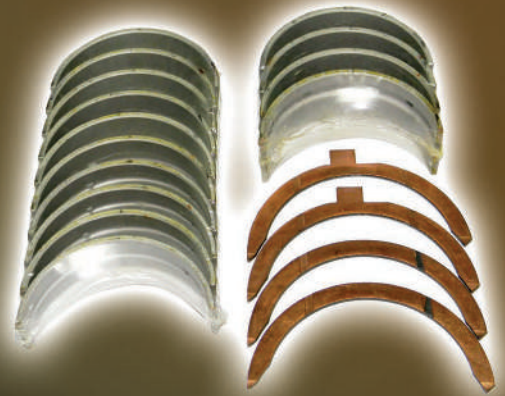
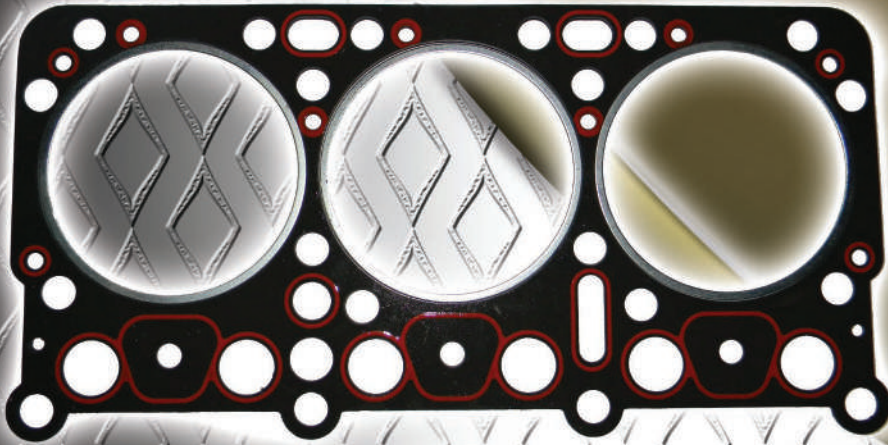


FORTPRO[®]
USA



Mack Engine





MACK ENGINE E-6 (2VH)



0001



0002



0003



0004



0005



0008



0006



0007





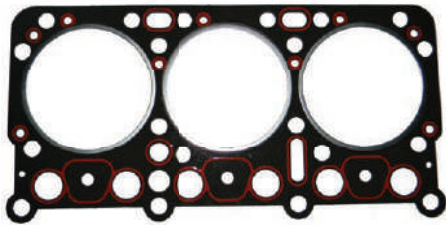
MACK ENGINE E-6 (2VH)

Picture	FortProUSA#	Reference	Description
0001	F010166	54GC19	COLLET Valve Lock
	F010167	54GC126	COLLET Valve Lock
0002	F010168	722GC226	ROTATOR
0003	F010164	575GC1100	SPRING Outer Valve
	F010165	575GC31	SPRING Inner Valve
0004	F010136	446GC279	OIL Seal Valve
0005	F010155	690GC2187B	VALVE Intake
	F010157	690GB2193	VALVE Intake
0005	F010152	688GC2352A	VALVE Exhaust
	F010153	688GC337A	VALVE Exhaust
0006	F010116	714GB1308P2	GUIDE Valve
0007	F010161-STD	13GC2237	SEAT Intake Valve STD
	F010161-015	13GC2237P15	SEAT Intake Valve 015
	F010161-031	13GC2237P31	SEAT Intake Valve 031
	F010161-047	13GC2237P47	SEAT Intake Valve 047
	F010161-062	13GC2237P62	SEAT Intake Valve 062
0007	F010160-STD	13GC2247P1	SEAT Exhaust Valve STD
	F010160-015	13GC2247P15	SEAT Exhaust Valve 015
	F010160-031	13GC2247P31	SEAT Exhaust Valve 031
	F010160-047	13GC2247P47	SEAT Exhaust Valve 047
	F010160-062	13GC2247P62	SEAT Exhaust Valve 062
0008	F010175	12GC129P1	Sleeve Injector





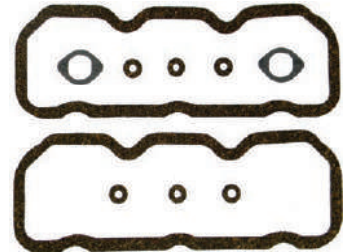
MACK ENGINE E-6 (2VH)



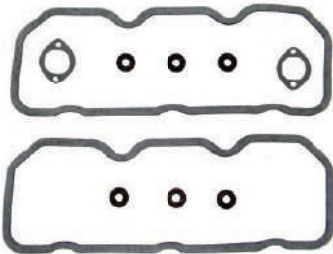
0009



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0021





MACK ENGINE E-6 (2VH)

Picture	FortProUSA#	Reference	Description
0009	F010001	57GC189A	CYLINDER Head Gasket
0010	F010002	126SB183A	UPPER Gasket Set
0011	F010013	N/A	GASKET Set Cover (Cork 2 Piece)
0012	F010014	N/A	GASKET Set Cover (Rubber 2 Piece)
0013	F010026	N/A	GASKET Intake Manifold(2 Pieces)
0014	F010018	N/A	SET Manifold Exhaust (6 Piece)
0015	F010019	N/A	SET Manifold Exhaust Steel Bead(6 Piece)
0016	F010022	SCH 318417	KIT Turbo Mounting
0017	F010101	353GC2139	RING Set
	F010102	353GC280B	RING Set (Long Life)
0018	F010110K	57GC283A	KIT Piston
0020	F010115	97AX124	PIN Retainer
0019	F010114	182GB1356P3	PIN Piston
0021	F010120-STD	509GC284AP1	Sleeve Cylinder STD
	F010120-002	509GC284AP02	Sleeve Cylinder 002
	F010120-004	509GC284AP04	Sleeve Cylinder 004
	F010120-006	509GC284AP06	Sleeve Cylinder 006
	F010120-008	509GC284AP08	Sleeve Cylinder 008
	F010120-010	509GC294AP10	Sleeve Cylinder 010
	F010120-012	509GC284AP12	Sleeve Cylinder 012
	F010120-015	509GC284AP15	Sleeve Cylinder 015
	F010120-020	509GC284AP20	Sleeve Cylinder 020
	F010120-030	509GC284AP30	Sleeve Cylinder 030

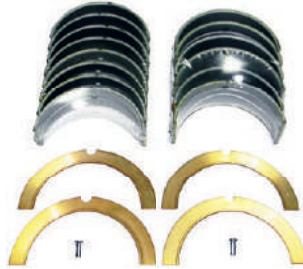




MACK ENGINE E-6 (2VH)



0022



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0034





MACK ENGINE E-6 (2VH)

Picture	FortProUSA#	Reference	Description
0022	F010301(*)	57GC376	CYLINDER Kit
		57GC283A	Includes 1 F010110K Kit Piston
		509GC284AP1	1 F010120 Sleeve Cylinder
		352GC280B	1 F010102 Ring Set
0023	F010130-STD	215SB72DP1	KIT Main Bearing STD
	F010130-010	215SB72DP2	KIT Main Bearing 010
	F010130-020	215SB72DP3	KIT Main Bearing 020
	F010130-030	215SB72DP4	KIT Main Bearing 030
0024	F010128-STD	57GC279	KIT Thrust Washer STD
	F010128-002	714GC216P2	KIT Thrust Washer 002
0025	F010127-STD	57GC2110	KIT Washer
0026	F010131-STD	62GB2382	BEARING Connecting STD
	F010131-010	62GB2382P10	BEARING Connecting 010
	F010131-020	62GB2382P20	BEARING Connecting 020
	F010131-030	62GB2382P30	BEARING Connecting 030
0027	F010132-STD	62GB2393P1	BEARING Connecting STD
	F010132-010	62GB2393P10	BEARING Connecting 010
	F010132-020	62GB2393P20	BEARING Connecting 020
	F010132-030	62GB2393P30	BEARING Connecting 030
0028	F010150	187GB138	BUSHING Rod
0029	F010140	57GC266	KIT Cam Bearing (2 VH)
0030	F010142	57GC268	KIT Cam Bearing (2-4 VH)
0031	F010141	57GC267	KIT Auxiliary Bearing
0032	F010198	61GB14C	BEARING Front Auxiliary
0033	F010098	115GC216	OIL Cooling
0034	F010237	315GC445G	OIL Pump





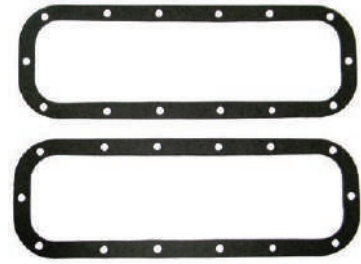
MACK ENGINE E-6 (2VH)



0035



0010



0036



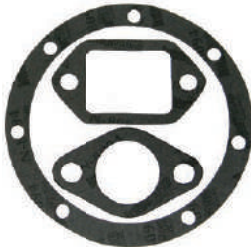
0037



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0044





MACK ENGINE E-6 (2VH)

Picture	FortProUSA#	Reference	Description
0035	F010037	316GC1184	WATER Pump (Long Shaft)
	F010038	316GC1211A	WATER Pump (Long Shaft) (Stamped Impeller)
0010	F010003	126SB184A	LOWER Gasket Set
0036	F010024	601GC31D	GASKET Lifter Cover (2 Piece)
0037	F010033	548GB41D	GASKET Timing Cover
0038	F010030	590GB1298	GASKET Oil Relief Valve
0080	F010032	590GB190D	GASKET Injection Pump
0039	F010023	57GC182	SET Gasket Water Pump
0040	F010025	N/A	KIT Oil Cooler (Gasket & O-Ring)
0041	F010016	579GB41C	GASKET Oil Pan
0042	F010045	446GC316	OIL Seal Front Neoprene NAT 415563
	F010046	446GC181	OIL Seal Front Neoprene NAT 415018
0043	F010047	446GC238B	OIL Seal Rear Neoprene NAT 2297V
0044	F010048	57GC186A	KIT Oil Seal Rear Crankshaft Neop. NAT 5645





MACK ENGINE E-6 (2VH)





MACK ENGINE E-6 (2VH)

Picture	FortProUSA#	Reference	Description
0045	F010310(*)		OVERHAUL Kit
		57GC376	Includes 6 F010301(*) Cylinder Kit
		215SB72DP(*)	1 F010130(*) Kit Main Bearing
		62GB2382(*)	6 F010131(*) Bearing Connecting
		57GC189A	2 F010001 / Head Gasket
		126SB183A	1 F010002 / Upper Gasket Set
		126SB184A	1 F010003 / Lower Gasket Set
0046	F010320(*)		OVERHAUL Kit Full
		57GC376	Includes 6 F010301(*) Cylinder Kit
		215SB72DP(*)	1 F010130(*) Kit Main Bearing
		62GB2382(*)	6 F010131(*) Bearing Connecting
		57GC266	1 F010140 / Kit Cam. Bearing
		57GC267	1 F010141 / Kit Auxiliary Bearing
		187GB138	6 F010150 / Bushing Rod
		714G1308P2	12 F010116 / Guide Valve
		446GC279	12 F010136 / Seal Oil Valve
		57GC189A	2 F010001 / Head Gasket
		126SB183A	1 F010002 / Upper Gasket Set
		126SB184A	1 F010003 / Lower Gasket Set





MACK ENGINE E-6 (4 VH)



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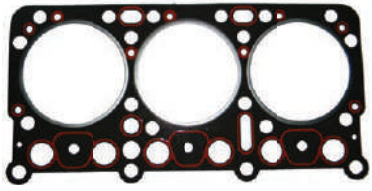
MACK ENGINE E-6 (4 VH)

Picture	FortProUSA#	Reference	Description
0001	F010277	54GC25	LOCK Valve
0047	F010278	722GC321	RETAINER Valve
0048	F010281	575GC213	SPRING Valve
0049	F010284	722GC235	ROTATOR Valve
0050	F010137	446GC328	OIL Seal Valve 3/8in
	F010139	446GC138B	OIL Seal Valve 7/16in
0005	F010158	690GC2210	VALVE Intake
	F010154	688GC2378	VALVE Exhaust
0051	F010117	714GB26P2	GUIDE Valve 7/16
	F010118	714GB222P2	GUIDE Valve 3/8
0007	F010162-STD	13GC2251P1	SEAT Intake STD
	F010162-015	13GC2251P15	SEAT Intake 015
	F010162-031	13GC2251P31	SEAT Intake 031
	F010162-047	13GC2251P47	SEAT Intake 047
	F010162-062	13GC2251P62	SEAT Intake 062
0007	F010163-STD	13GC2264P1	SEAT Exhaust STD
	F010163-015	13GC2264P15	SEAT Exhaust 015
	F010163-031	13GC2264P31	SEAT Exhaust 031
	F010163-047	13GC2264P47	SEAT Exhaust 047
	F010163-062	13GC2264P62	SEAT Exhaust 062
0053	F010180	12GC212A	Sleeve Inyector
	F010180-020	12GC212AP20	Sleeve Inyector (+ .20in)





MACK ENGINE E-6 (4 VH)



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0020



0021





MACK ENGINE E-6 (4 VH)

Picture	FortProUSA#	Reference	Description
0009	F010001	57GC189A	Cylinder Head Gasket
0010	F010005	126SB187	UPPER Gasket Set
0054	F010015	554GB115	GASKET Valve Cover (Silicone)
0013	F010026	N/A	GASKET Intake Manifold (2 Piece)
0014	F010018	126SB147	SET Manifold Exhaust (6 Piece)
0015	F010019	N/A	SET Manifold Exhaust Steel Bead (6 Piece)
0016	F010022	SCH 318417	KIT Turbo Gasket
0017	F010101	353GC2139	RING Set
	F010102	353GC280B	RING Set (Long Life)
0018	F010111K	215SB228	KIT Piston
0019	F010114	182GB1356P3	PIN Piston
0020	F010115	97AX124	PIN Retainer
0021	F010120-STD	509GC284AP1	Sleeve Cylinder STD
	F010120-002	509GC284AP2	Sleeve Cylinder 002
	F010120-004	509GC284AP4	Sleeve Cylinder 004
	F010120-006	509GC284AP6	Sleeve Cylinder 006
	F010120-008	509GC284AP8	Sleeve Cylinder 008
	F010120-010	509GC284AP10	Sleeve Cylinder 010
	F010120-012	509GC284AP12	Sleeve Cylinder 012
	F010120-015	509GC284AP15	Sleeve Cylinder 015
	F010120-020	509GC284AP20	Sleeve Cylinder 020
	F010120-030	509GC284AP30	Sleeve Cylinder 030





MACK ENGINE E-6 (4 VH)



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MACK ENGINE E-6 (4 VH)

Picture	FortProUSA#	Reference	Description
0022	F010302-(*)		CYLINDER KIT (STD)
		215SB228	Includes: 1 F010111K Kit Piston
		509GC284AP1	1 F010120 Sleeve Cylinder
		353GC280B	1 F010102 Ring Set
0023	F010130-STD	215SB72DP1	KIT Main Bearing STD
	F010130-010	215SB72DP2	KIT Main Bearing 010
	F010130-020	215SB72DP3	KIT Main Bearing 020
	F010130-030	215SB72DP4	KIT Main Bearing 030
0024	F010128-STD	57GC279	KIT Thrust Washer STD
	F010128-002	714GC216P2	KIT Thrust Washer 002
0025	F010127-STD	57GC2110	KIT Thrust Washer STD
0026	F010131-STD	62GB2382	BEARING Connecting STD
	F010131-010	62GB2382P10	BEARING Connecting 010
	F010131-020	62GB2382P20	BEARING Connecting 020
	F010131-030	62GB2382P30	BEARING Connecting 030
0027	F010132-STD	62GB2393P1	BEARING Connecting STD
	F010132-010	62GB2393P10	BEARING Connecting 010
	F010132-020	62GB2393P20	BEARING Connecting 020
	F010132-030	62GB2393P30	BEARING Connecting 030
0028	F010150	187GB138	BUSHING Rod
0030	F010142	57GC268	KIT Cam Bearing
0031	F010141	57GC267	KIT Auxiliary Bearing
0055	F010149	57GC2128	KIT Auxiliary Bearing
0032	F010198	61GB14C	BEARING Front Auxiliary
0056	F010099	115GC310	OIL Cooling
0033	F010098	115GC216	OIL Cooling
0034	F010237	315GC445G	OIL Pump





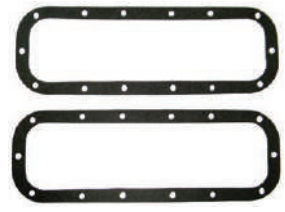
MACK ENGINE E-6 (4 VH)



0035



0010



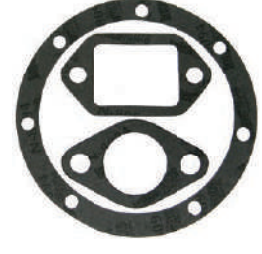
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0037



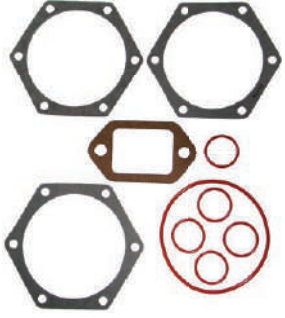
0038



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MACK ENGINE E-6 (4 VH)

Picture	FortProUSA#	Reference	Description
0035	F010037	316GC1184	WATER Pump Long Shaft
	F010038	316GC1211A	WATER Pump Long Shaft
	F010036	316GC1219A	WATER Pump Short Shaft
0010	F010006	126SB188	LOWER Gasket Set
0036	F010024	601GC31D	GASKET Lifter Cover (2 Piece)
0037	F010033	548GB41D	GASKET Timing Cover
0038	F010030	590GB1298	GASKET RELIEF Valve
0039	F010023	57GC182	KIT Gasket Water Pump
0080	F010032	590GB190D	GASKET Injection Pump
0040	F010025	N/A	KIT Oil Cooler (Gasket & O-Ring)
0041	F010016	579GB41C	GASKET Oil Pan
0042	F010045	446GC316	OIL Seal Front Neoprene - NAT 415563
0043	F010047	446GC2388	OIL Seal Rear Crankshaft Neop. - NAT 2297V
0044	F010048	57GC186A	KIT Oil Seal Rear Crankshaft Neop.NAT 5645





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MACK ENGINE E-6 (4 VH)



0045



0046

412



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MACK ENGINE E-6 (4 VH)

Picture	FortProUSA#	Reference	Description
0045	F010330(*)		OVERHAUL Kit
			Includes 6 F010302(*) Cylinder Kit
		215SB72DP(*)	1 F010130(*) Main Bearing
		62GB2393P(*)	6 F010132(*) Bearing Connecting
		57GC189A	2 F010001 Head Gasket
		126SB187	1 F010005 Upper Gasket
		126SB188	1 F010006 Lower Gasket
0046	F010340(*)		OVERHAUL Kit Full
			Includes 6 F010302(*) Cylinder Kit
		215SB72DP(*)	1 F010130(*) Main Bearing
		62GB2393P(*)	6 F010132(*) Bearing Connecting
		57GC268	1 F010142 Kit Cam Bearing
		57GC2128	1 F010149 Kit Auxiliry Bearing
		187GB138	6 F010150 Bushing Rod
		714GB222P2	24 F010118 Guide 3/8"
		446GC328	24 F010137 Seal Oil Valve 3/8in
		57GC189	2 F010001 Head Gasket
		126SB187	1 F010005 Upper Gasket
		126SB188	1 F010006 Lower Gasket





MACK ENGINE (E-7 PLN)



0001



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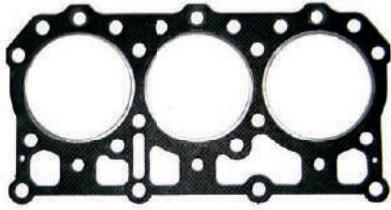
MACK ENGINE (E-7 PLN)

Picture	FortProUSA#	Reference	Description
0001	F010277	54GC25	COLLET Lock Valve
0047	F010278	722GC321	RETAINER Valve
0048	F010281	575GC213	SPRING Valve
0049	F010282	722GC313A	ROTATOR Valve
0050	F010137	446GC328	SEAL Valve
0005	F010158	690GC2210	VALVE Intake
	F010154	688GC2378	VALVE Exhaust
0052	F010118	714GC222P2	GUIDE Valve
0007	F010162-STD	13GC2251P1	SEAT Intake STD
	F010162-015	13GC2251P15	SEAT Intake 015
	F010162-031	13GC2251P31	SEAT Intake 031
	F010162-047	13GC2251P47	SEAT Intake 047
	F010162-062	13GC2251P62	SEAT Intake 062
0007	F010163-STD	13GC2264P1	SEAT Exhaust STD
	F010163-015	13GC2264P15	SEAT Exhaust 015
	F010163-031	13GC2264P31	SEAT Exhaust 031
	F010163-047	12GC2264P47	SEAT Exhaust 047
	F010163-062	13GC2264P62	SEAT Exhaust 062
0053	F010180	12GC212A	Sleeve Injector
	F010180-020	12GC212AP20	Sleeve Injector (.20in Oversize)





MACK ENGINE (E-7 PLN)



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0062





MACK ENGINE (E-7 PLN)

Picture	FortProUSA#	Reference	Description
0057	F010008	57GC2115A	CYLINDER Head Gasket
	F010009	57GC2155	CYLINDER Head Gasket (Stepped Ring)
0010	F010011	57GC2118	UPPER Gasket Set
0054	F010015	554GB115	Gasket Valve Cover (Silicone)
0013	F010026	N/A	SET Gasket Intake Manifold (2 Piece)
0014	F010018	N/A	SET Gasket Manifold Exhaust (6 Piece)
0015	F010019	N/A	SET Gasket Manifold Exhaust Steel Bead (6 Piece)
0016	F010022	SCH 318417	KIT Turbo Gasket
0058	F010103	353GC2137	RING Set
	F010104	353GC2142	RING Set
0059	F010112K	353GC231A	KIT Piston
	F010113K	353GC232A	KIT Piston
0060	F010205	182GB2223	PIN Piston
0061	F010206	97AX127	PIN Retainer
0062	F010121	509GC463	Sleeve Cylinder
	F010122	509GC450	Sleeve Cylinder
	F010123	509GC465	Sleeve Cylinder
0083	F010020	4559-13411	Gasket Jake Brake

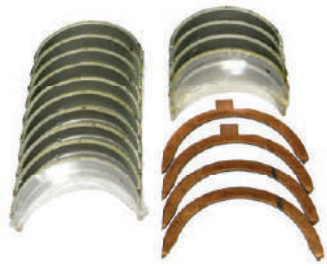




MACK ENGINE (E-7 PLN)



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0066



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0034





MACK ENGINE (E-7 PLN)

Picture	FortProUSA#	Reference	Description
0063	F010303		CYLINDER Kit
		353GC231A	Includes 1 F010112K Kit Piston
		509GC463	1 F010121 Sleeve Cylinder
		353GC2142	1 F010103 Ring Set
0063	F010304		CYLINDER Kit
		353GC232A	Includes 1 F010113K Kit Piston
		509GC463	1 F010121 Sleeve Cylin.
		353GC2142	1 F010103 Ring Set
0064	F010133-STD	57GC387	KIT Main Bearing STD
	F010133-010	57GC387P10	KIT Main Bearing 010
	F010133-020	57GC387P20	KIT Main Bearing 020
	F010133-030	57GC387P30	KIT Main Bearing 030
0065	F010147-STD	57GC2144	KIT Thrust Washer STD
	F010147-002	57GC2144P2	KIT Thrust Washer +002
0066	F010134-STD	62GB2396A	BEARING Connecting(STD)
	F010134-010	62GB2396P10	BEARING Connecting 010
	F010134-020	62GB2396P20	BEARING Connecting 020
	F010134-030	62GB2396P30	BEARING Connecting 030
0067	F010151	187GB29	BUSHING Rod
0068	F010144	57GC2129	KIT Cam Bearing
0055	F010143	57GC2128	KIT Auxiliary Bearing
0056	F010099	115GC310	OIL Cooling Piston (2 Piece Piston)
0034	F010238	353GC459BM3	OIL Pump (PNL)



MACK ENGINE (E-7 PLN)



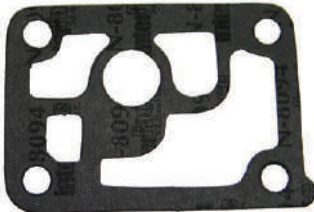
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0010



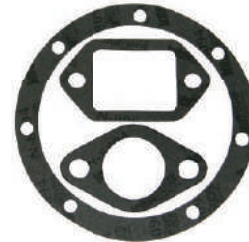
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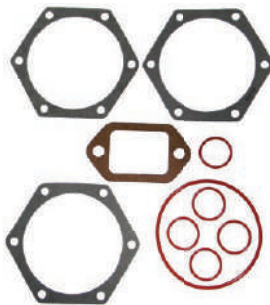
0038



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MACK ENGINE (E-7 PLN)

Picture	FortProUSA#	Reference	Description
0035	F010039	316GC284A	316GC548AM WATER Pump
	F010040	316GC285B	WATER Pump
0010	F010012	57GC2119	LOWER Gasket Set
0038	F010031	590GB2136	GASKET Relief Valve
0039	F010023	57GC182	KIT Gasket Water Pump
0080	F010032	590GB190D	GASKET Inyection Pump
0040	F010025	N/A	KIT Oil Cooler (Gasket & O-Ring)
0041	F010016	579GB41C	GASKET Oil Pan
0069	F010027	579GB422	GASKET Oil Pan (Rubber)
0070	F010028	41GC212	INSOLATOR
0042	F010045	446GC316	SEAL Front Neoprene - NAT 415563
	F010049	446GC310P2	SEAL Front Teflon - NAT 5609
0043	F010047	446GC2388	SEAL Rear Crankshaft Neoprene - NAT 2297V
0044	F010048	57GC186A	KIT Seal Rear Crankshaft Neoprene - NAT 5645





MACK ENGINE (E-7 PLN)



0071



0072





MACK ENGINE (E-7 PLN)

Picture	FortProUSA#	Reference	Description
0071	F010350 (*)	215SB200E	OVERHAUL Kit
			Includes 6 F010303 Cylinder Kit
		57GC387	1 F010133(*) Kit Main Bearing
		62GB2396A	6 F010134(*) Bearing Conn
		57GC2115A	2 F010008 Head Gasket
		126SB2118A	1 F010011 Upper Gasket Set
		126SB2119	1 F010012 Lower Gasket Set
0072	F010355 (*)		OVERHAUL Kit Full
			Includes 6 F010303 Cylinder Kit
		57GC387	1 F010133(*) Kit Main Bearing
		62GB2396A	6 F010134(*) Bearing Conn.
		57GC2129	1 F010144 Kit Cam.Bearing
		57GC2128	1 F010143 Kit Aux.Bearing
		187GB29	6 F010151 Bushing Rod
		714GB222P2	24 F010118 Guide Valve 3/8
		446GC328	24 F010137 Seal Valve 3/8in
		57GC2115A	2 F010008 Head Gasket
		126SB2118A	1 F010011 Upper Gasket Set
		126SB2119	1 F010012 Lower Gasket Set





MACK ENGINE (E-TECH)



0001



0047



0073



0049



0074



0005



0007



0075



0076



0015



0013



0014



0016



0054



0010





MACK ENGINE (E-TECH)

Picture	FortProUSA#	Reference	Description
0001	F010277	54GC25	Valve Lock
0047	F010278	722GC321	RETAINER Valve
0073	F010279	575GC1115	SPRING Inner Valve
	F010280	575GC36	SPRING Valve
0049	F010282	722GC313A	ROTATOR
0074	F010138	446GC332	OIL Seal Valve
0005	F010159	690GC410	VALVE Intake
0005	F010156	688GC344	VALVE Exhaust
	F010119	714GB3113P2	GUIDE Valve
0007	F010178-STD	13GC316	SEAT Intake STD
	F010178-015	13GC316P15	SEAT Intake 015
	F010179-STD	13GC317	SEAT Exhaust STD
	F010179-015	13GC317P15	SEAT Exhaust 015
0075	F010181	12GC411	Sleeve Injector
0076	F010010	57GC2176A	CYLINDER Head Gasket
0010	F010034	57GC2178A	UPPER Gasket Set
0054	F010015	554GB115	SET Gasket Valve Cover(Silicone) (2 Piece)
0013	F010026	N/A	SET Gasket Intake Manifold (2 Piece)
0014	F010018	N/A	SET Gasket Manifold Exhaust (6 Piece)
0015	F010019	N/A	SET Gasket Manifold Exhaust Steel B.(6 Piece)
0016	F010022	SCH 318417	KIT Turbo Gasket





MACK ENGINE (E-TECH)



0058



0059



0060



0061



0062



0063



0064



0065



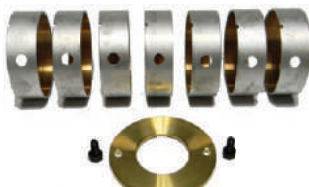
0055



0066



0067



0077



0056



0034





MACK ENGINE (E-TECH)

Picture	FortProUSA#	Reference	Description
0058	F010103	353GC2137	RING Set
	F010104	353GC2142	RING Set
0059	F010112K	353GC231A	KIT Piston
	F010113K	353GC232A	KIT Piston
0060	F010205	182GB2223	PIN Piston
0061	F010206	97AX127	PIN Retainer
0062	F010121	509GC463	Sleeve Cylinder
	F010122	509GC450	Sleeve Cylinder
	F010123	509GC465	Sleeve Cylinder
0063	F010303	215SB219E	CYLINDER Kit
		353GC231A	Includes 1 F010112K Kit Piston
		509GC463	1 F010121 Sleeve Cylin.
		353GC2142	1 F010103 Ring Set
0064	F010133-STD	57GC387	KIT Main Bearing STD
	F010133-010	57GC387P10	KIT Main Bearing 010
	F010133-020	57GC387P20	KIT Main Bearing 020
	F010133-030	57GC387P30	KIT Main Bearing 030
0065	F010147-STD	57GC2144	KIT Thrust Washer STD
	F010147-002	57GC2144P2	KIT Thrust Washer +002
0066	F010134-STD	62GB2396A	Bearing Connecting STD
	F010134-010	62GB2396P10	Bearing Connecting 010
	F010134-020	62GB2396P20	Bearing Connecting 020
	F010134-030	62GB2396P30	Bearing Connecting 030
0067	F010151	187GB29	BUSHING Rod
0077	F010219	N/A	KIT Cam Bearing (7 Bushing)
0056	F010099	115GC310	OIL Cooling Piston
0034	F010239	315GC466M	OIL Pump E-TECH
0055	F010143	57GC2128	KIT Auxiliary Bearing





MACK ENGINE (E-TECH)



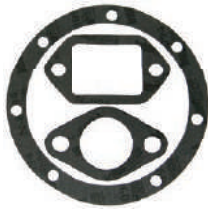
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0010



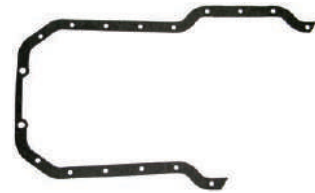
0080



0039



0040



0041



0069



0070



0081



0043



0044



0042





MACK ENGINE (E-TECH)

Picture	FortProUSA#	Reference	Description
0035	F010039	316GC284A	316GC548AM WATER Pump
	F010040	316GC285B	WATER Pump
0010	F010035	126SB191	LOWER Gasket Set
0081	F010031	590GB2136	GASKET Relief Valve
0039	F010023	57GC182	KIT Gasket Water Pump
0080	F010032	590GB190D	GASKET Injection Pump
0040	F010025	N/A	KIT Oil Cooler (Gasket & O-Ring)
0041	F010016	579GB41C	GASKET Oil Pan
0069	F010027	579GB422	GASKET Oil Pan (Rubber)
0070	F010028	41GC212	INSULATOR
0042	F010045	446GC316	OIL Seal Front Neoprene NAT-415563
0042	F010049	446GC310P2	OIL Seal Front Teflon / NAT-5609
0043	F010047	446GC2388	OIL Seal Rear Crankshaft Neoprene NAT-2297V
0044	F010048	57GC186A	KIT Oil Seal Rear Crankshaft Neopre. NAT-5645





MACK ENGINE (E-TECH)



0078



0079





MACK ENGINE (E-TECH)

Picture	FortProUSA#	Reference	Description
0078	F010360 (*)	215SB200E	OVERHAUL Kit
			Includes 6 F010303 Cylinder Kit
		57GC387	1 F010133-(*) Kit Main Bearing
		62GB2396A	6 F010134-(*) Bearing Conn.
		57GC2176A	2 F010010 Head Gasket
		57GC2178A	1 F010034 Upper Gasket Set
		126SB191	1 F010035 Lower Gasket Set
0079	F010365 (*)		OVERHAUL Kit Full
			Includes 6 F010303 Cylinder Kit
		57GC387	1 F010133-(*) Kit Main Bearing
		62GB2396A	6 F010134-(*) Bearing Conn.
		57GC2128	F010143 Kit Auxiliary Bearing
		N/A	1 F010219 Kit Cam.Bearing
		187GB29	6 F010151 Bushing Rod
		714GB3113P2	24 F010119 Guide Valve 3/8
		446GC332	24 F010138 Seal Valve 3/8in
		57GC2176A	2 F010010 Head Gasket
		57GC2178A	1 F010034 Upper Gasket Set
		126SB2191	1 F010035 Lower Gasket Set





MACK ENGINE MP7 & MP8



0001



0005



0052



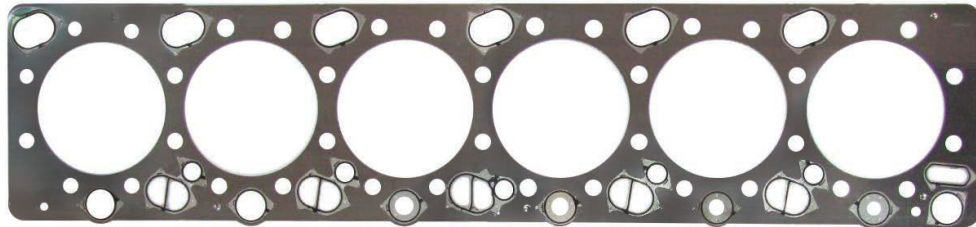
0050



0047



0007



0084



0085



0086



0087





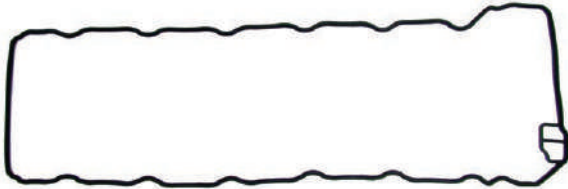
MACK ENGINE MP7 & MP8

Picture	FortProUSA#	Reference	Description
0001	F012051	20510747	Lock Valve
0005	F012052	20740798	Intake Valve
0005	F012053	20768519	Exhaust Valve
0050	F012054	20864662	Valve Seal
0052	F012056	20905400	Valve Guide MP-7
0052	F012055	20904074	Valve Guide MP-8
0047	F012057	20510743	Valve Retainer
0007	F012058-STD	20740804	Valve Seat Intake (STD)
0007	F012059-STD	20530103	Valve Seat Exhaust (STD)
0084	F012038	20495935	Cylinder Head Gasket MP-7
0084	F012060	21313537/20513037 20530103	Cylinder Head Gasket MP-8
0085	F012039	20850506	Intake Manifold Gasket MP-7
0085	F012061	20805850/20506144	Intake Manifold Gasket MP-8
0086	F012040	21482601	Exhaust Manifold Gasket MP-7
0086	F012062	20543071/21394765	Exhaust Manifold Gasket MP-8
0087	F012041	20781146	Turbo Gasket MP-7
0087	F012063	2137579/21134873	Turbo Gasket MP-8





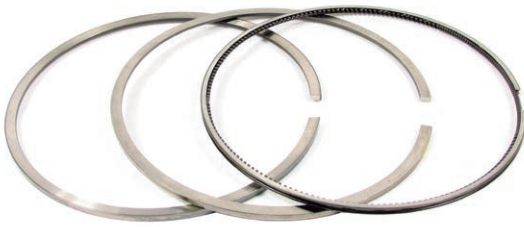
MACK ENGINE MP7 & MP8



0088



6523



6348



6345



6360



6366



6351





MACK ENGINE MP7 & MP8

Picture	FortProUSA#	Reference	Description
0088	F012047	20804638	Valve Cover Gasket MP-7
0088	F012064	20538793	Valve Cover Gasket MP-8
6523	F012042	21533184	Upper Gasket Set MP-7
6523	F012065	21409435	Upper Gasket Seat MP-8
6348	F010105	20856715	Ring Set MP-7
6348	F010106	20747511	Ring Set MP-8
6345	F012043	20856715	Piston MP-7
6351	F012044	N/A	Kit Piston MP-7
		20856715	Include: 1 F012043 Piston
		20479554	1 F012045 Pin Piston
		3161087	2 F012046 Ring Retaining
6366	F012045	20479554	Pin Piston MP-7
6360	F012046	3161087	Ring Retaining MP-7
6345	F012068	21105177	Piston MP-8
6345	F012069	21041800	Piston MP-8
6351	F012070	N/A	Kit Piston MP-8
		21105177	Include: 1 F012068 Piston
		20569833	1 F012066 Pin Piston
		914531	2 F012067 Ring Retaining





MACK ENGINE MP7 & MP8



6351



6366



6360



6344



6350



6356





MACK ENGINE MP7 & MP8

Picture	FortProUSA#	Reference	Description
6351	F012071	N/A	Kit Piston MP-8
		21041800	Include: 1 F012069 Piston
		20569833	1 F012066 Pin Piston
		914531	2 F012067 Ring Retaining
6366	F012066	20569833	Pin Piston MP-8
6360	F012067	914531	Ring Retaining MP-8
6344	F012048	20829662	Sleeve Cylinder MP-7
6350	F012049	85103699	Kit,Seal Liner (MP-7)
6344	F012074	20760235	Sleeve Cylinder MP-8
6350	F012075	270950	Kit,Seal Liner (MP-8)
6356	F012080	21367720	Cylinder Kit (MP-7)
		N/A	Include: 1 F012044 Kit Piston
		20856715	1 F010105 Ring Set
		20829662	1 F012048 Sleeve Cylinder
		85103699	1 F0120349 Kit Seal Liner
6356	F012083	20928630	Cylinder Kit (MP-8)
		N/A	Include: 1 F012070 Kit Piston
		20747511	1 F010106 Ring Set
		20760235	1 F012074 Sleeve Cylinder
		270950	1 F012075 Kit Seal Liner
6356	F012084	21209650	Cylinder Kit (MP-8)
		N/A	Include: 1 F012071 Kit Piston
		20747511	1 F010106 Ring Set
		20760235	1 F012074 Sleeve Cylinder
		270950	1 F012075 Kit Seal Liner





MACK ENGINE MP7 & MP8



6752



6754





MACK ENGINE MP7 & MP8

Picture	FortProUSA#	Reference	Description
6754	F012111	20867178	Bearing Main (MP-7 (STD)
	F012112	20867751	Bearing Main (MP-7 (.25)
	F012113	20867757	Bearing Main (MP-7 (.50)
	F012114	85103710	Bearing Main (MP-7 (.75)
	F012115	20867761	Bearing Main (MP-7 (1.00)
	F012116	85103712	Bearing Main (MP-7 (1.25)
6752	F012117	N/A	Kit Main Bearing(MP-7 (STD)
		20867178	Include: 7 F012111 Main Bearing (STD)
		21267844	1 F012025 Kit Thust Washer
6752	F012118	N/A	Kit Main Bearing(MP-7 (.25)
		20867751	Include: 7 F012112 Main Bearing (.25)
		21267844	1 F012025 Kit Thrust Washer
6752	F012009	N/A	Kit Main Bearing(MP-7 - .50)
		20867757	Include: 7 F012113 Main Bearing (.50)
		21267844	1 F012025 Kit Thust Washer
6752	F012010	N/A	Kit Main Bearing(MP-7 (.75)
		85103710	Include: 7 F012114 Main Bearing (.75)
		21267844	1 F012025 Kit Thrust Washer
6752	F012011	N/A	Kit Main Bearing(MP-7 (1.00)
		20867761	Include: 7 F012115 Main Bearing (1.00)
		21267844	1 F012025 Kit Main Bearing
6752	F012012	N/A	Kit main Bearing(MP-7 (1.25)
		85103712	Include: 7 F012116 Main Bearing (1.25)
		21267844	1 F012025 Kit Thrust Washer
		914531	2 F012067 Ring Retaining





MACK ENGINE MP7 & MP8



6752



6754



6768





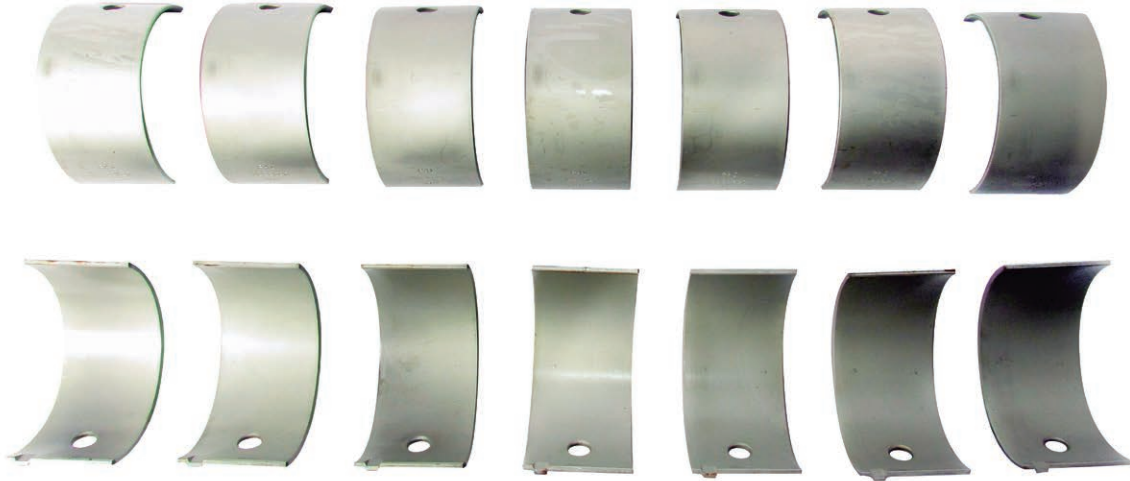
MACK ENGINE MP7 & MP8

Picture	FortProUSA#	Reference	Description
6754	F012013	2053916	Bearing Main (MP-8 - STD)
	F012014	20578624	Bearing Main (MP-8 - .25)
	F012015	20578625	Bearing Main (MP-8 - .50)
	F012016	20568626	Bearing Main (MP-8 - .75)
	F012017	20578627	Bearing Main (MP-8 - 1.00)
	F012018	20578628	Bearing Main (MP-8 - 1.25)
6752	F012019	N/A	Kit Main Bearing MP-8 - STD)
		20530916	Include: 7 F012013 Main Bearing
			1 F012025 Kit Thrust Washer
6752	F012020	N/A	Kit Main Bearing MP-8 (.25)
		20578624	Include: 7 F012014 Main Bearing (.25)
			1 F012025 Kit Thrust Washer
6752	F012021	N/A	Kit Main Bearing MP-8 (.50)
		20578625	Include: 7 F012015 Main Bearing (.50)
		21267844	1 F012025 Kit Thrus Washer
6752	F012022	N/A	Kit Main Bearing MP-8 (.75)
		20578626	Include: 7 F012016 Main Bearing (.75)
		21267844	1 F012025 Kit Thrust Washer
6752	F012023	N/A	Kit Main Bearing MP-8 (1.00)
		20578627	Include: 7 F012017 Main Bearing (1.00)
		21267844	1 F012025 Kit Thrust Washer
6752	F012024	N/A	Kit Main Bearing MP-8 (1.25)
		20568628	Include: 7 F012018 Main Bearing (1.25)
		21267844	1 F012025 Kit Thrust Washer
6768	F012025	21207844	Kit Thrust Washer (MP-7 / MP-8)





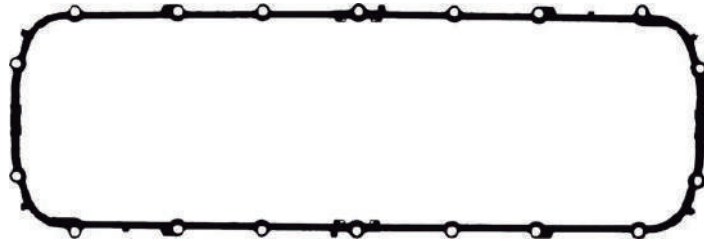
MACK ENGINE MP7 & MP8



6501



6754



0288



0027



0089





MACK ENGINE MP7 & MP8

Picture	FortProUSA#	Reference	Description
6754	F012026	20856959	Bearing Rod (MP-7-STD)
	F012027	21013911	Bearing Rod (MP-7 .25)
	F012028	21013912	Bearing Rod (MP-7 .50)
	F012029	21013913	Bearing Rod (MP-7 .75)
	F012030	N/A	Bearing Rod (MP-7 1.00)
	F012031	N/A	Bearing Rod (MP-7 1.25)
6754	F012032	20580558	Bearing Rod (MP-8-STD)
	F012033	20711963	Bearing Rod (MP-8 .25)
	F012034	20711964	Bearing Rod (MP-8 .50)
	F012035	20711965	Bearing Rod (MP-8 .75)
	F012036	20711966	Bearing Rod (MP-8 1.00)
	F012037	20711967	Bearing Rod (MP-8 1.25)
0027	F012050	20730398	Bushing Rod (MP-7 / MP-8)
0027	F012076	20999613	Bearing, Cam.(1 Pair) (MP-8)
0027	F012077	20999623	Bearing, Cam.(6 Pair) (MP-8)
6501	F012078	N/A	Kit, Cam Bearing (MP-8
		20999613	Include: 1 F012076 Bearing Cam. (1 Pair)
		20999623	6 F012277 Bearing Cam. (6 Pair)
		20835230	OIL Pump MP-7
		20824906	Oil Pump MP-8
0089	F010141	85124623/85142305	Water Pump
0288	F012097	20539127	Gasket Oil Pan (MP-7)
0288	F012098	21293367	Gasket Oil Pan (MP-8)
0288	F012099	20541940	Gasket Oil Pan (MP-8 Volvo D13)





MACK ENGINE MP7 & MP8



6759



0137



0234



0514



6767



6786





MACK ENGINE MP7 & MP8

Picture	FortProUSA#	Reference	Description
0137	F012101	21347087	Seal Front Crankshaft
0234	F012102	8248259	Seal Rear Crankshaft (MP-7) (Teflon)
0234	F012103	20441481	Seal Rear Crankshaft (MP-8) (Teflon)
0514	F012104	1543896	Seal Rear Crankshaft (MP-8) (Neoprene)
6759	F012090	N/A	OVERHAUL Kit (MP-7)
		21367720	Include: 6 F012080 Cylinder Kit
		N/A	1 F012117 Kit Main Bearing
		20856959	6 F012111 Bearing Conn.
		20495935	1 F012038 Head Gasket
		21533184	1 F012042 Upper Gasket Set
			1 F012087 Lower Gasket Set
6759	F102093		OVERHAUL Kit (MP-8)
		20928630	Include: 6 F012083 Cylinder Kit
		N/A	1 F012019 Kit Main Bearing
		20580558	6 F012032 Bearing Conn.
		N/A	1 F012078 Kit Cam Bearing
		21313537	1 F012060 Head Gasket
		21409435	1 F012065 Upper Gasket Set
			1 F012088 Lower Gasket Set
6759	F012094		OVERHAUL Kit (MP-8)
		21209650	Include: 6 F012084 Cylinder Kit
		N/A	1 F012019 Kit Main Bearing
		20580558	6 F012032 Bearing Conn.
		N/A	1 F012078 Kit Cam Bearing
		21313537	1 F012060 Head Gasket
		21409435	1 F012065 Upper Gasket Set
			1 F012088 Lower Gasket Set
6767	F010232	631GC5134	TURBOCHARGER, E6. 631GC463, 631GC4101P13
6786	F010234	631GC5153M2	TURBOCHARGER, E7-400, 173125
	F010236	21111305	TURBOCHARGER, MP7 & MP8, 21071163





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