



REPLACEMENT PARTS FOR

CUMMINS®

N14 ENGINE APPLICATION



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TABLE OF CONTENTS

Accessory Drive	12
Air Compressor	20
CamFollower	9
Camshaft	9
Cooling System	19
Crankshaft, Seals & Damper	9
CPL Reference	4-6
Cylinder Components	7
Cylinder Head Components	8
Electronic Fuel Injector Components.	15-16
Electronic Fuel Injector Kits	16
Engine Bearings	9
Engine Kits Special	6
Engine Sensors	20
Fuel Injectors	13
Fuel Injector Seals	16
Fuel System	13
Gasket Listing	21
Gasket Sets	8
Liner Flange Seal Rings	8
Lubrication System	18
Rocker Cover, Rocker Box & Push Tubes	12
STC Injector Components	17
Turbocharger Components	29
Turbochargers	19-20
Numerical Index	22-26

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N14 CPL REFERENCE

§ = STC Engine

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

All manufacturer's names, symbols and descriptions are used for reference only and it is not implied that any part is the product of these manufacturers.

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N14 CPL REFERENCE

§ = STC Engine

CPL #	Model	App. Code	Piston Kit	Cyl Kit	Inframe Kit	Injector	Turbo
1809	N14-410/435/445E	94 A	3803741	3803742	4024880	3411760	3800395
1831	N14-430/460E	91 A	3803754	3803755	4024877	3652542	3804308
1833	N14-330/350E		3803739	3803740	4024881	3411765	3804805
1844	N14-410 to 500E	94 A	3803741	3803742	4024880	3411760	3800419
1844	N14-410 to 500E	94 A	3803741	3803742	4024880	3411760	3800395
1852	N14-500E		3803741	3803742	4024880	3411760	3800419
1878§	N14-430		3803758	3803759	4024878	3078195	3804801
1896	N14-410/435/460/500E		3803741	3803742	4024880	3411760	3800419
1896	N14-410/435/460/500E		3803741	3803742	4024880	3411760	3800395
1921§	NTA14-C	C	3803741	3803742	4024880	3084891	3804565
1924	N14-525CE	C	3803741	3803742	4024880	3411764	3804738
1944	N14-430/460E		3803754	3803755	4024877	3652542	3804308
1956§	N14-350/370		3803758	3803759	4024878	3078194	3804800
1957§	N14-410		3803758	3803759	4024878	3078195	3804801
1987	N14-350ESP		3803741	3803742	4024880	3411760	3800419
2003	N14-500E		3803741	3803742	4024880	3411763	3800419
2025	N14-525E +	A	3803741	3803742	4024880	3411763	3804502
2026	N14-475E +	A	3804630	3804636	4024879	3411760	3804502
2027	N14-425E +	A	3803739	3803740	4024881	3411761	3804807
2033§	NTA14-C	C	3803741	3803742	4024880	3095023	3804566
2033§	NTA14-C	C	3803741	3803742	4024880	3095023	3804569 Wet
2038§	NTA14-C	C	3803739	3803740	4024881	3095055	3804567
2038§	NTA14-C	C	3803739	3803740	4024881	3095055	3804570 Wet
2143	N14-525E		3803741	3803742	4024880	3411764	3804502
2228	N530E	A	3803741	3803742	4024880	3411764	3804502
2261	N14-525CE +	C	3803741	3803742	4024880	3411764	3804738
2287§	NTA14-G	G	3803741	3803742	4024880	3084891	3804565 Wet
2306	N530E	A	3803741	3803742	4024880	3411760	3804502
2330§	NTA14-C	C	3803739	3803740	4024881	3349821	3804805
2330§	NTA14-C	C	3803739	3803740	4024881	3349821	353918 Wet
2388	N14E-R	R	3803741	3803742	4024880	3411760	3804502
2389	NTA14-E		3803739	3803740	4024881	3411381	3804807
2390	N14-370/475E +		3803741	3803742	4024880	3411766	3804502
2391	NTA14-E		3803741	3803742	4024880	3411767	3804502
2398	N14-475E +		3804630	3804636	4024879	3411762	3804502
2403	N14-480CE	C	3803741	3803742	4024880	3088178	3804565
2453§	NTA14-M	M	3803741	3803742	4024880	3084891	3804567
2453§	NTA14-M	M	3803741	3803742	4024880	3084891	3804570 Wet
2492	N530E	A	3803741	3803742	4024880	3411760	3804502
2529§	NTA14-M	M	3803741	3803742	4024880	3084891	3804567
2529§	NTA14-M	M	3803741	3803742	4024880	3084891	3804570 Wet
2575§	N14-R	R	3803739	3803740	4024881	3095055	3804502
9951	N14-525CE +	C	3803741	3803742	4024880	3411764	3804738
9951	N14-525CE +	C	3803741	3803742	4024880	3411764	3537962 Wet

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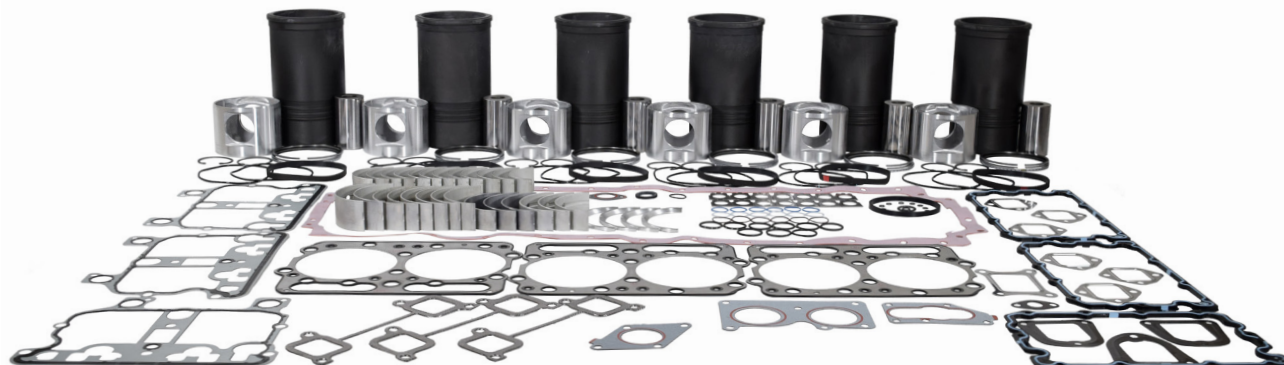
N14 CPL REFERENCE

§ = STC Engine

CPL #	Model	App. Code	Piston Kit	Cyl Kit	Inframe Kit	Injector	Turbo
2590	NTA14-E		3803739	3803740	4024881	3411765	3804507
2591	N14-475E +		3803741	3803742	4024880	3411766	3804502
2592	NTA14-E		3803741	3803742	4024880	3411767	3804502
2659	N14-525CE +	C	3803741	3803742	4024880	3411764	3804738
2659	N14-525CE +	C	3803741	3803742	4024880	3411764	3537962 Wet
2861§	N14-M	M	3803741	3803742	4024880	3084891	4024500
2862§	N14-M	M	3803741	3803742	4024880	3084891	4024500
3359§	N14-C	C	3803741	3803742	4024880	4902783	3804565
3678§	NTA14-RG2	R	3803741	3803742	4024880	3084891	3804565
4260§	QSN14-C	C	3803741	3803742	4024880	3411760	
4376§	QSN14	R	3803741	3803742	4024880	3411760	3804502
8023§	N14-R	R	3803741	3803742	4024880	3084891	3804565
8433§	NTA14-G3	G	3803741	3803742	4024880	4902783	3804565
9921	N14-480CE	C	3803741	3803742	4024880	3411764	3804738
9921	N14-480CE	C	3803741	3803742	4024880	3411764	3537962 Wet
9925	N14-525CE +	C	3803741	3803742	4024880	3411764	3804738

ENGINE KITS

Part #	QTY	Description	Comment
4955558	1	Inframe Kit - .020"/.040"	4955555 Cylinder Kit
4955559	1	Inframe Kit - .020"/.040"	4955556 Cylinder Kit
4955560	1	Inframe Kit - .020"/.040"	4955557 Cylinder Kit
P024244	1	Re-Ring Inframe Kit - 14L	w/o Crown & Skirt
P024245	1	Re-Ring Inframe Kit - 14L	w/ Skirt w/o Crown



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CYLINDER COMPONENTS

Part #	QTY	Description	Comment
3803755	6	Cylinder Kit - Anodized Celest	Piston (3081268)
3803759	6	Cylinder Kit - Anodized STC	Piston (3081269)
3803740	6	Cylinder Kit - Articulated	Crown (3087635)
4955557	6	Cylinder Kit - Articulated	Crown (3087635) .020/.040
3803742	6	Cylinder Kit - Articulated	Crown (3087634)
4955556	6	Cylinder Kit - Articulated	Crown (3087634) .020/.040
3804636	6	Cylinder Kit - Articulated	Crown (3865113)
4955555	6	Cylinder Kit - Articulated	Crown (3865113) .020/.040
3803754	6	Piston Kit - Anodized Celest	Piston (3081268)
3803758	6	Piston Kit - Anodized STC	Piston (3081269)
3803739	6	Piston Kit - Articulated	Crown (3087635)
3803741	6	Piston Kit - Articulated	Crown (3087634)
3804630	6	Piston Kit - Articulated	Crown (3865113)
P024222	6	Piston Skirt	
3801826	6	Liner Kit - STD	(3055099) w/ Liner Seals
3803219	6	Liner Kit - 20/40 OS	(3065405) w/ Liner Seals
3800174	6	Cylinder Liner Seal Kit	
215090	6	Crevice Seal	Included in 3800174 Kit
3032874	12	Liner O-Ring	Included in 3800174 Kit
4089489	6	Piston Ring Set	(3804500)
3064304	6	Piston Pin	
3064305	12	Piston Pin Retainer	
4058947	6	Piston Cooling Nozzle	91N14 & Up
4058941	6	Nozzle O-Ring	91N14 & Up



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LINER FLANGE SEAL RINGS

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

GASKET SETS

Part #	QTY	Description	Comment
4089368	1	Upper Set	STC
4089371	1	Upper Set	Electronic
4089368EB	1	Upper Set w/Brake Gaskets	STC
4089371EB	1	Upper Set w/Brake Gaskets	Electronic
4089369	1	Upper Set - Single Head	STC
4089370	1	Upper Set - Single Head	Electronic w/ 6 Exhaust Gaskets
4089372	1	Upper Set - Single Head	Electronic w/ 3 Exhaust Gaskets
JB11858	1	Engine Brake Gasket Set	
4025069	1	Lower Set	91N14 & STC Construction
4025068	1	Lower Set	94N14 & Up
3804303	1	Oil Pan Gasket Set	
P024221	6	Injector Seal Kit	Electronic
P024154	1	Gear Cover Gasket Set	91N14 1.5" Drive Shaft
P024156	1	Gear Cover Gasket Set	94N14 & Up 2.0" Drive Shaft
P024145	1	Oil Cooler Gasket Set	Core Replacement
P024146	1	Oil Cooler Gasket Set	Assembly Overhaul

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ENGINE BEARINGS

Part #	QTY	Description	Comment
3055145	12	Connecting Rod Bearing - STD	
3055146	12	Connecting Rod Bearing - .010" OS	
3055147	12	Connecting Rod Bearing - .020" OS	
3055148	12	Connecting Rod Bearing - .030" OS	
3055149	12	Connecting Rod Bearing - .040" OS	
3801260	1	Main Bearing Set - STD	
3801261	1	Main Bearing Set - .010" OS	
3801262	1	Main Bearing Set - .020" OS	
3801263	1	Main Bearing Set - .030" OS	
3801264	1	Main Bearing Set - .040" OS	
3801106	1	Camshaft Bearing Set	
3011951	1	Camshaft Bushing*	#7
3028075	4	Camshaft Bushing*	#1,2,4,6
3028269	2	Camshaft Bushing*	#3,5
3011952	1	Camshaft Cup Plug	At rear of Cylinder Block
3064295	6	Connecting Rod Bushing	
P024145	1	Oil Cooler Gasket Set	Core Replacement
P024146	1	Oil Cooler Gasket Set	Assembly Overhaul

*Note= Included in Camshaft Barking Kit

CRANKSHAFT, SEALS & DAMPER

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

Always verify ESN for proper fitment.

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CYLINDER HEAD COMPONENTS

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

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CAMSHAFT

Part #	Qty	Description	Note
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
3803738	1	Camshaft - 94N14 & N14Plus	CPL=1807, 1809, 1833, 1844, 1852, 1896, 1987, 2003, 2025, 2026, 2143, 2306, 2388, 2389, 2398, 2492, 2590
4024849	1	Camshaft - N14Plus	
215233	1	Thrust Washer	
3008530	1	Camshaft Support	
AR1176	1	Camshaft Support Shim Kit	
215705	1		
3011952	1	Block Plug	
P024154	1	Gear Cover Gasket Set	
P024156	1	Gear Cover Gasket Set	

CAM FOLLOWER

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

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ROCKER COVER, ROCKER BOX & PUSH TUBES

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

ACCESSORY DRIVE

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

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FUEL SYSTEM

PART #	QTY	DESCRIPTION	CORE	COMMENT
4024808	1	Shutdown Solenoid	12V Single Pole	Electronic
				Electronic
3803282	1	STC Valve Repair Kit		Electronic
				Electronic
3803478	1	Fuel Pump Seal & Gasket Kit	Step Bore Housing	Electronic
3803477	1	Fuel Pump Oil Seal Kit		Electronic
				Electronic
4026171	1	Fuel Pump Mounting Gasket		Electronic
				Electronic
3034243	1	Gear Fuel Pump	¾" - STC	Electronic
4010324	1	Gear Fuel Pump	1¼"	Electronic
4954880	1	Gear Fuel Pump - 2.0 Type	Internal Cooling	
3824010	6	Electrical Injector Connector		
3928624	6	Connector Seal Ring		

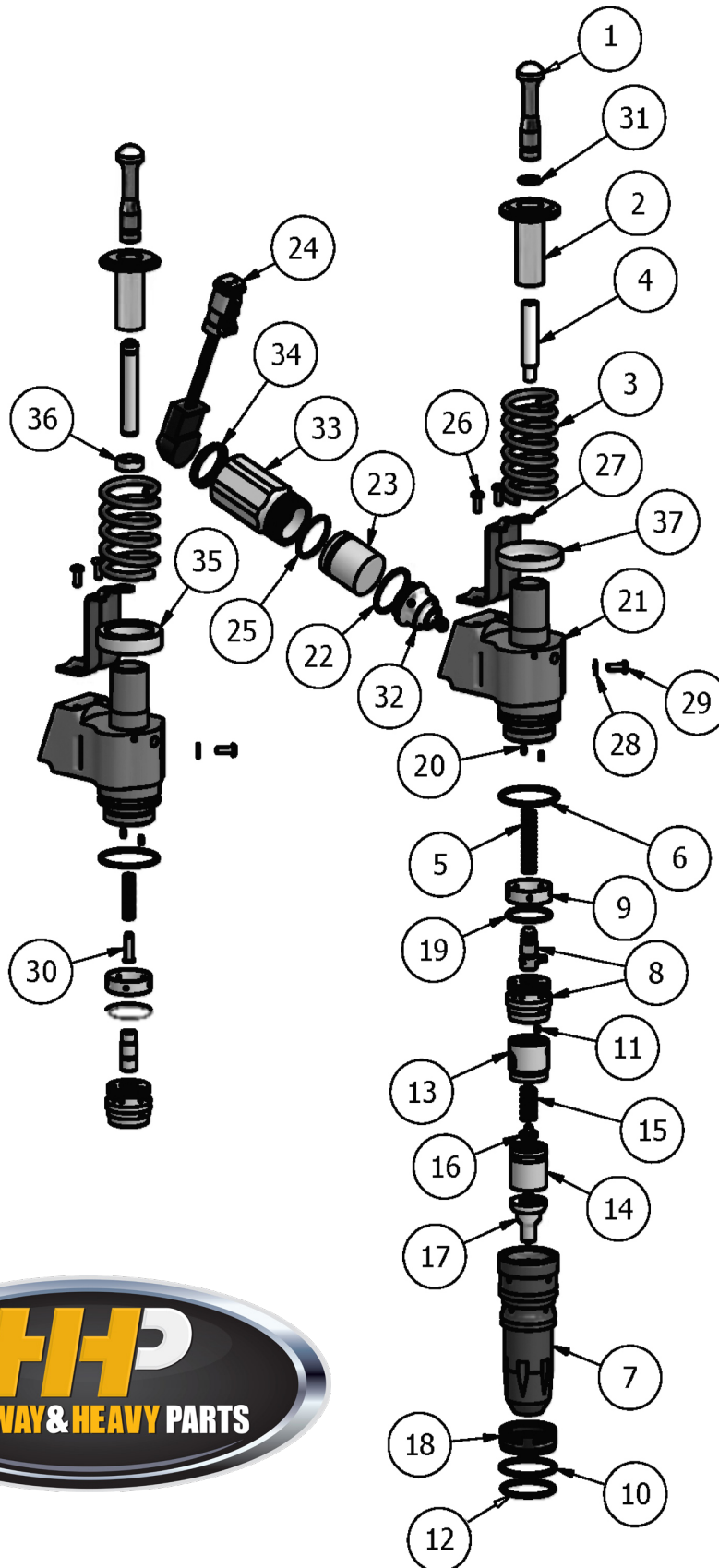
FUEL INJECTORS

PART #	QTY	DESCRIPTION	CORE	COMMENT
3411759	6	Injector - Rebuilt	C-CELLECT3	Electronic
3411760	6	Injector - Rebuilt	C-CELLECT3	Electronic
3411761	6	Injector - Rebuilt	C-CELLECT3	Electronic
3411762	6	Injector - Rebuilt	C-CELLECT3	Electronic
3411763	6	Injector - Rebuilt	C-CELLECT3	Electronic
3411764	6	Injector - Rebuilt	C-CELLECT3	Electronic
3411765	6	Injector - Rebuilt	C-CELLECT3	Electronic
3411766	6	Injector - Rebuilt	C-CELLECT3	Electronic
3411767	6	Injector - Rebuilt	C-CELLECT3	Electronic
3652541	6	Injector - Rebuilt	C-CELLECT1	Electronic
3652542	6	Injector - Rebuilt	C-CELLECT1	Electronic
4954880	1	Gear Fuel Pump - 2.0 Type	Internal Cooling	
3824010	6	Electrical Injector Connector		
3928624	6	Connector Seal Ring		



Always verify ESN for proper fitment.

TYPICAL CELECT INJECTOR



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ELECTRONIC FUEL INJECTOR COMPONENTS

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

CAUTION: Piston kits above must be used in full engine sets and cannot be mixed in an engine.
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ELECTRONIC FUEL INJECTOR COMPONENTS

FIG. A	PART #	DESCRIPTION	NOTE	QTY
22	3034408	Control Valve O-Ring		1
23	3811021	Solenoid		1
24	3076256	Wiring Harness		1
25	3075658	Solenoid O-Ring		1
26	3075613	Socket Head Cap Screw		2
27	3080766	Coupling Retainer		1
28	3080421	Sealing Washer		1
29	3075613	Socket Head Cap Screw		1
30	7991066	Plunger Spring Guide		1
31	3072486	Link Retainer		1
32	7991123	Control Valve Assembly		1
33	7991089	Solenoid Nut		1
34	7991091	Retaining Ring		1
35	3080767	Spacer	91N14 for 3652541 & 3652542	1
36	7991026	Plunger Spacer	91N14 for 3652541 & 3652542	1
37	3411775	Spring Retainer		1

ELECTRONIC FUEL INJECTOR KITS

PART #	DESCRIPTION	CONTAINS REFERENCE NUMBER IN FIG. A	QTY
P024221	External O-Ring Kit	6, 10, 12	1
P024162	External O-Ring Kit & Filter	6, 10, 12, 18	1
P024160	O-Ring & Hardware Kit	6, 10, 12, 19, 22, 26, 28, 29	1
P024164	Injector Repair Kit	5, 6, 10, 12, 11, 15, 18, 19, 22, 25, 26, 28, 29	1
P024172	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
193736	18	O-Ring Injector Body	STC
3001340	6	O-Ring Seal	Oil Tube to Cylinder Head Rail
3052587	6	O-Ring Seal	Oil Tube to Fuel Injector
3050867	6	Grommet Seal	Oil Tube to Top of Cylinder Head
P024221	6	Injector Seal Kit	Electronic – External O-Ring
P024162	6	Injector Seal Kit & Filter	Electronic – Installation
P024164	6	Injector Repair Kit - Minor	Seals & Springs
P024172	6	Injector Repair Kit - Major	Seals, Springs, Spring Retainer & Wire Harness
3076256	6	Wire Harness	

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STC INJECTOR COMPONENTS

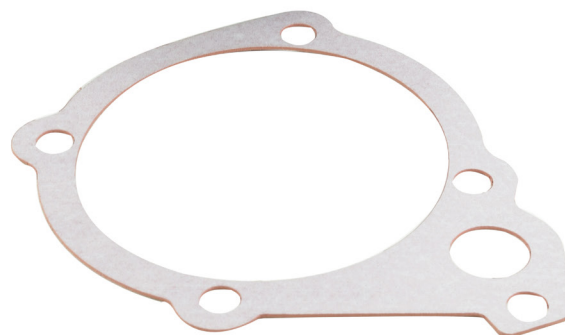
DESCRIPTION	PART #	3078194	3078195	3078196	3078197	3078198	3084891	3095023	3095055	3349821
Link Retainer	3052231	X	X	X	X	X	X	X	X	X
Tappet - HVT	3075383	X	X	X	X	X	X	X	X	X
Tappet Repair Kit	3804700	X	X	X	X	X	X	X	X	X
Injector Stop Screw	3055742	X	X	X	X	X	X	X	X	X
Spring Retainer	3066707	X	X	X	X	X				
Spring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

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LUBRICATION SYSTEM

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



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COOLING SYSTEM

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

TURBOCHARGERS

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

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TURBOCHARGER COMPONENTS

Part #	Qty	Description	Note
3801523	1	Bearing & Seal Kit	BHT3C models
3801522	1	Seal Kit	BHT3C models
3069177	1	Mounting Gasket	
201048	1	Oil Pan Drain Gasket	
3037537	1	O-Ring Oil Feed	
3056158	4	Mounting Nut	3/8-24 UNF

AIR COMPRESSOR

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

ENGINE SENSORS

Part #	Qty	Description	Note
4984223	1	Sensor - Position	
4076493	1	Sensor - Pressure	
4902720	1	Sensor - Pressure	
4921487	1	Sensor - Pressure	
4921493	1	Sensor - Pressure	
4921501	1	Sensor - Pressure	
3085185	1	Sensor - Temperature	
3865312	1	Sensor - Temperature	
4954905	1	Sensor - Temperature	

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GASKET LISTING

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

INDEX

Part #	Description	Page #	Part #	Description	Page #
7991016	Groove Pin	15	3006743	Rear Crankshaft Repair Sleeve	9
7991019	Injector Body	15	3007634	Expansion Plug	10
7991021	Plunger Coupling Spring	15	3007635	Expansion Plug	10
7991022	Upper Plunger – Female	15	3007636	Expansion Plug	10
7991025	Injector Body	15	3007759	Injector Tube O-Ring	10
7991026	Plunger Spacer	16	3008530	Camshaft Support	11
7991066	Plunger Spring Guide	16	3008591	Intake Manifold Gasket	21
7991089	Solenoid Nut	16	3008706	Orifice Plug Screen	17
7991091	Retaining Ring	16	3008947	Keyway Seal	12
7991093	Plunger and Barrel – Female	15	3010146	Regulator Plunger Spring	18
7991123	Control Valve Assembly	16	3011951	Camshaft Bushing	9
101918	Jaw Hub Coupling	12	3011952	Camshaft Cup Plug	9, 11
109080	O-Ring Seal	18	3012526	Pulley Nut	12
119810	Piston Pin	20	3013331	Valve Lever Pin	11
131026	Fuel Crossover O-Ring	10	3014778	Oil Pump Cover Gasket	21
132770	Drive Bushing	12	3018151	Connecting Rod	20
135308	Fuel Cover Plate	10	3019959	Seal Ring - .0310" Thick	8
142689	Gear	12	3019960	Seal Ring - .0620" Thick	8
147100	Fuel Crossover	10	3020183	Front Crankshaft Seal	9
157551	Oil Transfer Tube Gasket	18, 21	3020943	Exhaust Manifold Gasket	21
167157	Check Ball	17	3023473	Accessory Drive Pulley	12
170664	Spline Coupling Washer	12	3023478	Compression Spring - Large OD	17
173086	Orifice Plug Gasket	17	3023934	Adaptor Injector Body	17
174299	Screen Retainer	17	3027106	Dowel	10
185138	Cup Retainer	17	3028075	Camshaft Bushing	9
186780	Thermostat Seal	19, 21	3028269	Camshaft Bushing	9
193136	Washer	12	3029847	Oil Transfer Tube O-Ring	18, 21
193736	O-Ring Injector Body	16, 21	3030257	Oil Pan	18
199349	Sleeve Coupling	22	3032874	Liner O-Ring	7
201048	Turbo Oil Drain Gasket	20, 21	3034167	Compression Spring - Small OD	17
203426	Roll Pin	17	3034243	Gear Fuel Pump	13
203933	Shaft Plug	12	3034408	Control Valve O-Ring	16
204165	Vibration Damper Bolts	9	3034438	Groove Pin	12
205401	Shaft Plug	11	3034986	Oil Transfer Tube Seal	18, 21
215090	Crevice Seal	7	3036933	Valve Lever Roller	11
215233	Thrust Washer	11	3037537	Turbo Oil Feed O-Ring	20, 21
215705	Cam Support O-Ring	11, 21	3046200	Spider Coupling	12
217638	Belt	19	3046947	Oil Pan	18
3000171	Drive Shaft	12	3050867	Grommet Seal	16
3000173	Spline Coupling Bolt	12	3052218	Spring Retainer	17
3000174	Spline Coupling	12	3052231	Link Retainer	17
3001340	O-Ring Seal	16	3052587	O-Ring Seal	16
3004316	Oil Seal	12	3054590	Intake Seat - 30°	10
3006737	Rear Crankshaft Seal	9			
3006738	Rear Crankshaft Seal	9			
3006742	Front Crankshaft Repair Sleeve	9			

INDEX

Part #	Description	Page #	Part #	Description	Page #
3054948	Seal Ring - .0205" Thick	8	3067426-1	Valve Spring Retainer	15
3054999	Orifice Plug Screen	17	3067613	Oil Pump Mounting Gasket	18, 21
3055069	Magnetic Drain Plug	18	3067616	Rear Crankshaft Cover Gasket	19, 21
3055145	Connecting Rod Bearing - STD	9	3067932	Injector Push Rod	12
3055146	Connecting Rod Bearing - .010"	9	3068135	Brake Mounting Gasket	12
3055147	Connecting Rod Bearing - .020"	9	3068466	Hand Hole Gasket	21
3055148	Connecting Rod Bearing - .030"	9	3068473	Housing Gasket - .032"	11, 21
3055149	Connecting Rod Bearing - .040"	9	3068474	Housing Gasket - .037"	11
3055742	Injector Stop Screw	17	3068475	Housing Gasket - .042"	11
3056158	Mounting Nut	20	3068476	Housing Gasket - .047"	11
3058462	Bushing Valve Rocker Arm	12	3068477	Housing Gasket - .052"	11
3059408	Oil Cooler Thermostat	18	3068510	Turbo Intake Seal	21
3060614	Compression Spring - Small OD	17	3068527	Piston Nozzle O-Ring	21
3060615	Compression Spring - Large OD	17	3068959	Barrel O-Ring	15
3064281	Valve Guide Seal	10	3069101	Accessory Drive Gasket	21
3064291	Crankshaft	9	3069102	Air Compressor Gasket	21
3064295	Connecting Rod Bushing	9	3069103	Fuel Pump Mounting Gasket	21
3064304	Piston Pin	7	3069177	Turbo Mounting Gasket	20, 21
3064305	Piston Pin Retainer	7	3069678	Mounting Gasket	18
3064309	Roll Pin	11	3069692	Exhaust Seat - 30°	10
3064312	Valve Guide - STD	10	3069707	Plunger & Barrel	17
3064313	Thermostat Housing Gasket	19, 21	3069764	Injector Cup	17
3064621	Socket	11	3070113	Injector Sleeve	25
3065406	Seal Ring - .020" Thick	8	3070136	Injector O-Ring - Top	15, 21
3066211	Outlet Seal	21	3070137	Injector O-Ring - Middle	15, 21
3066285	Thermostat Housing Gasket	19, 21	3070138	Injector O-Ring - Bottom	15, 21
3066291	Valve Push Rod	12	3070184	Cup Retainer	15
3066298	Support Gasket	18	3070460	Valve Spring	10
3066311	Rocker Cover Gasket	12	3070477	Support Gasket	18
3066330	Idler Assembly	19	3070478	Oil Filter Head Gasket	21
3066693	Cup Retainer	17	3070486	Injector Tube - STD	10
3066695	Adaptor Injector Body	17	3071075	Head Bolt Washer	10
3066707	Spring Retainer	17	3071147	Injector Tube - Thicker Nose	10
3066736	Valve Spring Housing	15	3071161	Head Bolt	10
3066738	Valve Spring	15	3071648	Injector Cup	17
3066843	Seal Ring - .018" Thick	8	3071967	Filter Screen	15
3066844	Seal Ring - .022" Thick	8	3072341	Thermostat Gasket	18
3067426	Valve Spring Retainer	15	3072369	Valve Lock	10
3067426+1	Valve Spring Retainer	15	3072375	O-Ring Seal	18
			3072485	Injector Plunger Link	15

INDEX

Part #	Description	Page #
3072486	Link Retainer	16
3072819	Spring Housing Spacer	15
3072820	Spring	15
3072821	Spring Guide	15
3072822	Socket Set Screw	15
3072823	Spring Housing Spacer Assy	15
3073244	Cup Retainer	15
3073499	Injector Push Rod	12
3073570	Injector Cup	17
3073573	Injector Cup	17
3073575	Injector Cup	17
3074253	Injector Cup	17
3074375	Rocker Shaft	12
3074376	Rocker Shaft	12
3075383	Tappet - HVT	17
3075613	Socket Head Cap Screw	16
3075658	Solenoid O-Ring	16
3076068	Ball Check	15
3076071	Spray Tip Assembly	15
3076225	Gasket	12
3076226	Gasket	12
3076256	Wire Harness	16
3076489	Thermostat - 180°	19
3076500	Drive Shaft	12
3076515	Exhaust Seat - 30°	10
3076522	Water Pump Gasket	21
3078226	Injector Plunger Lin	15
3078307	Accessory Drive Assembly	12
3078310	Gear	12
3080421	Sealing Washer	16
3080766	Coupling Retainer	16
3080767	Spacer	16
3081342	Plunger Coupling	15
3081371	Upper Plunger Spring - Female	15
3081388	Upper Plunger Spring - Male	15
3083863	Plunger Coupling	15
3084020	Intake Seat - 20°	10
3084041	Exhaust Seat - 45°	10
3084892	Plunger & Barrel	17
3084895	Injector Cup	17
3085185	Sensor - Temperature	20
3087552	Upper Plunger - Male	15

Part #	Description	Page #
3087791	Spray Tip Assembly	15
3088175	Spray Tip Assembly	15
3095024	Injector Cup	17
3099083	Oil Pan Gasket	18, 21
3101655	Vibration Damper	9
3161423	Injector Lever Roller	11
3166388	Injector Lever Pin	11
3166428	Valve Lever Pin	11
3349822	Injector Cup	17
3406702	Injector Tube - STD	10
3409978	Spray Tip Assembly	15
3411335	Thermostat - 180°	19
3411340	Plunger Coupling Spring	15
3411388	Spray Tip Assembly	15
3411389	Drive Bushing	12
3411690	Spray Tip Assembly	15
3411694	Spray Tip Assembly	15
3411711	Plunger and Barrel - Male	15
3411775	Spring Retainer	16
3412922	Injector Lever Pin	11
3413091	Oil Cooler	18
3537962	Turbocharger	5, 6, 19
353918	Turbocharger	5, 19
3558515	Hydraulic Pump Gasket	21
3558754	Piston Pin Retainer	20
3609852	Spray Tip Assembly	15
3609855	Spray Tip Assembly	15
3609861	Spray Tip Assembly	15
3800174	Cylinder Liner Seal Kit	7
3800395	Turbocharger	5, 19
3800419	Turbocharger	4, 5
3800616	Oil Seal	12
3800617	Oil Seal & Sleeve	12
3800855	Camshaft - STC Engines	11
3800891	Exhaust Valve Kit - 45°	10
3801106	Camshaft Bearing Set	9
3801260	Main Bearing Set - STD	9
3801261	Main Bearing Set - .010" OS	9
3801262	Main Bearing Set - .020" OS	9
3801263	Main Bearing Set - .030" OS	9
3801264	Main Bearing Set - .040" OS	9
3801522	Seal Kit	20

INDEX

Part #	Description	Page #	Part #	Description	Page #
3801523	Bearing & Seal Kit	20	3804738	Turbocharger	5, 6, 19
3801728	Head Repair Kit	20	3804800	Turbocharger	4, 5, 19
3801733	Head Repair Kit	20	3804801	Turbocharger	19
3801826	Liner Kit - STD	7	3804805	Turbocharger	19
3803219	Liner Kit - 20/40 OS	7	3804807	Turbocharger	5, 19
3803282	STC Valve Repair Kit	13	3811021	Solenoid	16
3803360	Intake Valve Kit - 30°	10	3824010	Electrical Injector Connector	13
3803369	Oil Pump	18	3865195	Thermostat Housing Gasket	19, 21
3803477	Fuel Pump Oil Seal Kit	13	3865235	Exhaust Manifold Gasket	21
3803478	Fuel Pump Seal & Gasket Kit	13	3865236	Thermostat Housing Gasket	19, 21
3803605	Water Pump Assembly	19	3865237	Valve Lever Roller	11
3803612	Water Pump Repair Kit - Minor	19	3865312	Sensor - Temperature	20
3803614	Water Pump Repair Kit - Major	19	3884126	Regulator Plunger	18
3803698	Oil Pump	18	3928624	Connector Seal Ring	13
3803726	Exhaust Valve Kit - 30°	10	4010324	Gear Fuel Pump	13
3803738	Camshaft - 94N14 & N14Plus	11	4024500	Turbocharger	6, 19
3803739	Piston Kit - Articulated	4-7	4024808	Shutdown Solenoid	13
3803740	Cylinder Kit - Articulated	4-6	4024849	Camshaft - N14Plus	11
3803741	Piston Kit - Articulated	4-7	4025068	Lower Set	8
3803742	Cylinder Kit - Articulated	4-6	4025069	Lower Set	8
3803754	Piston Kit - Anodized Select	4, 5, 7	4025325	Seal Ring - .0235" Thick	8
3803755	Cylinder Kit - Anodized Select	4, 5	4025326	Seal Ring - .0245" Thick	8
3803758	Piston Kit - Anodized STC	4, 5, 7	4025380	Seal Ring - .0225" Thick	8
3803759	Cylinder Kit - Anodized STC	4, 5, 7	4025956	Injector Lever Roller	11
3803770	Exhaust Valve Kit - 30°	10	4026171	Fuel Pump Mounting Gasket	13
3803854	Intake Valve Kit - 20°	10	4026228	Valve Spring Guide - Retainer	10
3803930	Piston Kit - STD	20	4058790	Cylinder Head Gasket	21
3803931	Piston Kit - .010" OS	20	4058941	Nozzle O-Ring	7, 18
3803932	Piston Kit - .020" OS	20	4058947	Piston Cooling Nozzle	7, 18
3803933	Piston Kit - .030" OS	20	4058949	Gear Cover Gasket	21
3804303	Oil Pan Gasket Set	8	4058981	Rocker Box Gasket	12, 21
3804308	Turbocharger	4, 5, 19	4076493	Sensor - Pressure	20
3804502	Turbocharger	5, 6, 19	4089368	Upper Set	8
3804507	Turbocharger	6, 19	4089368EB	Upper Set w/Brake Gaskets	8
3804565	Turbocharger	5, 6, 19	4089369	Upper Set - Single Head	8
3804566	Turbocharger	5, 19	4089370	Upper Set - Single Head	8
3804567	Turbocharger	5, 19	4089371	Upper Set	8
3804568	Turbocharger	19	4089371EB	Upper Set w/Brake Gaskets	8
3804569	Turbocharger	5, 19	4089372	Upper Set - Single Head	8
3804570	Turbocharger	5, 19	4089489	Piston Ring Set	7
3804630	Piston Kit - Articulated	5, 7	43463A	Thermostat Housing O-Ring	19, 21
3804636	Cylinder Kit - Articulated	5, 7	4902720	Sensor - Pressure	20
3804700	Tappet Repair Kit	17	4920093	Engine Brake Gasket	21
			4921487	Sensor - Pressure	20

INDEX

Part #	Description	Page #	Part #	Description	Page #
4921493	Sensor - Pressure	20	P024156	Gear Cover Gasket Set	8, 11
4921501	Sensor - Pressure	20	P024160	O-Ring & Harware Kit	16
4954880	Gear Fuel Pump - 2.0 Type	13	P024162	Injector External Seal Kit & Filter	16
4954905	Sensor - Temperature	20	P024164	Injector Repair Kit - Minor	16
4955555	Cylinder Kit - Articulated	6, 7	P024172	Injector Repair Kit - Major	16
4955556	Cylinder Kit - Articulated	6, 7	P024221	Injector External Seal Kit	8, 16
4955557	Cylinder Kit - Articulated	6, 7	P024222	Piston Skirt	7
4955558	Inframe Kit - .020"/.040"	6	P024244	Re-Ring Inframe Kit - 14L	6
4955559	Inframe Kit - .020"/.040"	6	P024245	Re-Ring Inframe Kit - 14L	6
4955560	Inframe Kit - .020"/.040"	6	JB11858	Engine Brake Gasket Set	8
4973373	Thermostat - 180°	19	S911B	Pipe Plug	10
67946	Oil Pan Drain Plug Gasket	18, 21	3411759	Injector - Rebuilt	4, 13, 15
68445	Groove Pin	10	3411760	Injector - Rebuilt	4-6, 13
70550	Dowel Pin	12	3411761	Injector - Rebuilt	5, 13, 15
70772	Fuel Crossover Screw	10	3411762	Injector - Rebuilt	5, 13, 15
AR10922	Crankshaft	20	3411763	Injector - Rebuilt	5, 13
AR1176	Camshaft Support Shim Kit	11	3411764	Injector - Rebuilt	5, 6, 13
AR12719	Valve Repair Kit	20	3411765	Injector - Rebuilt	5, 6, 13, 15
P024145	Oil Cooler Core Gasket Set	8, 9	3411766	Injector - Rebuilt	5, 6, 13, 15
P024146	Oil Cooler Assembly Gasket Set	8, 9	3411767	Injector - Rebuilt	5, 6, 13, 15
P024154	Gear Cover Gasket Set	8, 11	3652541	Injector - Rebuilt	4, 13, 15, 16
			3652542	Injector - Rebuilt	4, 5, 13, 15, 16



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