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Specifications may vary for the South African market.

Part Number: A0000000007

Engine Overhaul Repair Kit for Actros V6 & V8 Engines





Shown as an example

Repair kits for V6 and V8 engines

Whatever problem your engine has, Mercedes-Benz has the right repair kit at a fantastic price. Choose between 3 variants, assembled according to the most frequent repair requirements of truck engines.

The kits are available in the following variants:

Basic kit		Pistons with cylinder liners, filter elements, cylinder head covers, oil pump and various parts (gasket, sealing rings, screws etc.
Super kit	+	Cylinder heads with valves and constant throttle
Complete kit	+	Crankshaft with bearing shells

The new Mercedes-Benz remanufactured engine products offer major advantages for both customers and retail.

All parts from one source

- Reduction of ordering time and downtime
- Up to 40% cost savings compared with the purchase of individual parts
- Proven Mercedes-Benz quality and warranty

Product and quality

- The right product for each type of engine damage; kits for light damages, the blocks for bigger damages
- High quality of Mercedes-Benz Genuine Parts leads to a higher engine life time and less downtime
- Same warranty conditions, like for new parts, offer financial safety to our customers
- All parts harmonise perfectly (e.g. pistons and cylinder liners)
- Super kit: hardened and preassembled cylinder heads
- Complete kit: price advantage owing to inclusion of crankshaft bearing shells and big end bearing shells

Price and profit

- Significant price advantages (up to 40% off to individual parts purchase!)
- Win back customers with older trucks from independents

Availability and convenience

- Quick repair or supply of the parts right from the stock
- Simple ordering process by part number bundling (repair kits)
- All parts out of one hand save the effort of a time intensive parts research

New Truck Engine Repair Kits OM 501 - EURO2/3 V6 Engines

EURO2 D 541.920-925 EURO3 D 541.940-949



BASIC SUPER COMPLETE PART NO.

COMPONENT	A 541 010 35 00 80 (Old: A541 010 07 00 80)	A 541 010 36 00 80 (Old: A541 010 07 00 80)	A 541 010 37 00 80 (Old: A541 010 09 00 80/ A541 010 10 00 80)	PART NO.
Kit crankshaft			x	A 541 030 29 01 80
Piston with cylinder liner	x	x	x	A 541 030 30 37
Cylinder head gasket	x			A 541 016 11 20
Cylinder head gasket	x	x	x	A 541 016 13 20
Ts oil filter element	x	x	x	A 541 180 02 09
Ts fuel filter insert	x	x	x	A 541 090 01 51
Gasket exhaust manifolds	x	x	x	A 460 142 00 80
Gasket intake manifold	x	x	x	A 541 098 04 80
Cylinder head cover	x	x	x	A 457 010 09 30
Line unit pump to injection nozzle	x	x	x	A 541 070 21 33
Crankshaft sealing, front	x	x	x	A 014 997 46 47
Crankshaft oil retainer ring	x	x	x	A 442 031 00 27
Crankshaft sealing, rear	x	x	x	A 025 997 50 47
Crankshaft sealing, rear	x	x	x	A 013 997 14 47
Pressure relief valve	x	x	x	A 541 180 07 15
Oil pump	x	x	x	A 541 180 03 01 80
Cylinder head with valves and constant throttle		x	x	A 541 010 40 21 80
Bolt and parallel pin with flat point		x	x	A 541 055 03 74
Valve bridges		x	x	A 541 055 08 06
Hex screw with flange		x	x	A 541 990 03 04
Pressure pipe connection		x	x	A 906 017 05 24
Clamping piece		x	x	A 541 078 05 35
Screw cylinder head to crankcase	x	x	x	A 541 990 05 01
O-ring	x	x	x	A 023 997 65 48
O-ring	x	x	x	A 023 997 64 48

New Truck Engine Repair Kits OM 501 - EURO4/5 V6 Engines

EURO4 D 541.959/970-981 EURO5 D 541.990-999



BASIC SUPER COMPLETE PART NO.

COMPONENT	A 541 010 38 00 80	A 541 010 39 00 80	A 541 010 40 00 80	PART NO.
Kit crankshaft			x	A 541 030 28 01 80
Piston with cylinder liner	x	x	x	A 541 030 44 37
Cylinder head gasket	x	x	x	A 541 016 13 20
Ts oil filter element	x	x	x	A 541 180 02 09
Ts fuel filter insert	x	x	x	A 541 090 01 51
Gasket exhaust manifolds	x	x	x	A 460 142 00 80
Gasket intake manifold	x	x	x	A 541 098 04 80
Cylinder head cover	x	x	x	A 457 010 09 30
Line unit pump to injection nozzle	x	x	x	A 541 070 21 33
Crankshaft sealing, front	x	x	x	A 014 997 46 47
Crankshaft oil retainer ring	x	x	x	A 442 031 00 27
Crankshaft sealing, rear	x	x	x	A 025 997 50 47
Crankshaft sealing, rear	x	x	x	A 013 997 14 47
Pressure relief valve	x	x	x	A 541 180 10 15
Oil pump	x	x	x	A 542 180 04 01 80
Cylinder head with valves and constant throttle		x	x	A 541 010 48 21 80
Screw cylinder head to crankcase		x	x	A 541 990 05 01
O-ring		x	x	A 023 997 65 48
O-ring		x	x	A 023 997 64 48

New Truck Engine Repair Kits OM 502 - EURO2/3 V8 Engines

EURO2 D 542.920-923/925 EURO3 D 542.940-945/956-958/975



BASIC SUPER COMPLETE PART NO.

COMPONENT	A 542 010 02 00	A 542 010 03 00	A 542 010 04 00	
Kit crankshaft			x	A 542 030 21 01 80
Piston with cylinder liner	x	x	x	A 541 030 30 37
Cylinder head gasket	x			A 541 016 11 20
Cylinder head gasket	x	x	x	A 541 016 13 20
Ts oil filter element	x	x	x	A 541 180 02 09
Ts fuel filter insert	x	x	x	A 541 090 01 51
Gasket exhaust manifolds	x	x	x	A 460 142 00 80
Gasket intake manifold	x	x	x	A 541 098 04 80
Cylinder head cover	x	x	x	A 457 010 09 30
Line unit pump to injection nozzle	x	x	x	A 541 070 21 33
Crankshaft sealing, front	x	x	x	A 014 997 46 47
Crankshaft oil retainer ring	x	x	x	A 442 031 00 27
Crankshaft sealing, rear	x	x	x	A 025 997 50 47
Crankshaft sealing, rear	x	x	x	A 013 997 14 47
Pressure relief valve	x	x	x	A 541 180 10 15
Oil pump	x	x	x	A 542 180 04 01 80
Cylinder head with valves and constant throttle		x	x	A5410104021 80
Bolt and parallel pin with flat point		x	x	A5410550374
Valve bridges		x	x	A5410550806
Hex screw with flange		x	x	A5419900304
Pressure pipe connection		x	x	A9060170524
Clamping piece		x	x	A5410780535
Screw cylinder head to crankcase	x	x	x	A 541 990 05 01
O-ring	x	x	x	A 023 997 65 48
O-ring	x	x	x	A 023 997 64 48

New Truck Engine Repair Kits OM 502 - EURO4/5 V8 Engines

EURO4 D 542.960-966/968-969 EURO5 D 542.970-971



BASIC SUPER COMPLETE PART NO.

COMPONENT	A 542 010 05 00	A 542 010 06 00	A 542 010 07 00	
Kit crankshaft			x	A 542 030 20 01 80
Piston with cylinder liner	x	x	x	A 541 030 44 37
Cylinder head gasket	x	x	x	A 541 016 13 20
Ts oil filter element	x	x	x	A 541 180 02 09
Ts fuel filter insert	x	x	x	A 541 090 01 51
Gasket exhaust manifolds	x	x	x	A 460 142 00 80
Gasket intake manifold	x	x	x	A 541 098 04 80
Cylinder head cover	x	x	x	A 457 010 09 30
Line unit pump to injection nozzle	x	x	x	A 541 070 21 33
Crankshaft sealing, front	x	x	x	A 014 997 46 47
Crankshaft oil retainer ring	x	x	x	A 442 031 00 27
Crankshaft sealing, rear	x	x	x	A 025 997 50 47
Crankshaft sealing, rear	x	x	x	A 013 997 14 47
Pressure relief valve	x	x	x	A 541 180 10 15
Oil pump	x	x	x	A 542 180 04 01 80
Cylinder head with valves and constant throttle		x	x	A 541 010 48 21 80
Screw cylinder head to crankcase	x	x	x	A 541 990 05 01
O-ring	x	x	x	A 023 997 65 48
O-ring	x	x	x	A 023 997 64 48