

Gaskets and Gasket sets suitable for Mercedes-Benz | Detroit Diesel | MTU OM 471 | DD13 | 6R 1300 C (Gen. I & Gen. II)

The completely new OM 47x diesel engine family developed by Mercedes-Benz under the initially only internal designation HDEP consists of a total of four different engines. The new generation replaces the previous V-engines in the Mercedes-Benz Actros (OM 501 and OM 502) as well as the OM 457 and OM 460 LA in-line six-cylinder engines. All OM 47x engines are in-line six-cylinder engines, with the individual engines differing only in terms of cylinder bore and piston stroke. The transition from OM471 Gen. I to Gen. II engines was driven by the need to meet stringent emission standards, such as the European Euro VI and North American EPA 10 regulations. This evolution necessitated significant investments in advanced sealing technologies to ensure compliance and performance.

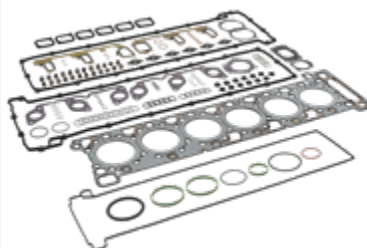
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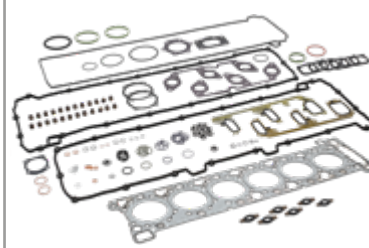
Catalog



004.361



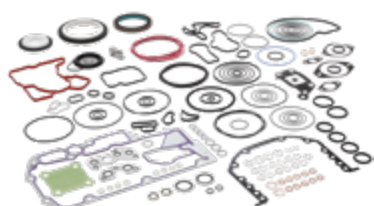
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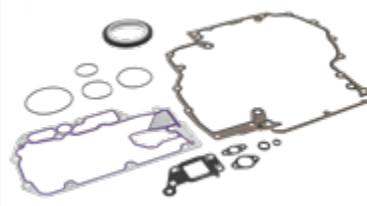
693.170



340.330
#470 090 05 79



911.610



771.340
#471 010 35 05



972.680



HDEP
Exploded view drawing Catalog

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Das Original

708.230 #472 010 60 62	840.871	841.360 #460 070 09 87	972.620
		Gen. I 	Gen. II
654.270 #470 053 01 58	854.330	380.061 #471 016 07 20 #471 016 03 20 Ø 133 mm +1,20 mm	601.800 #471 016 08 20 #471 016 12 20 Ø 137 mm +1,20 mm

#	Icon	Description	Part No.	Icon	Description	Part No.	Icon	Description	Part No.	Icon	Description	Part No.
603.480		Gasket, cylinder head cover	471 016 04 80		Gasket, oil sump	471 014 00 22		Gasket, oil cooler	658.410		Gasket, oil cooler	472 188 16 80
539.940		Gasket, cylinder head cover	471 016 01 21		Seal Ring	472 188 00 80		Seal Ring, cylinder liner	003.881		Seal Ring, cylinder liner	022 997 39 45
571.272		Gasket, cylinder head cover	471 016 02 21		Seal, oil pump	472 187 09 80		Seal Ring, cylinder liner	003.900		Seal Ring, cylinder liner	018 997 48 45
906.690		Gasket, intake manifold	472 098 00 80		Seal, oil pump	472 187 08 80		Seal Ring, cylinder liner	003.900		Seal Ring, cylinder liner	018 997 48 45
906.780		Gasket, exhaust manifold	471 142 01 80		Seal, oil pump	472 187 08 80		Gasket, timing case cover	906.670		Gasket, timing case cover	472 997 08 45
906.790		Gasket, exhaust manifold	471 142 02 80		Seal Ring, oil drain plug	000000 001085		Gasket, charger	906.820		Gasket, charger	471 096 03 80
906.760		Seal Ring, valve stem	470 053 01 58		Seal Ring	024 997 89 45		Gasket, oil outlet (charger)	527.090		Gasket, oil outlet (charger)	541 187 00 80
003.780		Gasket, timing case	471 015 01 80		Seal Ring	024 997 88 45		Seal Ring, oil outlet (charger)	003.730		Seal Ring, oil outlet (charger)	018 997 31 45
905.480		Shaft Seal, crankshaft	014 997 98 46		Seal, air compressor	023 997 71 45		Seal, charge air pipe	491.970		Seal, charge air pipe	025 997 43 48
003.770		Shaft Seal, crankshaft	015 997 49 46		Seal Ring	017 997 88 45		Gasket, intake manifold housing	656.330		Gasket, intake manifold housing	471 142 06 80
364.458		Gasket, housing cover (crankcase)	472 011 03 80		Seal Ring	017 997 87 45		Gasket, intake manifold housing	906.740		Gasket, intake manifold housing	472 098 01 80
002.920		Seal, injection pump	017 997 89 45		Seal Ring, nozzle holder	906 017 02 60		Seal Ring	445.270		Seal Ring	472 098 08 80
588.210		Gasket, fuel pump	000 091 08 60		Seal Ring	017 997 86 45		Seal Ring	906.700		Seal Ring	472 997 02 45
003.010		Seal Ring, fuel filter	017 997 74 45		Seal, fuel line	472 078 01 80		Gasket, throttle body	303.610		Gasket, throttle body	472 098 04 80
002.970		Seal Ring, fuel filter	017 997 94 45		Seal Ring	457 997 06 45		Seal Ring	804.980		Seal Ring	000000 001069
653.980		Seal Ring, fuel filter	026 997 71 45		Gasket, crankcase ventilation	472 018 01 80		Seal Ring	804.990		Seal Ring	000000 001070
339.530		Seal Ring, fuel filter	024 997 52 45		Seal	472 998 00 06		Cylinder Head Bolt Set	004.210		Cylinder Head Bolt Set	471 016 00 69
340.330		Seal, fuel filter	470 090 05 79		Gasket, crankcase ventilation	472 015 07 80		Gasket, EGR valve pipe	906.860		Gasket, EGR valve pipe	471 203 06 80
003.020		Seal Ring, fuel filter	017 997 93 45		Gasket, crankcase ventilation	472 018 07 80		Gasket, EGR valve pipe	906.870		Gasket, EGR valve pipe	471 203 07 80
339.590		Seal Ring (Universal)	021 997 33 45		Gasket, crankcase ventilation	472 015 08 80		Seal Ring	284.290		Seal Ring	000 995 82 02
004.010		Gasket, water pump	472 201 00 80		Gasket, timing case cover	472 015 02 80		Seal Ring	553.540		Seal Ring	002 995 15 02
004.030		Seal, thermostat	472 203 00 80		Seal	000 236 17 80		Pipe Connector, exhaust system	535.550		Pipe Connector, exhaust system	000 995 81 02
744.970		Seal, oil filter	014 997 87 45		Gasket, oil filter housing	472 184 19 80						
077.200		Gasket, oil sump	471 014 07 22		Gasket, oil filter housing	472 184 00 80						
567.350		Gasket, oil sump	471 014 04 22		Gasket, oil filter housing	472 188 15 80						