializing in premium quality engine parts and components. Al Assil provides comprehensive solutions for engine maintenance and repair for the Middle East region that includes GCC countries, Northern Africa, and Dubai - United Arab Emirates where it is currently headquartered.

Al Assil has a wide range of branded products with more than 15,000 articles guaranteed in quality for following applications:

- **Truck (Heavy Commercial Vehicles / HCV):** suitable for DAF, Iveco, MAN, Mercedes-Benz, Renault Trucks, Scania, and Volvo.
- **Transporter (Light Commercial Vehicles / LCV):** suitable for Citroën, Fiat, Ford, Iveco, MAN, Mercedes-Benz, and Opel.
- **Agricultural & Construction (Earth Moving Equipments) Vehicles:** suitable for Deutz, Caterpillar, Liebherr, Case, Fendt, John Deere, Massey Ferguson, Steyr, and Volvo.
- **Marine & Industrial applications:** suitable for Cummins, Deutz, Liebherr, MAN, Mercedes-Benz, Scania, and Volvo.

TOP PRODUCT GROUPS

- Crankcases
- Cylinder Heads
- Crankshafts
- Camshafts
- Connecting Rods
- Water Pumps
- Shortblocks
- Pistons
- Flywheels
- Cylinder Liners
- Valves
- Turbochargers

BRANDS



DENSO



elringklinger

MAHLE

OE GERMANY
Parts and Engines

Valeo



BUSINESS UNITS: SUITABLE FOR EUROPEAN DIESEL ENGINES AND VEHICLE BRANDS

HEAVY-DUTY COMMERCIAL VEHICLES



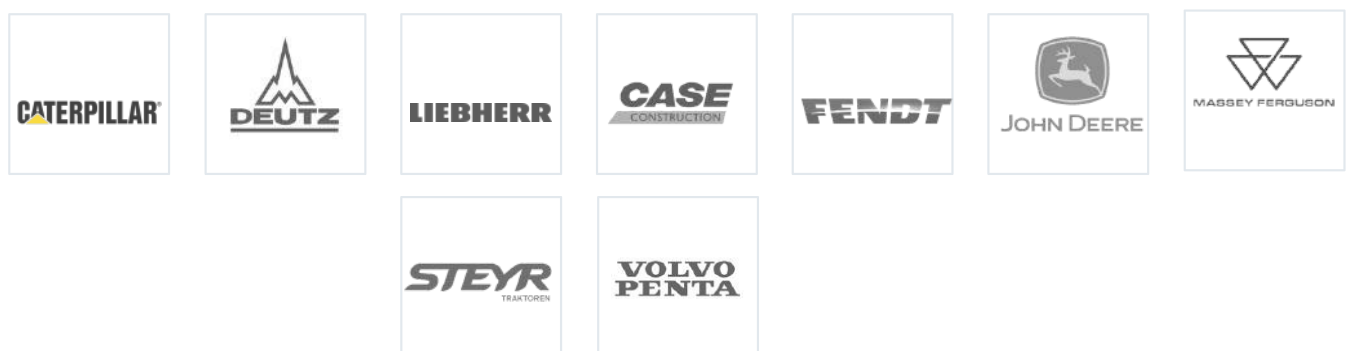
LIGHT COMMERCIAL VEHICLES



PASSENGER CARS



AGRICULTURAL & CONSTRUCTION EQUIPMENT/MACHINERY



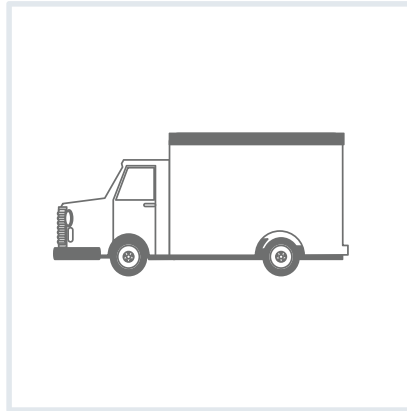
MARINE & INDUSTRIAL EQUIPMENT/MACHINERY



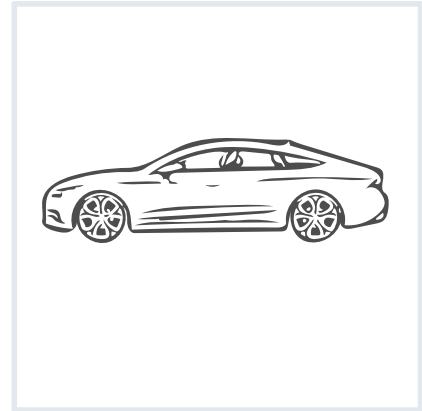
INDUSTRY SNAPSHOT: APPLICABLE SECTORS FOR GAS AND DIESEL ENGINES & PARTS



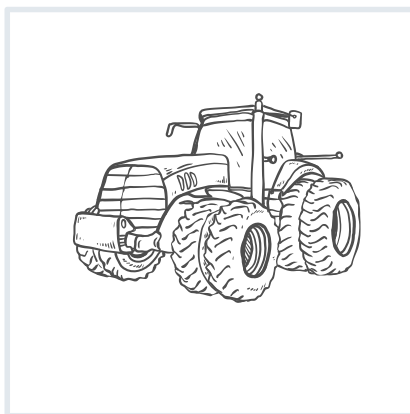
COMMERCIAL VEHICLES



LIGHT COMMERCIAL VEHICLES



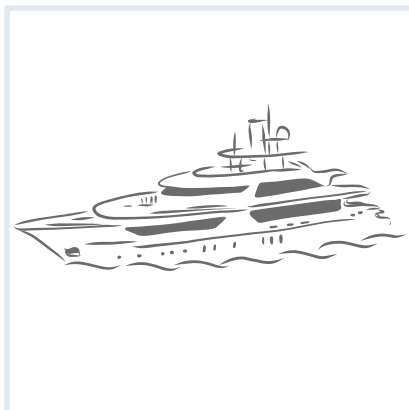
PASSENGER CARS



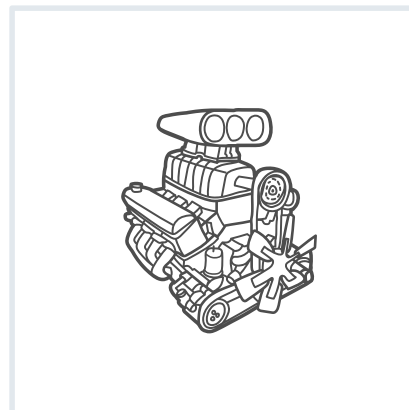
AGRICULTURAL INDUSTRY
ENGINES & COMPONENTS



CONSTRUCTION INDUSTRY
ENGINES & COMPONENTS



MARINE INDUSTRY
ENGINES & COMPONENTS



MANUFACTURING INDUSTRY
ENGINES & COMPONENTS

TOP PRODUCT OVERVIEW / MAJOR EUROPEAN APPLICATIONS



CRANKSHAFT - Plays a pivotal role in translating the linear up-and-down motion of the pistons into rotational motion. This rotation drives the vehicle's wheels or powers other machinery. Made of robust materials, it ensures durability and smooth engine performance. OE Germany offers crankshafts for major European commercial vehicles with fitted specifications according to manufacturers standard.



CRANKCASE - The crankcase houses and protects critical components like the crankshaft, connecting rods, and other internal components. It also contains the engine oil, which lubricates these parts, prevents overheating, and aids in sealing. Proper maintenance ensures engine longevity and efficiency. That's where OE Germany parts come in handy due to its superior quality.



CAMSHAFT - The camshaft regulates the opening and closing of intake and exhaust valves, ensuring precise timing for optimal combustion. It works in harmony with the crankshaft via a timing belt or chain. Proper camshaft operation is vital for fuel efficiency, power, and engine lifespan. OE Germany offers crankshafts for major European commercial vehicles with fitted specifications according to manufacturers standard.



TOP PRODUCT OVERVIEW / MAJOR EUROPEAN APPLICATIONS



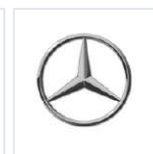
CYLINDER HEADS - Seal the top of the cylinders, forming the combustion chamber. It houses intake and exhaust valves, injectors, and often glow plugs. Properly functioning cylinder heads ensure efficient combustion, maintain compression, and dissipate heat for optimal performance. OE Germany offers cylinder heads with or without valves in OE quality.



SHORT BLOCKS - encompasses the engine's lower components, including the crankshaft, connecting rods, pistons, and the engine block itself. It forms the engine's core foundation. When rebuilding an engine, a short block provides a solid base to which other components can be added or replaced. At Al Assil, we can offer you OE standard compliant short blocks fitted to Mercedes-Benz and MAN heavy commercial vehicles.



TURBOCHARGER - plays an important role by utilizing the engine's exhaust gases to drive a turbine. This, in return, powers a compressor that draws and compresses more air into the combustion chamber. With this increased volume of air, more diesel fuel can be injected and combusted, leading to a significant boost in power output. Turbochargers enhance fuel efficiency and aid in reducing harmful exhaust emissions.



TOP PRODUCT OVERVIEW / MAJOR EUROPEAN APPLICATIONS



FLYWHEEL - serves multiple purposes. It's a heavy rotating mass attached to the crankshaft, providing momentum to smooth out the engine's power strokes, reducing vibrations and fluctuations. It also serves as a mounting surface for the starter motor, aiding in engine starting. Flywheel also plays a role in transmitting power to the transmission through a clutch in manual systems.



WATER PUMP - is responsible for circulating coolant through the engine block, cylinder heads, and radiator. By ensuring a consistent flow, it helps maintain an optimal operating temperature, preventing overheating. Driven by belts or chains connected to the engine, a reliable water pump is essential to prevent engine damage, ensure efficient fuel consumption, and maximize the engine's lifespan and overall performance.



VALVES - play a crucial role. Intake valves admit air into the combustion chamber, while exhaust valves release burnt gases. Working in sync with the camshaft, their accurate timing is essential. They ensure optimal fuel combustion, maximize power output, reduce emissions, and maintain engine efficiency and reliability. In general, valves regulate air and exhaust flow, aiding in combustion and power generation.



TOP PRODUCT OVERVIEW / MAJOR EUROPEAN APPLICATIONS



CONNECTING ROD - serves multiple purposes. It's a heavy rotating mass attached to the crankshaft, providing momentum to smooth out the engine's power strokes, reducing vibrations and fluctuations. It also serves as a mounting surface for the starter motor, aiding in engine starting. Flywheel also plays a role in transmitting power to the transmission through a clutch in manual systems.



PISTON/CYLINDER LINER ASSEMBLY - This assembly in a diesel engine facilitates the conversion of fuel energy into mechanical movement. The piston moves up and down within the cylinder liner during the engine's operation. As diesel fuel is injected and ignited, the explosion forces the piston downward, generating power. The cylinder liner, made of wear-resistant material, protects the cylinder block from wear and tear ensuring smooth piston movement. This assembly is pivotal in maintaining engine efficiency and longevity. Proper lubrication and cooling are essential to prevent excessive wear and overheating. OE Germany takes pride in its piston/cylinder liner assembly for reliable maintenance and repair solution.



PRODUCT HIGHLIGHT

TURBOCHARGER

In collaboration with OE Germany, AL ASSIL is capable of supplying Turbochargers for passenger cars, vans, heavy commercial vehicles, and industrial engines.

Turbochargers are key components in many diesel engines, designed to enhance engine performance and efficiency. It work by using exhaust gases to spin a turbine, which is turn drives an air compressor. This compressor pushes more air into the engine's combustion chamber, allowing for more fuel to be burned and thereby producing more power. Choosing turbocharger in a diesel engine has several advantages including low-emission, fuel efficiency, durability, and power.



MAJOR EUROPEAN APPLICATIONS:



ADVANTAGES OF TURBOCHARGER

- ✓ Increased Power Output
- ✓ Fuel Efficiency
- ✓ Emissions Reduction
- ✓ Compactness
- ✓ Torque Boost

MAIN REASONS

- By allowing more air & fuel into the combustion chamber, there's a significant boost in engine power without increasing engine size.
- With improved combustion efficiency, diesel engines with turbochargers often have better fuel economy.
- Enhances combustion which results in reduced harmful exhaust emissions.
- Turbochargers enable smaller engine designs without sacrificing performance, which is valuable for space-saving in modern vehicles.
- Diesel engines are known for their torque, and turbochargers can further enhance this characteristics, especially at low RPMs.

DISTRIBUTOR OF:



COMPONENTS

AXIS DRIVE



DIFFERENTIAL



LONGITUDINAL SHAFT



TRANSFER GEAR PARTS

AXLE SUSPENSION / WHEEL GUIDE / WHEELS



AXLE SUPPORT / AXLE BODY BEARING



HANDLEBAR BEARING



SUSPENSION STRUT MOUNTING BEARING



U JOINTS



STABILIZER / STRUT/RODS / MOUNTING PARTS

FUEL SYSTEM



FUEL PUMP



NOZZLES



FUEL PUMP



INJECTOR VALVE

COMPONENTS

EXHAUST SYSTEM



INTAKE & EXHAUST MANIFOLD

BODY WORK



CAB MOUNTING

GEARBOX BEARINGS



AUTOMATIC / MANUAL TRANSMISSION

S U S P E N S I O N / D A M P I N G



LEAF SPRING SUSPENSION



SUSPENSION STRUT / SHOCK ABSORBER MOUNTING



SUSPENSION

S T E E R I N G



STEERING PARTS



HYDRAULIC PUMP



STEERING SUSPENSION



STEERING COLUMN LEVER



TIE RODS / INDIVIDUAL PARTS

DETAILED COMPONENTS

E N G I N E P A R T S



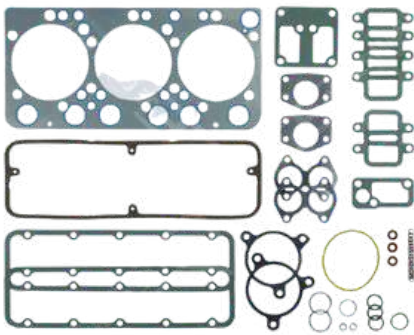
CRANKCASE



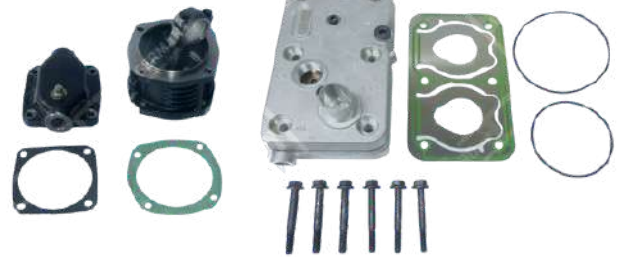
CRANKSHAFT



CAMSHAFT



G A S K E T S E T S



C O M P R E S S O R & P A R T S



LUBRICATION



E N G I N E M O U N T I N G P A R T S



C O N N E C T I N G R O D S



C Y L I N D E R H E A D

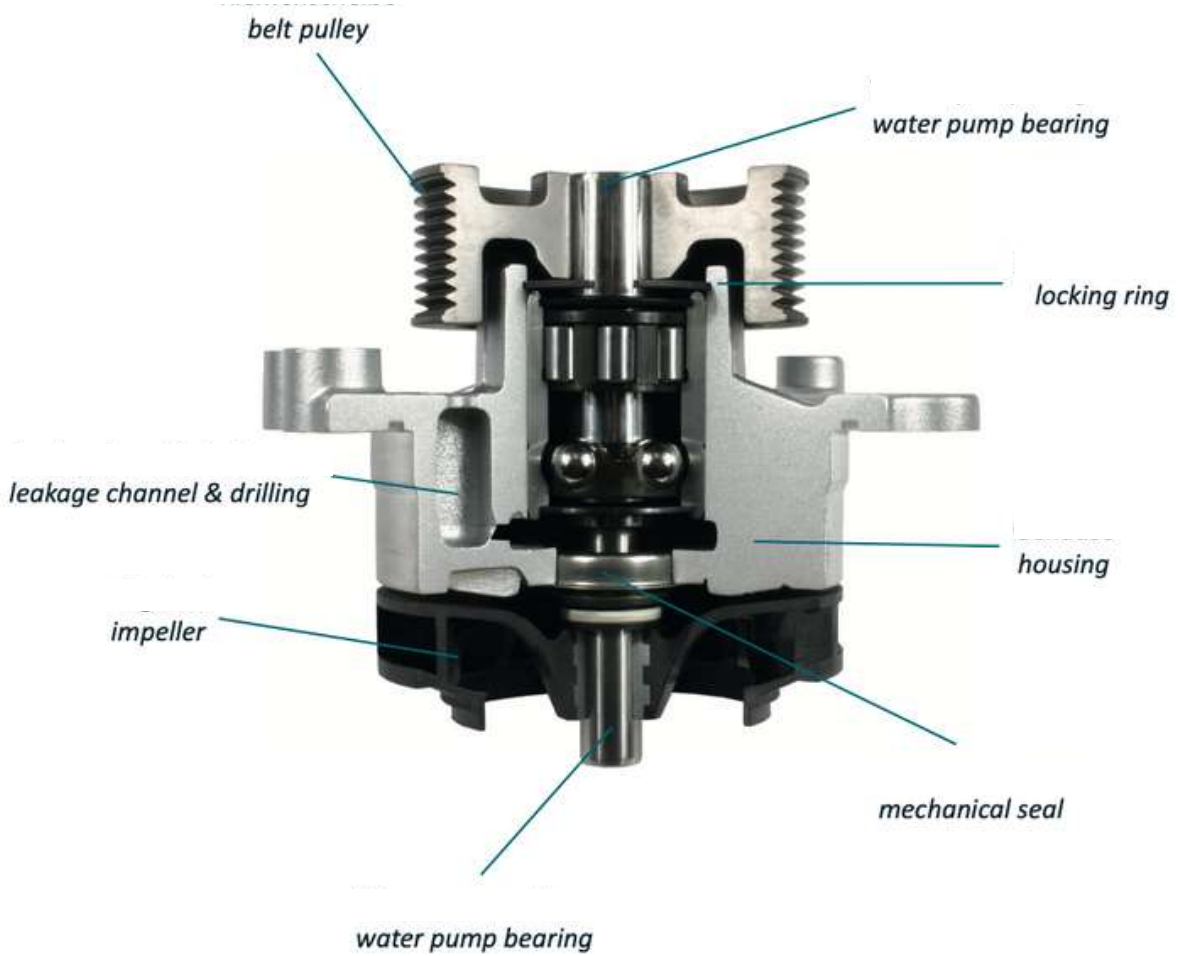


P I S T O N / C Y L I N D E R A S S Y .



V A L V E T R A I N

WATER PUMP / GUIDE PULLEY / BELT TENSIONER



CONSTRUCTION & DRIVE TYPES (Water Pump Parts)



PLUG IN PUMP

Mounting directly on engine block

Transfers liquids from one place to another offering convenience in portability and easy setup.



ADD-ON PUMP

Mounting on a base plate / object

Assist a primary system, facilitating increased fluid movement or pressure for improved performance and efficiency.



FLANGE

Transfers liquids from one place to another offering convenience in portability and easy setup.



GEAR WHEEL

Transfer rotational force from the motor to the pump, converting mechanical energy into fluid motion, ensuring efficient water flow and circulation.



POLY V-BELT PULLEY

Drives the pump using multiple V-grooves, ensuring consistent torque transfer, smooth operation, and efficient water circulation.



V-BELT PULLEY

Transfers power from the engine to the pump, converting rotational energy to fluid movement, enabling effective water flow and distribution.



FLAT BELT PULLEY

Transfers power from the engine to the pump, converting rotational energy to fluid movement, enabling effective water flow and distribution.



ELECTROMAGNETIC CLUTCH

Transfers power from the engine to the pump, converting rotational energy to fluid movement, enabling effective water flow and distribution.

IMPELLER (Water Pump Parts)



PLASTIC OPEN - a type of impeller used in pumps, designed without a front and back shroud. The plastic open impeller is often lightweight and resistant to corrosion from chemicals. Its main function is to transfer energy from the motor to the fluid, causing the fluid to flow. This design reduces clogging, making it ideal for handling solids and debris fluids.



PLASTIC CLOSED - a closed impeller is an impeller with front and back shrouds. Made of plastic, it offers resistance to chemical corrosion and is lightweight. The primary function of a plastic closed impeller is to efficiently transfer energy from the motor to the fluid, propelling it forward. Due to its enclosed design, it operates with reduced wear and enhanced efficiency, especially in clear liquids.






CAST OPEN - a plastic cast open impeller is molded from plastic materials, ensuring precise design and resistance to chemical corrosion. Lacking front and back shrouds, this open impeller type minimizes clogs when handling fluids with debris. Its main purpose is to transfer energy from the motor to the fluid, enabling fluid movement, making it apt for applications where solid content is high.

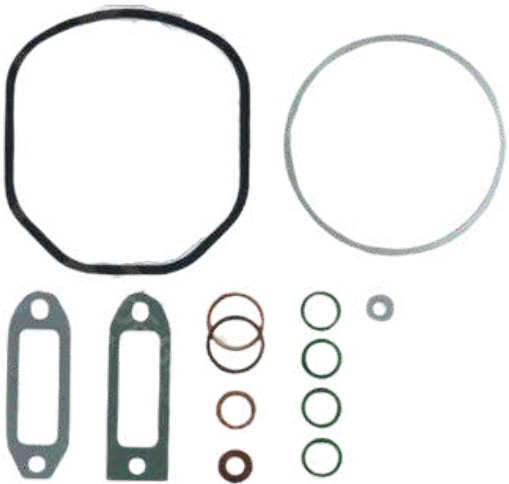


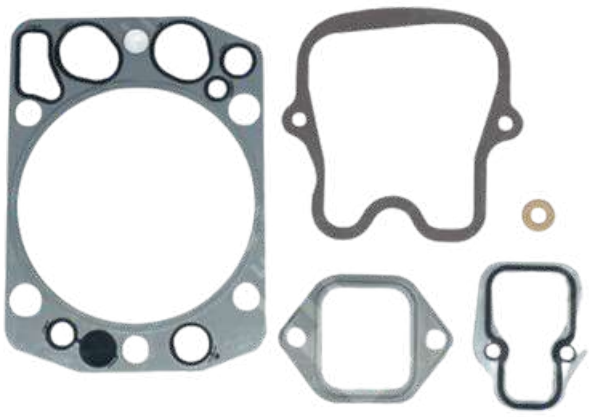
CAST CLOSED - a plastic cast closed impeller is a precise molded from plastic, offering chemical resistance and dimensional accuracy. Featuring front and back shrouds, this impeller ensures efficient fluid movement by effectively transferring energy from the motor. Its enclosed design reduces wear and ensures optimal performance, especially suited for clear and relatively debris-free liquids.

ADVANTAGES OF PLASTIC VERSION

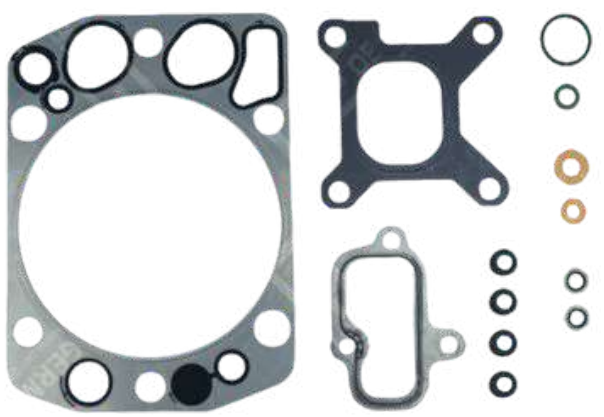
-  Lower weight
-  optimal geometry of wings
-  improvement of conveying capacity and volume flow

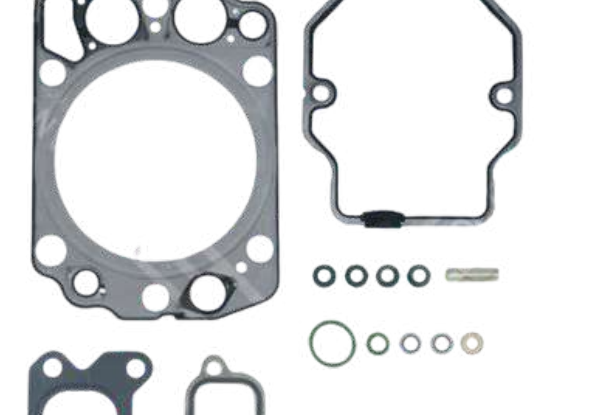
GASKET SETS

<p>04 3004 910000</p>  <p>DEUTZ</p>	<p>ENGINE TYPE</p> <p>BF4L913/913T BF6L... F2L912 F3L912/913 F4L912/913 F5L912 F6L912/913</p>	<p>REFERENCE</p> <p>03-12612-05 OEG 03-12612-05 0293 1476 0292 8994 0291 0048</p>
	<p>CYLINDER: 4 Ø mm: R 2/3/4/5/6 100/102</p>	<p>NOTE Gasket set, cylinder head w/o cylinder head gasket</p>

<p>02 3004 280000</p>  <p>MAN</p>	<p>ENGINE TYPE</p> <p>D 2840..., D 2842..., D 2848... D 2865..., D 2866..., D 2876... E 2866..., E 2876... G 2866..., G 2876...</p>	<p>REFERENCE</p> <p>03-25275-03 OEG 03-25275-03 51.00900.6558</p>
	<p>CYLINDER: Ø mm: R 5, V6/8/10/12 125/128</p>	<p>NOTE gasket set, cylinder head</p>

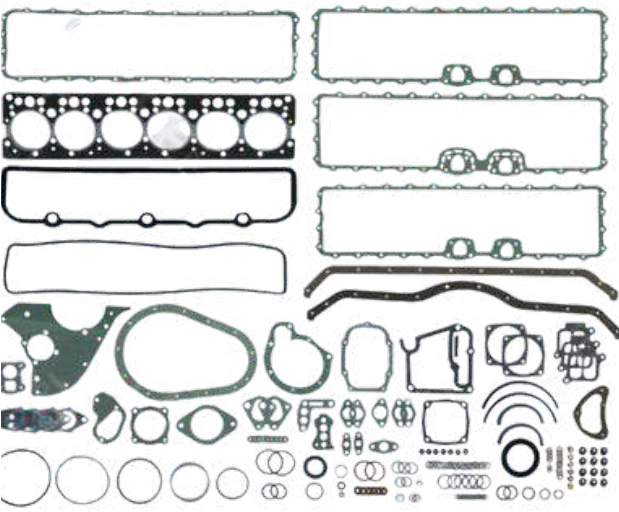

GASKET SETS

02 3004 280001	ENGINE TYPE	REFERENCE
 <p>MAN</p>	<p>D2866... D2876...</p>	<p>03-25275-06 OEG 03-25275-06 51.00900.6630</p>
<p>CYLINDER: Ø mm: R 6 128</p>		<p>NOTE gasket set, cylinder head w/ valve stem seal w/o valve cover gasket</p>

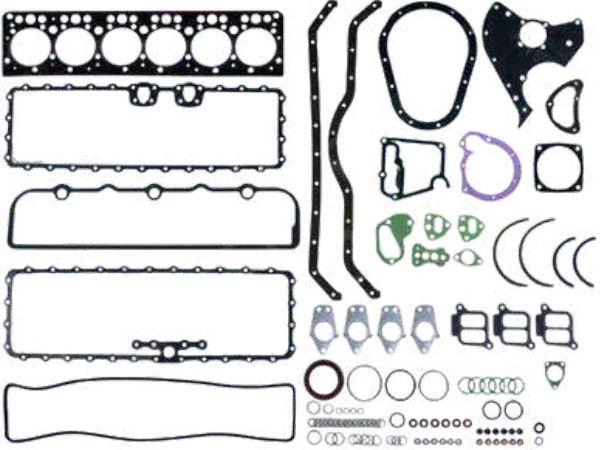

02 3004 287600	ENGINE TYPE	REFERENCE
 <p>MAN</p>	<p>D2876 LE121/122 /123/124 D2876 LF12/13/25 D2876 LOH 20/21</p>	<p>009.981 OEG 009.981 51.00900.6653</p>
<p>CYLINDER: Ø mm: R 6 128</p>		<p>NOTE gasket set, cylinder head</p>

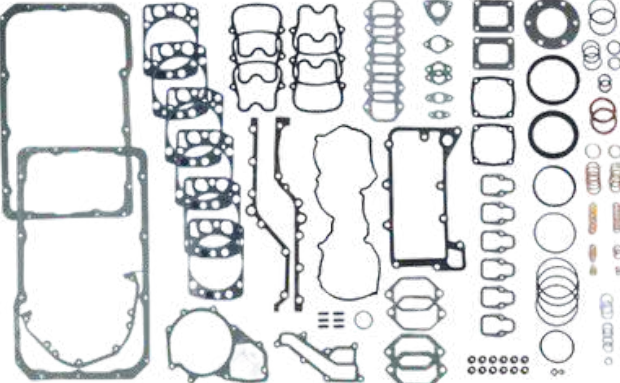

GASKET SETS

<p>02 3006 200000</p>  	<p>ENGINE TYPE</p> <p>DD2066.../2676... D2842 LF10 D2862 LE421/422/431/432 LE463 /631/632/633 D2866.../2868.../2876... D3262 LE202 M 116.../117... OM 457.../458.../460... OM 521.../522.../541.../542... OM 601.../602.../603... /661.../662... OM 941.../942...</p>	<p>REFERENCE</p> <p>51.04902.0033 814.882</p>
<p>CYLINDER: Ø mm:</p> <p>R 6, V 6/8/12 89/120/126/128/130/132</p>	<p>NOTE</p> <p>valve stem seal</p>	

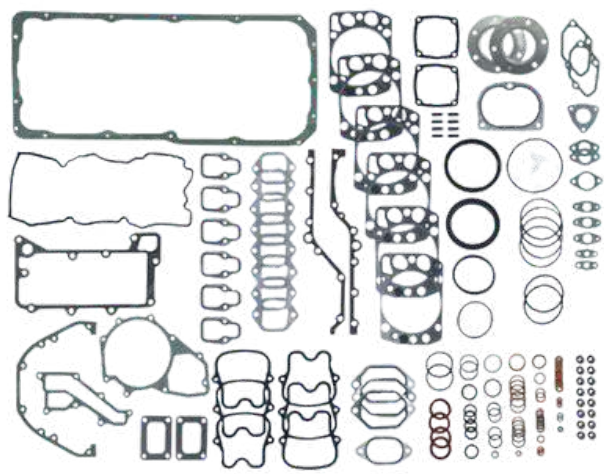
<p>01 3000 300000</p>  	<p>ENGINE TYPE</p> <p>OM 356.901/357.963 OM 366.955/376.905 OM 382.971/386.906</p>	<p>REFERENCE</p> <p>01-27350-07 OEG 01-27350-07</p>
<p>CYLINDER: Ø mm:</p> <p>R 6 97,50</p>	<p>NOTE</p> <p>gasket set, engine w/ shaft seal crankshaft w/ valve stem seal</p>	

GASKET SETS

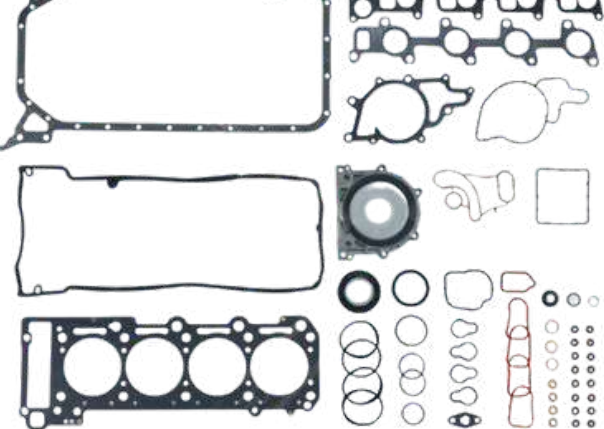
<p>01 3000 366000</p>  	<p>ENGINE TYPE</p> <p>OM 366</p>	<p>REFERENCE</p> <p>423.701 OEG 423.701</p>
<p>CYLINDER: Ø mm:</p> <p>R 6 97,50</p>	<p>NOTE</p> <p>gasket set, engine</p>	

<p>01 3000 400000</p>  	<p>ENGINE TYPE</p> <p>OM 401... OM 441... OM 445...</p>	<p>REFERENCE</p> <p>01-27350-07 OEG 01-27350-07</p>
<p>CYLINDER: Ø mm:</p> <p>V 6 125/128</p>	<p>NOTE</p> <p>gasket set, engine w/ shaft seal crankshaft w/ valve stem seal w/o cyl liner sealrings</p>	

GASKET SETS

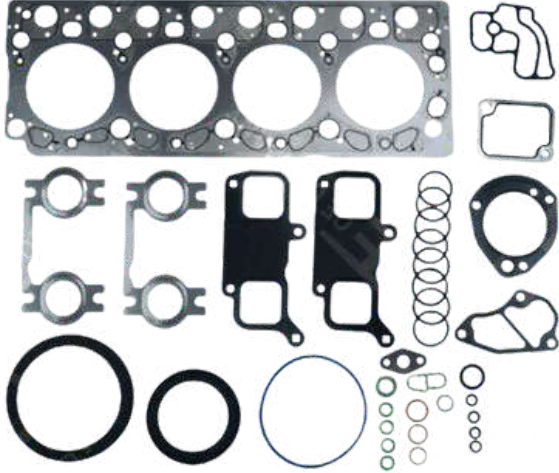

01 3000 400001	ENGINE TYPE	REFERENCE
	<p>OM 402... OM 440... OM 442... OM 446...</p>	<p>401-25105-40 OEG 01-25105-40</p>
<p>CYLINDER: Ø mm: V 8 125/128</p>		<p>NOTE gasket set, engine w/ shaft seal crankshaft w/ valve stem seal w/o cyl. liner sealrings</p>

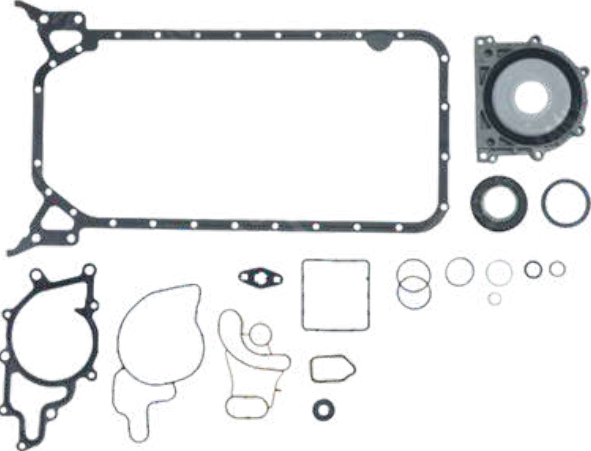



01 3000 611000	ENGINE TYPE	REFERENCE
	<p>OM 611.960 OM 611.961</p>	<p>01-31555-01 OEG 01-31555-01 611 010 45 20 611 010 06 05 611 016 01 21</p>
<p>CYLINDER: Ø mm: R 4 88</p>		<p>NOTE gasket set, engine w/ shaft seal crankshaft w/ valve stem seal</p>

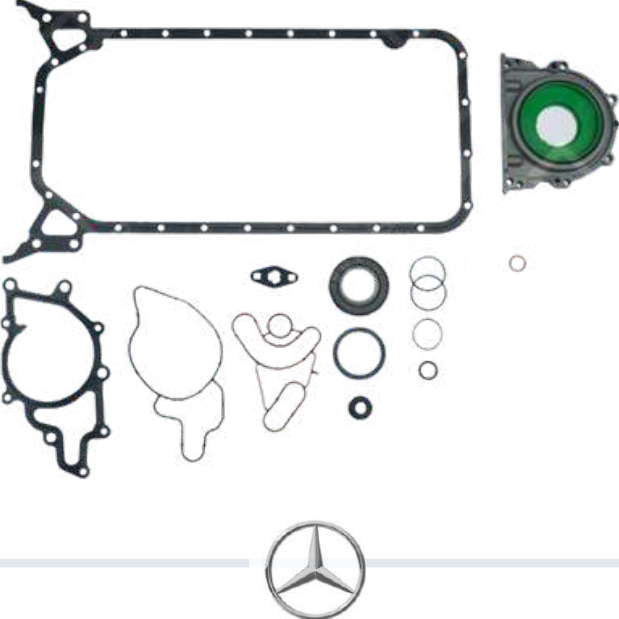



GASKET SETS

01 3000 900000	ENGINE TYPE	REFERENCE
	OM 900... OM 904... OM 907...	058.723 OEG 058.723 904 010 45 05 +904 016 10 20 +906 141 01 80 (2x) +906 142 02 80 (2x) +906 203 01 76 +906 201 00 80
	CYLINDER: Ø mm: R 4 102	NOTE full gasket set, engine w/ shaft seal crankshaft w/o valve stem seal w/o valve cover gasket

01 3001 600000	ENGINE TYPE	REFERENCE
	OM 611... OM 646...	267.000 OEG 267.000 611 010 06 05
	CYLINDER: Ø mm: R 4 88	NOTE gasket set, crankcase w/ shaft seal crankshaft

GASKET SETS

<p>01 3001 611000</p> 	<p>ENGINE TYPE</p> <p>OM 611.960 OM 611.961</p>	<p>REFERENCE</p> <p>294.720 OEG 294.720 611 010 06 05</p>
<p>CYLINDER: Ø mm:</p> <p>R 4 88</p>	<p>NOTE</p> <p>gasket set, crankcase w/ shaft seal crankshaft</p>	

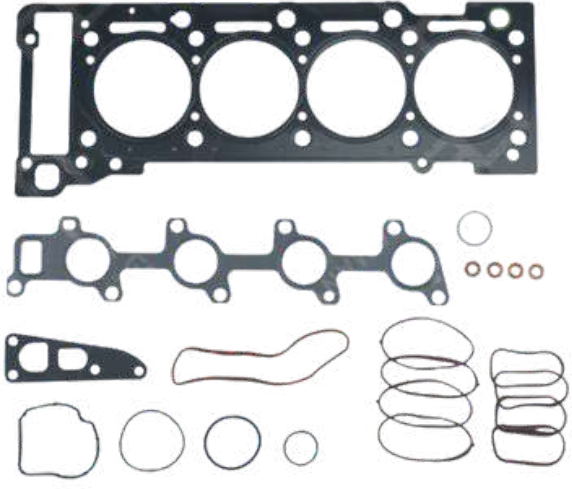
<p>01 3001 900000</p> 	<p>ENGINE TYPE</p> <p>OM 900... OM 904... OM 907... OM 924...</p>	<p>REFERENCE</p> <p>413.700 OEG 413.700 904 010 45 05</p>
<p>CYLINDER: Ø mm:</p> <p>R 4 102/106</p>	<p>NOTE</p> <p>gasket set, crankcase w/o oil pan gasket w/ shaft seal crankshaft</p>	

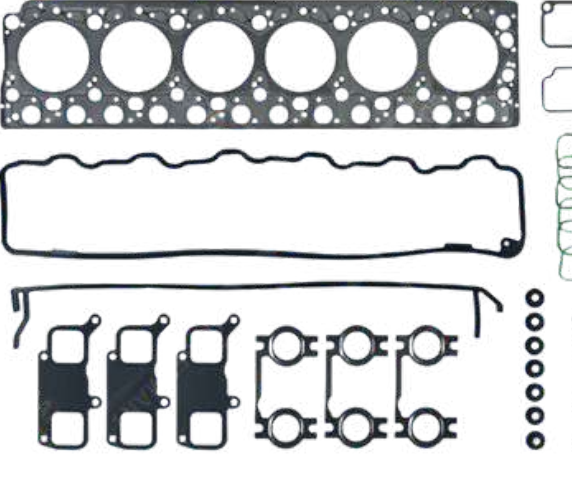
GASKET SETS

<p>01 3002 904000</p>	<p>ENGINE TYPE</p> <p>OM 904... OM 907...</p>	<p>REFERENCE</p> <p>075.445 OEG 075.445 904 010 42 21</p>
<p>CYLINDER: Ø mm:</p> <p>R 4 102/106</p>	<p>NOTE</p> <p>gasket set, cylinder head cylinder head cover material: cast aluminum</p>	

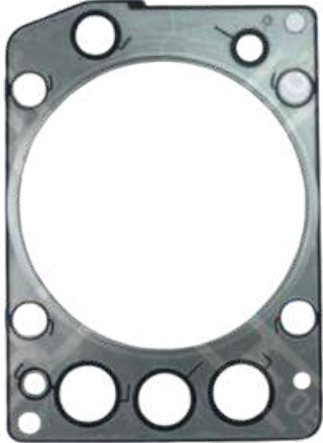

<p>01 3004 400000</p>	<p>ENGINE TYPE</p> <p>OM 401.../402.../403... OM 407.../409... OM 421.../422.../423... OM 424.../429... OM 440.../441.../442... OM 445.../446.../466... OM 475.../476.../481... OM 482.../485.../489... OM 492</p>	<p>REFERENCE</p> <p>403-25105-08 OEG 03-25108-08 444 010 01 20</p>
<p>CYLINDER: Ø mm:</p> <p>R 5, V 6/8/10/12 125/128/130</p>	<p>NOTE</p> <p>gasket set, cylinder head w/ valve stem seal</p>	

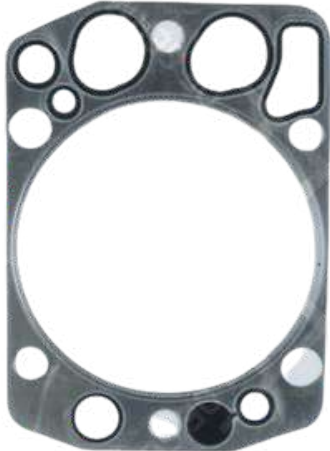

GASKET SETS

01 3004 611000	ENGINE TYPE	REFERENCE
	<p>OM 611.980 OM 611.981 OM 611.987</p>	<p>131.140 OEG 131.140 611 010 45 20</p>
<p>CYLINDER: Ø mm:</p> <p>R 4 88</p>		<p>NOTE gasket set, cylinder head w/o valve cover gasket w/o valve stem seal w/ cylinder head gasket</p>



01 3004 906000	ENGINE TYPE	REFERENCE
	<p>OM 902.935 OM 906.931 OM 909.900</p>	<p>402-36115-01 OEG 02-36115-01 906 010 04 21</p>
<p>CYLINDER: Ø mm:</p> <p>R 6 102/106</p>		<p>NOTE gasket set, cylinder head</p>



GASKET SETS

<p>01 3005 400000</p>  	<p>ENGINE TYPE</p> <p>OM 457... OM 460...</p>	<p>REFERENCE</p> <p>462.451 OEG 462.451 460 016 05 20</p>
<p>CYLINDER: Ø mm:</p> <p>R 6 128</p>	<p>NOTE</p> <p>cylinder head gasket</p>	



<p>01 3005 400001</p>  	<p>ENGINE TYPE</p> <p>M 476... OM 401.../402.../403... OM 407.../409... OM 421.../422.../423... OM 424.../427.../429... OM 440.../441.../442... OM 443.../445.../446... OM 447.../475.../476... OM 481.../482.../485... OM 489...</p>	<p>REFERENCE</p> <p>442 016 04 20 412.180 442 016 05 20</p>
<p>CYLINDER: Ø mm:</p> <p>R 5, V 6/8/10/12 125/128/130</p>	<p>NOTE</p> <p>cylinder head gasket</p>	



GASKET SETS

<p>01 3005 500000</p>  	<p>ENGINE TYPE</p> <p>OM 521... OM 522... OM 541... OM 542... OM 941... OM 942...</p>	<p>REFERENCE</p> <p>541 016 11 20 052.480</p>
<p>CYLINDER: Ø mm:</p> <p>V 6 / V 8 130</p>	<p>NOTE</p> <p>cylinder head gasket</p>	

<p>01 3005 600000</p>  	<p>ENGINE TYPE</p> <p>OM 611... OM 646...</p>	<p>REFERENCE</p> <p>762.811 OEG 762.811 646 016 05 20 611 016 10 20 611 016 11 20</p>
<p>CYLINDER: Ø mm:</p> <p>R 4 88</p>	<p>NOTE</p> <p>cylinder head gasket</p>	

GASKET SETS

<p>01 3005 906000</p>  	<p>ENGINE TYPE</p> <p>OM 902... OM 906... OM 909...</p>	<p>REFERENCE</p> <p>082.734 OEG 082.734 906 016 14 20</p>
<p>CYLINDER: Ø mm:</p> <p>R 6 102</p>	<p>NOTE</p> <p>cylinder head gasket</p>	

<p>01 3006 400000</p>  	<p>ENGINE TYPE</p> <p>M 476... OM 401.../402.../403... OM 407.../409.../421 OM 422.../423.../424... OM 427.../429.../440... OM 441.../442.../443 OM 445.../446.../447 OM 475.../476.../481 OM 482.../485.../489 D2866.../2876... E2848 LE322; E2866... E2876... G2876 DUH01/02</p>	<p>REFERENCE</p> <p>422 053 01 96 562.298</p>
<p>CYLINDER: Ø mm:</p> <p>R 4 88</p>	<p>NOTE</p> <p>valve stem seal</p>	

GASKET SETS

01 3006 900000



ENGINE TYPE

M 902.900
M 906.900
OM 900.../902.../904...
OM 906.../907.../909...
OM 924.../925.../926...

REFERENCE

906 053 03 58
906 053 02 58
906 053 04 58
104.380

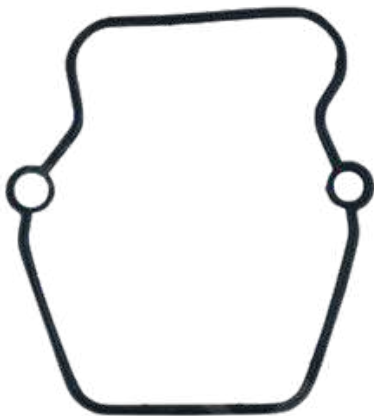
CYLINDER: Ø mm:

R 4 / R 6
102/106

NOTE

valve stem seal

01 3020 400000



ENGINE TYPE

OM 457...
OM 460...

REFERENCE

338.740 OEG
338.740
460 016 00 21
460 016 01 21



CYLINDER: Ø mm:

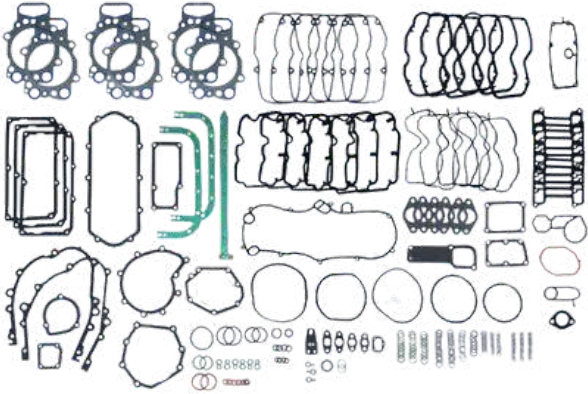
R 6
128

NOTE

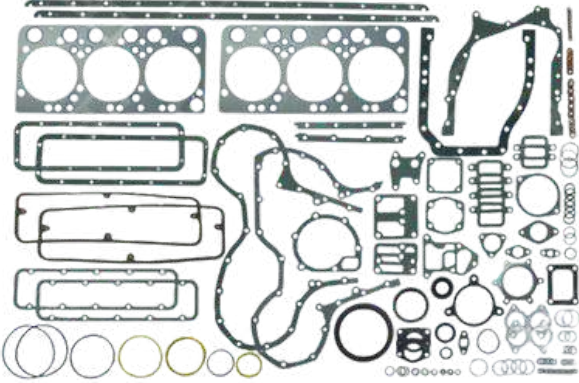
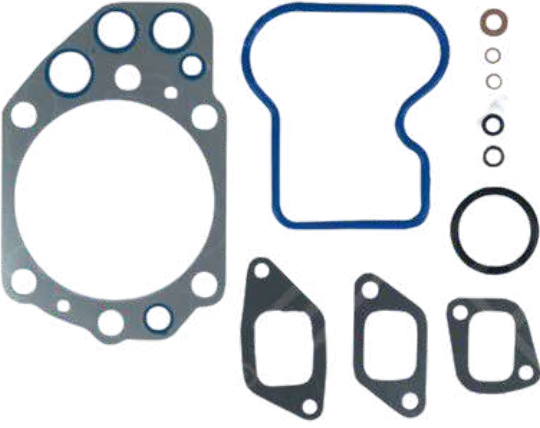
cylinder head cover
gasket
cyl. head cover
material:plastic

GASKET SETS

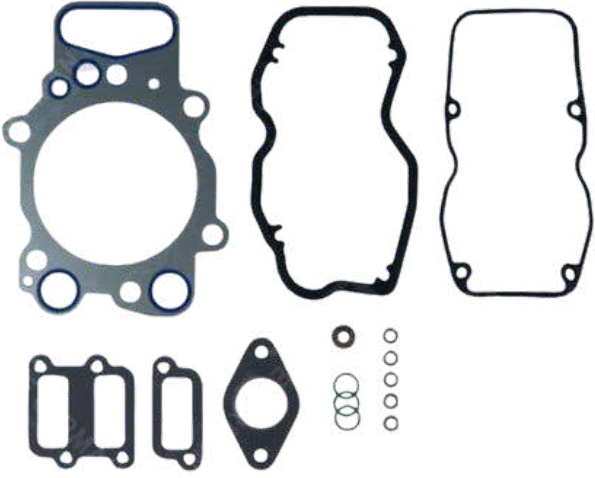
<p>01 3020 457000</p>  	<p>ENGINE TYPE</p> <p>OM 457... OM 458... OM 460...</p>	<p>REFERENCE</p> <p>875.183 OEG 875.183 457 014 02 22</p>
<p>CYLINDER: Ø mm:</p> <p>R 6 128</p>	<p>NOTE</p> <p>oil pan gasket</p>	

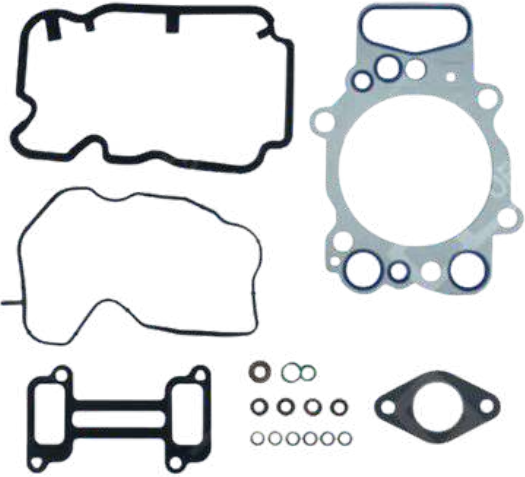
<p>05 3000 551356</p>  <p>SCANIA</p>	<p>ENGINE TYPE</p> <p>DC 11... DC/DSC/DT 12...</p>	<p>REFERENCE</p> <p>351 356</p>
<p>CYLINDER: Ø mm:</p> <p>R 6 127</p>	<p>NOTE</p> <p>gasket set, engine w/ valve stem seal w/ shaft seal crankshaft</p>	

GASKET SETS

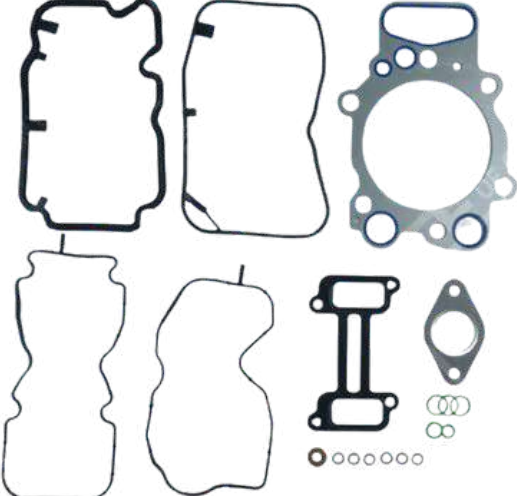
<p>05 3000 DS1100</p>  <p>SCANIA</p>	<p>ENGINE TYPE</p> <p>DS/DSC 11...</p>	<p>REFERENCE</p> <p>01-31220-05 OEG 01-31220-05</p>
<p>CYLINDER: Ø mm:</p> <p>R 6 127</p>	<p>NOTE</p> <p>gasket set, engine w/ shaft seal crankshaft w/o cyl. liner sealrings</p>	
<p>05 3004 551484</p>  <p>SCANIA</p>	<p>ENGINE TYPE</p> <p>DN 9.01 DS/DSC 9...</p>	<p>REFERENCE</p> <p>551 484</p>
<p>CYLINDER: Ø mm:</p> <p>R 6 115</p>	<p>NOTE</p> <p>gasket set, cylinder head</p>	

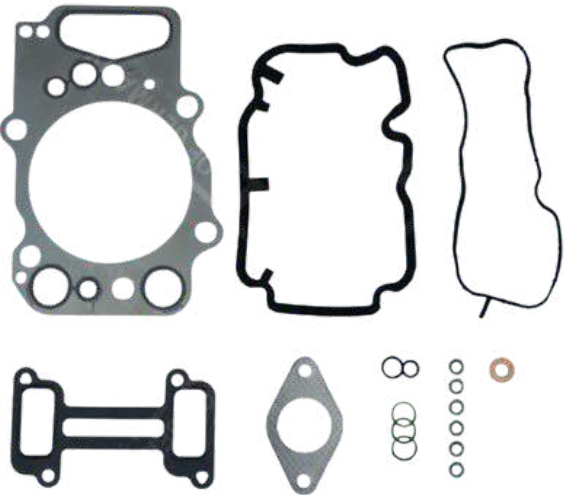
GASKET SETS

<p>05 3004 551350</p>  <p>SCANIA</p>	<p>ENGINE TYPE</p> <p>DC 11.07 DSC 12.01/12.02</p>	<p>REFERENCE</p> <p>551 350</p>
<p>CYLINDER: Ø mm:</p> <p>R 6 127</p>	<p>NOTE</p> <p>gasket set, cylinder head</p>	

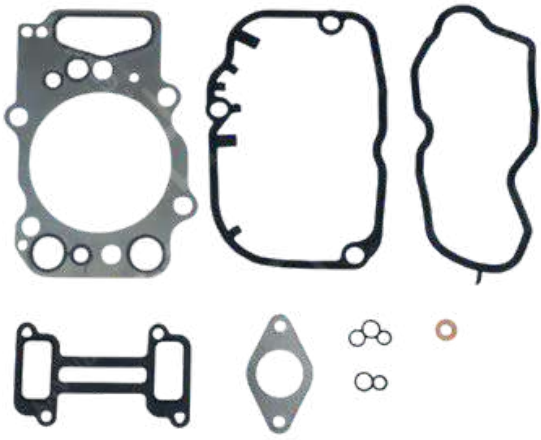
<p>05 3004 D00000</p>  <p>SCANIA</p>	<p>ENGINE TYPE</p> <p>DC 11.01/02/03/04 DC 12.01/02/03 DC 16.01-06/08/09 DC 16.01-17/18/19/22 DSC 12.0 DT 12.02/08 DT 16.08</p>	<p>REFERENCE</p> <p>138.490 OEG 138.490 550 469 1754607</p>
<p>CYLINDER: Ø mm:</p> <p>R 6, V 8 127</p>	<p>NOTE</p> <p>gasket set, cylinder head w/ valve stem seal</p>	

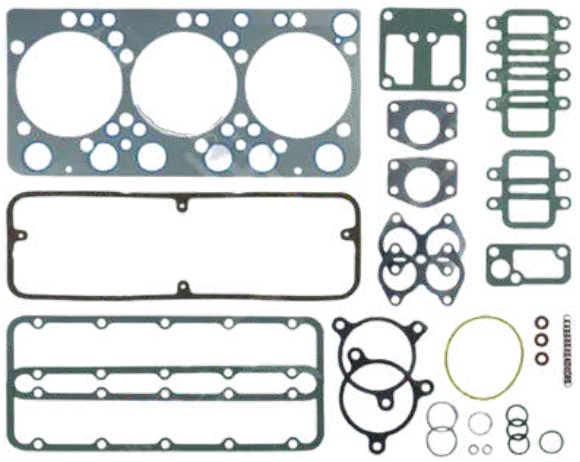
GASKET SETS

<p>05 3004 D00001</p>  <p>SCANIA</p>	<p>ENGINE TYPE</p> <p>DC 11... DC/DSC/DT 12...</p>	<p>REFERENCE</p> <p>03-34880-01 OEG 03-34880-01 551 363</p>
<p>CYLINDER: Ø mm:</p> <p>R 6 127</p>	<p>NOTE</p> <p>gasket set, cylinder head</p>	


<p>05 3004 DC1000</p>  <p>SCANIA</p>	<p>ENGINE TYPE</p> <p>DC 11... DC 16... DSC 12.05</p>	<p>REFERENCE</p> <p>03-34885-01 OEG 03-34885-01 550 469</p>
<p>CYLINDER: Ø mm:</p> <p>R 6, V 8 127</p>	<p>NOTE</p> <p>gasket set, cylinder head</p>	

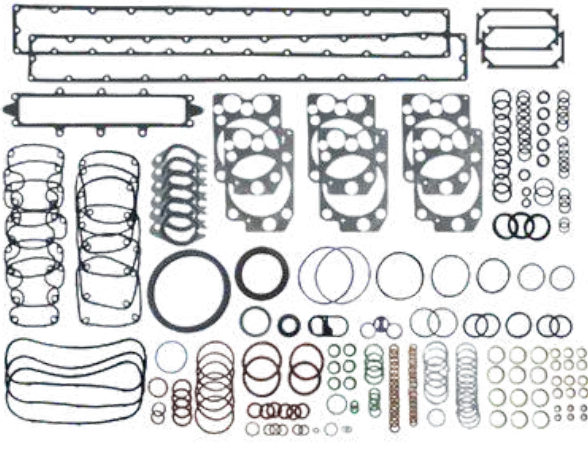
GASKET SETS

05 3004 DC1001	ENGINE TYPE	REFERENCE
 <p>SCANIA</p>	DC 9... DC 11.08 / 11.09 DC 12... DC 16... DT 12...	03-34885-02 OEG 03-34885-02 1725 112
CYLINDER: Ø mm: R 6 / V 8 127		NOTE gasket set, cylinder head

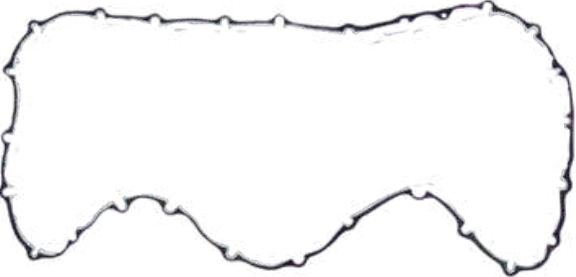
05 3004 DS1100	ENGINE TYPE	REFERENCE
 <p>SCANIA</p>	DS/DSC 11...	02-31220-02 OEG 02-31220-02 551 500 551 512
CYLINDER: Ø mm: R 6 127		NOTE gasket set, cylinder head

GASKET SETS

<p style="text-align: center;">05 3004 DS1400</p>  <p style="text-align: center;">SCANIA</p>	<p style="text-align: center;">ENGINE TYPE</p> <p>D 14 DS/DSC 14...</p>	<p style="text-align: center;">REFERENCE</p> <p>03-31050-01 OEG 03-31050-01 550 214 551 469</p>
<p style="text-align: center;">CYLINDER: Ø mm:</p> <p>V 8 127</p>	<p style="text-align: center;">NOTE</p> <p>gasket set, cylinder head</p>	

<p style="text-align: center;">05 3004 DS1100</p>  <p style="text-align: center;">VOLVO PENTA</p>	<p style="text-align: center;">ENGINE TYPE</p> <p>THD 101.../102.../103...</p>	<p style="text-align: center;">REFERENCE</p> <p>01-27190-04 OEG 01-27190-04 270 789-1 275 741-0 275 785-4 276 052-8</p>
<p style="text-align: center;">CYLINDER: Ø mm:</p> <p>R 6 128</p>	<p style="text-align: center;">NOTE</p> <p>gasket set, engine w/ shaft seal crankshaft w/o cyl liner sealrings</p>	

GASKET SETS

<p>03 3020 D12000</p>  <p>VOLVO PENTA</p>	<p>ENGINE TYPE</p> <p>D 12... DH 12... DXI 12</p>	<p>REFERENCE</p> <p>355.980 OEG 355.980 1677656 20712545 7420 712 545</p>
<p>CYLINDER: Ø mm:</p> <p>R 6 131</p>	<p>NOTE</p> <p>oil cooler gasket</p>	

OE PART NUMBERS SIMPLIFIED

02	0300	083602	
VEHICLE BRAND	PRODUCT GROUP	ENGINE TYPE	PARTICULAR
01 Mercedes-Benz	0100	.....	Crankcases
02 MAN	0103	.....	Control Housings
03 Volvo/Volvo-Penta	0106	.....	Oil Pans
04 Deutz	0109	.....	Shortblocks
05 Scania	0110	.....	Cylinder Liners
06 DAF	0111	.....	O_Rings
07 Iveco	0119	.....	Cylinder Liners with O-Rings
08 Renault Truck	0120	.....	Cylinder Heads w/o Valves
09 Cummins	0121	.....	Cylinder Head Bolts
	0122	.....	Valve Guides
	0123	.....	Seat Insert Rings
	0129	.....	Cylinder Heads w/ Valves
	0300	.....	Crankshafts
	0310	.....	Connecting Rods
	0311	.....	Big End Bolts
	0312	.....	Big End Nuts
	0320	.....	Pistons
	0321	.....	Piston Ring Sets
	0329	.....	Pistons/Cylinders
	0330	.....	Flywheels
	0500	.....	Camshafts
	0510	.....	Valve Tappets
	0511	.....	Push Rods
	0519	.....	Rocker Arms - Assembly
	0520	.....	Valves
	1300	.....	Compressors - Assembly
	1390	.....	Hydraulic Pumps
	1400	.....	Suction, Pipes & Manifold
	1500	.....	Fuel Pumps
	1800	.....	Oil Pumps
	1820	.....	Oil Coolers
	2000	.....	Water Pumps
	2010	.....	Water Pumps - Repair Kit
	2050	.....	Belt Tensioner
	2051	.....	Tension Pulleys
	2052	.....	Guide Pulleys

OTHER OE PART NUMBERS

02	0300	083602	
VEHICLE BRAND	PRODUCT GROUP	ENGINE TYPE	PARTICULAR
01 Mercedes-Benz	0102	.....	Bearing Housings - Caps
02 MAN	0107	.....	Bearing cap on CShaft Housing
03 Volvo/Volvo-Penta	0112	.....	Scraper Rings
04 Deutz	0124	.....	Injector Tubes
05 Scania	0125	.....	Shims
06 DAF	0127	.....	Bearing Housings
07 Iveco	0301	.....	Races
08 Renault Truck	0303	.....	Crankshaft Timing Gears
09 Cummins	0305	.....	Crankshaft w/ Pilot Bearing
	0306	.....	Camshaft Bearing Sets
	0307	.....	Camshaft Bearings
	0309	.....	Crankshaft Bearings
	0313	.....	Ring Gear
	0314	.....	Main Bearing Pair
	0315	.....	Con Rod Bearing Pair
	0316	.....	Main Crankshaft Bearing Sets
	0317	.....	Con Rod Bearing Set
	0331	.....	Ring Gears 125 gear teeth
	0332	.....	Flywheel Rings
	0334	.....	Vibration Damper
	0335	.....	Flywheel Bolt
	0340	.....	Repair Kit Balance Shafts
	0503	.....	Sprockets
	0504	.....	Rails
	0505	.....	Roller Chains
	0512	.....	Rocker Arms
	0513	.....	Rocker Arms Brackets
	0514	.....	Adjusting Bolts/Nuts
	0521	.....	Valve Cones
	0522	.....	Spring Caps
	0523	.....	Valve Springs
	1310	.....	Compressor - Cylinder/Pistons
	1311	.....	Compressor - Cylinder Liner or Piston
	1320	.....	Compressor - Cylinder Heads
	1331	.....	Compressor - Repair Kits
	1340	.....	Compressor - Drive Gears

OTHER OE PART NUMBERS

02	0300	083602	
VEHICLE BRAND	PRODUCT GROUP	ENGINE TYPE	PARTICULAR
01 Mercedes-Benz	1350	.....	Compressor- Con Rods
02 MAN	1360	.....	Compressor - Crankshafts
03 Volvo/Volvo-Penta	1370	.....	Compressor - Con Rod Bearing
04 Deutz	1380	.....	Compressor - Pistons Only
05 Scania	1401	.....	Exhaust Manifold Bolts
06 DAF	1402	.....	Clips
07 Iveco	1810	Pressure Valves for Oil Pump
08 Renault Truck	1830	Oil Cooler Housings
09 Cummins	2030	Thermostat

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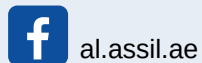
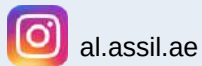
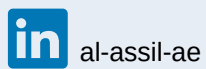


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