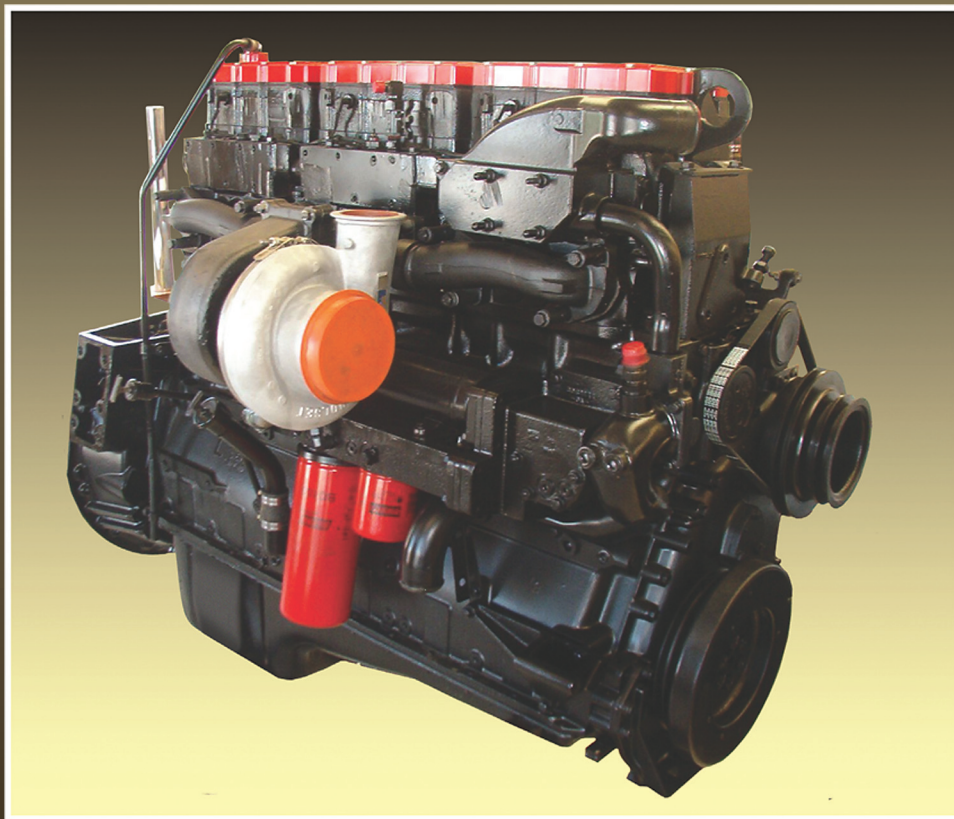




**Replacement Parts for
Cummins®
N14 SERIES MODELS
N14 / NTA14
ENGINES**





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N14 CPL Reference

CPL #	Model	App. Code	Piston Kit	Cyl Kit	Inframe Kit	Injector	Turbo
1309§	NTA14		M-3803754	M-3803755	M-4024877	R-3069722	M-3804801
1324	N14-460E	91 A	M-3803754	M-3803755	M-4024877	R-3652541	M-3804801
1374§	N14-370	91 A	M-3803758	M-3803759	M-4024878	R-3078194	M-3804800
1380§	N14-330/350	91 A	M-3803758	M-3803759	M-4024878	R-3078197	M-3804800
1384	N14-460E	91 A	M-3803754	M-3803755	M-4024877	R-3652541	M-3804801
1385	N14-430E	91 A	M-3803754	M-3803755	M-4024877	R-3652541	M-3804801
1386	N14-430E	91 A	M-3803754	M-3803755	M-4024877	R-3652541	M-3804801
1389	N14-370E	91 A	M-3803754	M-3803755	M-4024877	R-3652541	M-3804801
1390	N14-370E	91 A	M-3803754	M-3803755	M-4024877	R-3652541	M-3804801
1391	N14-350E	91 A	M-3803754	M-3803755	M-4024877	R-3652541	M-3804801
1392	N14-330E	91 A	M-3803754	M-3803755	M-4024877	R-3652541	M-3804801
1393	N14-330E	91 A	M-3803754	M-3803755	M-4024877	R-3652541	M-3804801
1394	N14-310E	91 A	M-3803754	M-3803755	M-4024877	R-3652541	M-3804801
1395§	N14-310/330P	P	M-3803758	M-3803759	M-4024878	R-3078196	M-3804800
1405§	N14-410		M-3803758	M-3803759	M-4024878	R-3078195	M-3804801
1426	N14-410E		M-3803754	M-3803755	M-4024877	R-3652541	M-3804801
1445	N14-370E	91 A	M-3803754	M-3803755	M-4024877	R-3652541	M-3804801
1507§	N14-350P	P	M-3803758	M-3803759	M-4024878	R-3078194	M-3804800
1529§	N14-350P	P	M-3803758	M-3803759	M-4024878	R-3078197	M-3804800
1530§	NTA14-330	91 A	M-3803758	M-3803759	M-4024878	R-3078206	M-3804800
1532§	N14-330/350P	P	M-3803758	M-3803759	M-4024878	R-3078198	M-3804801
1533	N14-370E	91 A	M-3803754	M-3803755	M-4024877	R-3652541	M-3804801
1534	N14-370E	91 A	M-3803754	M-3803755	M-4024877	R-3652541	M-3804801
1535	N14-350E	91 A	M-3803754	M-3803755	M-4024877	R-3652541	M-3804801
1536	N14-330E	91 A	M-3803754	M-3803755	M-4024877	R-3652541	M-3804801
1537	N14-330E	91 A	M-3803754	M-3803755	M-4024877	R-3652541	M-3804801
1538	N14-310E	91 A	M-3803754	M-3803755	M-4024877	R-3652541	M-3804801
1540	N14-330E	91 A	M-3803754	M-3803755	M-4024877	R-3652541	M-3804801
1548	N14-460E		M-3803754	M-3803755	M-4024877	R-3652541	M-3804308
1572	N14-460E	91 A	M-3803754	M-3803755	M-4024877	R-3652542	M-3804801
1573	N14-370/410/430E	91 A	M-3803754	M-3803755	M-4024877	R-3652542	M-3804801
1574	N14-310/330/350E	91 A	M-3803754	M-3803755	M-4024877	R-3652542	M-3804801
1575	N14-460E		M-3803754	M-3803755	M-4024877	R-3652542	M-3804308
1580	N14-430/460E	91 A	M-3803754	M-3803755	M-4024877	R-3652542	M-3804308
1583	N14-370/420/430/460E		M-3803754	M-3803755	M-4024877	R-3652542	M-3804308
1607§	N14-370/410		M-3803758	M-3803759	M-4024878	R-3078195	M-3804801
1611	N14-440/500E		M-3803754	M-3803755	M-4024877	R-3081316	M-3804308
1649	N14-300E		M-3803754	M-3803755	M-4024877	R-3652542	M-3804801
1652§	N14-430		M-3803758	M-3803759	M-4024878	R-3078195	M-3804801
1807	N14-310/330/350/370E	94 A	M-3803739	M-3803740	M-4024881	R-3411759	M-3804805
1809	N14-410/435/445E	94 A	M-3803741	M-3803742	M-4024880	R-3411760	M-3800419
1809	N14-410/435/445E	94 A	M-3803741	M-3803742	M-4024880	R-3411760	M-3800395
1831	N14-430/460E	91 A	M-3803754	M-3803755	M-4024877	R-3652542	M-3804308
1833	N14-330/350E		M-3803739	M-3803740	M-4024881	R-3411765	M-3804805
1844	N14-410 to 500E	94 A	M-3803741	M-3803742	M-4024880	R-3411760	M-3800419
1844	N14-410 to 500E	94 A	M-3803741	M-3803742	M-4024880	R-3411760	M-3800395
1852	N14-500E		M-3803741	M-3803742	M-4024880	R-3411760	M-3800419
1878§	N14-430		M-3803758	M-3803759	M-4024878	R-3078195	M-3804801
1896	N14-410/435/460/500E		M-3803741	M-3803742	M-4024880	R-3411760	M-3800419
1896	N14-410/435/460/500E		M-3803741	M-3803742	M-4024880	R-3411760	M-3800395
1921§	NTA14-C	C	M-3803741	M-3803742	M-4024880	R-3084891	M-3804565

N14 CPL Reference

CPL #	Model	App. Code	Piston Kit	Cyl Kit	Inframe Kit	Injector	Turbo
1921§	NTA14-C	C	M-3803741	M-3803742	M-4024880	R-3084891	M-3804568 Wet
1924	N14-525CE	C	M-3803741	M-3803742	M-4024880	R-3411764	M-3804738
1944	N14-430/460E		M-3803754	M-3803755	M-4024877	R-3652542	M-3804308
1956§	N14-350/370		M-3803758	M-3803759	M-4024878	R-3078194	M-3804800
1957§	N14-410		M-3803758	M-3803759	M-4024878	R-3078195	M-3804801
1987	N14-350ESP		M-3803741	M-3803742	M-4024880	R-3411760	M-3800419
2003	N14-500E		M-3803741	M-3803742	M-4024880	R-3411763	M-3800419
2025	N14-525E +	A	M-3803741	M-3803742	M-4024880	R-3411763	M-3804502
2026	N14-475E +	A	M-3804630	M-3804636	M-4024879	R-3411760	M-3804502
2027	N14-425E +	A	M-3803739	M-3803740	M-4024881	R-3411761	M-3804807
2033§	NTA14-C	C	M-3803741	M-3803742	M-4024880	R-3095023	M-3804566
2033§	NTA14-C	C	M-3803741	M-3803742	M-4024880	R-3095023	M-3804569 Wet
2038§	NTA14-C	C	M-3803739	M-3803740	M-4024881	R-3095055	M-3804567
2038§	NTA14-C	C	M-3803739	M-3803740	M-4024881	R-3095055	M-3804570 Wet
2143	N14-525E		M-3803741	M-3803742	M-4024880	R-3411764	M-3804502
2228	N530E	A	M-3803741	M-3803742	M-4024880	R-3411764	M-3804502
2261	N14-525CE +	C	M-3803741	M-3803742	M-4024880	R-3411764	M-3804738
2287§	NTA14-G	G	M-3803741	M-3803742	M-4024880	R-3084891	M-3804565 Wet
2306	N530E	A	M-3803741	M-3803742	M-4024880	R-3411760	M-3804502
2330§	NTA14-C	C	M-3803739	M-3803740	M-4024881	R-3349821	M-3804805
2330§	NTA14-C	C	M-3803739	M-3803740	M-4024881	R-3349821	M-353918 Wet
2388	N14E-R	R	M-3803741	M-3803742	M-4024880	R-3411760	M-3804502
2389	NTA14-E		M-3803739	M-3803740	M-4024881	R-3411381	M-3804807
2390	N14-370/475E +		M-3803741	M-3803742	M-4024880	R-3411766	M-3804502
2391	NTA14-E		M-3803741	M-3803742	M-4024880	R-3411767	M-3804502
2398	N14-475E +		M-3804630	M-3804636	M-4024879	R-3411762	M-3804502
2403	N14-480CE	C	M-3803741	M-3803742	M-4024880	R-3088178	M-3804565
2453§	NTA14-M	M	M-3803741	M-3803742	M-4024880	R-3084891	M-3804567
2453§	NTA14-M	M	M-3803741	M-3803742	M-4024880	R-3084891	M-3804570 Wet
2492	N530E	A	M-3803741	M-3803742	M-4024880	R-3411760	M-3804502
2529§	NTA14-M	M	M-3803741	M-3803742	M-4024880	R-3084891	M-3804567
2529§	NTA14-M	M	M-3803741	M-3803742	M-4024880	R-3084891	M-3804570 Wet
2575§	N14-R	R	M-3803739	M-3803740	M-4024881	R-3095055	M-3804502
2590	NTA14-E		M-3803739	M-3803740	M-4024881	R-3411765	M-3804507
2591	N14-475E +		M-3803741	M-3803742	M-4024880	R-3411766	M-3804502
2592	NTA14-E		M-3803741	M-3803742	M-4024880	R-3411767	M-3804502
2659	N14-525CE +	C	M-3803741	M-3803742	M-4024880	R-3411764	M-3804738
2659	N14-525CE +	C	M-3803741	M-3803742	M-4024880	R-3411764	M-3537962 Wet
2861§	N14-M	M	M-3803741	M-3803742	M-4024880	R-3084891	M-4024500
2862§	N14-M	M	M-3803741	M-3803742	M-4024880	R-3084891	M-4024500
3359§	N14-C	C	M-3803741	M-3803742	M-4024880	R-4902783	M-3804565
3678§	NTA14-RG2	R	M-3803741	M-3803742	M-4024880	R-3084891	M-3804565
4260§	QSN14-C	C	M-3803741	M-3803742	M-4024880	R-3411760	
4376§	QSN14	R	M-3803741	M-3803742	M-4024880	R-3411760	R-3804502
8023§	N14-R	R	M-3803741	M-3803742	M-4024880	R-3084891	M-3804565
8433§	NTA14-G3	G	M-3803741	M-3803742	M-4024880	R-4902783	M-3804565
9921	N14-480CE	C	M-3803741	M-3803742	M-4024880	R-3411764	M-3804738
9921	N14-480CE	C	M-3803741	M-3803742	M-4024880	R-3411764	M-3537962 Wet
9925	N14-525CE +	C	M-3803741	M-3803742	M-4024880	R-3411764	M-3804738
9925	N14-525CE +	C	M-3803741	M-3803742	M-4024880	R-3411764	M-3537962 Wet
9951	N14-525CE +	C	M-3803741	M-3803742	M-4024880	R-3411764	M-3804738
9951	N14-525CE +	C	M-3803741	M-3803742	M-4024880	R-3411764	M-3537962 Wet

N14 PARTS LISTING

ENGINE KITS

Part #	QTY	Description	Comment
M-4955558	1	Inframe Kit - .020"/.040"	M-4955555 Cylinder Kit
M-4955559	1	Inframe Kit - .020"/.040"	M-4955556 Cylinder Kit
M-4955560	1	Inframe Kit - .020"/.040"	M-4955557 Cylinder Kit
MCIFN14E	1	Re-Ring Inframe Kit - 14L	w/o Crown & Skirt
MCIFN14E-S	1	Re-Ring Inframe Kit - 14L	w/ Skirt w/o Crown

CYLINDER COMPONENTS

Part #	QTY	Description	Comment
M-3803755	6	Cylinder Kit - Anodized Celect	Piston (3081268)
M-3803759	6	Cylinder Kit - Anodized STC	Piston (3081269)
M-3803740	6	Cylinder Kit - Articulated	Crown (3087635)
M-4955557	6	Cylinder Kit - Articulated	Crown (3087635) .020/.040
M-3803742	6	Cylinder Kit - Articulated	Crown (3087634)
M-4955556	6	Cylinder Kit - Articulated	Crown (3087634) .020/.040
M-3804636	6	Cylinder Kit - Articulated	Crown (3865113)
M-4955555	6	Cylinder Kit - Articulated	Crown (3865113) .020/.040
M-3803754	6	Piston Kit - Anodized Celect	Piston (3081268)
M-3803758	6	Piston Kit - Anodized STC	Piston (3081269)
M-3803739	6	Piston Kit - Articulated	Crown (3087635)
M-3803741	6	Piston Kit - Articulated	Crown (3087634)
M-3804630	6	Piston Kit - Articulated	Crown (3865113)
MCBN14SKIRT	6	Piston Skirt	
M-3801826	6	Liner Kit - STD	(M-3055099) w/ Liner Seals
M-3803219	6	Liner Kit - 20/40 OS	(M-3065405) w/ Liner Seals
M-3800174	6	Cylinder Liner Seal Kit	
M-215090	6	Crevice Seal*	
M-3032874	12	Liner O-Ring*	
M-4089489	6	Piston Ring Set	(M-3804500)
M-3064304	6	Piston Pin	
M-3064305	12	Piston Pin Retainer	
M-4058947	6	Piston Cooling Nozzle	91N14 & Up
M-4058941	6	Nozzle O-Ring	91N14 & Up

N14 PARTS LISTING

LINER FLANGE SEAL RINGS

Part #	QTY	Description	Comment
M-3054948	6	Seal Ring - .0205" Thick	Standard Liner
M-4025380	6	Seal Ring - .0225" Thick	Standard Liner
M-4025325	6	Seal Ring - .0235" Thick	Standard Liner
M-4025326	6	Seal Ring - .0245" Thick	Standard Liner
M-3019959	6	Seal Ring - .0310" Thick	Standard Liner
M-3019960	6	Seal Ring - .0620" Thick	Standard Liner
M-3066843	6	Seal Ring - .018" Thick	.020"/.040" Liner
M-3065406	6	Seal Ring - .020" Thick	.020"/.040" Liner
M-3066844	6	Seal Ring - .022" Thick	.020"/.040" Liner

GASKET SETS

Part #	QTY	Description	Comment
M-4089368	1	Upper Set	STC
M-4089371	1	Upper Set	Electronic
M-4089368EB	1	Upper Set w/Brake Gaskets	STC
M-4089371EB	1	Upper Set w/Brake Gaskets	Electronic
M-4089369	1	Upper Set - Single Head	STC
M-4089370	1	Upper Set - Single Head	Electronic w/ 6 Exhaust Gaskets
M-4089372	1	Upper Set - Single Head	Electronic w/ 3 Exhaust Gaskets
M-JB11858	1	Engine Brake Gasket Set	
M-4025069	1	Lower Set	91N14 & STC Construction
M-4025068	1	Lower Set	94N14 & Up
M-3804303	1	Oil Pan Gasket Set	
MCBN14INJ	6	Injector Seal Kit	Electronic
MCB215	1	Gear Cover Gasket Set	91N14 1.5" Drive Shaft
MCB225	1	Gear Cover Gasket Set	94N14 & Up 2.0" Drive Shaft
MCB1401	1	Oil Cooler Gasket Set	Core Replacement
MCB1402	1	Oil Cooler Gasket Set	Assembly Overhaul

N14 PARTS LISTING

ENGINE BEARINGS

Part #	QTY	Description	Comment
M-3055145	12	Connecting Rod Bearing - STD	
M-3055146	12	Connecting Rod Bearing - .010" OS	
M-3055147	12	Connecting Rod Bearing - .020" OS	
M-3055148	12	Connecting Rod Bearing - .030" OS	
M-3055149	12	Connecting Rod Bearing - .040" OS	
M-3801260	1	Main Bearing Set - STD	
M-3801261	1	Main Bearing Set - .010" OS	
M-3801262	1	Main Bearing Set - .020" OS	
M-3801263	1	Main Bearing Set - .030" OS	
M-3801264	1	Main Bearing Set - .040" OS	
M-3801106	1	Camshaft Bearing Set	
M-3011951	1	Camshaft Bushing*	#7
M-3028075	4	Camshaft Bushing*	#1,2,4,6
M-3028269	2	Camshaft Bushing*	#3,5
M-3011952	1	Camshaft Cup Plug	At rear of Cylinder Block
M-3064295	6	Connecting Rod Bushing	

Note * = Included in Camshaft Bearing Kit

CRANKSHAFT, SEALS & DAMPER

Part #	QTY	Description	Comment
M-3064291	1	Crankshaft	
M-3020183	1	Front Crankshaft Seal	Teflon
M-3006742	1	Front Crankshaft Repair Sleeve	
M-3006737	1	Rear Crankshaft Seal	Dry Housing - Teflon
M-3006738	1	Rear Crankshaft Seal	Wet Housing - Teflon
M-3006743	1	Rear Crankshaft Repair Sleeve	
M-3067616	1	Rear Crankshaft Cover Gasket	(Horseshoe)
M-3101655	1	Vibration Damper	13.5" diameter
M-204165	6	Vibration Damper Bolts	

N14 PARTS LISTING

CYLINDER HEAD COMPONENTS

Part #	QTY	Description	Comment
M-3803360	12	Valve Kit - Intake - 30°	91N14
M-3803854	12	Valve Kit - Intake - 20°	94N14 & Up
M-3054590	12	Valve Seat - Intake - 30°	91N14
M-3084020	12	Valve Seat - Intake - 20°	94N14 & Up
M-3803770	12	Valve Kit - Exhaust - 30°	91N14
M-3803726	12	Valve Kit - Exhaust - 30°	94N14 & Non-Automotive
M-3800891	12	Valve Kit - Exhaust - 45°	N14Plus Automotive
M-3069692	12	Valve Seat - Exhaust - 30°	91N14
M-3076515	12	Valve Seat - Exhaust - 20°	94N14 & Non-Automotive
M-3084041	12	Valve Seat - Exhaust - 45°	N14Plus Automotive
M-3072369	48	Valve Lock	
M-3064312	24	Valve Guide - STD	
M-3070460	24	Valve Spring	
M-4026228	24	Valve Spring Guide - Retainer	
M-3064281	24	Valve Guide Seal	
M-3070486	6	Injector Tube - STD	< 6/1997
M-3071147	6	Injector Tube - Thicker Nose	< 6/1997
M-3406702	6	Injector Tube - STD	> 6/1997
M-3007759	6	Injector Tube O-Ring	
M-147100	2	Fuel Crossover	
M-70772	12	Fuel Crossover Screw	
M-131026	12	Fuel Crossover O-Ring	
M-135308	2	Fuel Cover Plate	
M-3071161	36	Head Bolt	11/16 - 16 x 7¼ inch
M-3071075	36	Head Bolt Washer	5/8 inch
M-3007634	3	Expansion Plug	¾"
M-3007635	6	Expansion Plug	1"
M-3007636	2	Expansion Plug	1¼"
M-3027106	2	Dowel	
M-68445	6	Groove Pin	
M-S911B	10	Pipe Plug	1/8" NPT

N14 PARTS LISTING

CAMSHAFT

Part #	QTY	Description	Comment
M-3800855	1	Camshaft - STC Engines	CPL=1374, 1380, 1395, 1405, 1507, 1529, 1530, 1532, 1607, 1652, 1878, 1921, 1956, 1957, 2033, 2038, 2330, 2453, 2529, 2575, 2861, 2862, 8023
M-3803738	1	Camshaft - 94N14 & N14Plus	CPL=1807, 1809, 1833, 1844, 1852, 1896, 1987, 2003, 2025, 2026, 2143, 2306, 2388, 2389, 2398, 2492, 2590
M-4024849	1	Camshaft - N14Plus	CPL= 2390, 2391, 2591, 2592
M-215233	1	Thrust Washer	
M-3008530	1	Camshaft Support	
M-AR1176	1	Camshaft Support Shim Kit	
M-215705			
M-3011952	1	Block Plug	
MCB215	1	Gear Cover Gasket Set	91N14 1.5" Drive Shaft
MCB225	1	Gear Cover Gasket Set	94N14 & Plus 2" Drive Shaft

CAM FOLLOWER

Part #	QTY	Description	Comment
M-4025956	6	Injector Lever Roller	91N14
M-3412922	6	Injector Lever Pin	91N14
M-3036933	12	Valve Lever Roller	91N14
M-3013331	12	Valve Lever Pin	91N14
M-3161423	6	Injector Lever Roller	94N14 & Plus
M-3166388	6	Injector Lever Pin	94N14 & Plus
M-3865237	12	Valve Lever Roller	94N14 & Plus
M-3166428	12	Valve Lever Pin	94N14 & Plus
M-3064309	18	Roll Pin	
M-3064621	18	Socket	
M-205401	6	Shaft Plug	
M-3068473	3	Housing Gasket - .032"	
M-3068474	3	Housing Gasket - .037"	
M-3068475	3	Housing Gasket - .042"	
M-3068476	3	Housing Gasket - .047"	
M-3068477	3	Housing Gasket - .052"	

N14 PARTS LISTING

ROCKER COVER, ROCKER BOX & PUSH TUBES

Part #	QTY	Description	Comment
M-3066311	3	Rocker Cover Gasket	
M-3068135	3	Brake Mounting Gasket	
M-4058981	3	Rocker Box Gasket	
M-3058462	12	Bushing Valve Rocker Arm	
M-3074376	3	Rocker Shaft	
M-3074375	3	Rocker Shaft	
M-203933	6	Shaft Plug	
M-3066291	12	Valve Push Rod	
M-3067932	6	Injector Push Rod	91N14 & all STC
M-3073499	6	Injector Push Rod	94N14 & Plus

ACCESSORY DRIVE

Part #	QTY	Description	Comment
M-3078307	1	Accessory Drive Assembly	2.0" Drive 94N14 & Up w/ Iron Housing
M-3023473	1	Accessory Drive Pulley	
M-3012526	1	Pulley Nut	
M-193136	1	Washer	
M-3008947	1	Keyway Seal	
M-70550	1	Dowel Pin	
M-3004316	1	Oil Seal	1.5" Drive 91N14
M-3800616	1	Oil Seal	2.0" Drive 94N14 & Up
M-3800617	1	Oil Seal & Sleeve	2.0" Drive 94N14 & Up
M-132770	1	Drive Bushing	1.5" Drive 91N14
M-3411389	1	Drive Bushing	2.0" Drive 94N14 & Up
M-142689	1	Gear	1.5" Drive 91N14
M-3078310	1	Gear	2.0" Drive 94N14 & Up
M-3034438	1	Groove Pin	
M-3000171	1	Drive Shaft	1.5" Drive 91N14
M-3076500	1	Drive Shaft	2.0" Drive 94N14 & Up
M-3076225	1	Gasket	Drive to Cylinder Block
M-3000174	1	Spline Coupling	
M-170664	1	Spline Coupling Washer	
M-3000173	1	Spline Coupling Bolt	
M-199349	1	Sleeve Coupling	
M-3076226	1	Gasket	Compressor to Drive
M-101918	1	Jaw Hub Coupling	Compressor rear
M-3046200	1	Spider Coupling	

N14 PARTS LISTING

FUEL SYSTEM

PART #	QTY	DESCRIPTION	COMMENT
M-4024808	1	Shutdown Solenoid	12V Single Pole
M-3803282	1	STC Valve Repair Kit	
M-3803478	1	Fuel Pump Seal & Gasket Kit	Step Bore Housing
M-3803477	1	Fuel Pump Oil Seal Kit	
M-4026171	1	Fuel Pump Mounting Gasket	
M-3034243	1	Gear Fuel Pump	3/4" - STC
M-4010324	1	Gear Fuel Pump	1 1/4"
M-4954880	1	Gear Fuel Pump - 2.0 Type	Internal Cooling
M-3824010	6	Electrical Injector Connector	
M-3928624	6	Connector Seal Ring	

FUEL INJECTORS

See CPL Matrix on pages 3 & 4 for application

PART #	QTY	DESCRIPTION	CORE	COMMENT
R-3411759	6	Injector - Rebuilt	C-CELLECT3	Electronic
R-3411760	6	Injector - Rebuilt	C-CELLECT3	Electronic
R-3411761	6	Injector - Rebuilt	C-CELLECT3	Electronic
R-3411762	6	Injector - Rebuilt	C-CELLECT3	Electronic
R-3411763	6	Injector - Rebuilt	C-CELLECT3	Electronic
R-3411764	6	Injector - Rebuilt	C-CELLECT3	Electronic
R-3411765	6	Injector - Rebuilt	C-CELLECT3	Electronic
R-3411766	6	Injector - Rebuilt	C-CELLECT3	Electronic
R-3411767	6	Injector - Rebuilt	C-CELLECT3	Electronic
R-3652541	6	Injector - Rebuilt	C-CELLECT1	Electronic
R-3652542	6	Injector - Rebuilt	C-CELLECT1	Electronic

Core Return Policy

CORE RETURNS MUST MEET THE FOLLOWING CRITERIA:

- Units must be properly identified with their part number.
- Units must be returned as off of the engine – assembled and complete.
- Units damaged by fire or excessive other damage will not be acceptable.

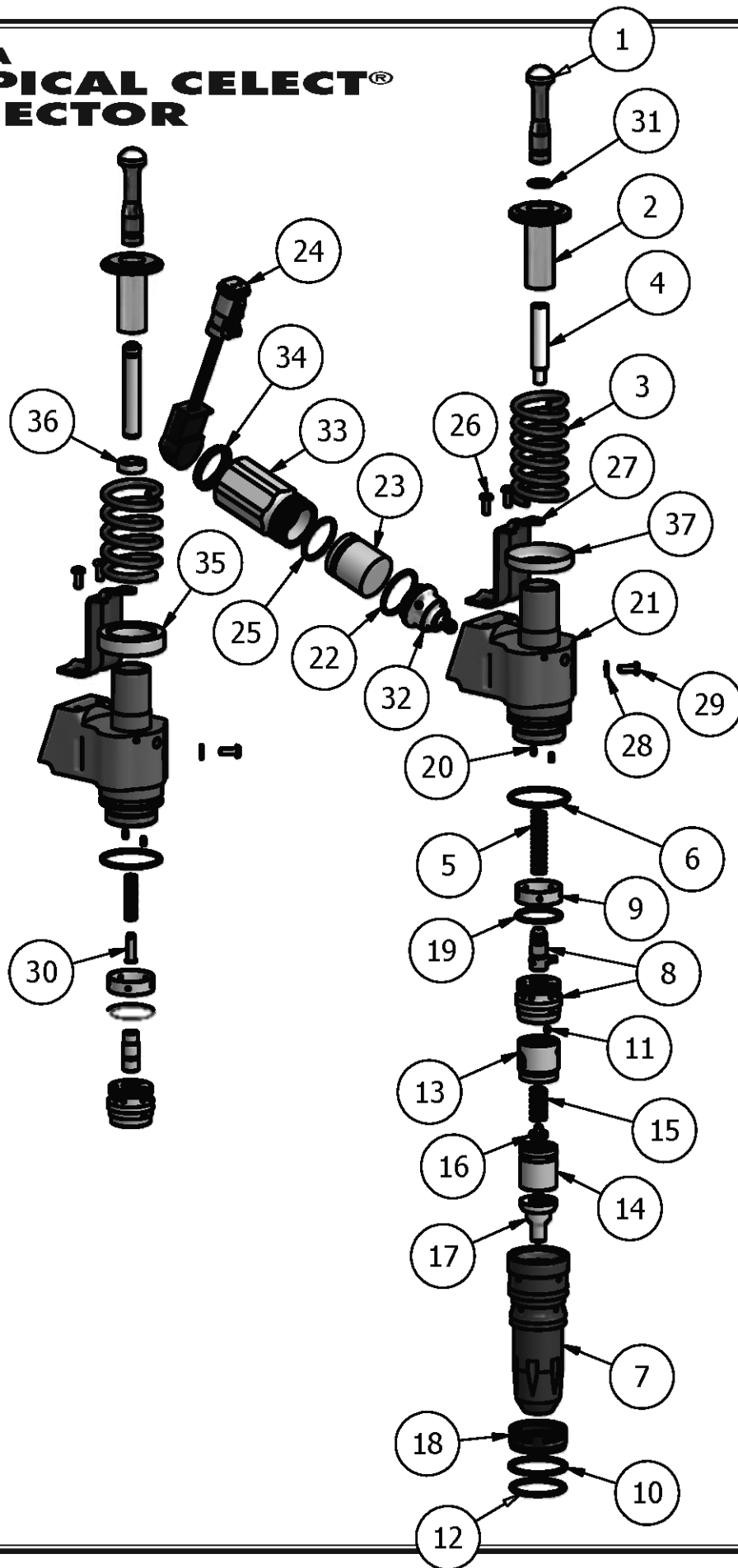
GROUP CLASSIFICATION OF CORES:

Cores will be accepted for any of the exchange injectors within the specific group classification. Unacceptable cores not meeting the above criteria will be scrapped and no credit will be issued. Copy of the original invoice or a packing slip referring to said invoice must accompany cores upon return.

CORE MUST BE RETURNED TO:

**INTERSTATE-MCBEE
Attn: Core Department
4901 Lakeside Avenue
Cleveland, OH 44114**

**FIG. A
TYPICAL CELECT®
INJECTOR**



N14 INJECTOR PARTS LISTING

ELECTRONIC FUEL INJECTOR COMPONENTS

FIG. A	PART #	DESCRIPTION	NOTE	QTY
1	M-3078226	Injector Plunger Link	91N14 & Up	1
1	M-3072485	Injector Plunger Link	91N14 for R-3652541 & R-3652542	1
2	M-3083863	Plunger Coupling	91N14 & Up	1
2	M-3081342	Plunger Coupling	91N14 for R-3652541 & R-3652542	1
3	M-3411340	Plunger Coupling Spring	91N14 & Up	1
3	7991021	Plunger Coupling Spring	91N14 for R-3652541 & R-3652542	1
4	M-3087552	Upper Plunger – Male	91N14 & Up	1
4	7991022	Upper Plunger – Female	91N14 for R-3652541 & R-3652542	1
5	M-3081388	Upper Plunger Spring – Male	91N14 & Up	1
5	M-3081371	Upper Plunger Spring – Female	91N14 for R-3652541 & R-3652542	1
6	M-3070136	O-Ring Seal Top	Red	1
10	M-3070137	O-Ring Seal Middle	White	1
12	M-3070138	O-Ring Seal Bottom	Blue	1
7	M-3073244	Cup Retainer		1
7	M-3070184	Cup Retainer	For R-3652541	1
8	M-3411711	Plunger and Barrel – Male	91N14 & Up	1
8	7991093	Plunger and Barrel – Female	91N14 for R-3652541 & R-3652542	1
9	M-3070113	Injector Sleeve		1
11	M-3076068	Ball Check		1
13	M-3072823	Spring Housing Spacer Assembly		1
	M-3072819	– Spring Housing Spacer		1
	M-3072822	– Socket Set Screw		1
	M-3072820	– Spring		1
	M-3072821	– Spring Guide		1
14	M-3066736	Valve Spring Housing		1
15	M-3066738	Valve Spring		1
16	M-3067426	Valve Spring Retainer		1
16	M-3067426+1	Valve Spring Retainer	Oversize .003"	1
16	M-3067426-1	Valve Spring Retainer	Undersize .003"	1
17	M-3609861	Spray Tip Assembly	Injector R-3411759	1
17	M-3609855	Spray Tip Assembly	Injector R-3411760	1
17	M-3609852	Spray Tip Assembly	Injector R-3411761	1
17	M-3409978	Spray Tip Assembly	Injector R-3411762	1
17	M-3087791	Spray Tip Assembly	Injector R-3411763	1
17	M-3088175	Spray Tip Assembly	Injector R-3411764	1
17	M-3411690	Spray Tip Assembly	Injector R-3411765	1
17	M-3411694	Spray Tip Assembly	Injector R-3411766	1
17	M-3411388	Spray Tip Assembly	Injector R-3411767	1
17	M-3076071	Spray Tip Assembly	Injectors R-3652541 & R-3654542	1
18	M-3071967	Filter Screen		1
19	M-3068959	Barrel O-Ring		1
20	7991016	Groove Pin	91N14 & Up	2
21	7991019	Injector Body	91N14 for R-3652541 & R-3652542	1
21	7991025	Injector Body		1
22	M-3034408	Control Valve O-Ring		1
23	M-3811021	Solenoid		1
24	M-3076256	Wiring Harness		1
25	M-3075658	Solenoid O-Ring		1
26	M-3075613	Socket Head Cap Screw		2
27	M-3080766	Coupling Retainer		1

N14 INJECTOR PARTS LISTING

ELECTRONIC FUEL INJECTOR COMPONENTS

FIG. A	PART #	DESCRIPTION	NOTE	QTY
28	M-3080421	Sealing Washer		1
29	M-3075613	Socket Head Cap Screw		1
30	7991066	Plunger Spring Guide		1
31	M-3072486	Link Retainer		1
32	7991123	Control Valve Assembly		1
33	7991089	Solenoid Nut		1
34	7991091	Retaining Ring		1
35	M-3080767	Spacer	91N14 for R-3652541 & R-3652542	1
36	7991026	Plunger Spacer	91N14 for R-3652541 & R-3652542	1
37	M-3411775	Spring Retainer		1

ELECTRONIC FUEL INJECTOR KITS

PART #	DESCRIPTION	CONTAINS REFERENCE NUMBER IN FIG. A	QTY
MCBN14INJ	External O-Ring Kit	6, 10, 12	1
MCB26124	External O-Ring Kit & Filter	6, 10, 12, 18	1
MCB26104	O-Ring & Harware Kit	6, 10, 12, 19, 22, 26, 28, 29	1
MCB26129	Injector Repair Kit	5, 6, 10, 12, 11, 15, 18, 19, 22, 25, 26, 28, 29	1
MCB3060001	Injector Repair Kit & Harness	5, 6, 10, 12, 11, 15, 16, 18, 19, 22, 24, 25, 26, 28, 29	1

FUEL INJECTOR SEALS

PART #	QTY	DESCRIPTION	COMMENT
M-193736	18	O-Ring Injector Body	STC
M-3001340	6	O-Ring Seal	Oil Tube to Cylinder Head Rail
M-3052587	6	O-Ring Seal	Oil Tube to Fuel Injector
M-3050867	6	Grommet Seal	Oil Tube to Top of Cylinder Head
MCBN14INJ	6	Injector Seal Kit	Electronic – External O-Ring
MCB26124	6	Injector Seal Kit & Filter	Electronic – Installation
MCB26129	6	Injector Repair Kit - Minor	Seals & Springs
MCB3060001	6	Injector Repair Kit - Major	Seals, Springs, Spring Retainer & Wire Harness
M-3076256	6	Wire Harness	

N14 INJECTOR PARTS LISTING

STC INJECTOR COMPONENTS

DESCRIPTION	PART #										
		R-3078194	R-3078195	R-3078196	R-3078197	R-3078198	R-3084891	R-3095023	R-3095055	R-3349821	
Link Retainer	M-3052231	X	X	X	X	X	X	X	X	X	X
Tappet - HVT	M-3075383	X	X	X	X	X	X	X	X	X	X
Tappet Repair Kit	M-3804700	X	X	X	X	X	X	X	X	X	X
Injector Stop Screw	M-3055742	X	X	X	X	X	X	X	X	X	X
Spring Retainer	M-3066707	X	X	X	X	X					
Spring Retainer	M-3052218						X	X	X	X	
Compression Spring - Large OD	M-3060615	X	X	X	X	X					
Compression Spring - Small OD	M-3060614	X	X	X	X	X					
Compression Spring - Large OD	M-3023478						X	X	X	X	
Compression Spring - Small OD	M-3034167						X	X	X	X	
Adaptor Injector Body	M-3066695	X	X	X	X	X					
Adaptor Injector Body	M-3023934						X	X	X	X	
Orifice Plug Gasket	M-173086	X	X	X	X	X	X	X	X	X	
Orifice Plug Screen	M-3008706	X	X	X		X					
Orifice Plug Screen	M-3054999				X		X	X	X	X	
Screen Retainer	M-174299	X	X	X	X	X	X	X	X	X	
Check Ball	M-167157	X	X	X	X	X	X	X	X	X	
Roll Pin	M-203426 (2)	X	X	X	X	X	X	X	X	X	
Plunger & Barrel	M-3069707	X	X	X	X	X					
Plunger & Barrel	M-3084892						X	X	X	X	
Injector Cup	M-3073573	X									
Injector Cup	M-3073575		X								
Injector Cup	M-3073570			X							
Injector Cup	M-3071648				X						
Injector Cup	M-3074253					X					
Injector Cup	M-3084895						X				
Injector Cup	M-3095024							X			
Injector Cup	M-3069764								X		
Injector Cup	M-3349822										X
Cup Retainer	M-3066693	X	X	X	X	X					
Cup Retainer	M-185138						X	X	X	X	

N14 PARTS LISTING

LUBRICATION SYSTEM

PART #	QTY	DESCRIPTION	COMMENT
M-3803369	1	Oil Pump	91N14 Helical Gear
M-3803698	1	Oil Pump	94N14 & Up – Spur Gear
M-3067613	1	Mounting Gasket	
M-3884126	1	Regulator Plunger	
M-3010146	1	Regulator Plunger Spring	
M-3413091	1	Oil Cooler	
MCB1401	1	Cooler Core Gasket Set	
MCB1402	1	Cooler Assembly Gasket Set	
M-3069678	2	Mounting Gasket	
M-109080	2	O-Ring Seal	
M-3072375	2	O-Ring Seal	Retainer Plate
M-3059408	1	Oil Cooler Thermostat	
M-3072341	1	Thermostat Gasket	
M-3070477	1	Support Gasket	
M-3066298	1	Support Gasket	
M-4058947	6	Piston Cooling Nozzle	91N14 & Up
M-4058941	6	Nozzle O-Ring	91N14 & Up
M-3046947	1	Oil Pan	Front Sump - Aluminum
M-3030257	1	Oil Pan	Rear Sump - Aluminum
M-3099083	1	Oil Pan Gasket	
M-3029847	1	O-Ring Seal	Tube to Oil Pan
M-3034986	1	Rectangular Seal	Tube to Oil Pan
M-157551	1	Gasket	Gasket to Oil Pump
M-3055069	1	Magnetic Drain Plug	
M-67946	1	Oil Pan Drain Plug	Washer 11/32"

COOLING SYSTEM

PART #	QTY	DESCRIPTION	COMMENT
M-3803605	1	Water Pump Assembly	
M-3803612	1	Water Pump Repair Kit - Minor	Seals & Gaskets
M-3803614	1	Water Pump Repair Kit - Major	
M-3066330	1	Idler Assembly	
M-217638	1	Belt	Poly Groove
M-3076489	1	Thermostat - 180°	91N14 & 94N14
M-3411335	1	Thermostat - 180°	91N14 & 94N14 w/ Flange Seal
M-4973373	2	Thermostat - 180°	N14 Plus
M-186780	1	Thermostat Seal	All
M-3066285	1	Gasket - Housing Cover	91N14 & 94N14
M-3865236	1	Gasket - Housing Cover	N14 Plus
M-3064313	1	Gasket - Housing Mounting	91N14 & 94N14
M-3865195	1	Gasket - Housing Mounting	N14 Plus
M-43463A	2	O-Ring Seal	Transfer Tube

N14 PARTS LISTING

TURBOCHARGERS

See CPL Matrix on pages 3 & 4 for application

PART #	QTY	DESCRIPTION	COMMENT
M-3537962	1	Turbocharger	Water Cooled Bearing Housing
M-353918	1	Turbocharger	Water Cooled Bearing Housing
M-3800395	1	Turbocharger	
M-3800419	1	Turbocharger	
M-3804308	1	Turbocharger	
M-3804502	1	Turbocharger	
M-3804507	1	Turbocharger	
M-3804565	1	Turbocharger	Water Cooled Bearing Housing
M-3804566	1	Turbocharger	
M-3804567	1	Turbocharger	
M-3804568	1	Turbocharger	Water Cooled Bearing Housing
M-3804569	1	Turbocharger	Water Cooled Bearing Housing
M-3804570	1	Turbocharger	Water Cooled Bearing Housing
M-3804738	1	Turbocharger	
M-3804800	1	Turbocharger	
M-3804801	1	Turbocharger	
M-3804805	1	Turbocharger	
M-3804807	1	Turbocharger	
M-4024500	1	Turbocharger	

TURBOCHARGER COMPONENTS

PART #	QTY	DESCRIPTION	COMMENT
M-3801523	1	Bearing & Seal Kit	BHT3C models
M-3801522	1	Seal Kit	BHT3C models
M-3069177	1	Mounting Gasket	
M-201048	1	Oil Pan Drain Gasket	
M-3037537	1	O-Ring Oil Feed	
M-3056158	4	Mounting Nut	3/8-24 UNF

N14 PARTS LISTING

AIR COMPRESSOR

PART #	QTY	DESCRIPTION	COMMENT
M-AR12719	1	Valve Repair Kit	Holset®13.2 Single
M-3801733	1	Head Repair Kit	Holset®13.2 Single
M-3801728	1	Head Repair Kit	w/ Unloader Body Holset®13.2 Single
M-3803930	1	Piston Kit - STD	91N14 13.2 Single (AR73350 Ring Set)
M-3803931	1	Piston Kit - .010" OS	91N14 13.2 Single (AR73351 Ring Set)
M-3803932	1	Piston Kit - .020" OS	91N14 13.2 Single (AR73352 Ring Set)
M-3803933	1	Piston Kit - .030" OS	91N14 13.2 Single (AR73353 Ring Set)
M-119810	1	Piston Pin	
M-3558754	2	Piston Pin Retainer	
M-3018151	1	Connecting Rod	Holset®13.2 Single
M-AR10922	1	Crankshaft	Holset®13.2 Single

ENGINE SENSORS

PART #	QTY	DESCRIPTION	COMMENT
M-4984223	1	Sensor - Position	
M-4076493	1	Sensor - Pressure	
M-4902720	1	Sensor - Pressure	
M-4921487	1	Sensor - Pressure	
M-4921493	1	Sensor - Pressure	
M-4921501	1	Sensor - Pressure	
M-3085185	1	Sensor - Temperature	
M-3865312	1	Sensor - Temperature	
M-4954905	1	Sensor - Temperature	

N14 PARTS LISTING

GASKET LISTING

DESCRIPTION	NOTE	PART#	QTY
Accessory Drive Gasket	Drive to Cylinder Block	M-3069101	1
Air Compressor Gasket	Compressor to Drive Support	M-3069102	1
Cam Follower Gasket		M-3068473	3
Cam Support O-Ring		M-215705	1
Cylinder Head Gasket	Current Edge Molded Design	M-4058790	3
Engine Brake Gasket		M-4920093	3
Exhaust Manifold Gasket		M-3020943	6
Exhaust Manifold Gasket	for Plus Engines	M-3865235	3
Fuel Pump Mounting Gasket		M-3069103	1
Gear Cover Gasket	Cover to Cylinder Block	M-4058949	1
Hand Hole Gasket		M-3068466	1
Hydraulic Pump Gasket		M-3558515	1
Injector O-Ring	STC	M-193736	18
Injector O-Ring	Electric - Top - Red	M-3070136	6
Injector O-Ring	Electric - Middle - White	M-3070137	6
Injector O-Ring	Electric - Bottom - Blue	M-3070138	6
Intake Manifold Gasket		M-3008591	3
Oil Filter Head Gasket		M-3070478	1
Oil Pan Drain Gasket	Washer 11/32"	M-67946	1
Oil Pan Gasket		M-3099083	1
Oil Pump Cover Gasket		M-3014778	1
Oil Pump Mounting Gasket		M-3067613	1
Oil Transfer Tube Gasket		M-157551	1
Oil Transfer Tube O-Ring	Tube to Pick Up	M-3029847	1
Oil Transfer Tube Seal	Rectangular	M-3034986	1
Piston Nozzle O-Ring		M-3068527	6
Rear Seal Cover Gasket		M-3067616	1
Rocker Box Gasket	Box to Head	M-4058981	3
Rocker Cover Gasket		M-3066311	3
Thermostat Housing Gasket	Housing Mounting	M-3064313	1
Thermostat Housing Gasket	Cover to Housing	M-3066285	1
Thermostat Housing Gasket	Housing Mounting - Double Stat	M-3865236	1
Thermostat Housing Gasket	Cover to Housing - Double Stat	M-3865195	1
Thermostat Housing O-Ring	on Transfer Tube	M-43463A	2
Thermostat Seal		M-186780	1
Turbo Intake Seal	Rectangular	M-3068510	1
Turbo Mounting Gasket		M-3069177	1
Turbo Oil Drain Gasket		M-201048	1
Turbo Oil Feed O-Ring		M-3037537	1
Turbo Outlet Seal		M-3066211	1
Water Pump Gasket		M-3076522	1

NUMERICAL INDEX

Part #	Description	Page	Part #	Description	Page
7991016	Groove Pin	13	M-3006743	Rear Crankshaft Repair Sleeve	7
7991019	Injector Body	13	M-3007634	Expansion Plug	8
7991021	Plunger Coupling Spring	13	M-3007635	Expansion Plug	8
7991022	Upper Plunger – Female	13	M-3007636	Expansion Plug	8
7991025	Injector Body	13	M-3007759	Injector Tube O-Ring	8
7991026	Plunger Spacer	14	M-3008530	Camshaft Support	9
7991066	Plunger Spring Guide	14	M-3008591	Intake Manifold Gasket	18
7991089	Solenoid Nut	14	M-3008706	Orifice Plug Screen	15
7991091	Retaining Ring	14	M-3008947	Keyway Seal	10
7991093	Plunger and Barrel – Female	13	M-3010146	Regulator Plunger Spring	14
7991123	Control Valve Assembly	14	M-3011951	Camshaft Bushing	7
M-101918	Jaw Hub Coupling	10	M-3011952	Camshaft Cup Plug	7, 9
M-109080	O-Ring Seal	14	M-3012526	Pulley Nut	10
M-119810	Piston Pin	17	M-3013331	Valve Lever Pin	9
M-131026	Fuel Crossover O-Ring	8	M-3014778	Oil Pump Cover Gasket	18
M-132770	Drive Bushing	10	M-3018151	Connecting Rod	17
M-135308	Fuel Cover Plate	8	M-3019959	Seal Ring - .0310" Thick	6
M-142689	Gear	10	M-3019960	Seal Ring - .0620" Thick	6
M-147100	Fuel Crossover	8	M-3020183	Front Crankshaft Seal	7
M-157551	Oil Transfer Tube Gasket	14, 18	M-3020943	Exhaust Manifold Gasket	18
M-167157	Check Ball	15	M-3023473	Accessory Drive Pulley	10
M-170664	Spline Coupling Washer	10	M-3023478	Compression Spring - Large OD	15
M-173086	Orifice Plug Gasket	15	M-3023934	Adaptor Injector Body	15
M-174299	Screen Retainer	15	M-3027106	Dowel	8
M-185138	Cup Retainer	15	M-3028075	Camshaft Bushing	7
M-186780	Thermostat Seal	16, 18	M-3028269	Camshaft Bushing	7
M-193136	Washer	10	M-3029847	Oil Transfer Tube O-Ring	14, 18
M-193736	O-Ring Injector Body	11, 18	M-3030257	Oil Pan	14
M-199349	Sleeve Coupling	10	M-3032874	Liner O-Ring	5
M-201048	Turbo Oil Drain Gasket	17, 18	M-3034167	Compression Spring - Small OD	15
M-203426	Roll Pin	15	M-3034243	Gear Fuel Pump	11
M-203933	Shaft Plug	10	M-3034408	Control Valve O-Ring	13
M-204165	Vibration Damper Bolts	7	M-3034438	Groove Pin	10
M-205401	Shaft Plug	9	M-3034986	Oil Transfer Tube Seal	14, 18
M-215090	Crevice Seal	5	M-3036933	Valve Lever Roller	9
M-215233	Thrust Washer	9	M-3037537	Turbo Oil Feed O-Ring	17, 18
M-215705	Cam Support O-Ring	9, 18	M-3046200	Spider Coupling	10
M-217638	Belt	16	M-3046947	Oil Pan	14
M-3000171	Drive Shaft	10	M-3050867	Grommet Seal	11
M-3000173	Spline Coupling Bolt	10	M-3052218	Spring Retainer	15
M-3000174	Spline Coupling	10	M-3052231	Link Retainer	15
M-3001340	O-Ring Seal	11	M-3052587	O-Ring Seal	11
M-3004316	Oil Seal	10	M-3054590	Intake Seat - 30°	8
M-3006737	Rear Crankshaft Seal	7	M-3054948	Seal Ring - .0205" Thick	6
M-3006738	Rear Crankshaft Seal	7	M-3054999	Orifice Plug Screen	15
M-3006742	Front Crankshaft Repair Sleeve	7	M-3055069	Magnetic Drain Plug	14

NUMERICAL INDEX

Part #	Description	Page	Part #	Description	Page
M-3006743	Rear Crankshaft Repair Sleeve	7	M-3055145	Connecting Rod Bearing - STD	7
M-3007634	Expansion Plug	8	M-3055146	Connecting Rod Bearing - .010"	7
M-3007635	Expansion Plug	8	M-3055147	Connecting Rod Bearing - .020"	7
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M-3007759	Injector Tube O-Ring	8	M-3055149	Connecting Rod Bearing - .040"	7
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