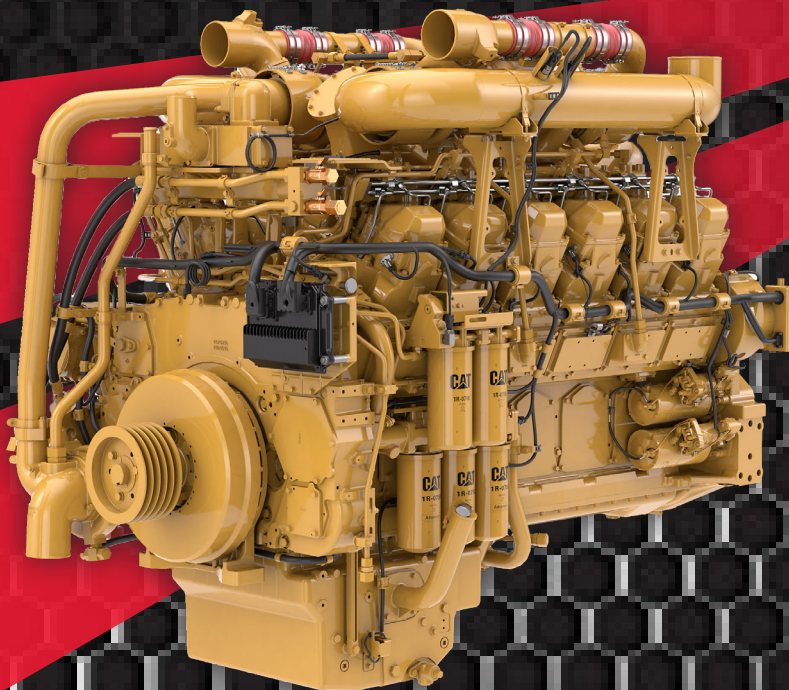




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Caterpillar®

3500 SERIES ENGINES



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DIESEL STANDARD DISPLACEMENT MODELS

PART #	3508	3512	3516	3520	DESCRIPTION	NOTE
CK2995204P	8	12	16		Cylinder Kit - 1pc Steel Piston	14.0:1 Ratio
CK3145005P	8	12	16		Cylinder Kit - 1pc Steel Piston	13.5:1 Ratio
CK3145006P	8	12	16		Cylinder Kit - 1pc Steel Piston	14.7:1 Ratio
CK7C2431P	8	12	16		Cylinder Kit - Aluminum Piston	13.0:1 Ratio - Dual Insert
CK9Y2100P	8	12	16		Cylinder Kit - Aluminum Piston	13.0:1 Ratio - Dual Insert
CK9Y4124P	8	12	16		Cylinder Kit - Aluminum Piston	13.0:1 Ratio - Dual Insert

DIESEL HIGH DISPLACEMENT MODELS

PART #	3508	3512	3516	3520	DESCRIPTION	NOTE
CK3319822P		12	16		Cylinder Kit - 1pc Steel Piston	15.5:1 Ratio
CK3393027P		12	16		Cylinder Kit - 1pc Steel Piston	14.7:1 Ratio

SPARK IGNITED MODELS

PART #	3508	3512	3516	3520	DESCRIPTION	NOTE
CK7E7600P	8	12	16		Cylinder Kit - Aluminum Piston	9.0:1 Ratio - Dual Insert
CK1014140P	8	12	16		Cylinder Kit - Aluminum Piston	8.0:1 Ratio - Dual Insert
CK1973765P	8	12	16		Cylinder Kit - Aluminum Piston	11.0:1 Ratio - Dual Insert
CK3767655P			16	20	Cylinder Kit - Aluminum Piston	11.3:1 Ratio - Single Insert
CK4860883P	8	12	16		Cylinder Kit - Aluminum Piston	8.0:1 Ratio - Dual Insert
CK4955305P	8	12	16		Cylinder Kit - Aluminum Piston	12.0:1 Ratio - Single Insert

POWER CYLINDER COMPONENTS

PART #	3508	3512	3516	3520	DESCRIPTION	NOTE
2995204	8	12	16		Forged Steel Piston - Diesel	14.0:1 Ratio
3145005	8	12	16		Forged Steel Piston - Diesel	13.5:1 Ratio
3145006	8	12	16		Forged Steel Piston - Diesel	14.7:1 Ratio
3319822		12	16		Forged Steel Piston - Diesel HD	15.5:1 Ratio
3393027		12	16		Forged Steel Piston - Diesel HD	14.7:1 Ratio
7C2431	8	12	16		Aluminum Piston - Diesel	13.0:1 Ratio - Dual Insert
9Y2100	8	12	16		Aluminum Piston - Diesel	13.5:1 Ratio - Dual Insert
9Y4124	8	12	16		Aluminum Piston - Diesel	13.5:1 Ratio - Dual Insert
7E7600	8	12	16		Aluminum Piston - Spark Ignited	9.0:1 Ratio - Dual Insert
1014140	8	12	16		Aluminum Piston - Spark Ignited	8.0:1 Ratio - Dual Insert
P205308	8	12	16		Aluminum Piston - Spark Ignited	11.0:1 Ratio - Dual Insert
3767655			16	20	Aluminum Piston - Spark Ignited	11.3:1 Ratio - Single Insert

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POWER CYLINDER COMPONENTS (CONT.)

PART #	3508	3512	3516	3520	DESCRIPTION	NOTE
4860883	8	12	16		Aluminum Piston - Spark Ignited	8.0:1 Ratio - Dual Insert
4955305	8	12	16		Aluminum Piston - Spark Ignited	12.0:1 Ratio - Single Insert
2117826	8	12	16	20	Cylinder Liner	8.3317" Flange OD
1238206	8	12	16		Cylinder Liner	8.150" Flange OD - early style
3535995	8	12	16	20	Cylinder Liner Seal Kit*	
--8N4707	8	12	16	20	1 - Filler Band	Non-Chamfered block
--3526061	8	12	16	20	1 - Filler Band	Chamfered block
--7N2046	24	36	48	60	3 - O-ring Seal	

*= Items below are contained in the kit

RS3145005	8	12	16		Ring Set - Diesel	Forged Piston
RS3319822		12	16		Ring Set - Diesel	Forged Piston HD
1N3967	8	12	16		Ring Set - Diesel	Aluminum Piston
7E2899	8	12	16		Ring Set - Spark Ignited	
RS3767655			16	20	Ring Set - Spark Ignited	
2638955	8	12	16		Piston Pin	Forged Piston
2531238	16	24	32		Piston Pin Retainer	
3023451		12	16		Piston Pin	Forged Piston High Displacement
2531238		24	32		Piston Pin Retainer	
1388506	8	12	16	20	Piston Pin	Aluminum Piston
8N7296	16	24	32	20	Piston Pin Retainer	
7N2405	16	24	32	40	Connecting Rod Bolt	

ENGINE BEARINGS

PART #	3508	3512	3516	3520	DESCRIPTION	NOTE
1077330	8	12	16	20	Connecting Rod Bearing - STD	
1077331	8	12	16	20	Connecting Rod Bearing - .025"	
1077332	8	12	16	20	Connecting Rod Bearing - .050"	
2302520		12	16		Connecting Rod Bearing - STD	High Displacement
In Development		12	16		Connecting Rod Bearing - .025"	Ref. (2832579)
In Development		12	16		Connecting Rod Bearing - .050"	Ref. (2832580)
1496031	5	7	9	11	Main Bearing - STD	
1496032	5	7	9	11	Main Bearing - .025"	
1496033	5	7	9	11	Main Bearing - .050"	
7C6209	2	2	2	2	Thrust Plate	

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ENGINE BEARINGS (CONT.)

PART #	3508	3512	3516	3520	DESCRIPTION	NOTE
7N2048	10	14	18		Camshaft Bushing	Early
1161359	10	14	18		Camshaft Bushing	Bronze - Thick
1011198	10	14	18	22	Camshaft Bushing	"B" & up
1181655	8	12	16	20	Connecting Rod Bushing	
In Development		12	16		Connecting Rod Bushing	High Displacement Ref. (3775237)
1011372	1	1	1		Cluster Gear Bushing	
1275400	1	1	1		Idler Gear Bushing	

CYLINDER BLOCK & ROCKER COVER GASKETS

PART #	3508	3512	3516	3520	DESCRIPTION	NOTE
2067030	8	12	16	20	Rocker Cover Gasket	
2965820		12	16	20	Rocker Cover Gasket	G3512/3516/3520C&E
4W3027	8	12	16	20	Breather - Crankcase	As required by application
2082362	6	10	14	10	Side Camshaft Cover Gasket	
2775833				10	Side Camshaft Cover Gasket	
2082363	8	12	16	20	Lower Block Side Cover Gasket	

CRANKSHAFT SEALS & DAMPER

PART #	3508	3512	3516	3520	DESCRIPTION	NOTE
1138432	1	1	1	1	Crankshaft Seal	CW rotation
1138433	1	1	1	1	Crankshaft Seal	CCW rotation
1933288	1	1	1	1	Vibration Damper	

CYLINDER HEAD ATTACHMENT

PART #	3508	3512	3516	3520	DESCRIPTION	NOTE
1106994	8	12	16	20	Aluminum Spacer Plate	Wide Flange
2603904	8	12	16	20	Steel Spacer Plate	
P254357	64	96	128	160	Cylinder Head Bolt Assembly*	8 Assemblies per Cylinder Head
--1310420	64	96	128	160	1 - Cylinder Head Bolt	
--1877738	64	96	128	160	1 - Hard Washer	
P254360	8	12	16	20	Cylinder Head Bolt Kit*	1 Kit per Cylinder Head
--1310420	64	96	128	160	8 - Cylinder Head Bolt	
--1877738	64	96	128	160	8 - Hard Washer	

*Items below are contained in the kit.

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CYLINDER HEAD COMPONENTS DIESEL

Contains: 3/8" Intake valves 20° | 1/2" Exhaust valves 45° | Original twist "Tall" valve springs and matching components

PART #	3508	3512	3516	DESCRIPTION	NOTE
2102542	16	24	32	Valve - Intake	Ref. (4688824)
4432712	16	24	32	Valve - Exhaust	Ref. (4688825)
2A4429	32	48	64	Valve Lock - Intake	
1977055	32	48	64	Valve Lock - Exhaust	
1339306	16	24	32	Valve Guide - Intake	
1976995	16	24	32	Valve Guide - Exhaust	
3165980	16	24	32	Valve Stem Seal - Intake	
2348776	16	24	32	Valve Stem Seal - Exhaust	As required by specific application
1302607	16	24	32	Valve Seat - Intake	Ref. (1838809)
1302608	16	24	32	Valve Seat - Exhaust	Ref. (2899745)
3165978	16	24	32	Rotocoil - Intake	
3165979	16	24	32	Rotocoil - Exhaust	
3165977	32	48	64	Valve Spring - Inner	
3165976	32	48	64	Valve Spring - Outer	
3165981	16	24	32	Valve Spring Seat	Exhaust
2657537	8	12	16	Bridge - Intake	Floating type
2657538	8	12	16	Bridge - Exhaust	

CYLINDER HEAD COMPONENTS DIESEL

Contains: 3/8" Intake valves 20° | 1/2" Exhaust valves 45° | Reverse twist "Tall" valve springs and matching components

PART #	3508	3512	3516	DESCRIPTION	NOTE
2102542	16	24	32	Valve - Intake	Ref. (4688824)
4432712	16	24	32	Valve - Exhaust	Ref. (4688825)
2A4429	32	48	64	Valve Lock - Intake	
1977055	32	48	64	Valve Lock - Exhaust	
1339306	16	24	32	Valve Guide - Intake	
1976995	16	24	32	Valve Guide - Exhaust	
1977006	16	24	32	Valve Stem Seal - Intake	
2348776	16	24	32	Valve Stem Seal - Exhaust	As required by specific application
1302607	16	24	32	Valve Seat - Intake	Ref. (1838809)
1302608	16	24	32	Valve Seat - Exhaust	Ref. (2899745)
1977062	16	24	32	Rotocoil - Intake	
1977063	16	24	32	Rotocoil - Exhaust	
1944902	32	48	64	Valve Spring - Inner	
1944901	32	48	64	Valve Spring - Outer	
2090962	16	24	32	Valve Spring Seat	Exhaust
2657537	8	12	16	Bridge - Intake	Floating type
2657538	8	12	16	Bridge - Exhaust	

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CYLINDER HEAD COMPONENTS – DIESEL

Contains: 3/8" Intake valves 20° | 3/8" Exhaust valves 45° | Original twist "Short" valve springs and matching components

PART #	3508	3512	3516	DESCRIPTION	NOTE
2102542	16	24	32	Valve - Intake	Ref. (4688824)
2102529	16	24	32	Valve - Exhaust	Ref. (4688825)
2A4429	32	48	64	Valve Lock - Intake	
2A4429	32	48	64	Valve Lock - Exhaust	
1339306	16	24	32	Valve Guide - Intake	
1339306	16	24	32	Valve Guide - Exhaust	
1977006	16	24	32	Valve Stem Seal - Intake	
2348776	16	24	32	Valve Stem Seal - Exhaust	As required by specific application
1302607	16	24	32	Valve Seat - Intake	Ref. (1838809)
1302608	16	24	32	Valve Seat - Exhaust	Ref. (2899745)
1976999	16	24	32	Rotocoil - Intake	
1976999	16	24	32	Rotocoil - Exhaust	
7N1903	32	48	64	Valve Spring - Inner	
7N1904	32	48	64	Valve Spring - Outer	
2090962	16	24	32	Valve Spring Seat	Exhaust

CYLINDER HEAD COMPONENTS – DIESEL

Contains: 3/8" Intake valves 30° | 3/8" Exhaust valves 30° | Original twist "Short" valve springs and matching components

PART #	3508	3512	3516	DESCRIPTION	NOTE
7E4609	16	24	32	Valve - Intake	.375" stem
7E4609	16	24	32	Valve - Exhaust	.375" stem
2A4429	64	96	128	Valve Lock	
1339306	16	24	32	Valve Guide - Intake	
1339306	16	24	32	Valve Guide - Exhaust	
1977006	16	24	32	Valve Stem Seal - Intake	Ref. (1376856)
N/A	N/A	N/A	N/A	Valve Stem Seal - Exhaust*	
1189491	16	24	32	Valve Seat - Intake	30°
1189491	16	24	32	Valve Seat - Exhaust	30°
1976999	16	24	32	Rotocoil - Intake	
1976999	16	24	32	Rotocoil - Exhaust	
7N1903	32	48	64	Valve Spring - Inner	
7N1904	32	48	64	Valve Spring - Outer	
2090962	32	48	64	Valve Spring Seat	

* This version does not utilize exhaust valve stem seals.

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CYLINDER HEAD COMPONENTS — SPARK IGNITED

Version: 1 | Standard (Quiescent) Heads | Wet Exhaust Manifolds | Original twist "Short" valve springs and matching components

PART #	3508	3512	3516	3520	DESCRIPTION	NOTE
3074641	32	48	64		Valve - Intake & Exhaust	Ref. (5008527)
P015551	32	48	64		Valve - Intake & Exhaust	Inconel
2A4429	64	96	128		Valve Lock	
9Y1847	16	24	32		Valve Guide - Intake	
9Y1846	16	24	32		Valve Guide - Exhaust	
611713	32	48	64		Valve Seat - Intake & Exhaust	
1976999	32	48	64		Rotocoil Assembly	
7N1903	32	48	64		Valve Spring - Inner	
7N1904	32	48	64		Valve Spring - Outer	
2090962	32	48	64		Valve Spring Seat	

CYLINDER HEAD COMPONENTS — SPARK IGNITED

Version: 2 | Standard (Swirl) Heads | Dry Exhaust Manifolds | Original twist "Short" valve springs and matching components

PART #	3508	3512	3516	3520	DESCRIPTION	NOTE
3074641	32	48	64		Valve - Intake & Exhaust	Ref. (5008527)
P015551	32	48	64		Valve - Intake & Exhaust	Inconel
2A4429	64	96	128		Valve Lock	
1845495	16	24	32		Valve Guide - Intake	Ref. (1916766)
1845494	16	24	32		Valve Guide - Exhaust	Ref. (3661338)
1225963	16	24	32		Valve Seat - Intake	
611713	16	24	32		Valve Seat - Exhaust	
1976999	32	48	64		Rotocoil Assembly	
7N1903	32	48	64		Valve Spring - Inner	
7N1904	32	48	64		Valve Spring - Outer	
2090962	32	48	64		Valve Spring Seat	

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CYLINDER HEAD COMPONENTS — SPARK IGNITED

Version: 3 | Landfill (Quiescent) Heads | Wet Exhaust Manifolds | Original twist "Short" valve springs and matching components

PART #	3508	3512	3516	3520	DESCRIPTION	NOTE
3089177	32	48	64		Valve - Intake & Exhaust	Ref. (5008528)
P015551	32	48	64		Valve - Intake & Exhaust	Inconel
2A4429	64	96	128		Valve Lock	
1845495	16	24	32		Valve Guide - Intake	Ref. (1916766)
1845494	16	24	32		Valve Guide - Exhaust	Ref. (3661338)
1225963	16	24	32		Valve Seat - Intake	
611713	16	24	32		Valve Seat - Exhaust	
1976999	32	48	64		Rotocoil Assembly	
1977006	12	24	32		Valve Stem Seal - Intake	
7N1903	32	48	64		Valve Spring - Inner	
7N1904	32	48	64		Valve Spring - Outer	
2090962	32	48	64		Valve Spring Seat	

CYLINDER HEAD COMPONENTS — SPARK IGNITED

Version: 4 | Landfill (Swirl) Heads | Dry Exhaust Manifolds | Original twist "Short" valve springs and matching components

PART #	3508	3512	3516	3520	DESCRIPTION	NOTE
3089177	32	48	64		Valve - Intake & Exhaust	Ref. (5008528)
P015551	32	48	64		Valve - Intake & Exhaust	Inconel
2A4429	64	96	128		Valve Lock	
1845495	16	24	32		Valve Guide - Intake	Ref. (1916766)
1845494	16	24	32		Valve Guide - Exhaust	Ref. (3661338)
611713	32	48	64		Valve Seat - Intake & Exhaust	
1976999	32	48	64		Rotocoil Assembly	
1977006	12	24	32		Valve Stem Seal - Intake	
7N1903	32	48	64		Valve Spring - Inner	
7N1904	32	48	64		Valve Spring - Outer	
2090962	32	48	64		Valve Spring Seat	



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CYLINDER HEAD COMPONENTS – SPARK IGNITED

Version: 5 | G3500B | Low Swirl | Original twist "Short" valve springs and matching components

PART #	3508	3512	3516	3520	DESCRIPTION	NOTE
3074641	32	48	64	80	Valve - Intake & Exhaust	Natural Gas Ref. (5008527)
3089177	32	48	64	80	Valve - Intake & Exhaust	Landfill Gas Ref. (5008528)
P015551	32	48	64	80	Valve - Intake & Exhaust	Inconel
2A4429	64	96	128	160	Valve Lock	
1916766	16	24	32	40	Valve Guide - Intake - STD	
2061544	A/R	A/R	A/R	A/R	Valve Guide - Intake - .25mm	
2061545	A/R	A/R	A/R	A/R	Valve Guide - Intake - .50mm	
2061541	16	24	32	40	Valve Guide - Exhaust - STD	
2061542	A/R	A/R	A/R	A/R	Valve Guide - Exhaust - .25mm	
2061543	A/R	A/R	A/R	A/R	Valve Guide - Exhaust - .50mm	
2668718	16	24	32	40	Valve Seat - Intake - STD	
2668719	A/R	A/R	A/R	A/R	Valve Seat - Intake - .25mm	
2668720	A/R	A/R	A/R	A/R	Valve Seat - Intake - .50mm	
1916760	16	24	32	40	Valve Seat - Exhaust - STD	
2161546	A/R	A/R	A/R	A/R	Valve Seat - Exhaust - .25mm	
2061547	A/R	A/R	A/R	A/R	Valve Seat - Exhaust - .50mm	
1976999	32	48	64	80	Rotocoil Assembly	
7N1903	32	48	64	80	Valve Spring - Inner	
7N1904	32	48	64	80	Valve Spring - Outer	
2090962	32	48	64	80	Valve Spring Seat	

A/R = As Required for this Application



Always verify ESN for proper fitment.

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CYLINDER HEAD COMPONENTS – SPARK IGNITED

Version: 6 G3500C / G3500E Water Cooled Inserts Reverse twist "Tall" valve springs and matching components						
PART #	3508	3512	3516	3520	DESCRIPTION	NOTE
3074641	32	48	64	80	Valve - Intake & Exhaust	Natural Gas Ref. (5008527)
3089177	32	48	64	80	Valve - Intake & Exhaust	Landfill Gas Ref. (5008528)
P015551	32	48	64	80	Valve - Intake & Exhaust	Inconel
2A4429	64	96	128	160	Valve Lock	
1845495	16	24	32	40	Valve Guide - Intake	Ref. (1916766)
1845494	16	24	32	40	Valve Guide - Exhaust	Ref. (3661338)
2289673	16	24	32	40	Valve Stem Seal - Intake	Landfill Gas
3087100	32	48	64	80	Valve Seat - Intake & Exhaust	Water Cooled
2182935	32	48	64	80	Rotocoil Assembly	
1944902	32	48	64	80	Valve Spring - Inner	
1944901	32	48	64	80	Valve Spring - Outer	
2090962	32	48	64	80	Valve Spring Seat	

CYLINDER HEAD COMPONENTS – SPARK IGNITED

Version: 7 G3500C / G3500E Water Cooled Inserts Original twist "Tall" valve springs and matching components						
PART #	3508	3512	3516	3520	DESCRIPTION	NOTE
3954263	32	48	64	80	Valve - Intake & Exhaust	Natural Gas Ref. (4981693)
3954264	32	48	64	80	Valve - Intake & Exhaust	Landfill Gas Ref. (4981692)
P015551	32	48	64	80	Valve - Intake & Exhaust	Inconel
2A4429	64	96	128	160	Valve Lock	
1845495	16	24	32	40	Valve Guide - Intake	Ref. (1916766)
1845494	16	24	32	40	Valve Guide - Exhaust	Ref. (3661338)
3954261	16	24	32	40	Valve Stem Seal - Intake	Landfill Gas
3087100	32	48	64	80	Valve Seat - Intake & Exhaust	Water Cooled
3165978	32	48	64	80	Rotocoil Assembly	
3165977	32	48	64	80	Valve Spring - Inner	
3165976	32	48	64	80	Valve Spring - Outer	
3165981	32	48	64	80	Valve Spring Seat	

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VALVE MECHANISM

PART #	3508	3512	3516	3520	DESCRIPTION	NOTE
8F8858	24	36	48	40	Rocker Arm Button	Early
9F7707	24	36	48	40	Rocker Arm Button Retainer	
1W4594	24	36	48	40	Rocker Arm Bushing	
3580768	24	36	48	40	Rocker Arm Adjustment Screw	
3J9196	24	36	48	40	Lock Nut	
1546389	24	36	48		Rocker Arm Button	B & C
9F7707	24	36	48		Rocker Arm Button Retainer	
3580768	16	24	32		Rocker Arm Adjustment Screw	
3J9196	16	24	32		Lock Nut	
1003878	8	12	16		Injector Pushrod Spring	
1003877	8	12	16		Injector Pushrod Spring Lock	
3467515	24	36	48	40	Lifter Assembly	Early MUI engines
7N4782	24	36	48	40	Lifter Guide Spring	
3467515RK	24	36	48	40	Lifter Repair Kit	Roller & Pin
4168319RK	16	24	32		Lifter Repair Kit - Valve	Roller & Pin - B & C
2827944RK	8	12	16		Lifter Repair Kit - Injector	
1326469	8	12	16		Harness - Wiring	also some 3524 applications

FUEL INJECTORS

PART #	3508	3512	3516	3520	DESCRIPTION	NOTE
R-20R0849	8	12	16		Remanufactured EUI Injector	Ref. (3920211 - 3760509)
R-20R0850			16		Remanufactured EUI Injector	Ref. (3920213 - 3619355)
R-20R1264	8	12	16		Remanufactured EUI Injector	Ref. (3920200 - 3861752)
R-20R1282	8	12	16		Remanufactured EUI Injector	Ref. (3920222 - 3861774)
R-20R0864		12			Remanufactured EUI Injector	Ref. (3920223 - 3760513)
R-20R1270	8	12	16		Remanufactured EUI Injector	Ref. (3920206 - 3861758)
R-20R1272		12	16		Remanufactured EUI Injector	Ref. (3920208 - 3861760)
R-20R1275	8	12	16		Remanufactured EUI Injector	Ref. (3920214 - 3861766)
R-20R1278	8	12	16		Remanufactured EUI Injector	Ref. (3920217 - 3861769)
R-20R1280	8	12	16		Remanufactured EUI Injector	Ref. (3920219 - 3861771)
7C0340	8	12	16		New Fuel Nozzle - Mechanical	Ref. (10R4024)
7C0344	8	12	16		New Fuel Nozzle - Mechanical	Ref. (10R4025)
7C2238	8	12	16		New Fuel Nozzle - Mechanical	Ref. (10R4020)
9Y0051	8	12	16		New Fuel Nozzle - Mechanical	Ref. (10R4026)

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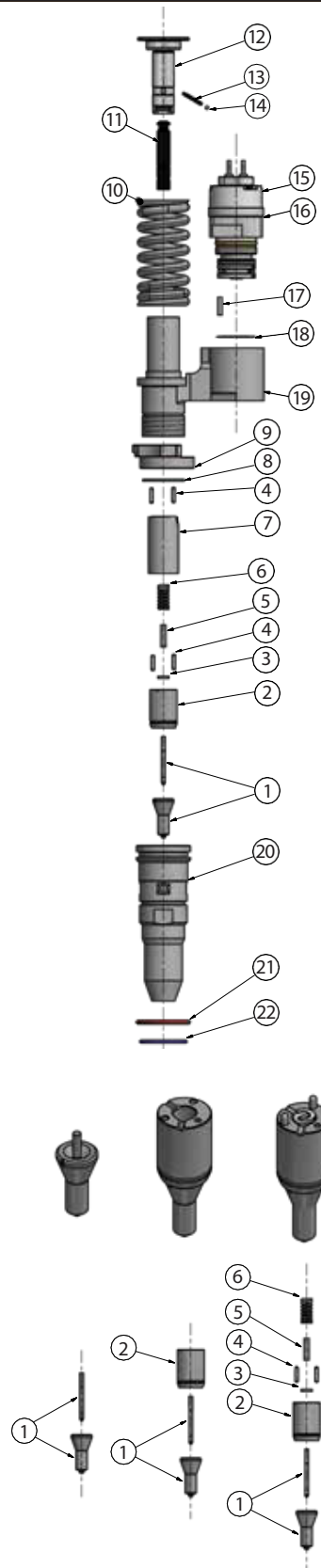
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3500E INJECTORS

DRAWING #	ITEM	DESCRIPTION
1	SEE CHART	Nozzle Assembly
2	8991238	Spring Cage
3	8991243	Seat - VOP Spring
4	8991283	Dowel Pin - Stack
5	8991244	Stop Pin - Needle
6	1006165	VOP Spring
7	8991245	Stack Spacer
8	8991258	Seal - O - Ring - Green - Internal
9	8991259	Ring - Clamp
10	8991257	Follower Spring
11	8991254	Plunger
12	8991255	Follower
13	8991260	Spring - Ball Stop
14	8991277	Ball Stop
15	8991280	Actuator Assembly
15	8991291	Actuator Assembly
16	8991278	Stator Sleeve - EUI Actuator
17	8991252	Reman- PIN - AL - Spool
18	8991253	Crush Gasket - EUI Body
19	8991295	Body Sub Assembly
20	8991241	Nut Assembly
21	2454908	Seal - O - Ring - Red - External
22	2454907	Seal - O - Ring - Blue - External

INJECTOR PART #	NOZZLE ASSEMBLY	NOZZLE ASSEMBLY WITH CAGE	STACK KIT WITH SET VOP
20R0849	8991235	8991339	8991348
20R0850	8991331	8991340	8991349
20R0864	8991332	8991341	8991350
20R1264	8991333	8991342	8991351
20R1270	8991334	8991343	8991352
20R1272	8991335	8991344	8991353
20R1275	8991336	8991345	8991354
20R1278	8991337	8991346	8991355
20R1282	8991338	8991347	8991356



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FUEL SYSTEM

PART #	3508	3512	3516	3520	DESCRIPTION	NOTE
6V9897	8	12	16		MUI Injector Seal Kit*	
-1949584	16	24	32		2- Seal Ring	
-6V1250	16	24	32		1- Seal Ring	
2688154	8	12	16		EUI Injector Seal Kit*	
-2454908	8	12	16		1- Seal Ring	Upper
-2454907	8	12	16		1- Seal Ring	Lower
*=Items below are contained in the kit						

COOLING SYSTEM

PART #	3508	3512	3516	3520	DESCRIPTION	NOTE
4W4011	4	4	4		Regulator - 170°F	Ref. (1209453)
2485513	4	4	4	8	Regulator - 180°F	
2477133	4	4	4	8	Regulator - 190°F	
3S9643	4	4	4	8	Regulator Seal	
2225152		1	1		Kit - Water Pump Rebuild	
2225153	1	1			Kit - Water Pump Rebuild	
2944935	1	1	1		Kit - Auxilliary Pump Rebuild	
2128183		1	1		Impeller - Water Pump	
2128184	1	1			Impeller - Water Pump	
2128187	1	1	1		Impeller - Aux Water Pump	
2128179	1	1	1		Shaft - Aux Water Pump	
2128180	1	1	1		Shaft - Water Pump	
5N4383	1	1	1		Thrust Washer - Aux Water Pump	
1664374	1	1	1		Ring Assembly - Shaft	
6N5926	AR	AR	AR	AR	Sender - Coolant Temperature	

ENGINE SENSORS

PART #	3508	3512	3516	3520	DESCRIPTION	NOTE
6N5926	AR	AR	AR	AR	Sender - Coolant Temperature	
9X1124	AR	AR	AR	AR	Sender - Engine Oil Pressure	
1946724	AR	AR	AR	AR	Sensor - Engine Oil Pressure	
1946725	AR	AR	AR	AR	Sensor - Engine Oil Pressure	
1946722	AR	AR	AR	AR	Sensor - Pressure - Air	

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GENERATOR CUSTOM GASKET SETS

ENGINE	ESN	COMMENT	DESCRIPTION	PART #
3508	23Z 70Z	MUI Dry Exhaust Manifolds	Major Overhaul Set	P016115
			In-Chassis Set	IN DEVELOPMENT
			Cylinder Head Set	P016116
			Single Head Set	P016117
3508	23Z 70Z	MUI Wet Exhaust Manifolds	Major Overhaul Set	P016118
			In-Chassis Set	IN DEVELOPMENT
			Cylinder Head Set	P016119
			Single Head Set	P016120
3508B	2HW 4GM 6PN	EUI Dry Exhaust Manifolds	Major Overhaul Set	IN DEVELOPMENT
			In-Chassis Set	IN DEVELOPMENT
			Cylinder Head Set	P016121
			Single Head Set	P270395
3508B	1TW 3DM 3DW 3LS 7SM DPN	EUI Dry Exhaust Manifolds	Major Overhaul Set	IN DEVELOPMENT
			In-Chassis Set	IN DEVELOPMENT
			Cylinder Head Set	P016126
			Single Head Set	P016163
		Ceramic Manifolds	Single Head Set	P016169
3512	24Z 67Z CTE 1KZ	MUI Dry Exhaust Manifolds	Major Overhaul Set	P016133
			In-Chassis Set	IN DEVELOPMENT
			Cylinder Head Set	P016134
			Single Head Set	P016117
3512	24Z 67Z CTE 1KZ	EUI Wet Exhaust Manifolds	Major Overhaul Set	P016135
			In-Chassis Set	IN DEVELOPMENT
			Cylinder Head Set	P016136
			Single Head Set	P016120



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GENERATOR CUSTOM GASKET SETS (CONT.)

ENGINE	ESN	COMMENT	DESCRIPTION	PART #
3512B	1GZ 4AW 6GW 6WN 8RM CTB	EUI Dry Exhaust Manifolds	Major Overhaul Set	P258060
			In-Chassis Set	IN DEVELOPMENT
			Cylinder Head Set	P258059
			Single Head Set	P016120
3512C	1GZ 4AW 6GW 6WN 8RM	EUI Dry Exhaust Manifolds	Major Overhaul Set	P258060
			In-Chassis Set	IN DEVELOPMENT
			Cylinder Head Set	P258059
			Single Head Set	P016120
3516	25Z 73Z 5SJ	MUI Wet Exhaust Manifolds	Major Overhaul Set	P016151
			In-Chassis Set	IN DEVELOPMENT
			Cylinder Head Set	P016152
			Single Head Set	P016117
3516	25Z 73Z	MUI Wet Exhaust Manifolds	Major Overhaul Set	P016153
			In-Chassis Set	IN DEVELOPMENT
			Cylinder Head Set	P016154
			Single Head Set	P016120
3516B	1NW 2JW 3NS 6HN	EUI Dry Exhaust Manifolds	Major Overhaul Set	P258062
			In-Chassis Set	IN DEVELOPMENT
			Cylinder Head Set	P258061
			Single Head Set	P270395
3516C	2JW 3NS 6HN 7RN	EUI Dry Exhaust Manifolds	Major Overhaul Set	P258062
			In-Chassis Set	IN DEVELOPMENT
			Cylinder Head Set	P258061
			Single Head Set	P270395

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INDUSTRIAL CUSTOM CASKET SETS

ENGINE	ESN	COMMENT	DESCRIPTION	PART #
3508	68Z 95Y	MUI Dry Exhaust Manifolds	Major Overhaul Set	P016115
			In Chassis Set	IN DEVELOPMENT
			Cylinder Head Set	P016116
			Single Head Set	P016117
3508	68Z 95Y	MUI Wet Exhaust Manifolds	Major Overhaul Set	P016118
			In Chassis Set	IN DEVELOPMENT
			Cylinder Head Set	P016119
			Single Head Set	P016120
3512	49Y 51Y 65Z	MUI Dry Exhaust Manifolds	Major Overhaul Set	P016133
			In Chassis Set	IN DEVELOPMENT
			Cylinder Head Set	P016134
			Single Head Set	P016117
3512	49Y 65Z	MUI Wet Exhaust Manifolds	Major Overhaul Set	P016135
			In Chassis Set	IN DEVELOPMENT
			Cylinder Head Set	P016136
			Single Head Set	P016120
3512B	3ZW RL4	Locomotive EUI Ceramic Exhaust Manifolds	Major Overhaul Set	IN DEVELOPMENT
			In Chassis Set	IN DEVELOPMENT
			Cylinder Head Set	P259606
			Single Head Set	IN DEVELOPMENT
3512C	MLM PE4 PFP PNN PPL SRF	EUI Dry Exhaust Manifolds	Major Overhaul Set	P258060
			In Chassis Set	IN DEVELOPMENT
			Cylinder Head Set	P258059
			Single Head Set	IN DEVELOPMENT
3512C	LLA LLB LLF R1A R1S	Petroleum EUI Dry Exhaust Manifolds	Major Overhaul Set	IN DEVELOPMENT
			In Chassis Set	IN DEVELOPMENT
			Cylinder Head Set	P270396
			Single Head Set	IN DEVELOPMENT
3516	27Z 71Z	MUI Dry Exhaust Manifolds	Major Overhaul Set	P016151
			In Chassis Set	IN DEVELOPMENT
			Cylinder Head Set	P016152
			Single Head Set	P016117
3516	27Z 71Z	MUI Wet Exhaust Manifolds	Major Overhaul Set	P016153
			In Chassis Set	IN DEVELOPMENT
			Cylinder Head Set	P016154
			Single Head Set	P016120

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MACHINE CUSTOM GASKET SETS

MODEL	MSN	ENGINE	ESN	COMMENT	DESCRIPTION	PART #
D11N Dozer	74Z	3508	99W	MUI Dry Exhaust Manifolds	Major Overhaul Set	P016105
					In Chassis Set	IN DEVELOPMENT
					Cylinder Head Set	P016106
					Single Head Set	P016107
D11N Dozer	4HK	3508	7YG	EUI Dry Exhaust Manifolds	Major Overhaul Set	P016108
					In Chassis Set	IN DEVELOPMENT
					Cylinder Head Set	P016109
					Single Head Set	P016110
D11R Dozer	8ZR	3508	7YG C8X	EUI Dry Exhaust Manifolds	Major Overhaul Set	P016123
					In Chassis Set	IN DEVELOPMENT
					Cylinder Head Set	P016124
					Single Head Set	P016125
D11R Dozer	AAF 7PZ 9TR 9XR	3508B	2GR C8T	EUI Dry Exhaust Manifolds	Major Overhaul Set	P016123
					In Chassis Set	IN DEVELOPMENT
					Cylinder Head Set	P016124
					Single Head Set	P016125
5130 Excavator	5ZL	3508B	7YG	EUI Dry Exhaust Manifolds	Major Overhaul Set	P016123
					In Chassis Set	IN DEVELOPMENT
					Cylinder Head Set	P016124
					Single Head Set	P016125
5130B Excavator	4CS	3508B	2GR	EUI Dry Exhaust Manifolds	Major Overhaul Set	P016123
					In Chassis Set	IN DEVELOPMENT
					Cylinder Head Set	P016124
					Single Head Set	P016125
5230 Excavator	7LL	3516	2PK	EUI Dry Exhaust Manifolds	Major Overhaul Set	IN DEVELOPMENT
					In Chassis Set	IN DEVELOPMENT
					Cylinder Head Set	IN DEVELOPMENT
					Single Head Set	3550775
5230B Excavator	4HZ	3516B	7TR	EUI Dry Exhaust Manifolds	Major Overhaul Set	P016170
					In Chassis Set	IN DEVELOPMENT
					Cylinder Head Set	P016171
					Single Head Set	P016172
776B Truck	6JC	3508	99W	MUI Dry Exhaust Manifold	Major Overhaul Set	P016105
					In Chassis Set	IN DEVELOPMENT
					Cylinder Head Set	P016106
					Single Head Set	P016107
776C Truck	2TK	3508	7YG	EUI Dry Exhaust Manifolds	Major Overhaul Set	P016108
					In Chassis Set	IN DEVELOPMENT
					Cylinder Head Set	P016109
					Single Head Set	P016110
776D Truck	5ER AFS	3508	2GR C8T	EUI Dry Exhaust Manifolds	Major Overhaul Set	P016123
					In Chassis Set	IN DEVELOPMENT
					Cylinder Head Set	P016124
					Single Head Set	P016125

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MACHINE CUSTOM GASKET SETS (CONT.)

MODEL	MSN	ENGINE	ESN	COMMENT	DESCRIPTION	PART #
777B Truck	4YC	3508	99W	MUI Dry Exhaust Manifolds	Major Overhaul Set	P016105
					In Chassis Set	IN DEVELOPMENT
					Cylinder Head Set	P016106
					Single Head Set	P016107
777C Truck	4XJ	3508	7YG	EUI Dry Exhaust Manifolds	Major Overhaul Set	P016108
					In Chassis Set	IN DEVELOPMENT
					Cylinder Head Set	P016109
					Single Head Set	P016110
777D Truck	2YW AGY	3512B	8BR	EUI Dry Exhaust Manifolds	Major Overhaul Set	P016141
					In Chassis Set	IN DEVELOPMENT
					Cylinder Head Set	P005668
					Single Head Set	3550775
777D Truck	3PR AGC FKR	3508B	2GR C8T JDM	EUI Dry Exhaust Manifolds	Major Overhaul Set	P016123
					In Chassis Set	IN DEVELOPMENT
					Cylinder Head Set	P016124
					Single Head Set	P016125
784B Truck	5RK	3512	4WJ	EUI Dry Exhaust Manifolds	Major Overhaul Set	P016141
					In Chassis Set	IN DEVELOPMENT
					Cylinder Head Set	P005668
					Single Head Set	3550775
784C Truck	2PZ	3512B	8BR	EUI Dry Exhaust Manifolds	Major Overhaul Set	P016141
					In Chassis Set	IN DEVELOPMENT
					Cylinder Head Set	P005668
					Single Head Set	3550775
785 Truck	8GB	3512	96Z	MUI Dry Exhaust Manifolds	Major Overhaul Set	P016137
					In Chassis Set	IN DEVELOPMENT
					Cylinder Head Set	P016138
					Single Head Set	P016110
785B Truck	6HK	3512	4WJ	EUI Dry Exhaust Manifolds	Major Overhaul Set	P016141
					In Chassis Set	IN DEVELOPMENT
					Cylinder Head Set	P005668
					Single Head Set	3550775
785B 785C Truck	6HK 1HW APX	3512B	8BR	EUI Dry Exhaust Manifolds	Major Overhaul Set	P016141
					In Chassis Set	IN DEVELOPMENT
					Cylinder Head Set	P005668
					Single Head Set	3550775
785C Truck	5AZ	3516B	7TR	EUI Dry Exhaust Manifolds	Major Overhaul Set	P270398
					In Chassis Set	IN DEVELOPMENT
					Cylinder Head Set	P270399
					Single Head Set	3550775
785D Truck	DMC MSY	3516C	B7F D85	EUI Dry Exhaust Manifolds	Major Overhaul Set	P270398
					In Chassis Set	IN DEVELOPMENT
					Cylinder Head Set	P270399
					Single Head Set	3550775

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MACHINE CUSTOM GASKET SETS (CONT.)

MODEL	MSN	ENGINE	ESN	COMMENT	DESCRIPTION	PART #
789 Truck	9ZC	3516	54Z	MUI Dry Exhaust Manifolds	Major Overhaul Set	P016155
					In Chassis Set	IN DEVELOPMENT
					Cylinder Head Set	P016156
					Single Head Set	P016110
789B Truck	7EK	3516	2PK 7TR	EUI Dry Exhaust Manifolds	Major Overhaul Set	P270398
					In Chassis Set	IN DEVELOPMENT
					Cylinder Head Set	P270399
					Single Head Set	3550775
789C 789D Truck	2BW SPD SHH	3516B	7TR B8F	EUI Dry Exhaust Manifolds	Major Overhaul Set	P270398
					In Chassis Set	IN DEVELOPMENT
					Cylinder Head Set	P270399
					Single Head Set	3550775
793 Truck	3SJ	3516	54Z	MUI Dry Exhaust Manifolds	Major Overhaul Set	P016155
					In Chassis Set	IN DEVELOPMENT
					Cylinder Head Set	P016156
					Single Head Set	P016110
793B Truck	1HL	3516	2PK	EUI Dry Exhaust Manifolds	Major Overhaul Set	P270398
					In Chassis Set	IN DEVELOPMENT
					Cylinder Head Set	P270399
					Single Head Set	3550775
793C Truck	ATY CBR	3516B	8WM	EUI Dry Exhaust Manifolds	Major Overhaul Set	P270398
					In Chassis Set	IN DEVELOPMENT
					Cylinder Head Set	P270399
					Single Head Set	3550775
793C Truck	4AR 4GZ ATY	3516B	7TR	EUI Ceramic Exhaust Manifolds	Major Overhaul Set	P016170
					In Chassis Set	IN DEVELOPMENT
					Cylinder Head Set	P016171
					Single Head Set	P016172
793D Truck	FDB	3516B	8WM	EUI Dry Exhaust Manifolds	Major Overhaul Set	P270398
					In Chassis Set	IN DEVELOPMENT
					Cylinder Head Set	P270399
					Single Head Set	3550775
793D Truck	FDB	3516B	7TR	EUI Ceramic Exhaust Manifolds	Major Overhaul Set	P016170
					In Chassis Set	IN DEVELOPMENT
					Cylinder Head Set	P016171
					Single Head Set	P016172
793D Truck	FDB	3516B	8WM	EUI Dry Exhaust Manifolds	Major Overhaul Set	P270398
					In Chassis Set	IN DEVELOPMENT
					Cylinder Head Set	P270399
					Single Head Set	3550775
MT4400D Truck	MH4 MT4	3516C	TRD		Major Overhaul Set	IN DEVELOPMENT
					In Chassis Set	IN DEVELOPMENT
					Cylinder Head Set	IN DEVELOPMENT
					Single Head Set	3550775

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MACHINE CUSTOM GASKET SETS (CONT.)

MODEL	MSN	ENGINE	ESN	COMMENT	DESCRIPTION	PART #
854G Wheel Tractor	1JW A4W AMP	3508B	2GR C8T	EUI Dry Exhaust Manifolds	Major Overhaul Set	P016123
					In Chassis Set	IN DEVELOPMENT
					Cylinder Head Set	P016124
					Single Head Set	P016125
992G Wheel Loader	7HR ADZ AZX	3508B	2GR	EUI Dry Exhaust Manifolds	Major Overhaul Set	P016123
					In Chassis Set	IN DEVELOPMENT
					Cylinder Head Set	P016124
					Single Head Set	P016125
994 Wheel Loader	9YF	3516	54Z	MUI Dry Exhaust Manifolds	Major Overhaul Set	P016155
					In Chassis Set	IN DEVELOPMENT
					Cylinder Head Set	P016156
					Single Head Set	P016110
994D Wheel Loader	3TZ	3516B	7TR	EUI Dry Exhaust Manifolds	Major Overhaul Set	P016170
					In Chassis Set	IN DEVELOPMENT
					Cylinder Head Set	P016171
					Single Head Set	P016172
994F Wheel Loader	442	3516B	8WM	EUI Dry Exhaust Manifolds	Major Overhaul Set	IN DEVELOPMENT
					In Chassis Set	IN DEVELOPMENT
					Cylinder Head Set	IN DEVELOPMENT
					Single Head Set	P016172
994H Wheel Loader	DWC	3516B	8NZ	EUI Dry Exhaust Manifolds	Major Overhaul Set	IN DEVELOPMENT
					In Chassis Set	IN DEVELOPMENT
					Cylinder Head Set	IN DEVELOPMENT
					Single Head Set	P016172
994K Wheel Loader	MRK	3516B	LR4	EUI Dry Exhaust Manifolds	Major Overhaul Set	IN DEVELOPMENT
					In Chassis Set	IN DEVELOPMENT
					Cylinder Head Set	IN DEVELOPMENT
					Single Head Set	P016172



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MARINE CUSTOM CASKET SETS

ENGINE	ESN	COMMENT	DESCRIPTION	PART #
3508	69Z11-Up 96Y11-Up	MUI Wet Exhaust Manifolds	Major Overhaul Set	P016118
			In Chassis Set	IN DEVELOPMENT
			Cylinder Head Set	P016119
			Single Head Set	P016120
3512	50Y 66Z	MUI Wet Exhaust Manifolds	Major Overhaul Set	P016135
			In Chassis Set	IN DEVELOPMENT
			Cylinder Head Set	P016136
			Single Head Set	P016120
3512B	3RS 3WS 4TN	EUI Dry Exhaust Manifolds	Major Overhaul Set	IN DEVELOPMENT
			In Chassis Set	IN DEVELOPMENT
			Single Head Set - Early	P016163
			Single Head Set - Late	P016169
3512B	1PW 7HM 8EM 8RM	EUI Ceramic Exhaust Manifolds	Major Overhaul Set	P016143
			In Chassis Set	IN DEVELOPMENT
			Cylinder Head Set	P016144
			Single Head Set	P016169
3516	29Z 72Z	MUI Wet Exhaust Manifolds	Major Overhaul Set	P016153
			In Chassis Set	IN DEVELOPMENT
			Cylinder Head Set	P016154
			Single Head Set	P016120
3516	4MJ150-Up	MUI Ceramic Exhaust Manifolds	Major Overhaul Set	P016164
			In Chassis Set	IN DEVELOPMENT
			Cylinder Head Set	P016165
			Single Head Set	P016166
3516	2FW 3SS 3SX 8CN 8KN 9AN	EUI Ceramic Exhaust Manifolds	Major Overhaul Set	P016167
			In Chassis Set	IN DEVELOPMENT
			Cylinder Head Set	P016168
			Single Head Set	P016169
3516B	2FW 3SS 3SX 8CN 8KN 9AN	EUI Wet Exhaust Manifolds	Major Overhaul Set	IN DEVELOPMENT
			In Chassis Set	IN DEVELOPMENT
			Cylinder Head Set	P016162
			Single Head Set	P016163

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NATURAL GAS CUSTOM CASKET SETS

ENGINE	ESN	COMMENT	DESCRIPTION	PART #
G3508	2JF	Magneto Wet Exhaust Manifolds	Major Overhaul Set	P016111
			In Chassis Set	IN DEVELOPMENT
			Cylinder Head Set	P016112
			Single Head Set	P016098
		Ceramic Exhaust Manifolds	Single Head Set	P270397
G3508	4WD 9TG DLR N8A N8B WPM WPN	EIS Wet Exhaust Manifolds	Major Overhaul Set	P016113
			In Chassis Set	IN DEVELOPMENT
			Cylinder Head Set	P016114
			Single Head Set	P016098
		Ceramic Exhaust Manifolds	Single Head Set	P270397
G3512	4KC	Magneto Wet Exhaust Manifolds	Major Overhaul Set	P016127
			In Chassis Set	P016128
			Cylinder Head Set	P016129
			Single Head Set	P016098
		Ceramic Exhaust Manifolds	Single Head Set	P270397
G3512	CTM	EIS Wet Exhaust Manifolds	Major Overhaul Set	P016130
			In Chassis Set	P016131
			Cylinder Head Set	P016132
			Single Head Set	P016098
		Ceramic Exhaust Manifolds	Single Head Set	P270397
G3512	5JD 6JW 7NJ GNS WPP WPR	EIS Wet Exhaust Manifolds	Major Overhaul Set	P016130
			In Chassis Set	P016131
			Cylinder Head Set	P016132
			Single Head Set	P016098
		Ceramic Exhaust Manifolds	Single Head Set	P270397
G3512	5ZZ CTM	EIS Wet Exhaust Manifolds	Cylinder Head Set	P016142
			Single Head Set	P016098
		Ceramic Exhaust Manifolds	Single Head Set	P270397
G3512	5JD 7NJ	EIS (late) Dry Exhaust Manifolds	Cylinder Head Set	P016142
			Single Head Set	P016098
		Ceramic Exhaust Manifolds	Single Head Set	P270397
G3516	3RC	Magneto Wet Exhaust Manifolds	Major Overhaul Set	P016145
			In Chassis Set	P016146
			Cylinder Head Set	P016147
			Single Head Set	P016098
		Ceramic Exhaust Manifolds	Single Head Set	P270397

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NATURAL GAS CUSTOM CASKET SETS (CONT.)

ENGINE	ESN	COMMENT	DESCRIPTION	PART #
G3516	8BZ CTL E64 E66 E67 E68 L6K L6L L6M L6N	EIS Wet Exhaust Manifolds	Major Overhaul Set	P016148
			In Chassis Set	P016149
			Cylinder Head Set	P016150
			Single Head Set	P016098
G3516	4EK 5PN 8LD 8PW N6A N6B N6C WPS	EIS Wet Exhaust Manifolds	Major Overhaul Set	P016148
			In Chassis Set	P016149
			Cylinder Head Set	P016150
			Single Head Set	P016098
G3516	E66 L6K L6L L6N ZBA	EIS (late) Dry Exhaust Manifolds	Major Overhaul Set	P016158
			In Chassis Set	P016159
			Cylinder Head Set	P016160
			Single Head Set	P016098
		Ceramic Exhaust Manifolds	Single Head Set	P270397
G3516	4EK 8LD	EIS (late) Dry Exhaust Manifolds	Major Overhaul Set	P016158
			In Chassis Set	P016159
			Cylinder Head Set	P016160
			Single Head Set	P016098
		Ceramic Exhaust Manifolds	Single Head Set	P270397
G3516B	7EZ CEY CTW L6R L6S ZBB	ECM Dry Exhaust Manifolds	Major Overhaul Set	P204792
			In Chassis Set	IN DEVELOPMENT
			Cylinder Head Set	P204793
G3516B	JEF N6E	ECM Dry Exhaust Manifolds	Major Overhaul Set	P204792
			In Chassis Set	IN DEVELOPMENT
			Cylinder Head Set	P204793
			Single Head Set	3550764
G3520B	BGW CWD GET GLF		Major Overhaul Set	P016173
			In Chassis Set	P270400
			Cylinder Head Set	P270401
G3520B	TPC		Major Overhaul Set	P016173
			In Chassis Set	P270400
			Cylinder Head Set	P270401

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PART #	SERIAL NUMBER PREFIX	APPLICATION	REFERENCE
1086998	55J	3516 Gen Set	
1254657	54Z	3516 Off Highway	
1268206	4EK - 5PN	G3516	
1287053	2PK	3516	2873732
1357990	4EK	G3516	
1402033	1LM	3512	2900465
1406111	2GR - 8BR - C8T	3508-3512 Off Highway	
1418844	2PK - 54Z	3516 Off Highway	2902019
1433619	7NJ1-252	G3512	
1440374	9KF1-104	3516 Vehicular	
1490064	2GR	3508B	2795668
1504794	4KC - 9TG	G3508-G3512	
1539370	2GR	3508 Excavator	
1591969	25Z	3516 Gen Set	2903355
1628244	3NS - 7KM	3516 Gen Set	2844771
1644544	2WK - 3HM - 5SJ - 6TJ - 6WW - 9KF - 23Z 25Z - 24Z - 24Z - 29Z - 49Y - 50Y - 65Z - 66Z 67Z - 68Z - 69Z - 70Z - 71Z - 72Z - 73Z - 95Y - 96Y CMD - CMJ - CNF - CTD - CTF - FDR - GZR - GZX LLF - PTG - PTH - PTK - YAK - YAX - ZAF - ZAL	3512 Gen Set	
1649505	7TR	3516 Off Highway	
1651679	4EK	G3516	
1657766	24Z - 50Y - 51Y - 67Z	3512 Gen Set	2903876
1658647	7NJ	G3512	
1756617	6WN - 8RM - PTF - PTM	3512B Gen Set	
1756618	1PW - 2GW - 4AW - PTF - S2G - S2K - S2N	3512	
1756619	1GZ - 8RM	3512B Gen Set	
1756620	1TW - 2BM - F1X - S2F - TTA - TTB	3508-3512	
1756621	4GM	3508B Gen Set	
1756623	6HN	3512B Gen Set	
1756624	8CN - 8KN	3516B Marine	
1756628	1HZ - 7RN	3516 Gen Set	
1782975	2PK - 7TR - 54Z	3516 Off Highway	2795761
1904176	4TN - 8EM	3512B Marine	
2174605	7TR - BCK	3516	2907155
2248998	7YG - 99W	3508 Dozer	
4490206	4ZL - 7YG - 99W	3508	2907386
2842314	24Z - 50Y - 51Y - 65Z - 66Z - 67Z	3512	

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AFTERCOOLER (CONT.)

PART #	SERIAL NUMBER PREFIX	APPLICATION	REFERENCE
2843471	1JZ - 95Y	3208 Gen Set	
2843916	23Z - 68Z - 70Z - 95Y	3508 Industrial - Gen Set	
2843919	24Z - 49Y - 67Z	3512 Industrial - Gen Set	
2843970	23Z - 27Z - 29Z - 71Z - 96Y - 97Y	3508	
2844010	23Z - 69Z - 96Y	3508 Industrial - Gen Set	
2844775	25Z - 27Z - 29Z - 72Z	3516 Marine - Industrial	
2844779	25Z	3516 Gen Set	
2899211	3MS - 3RS - 24Z - 49Y - 50Y - 66Z - PTG	3512 Marine	
2899663	25Z	3516	
2899920	25Z - 28Z	3516	
2906408	6HN	3516B Gen Set	
2906657	1NW - 2FW - 3CW - 8KN - CBN - CDE GZY - LEK - S2S - S2T - S2W	3516B	
2911303	8BR	3512	
2915417	7NJ - 24Z - 37Z - 49Y - 50Y - 51Y - 65Z - 66Z	3512 Marine - Gen Set - Industrial	
3010416	3DW - 7SM - BAG - LPD - S2A - S2E	3508B Marine	
3015253	2GR - C8T	3508B	
3047205	2GR - C8T - JDM	3508-3512B	
3158437	2GR	3508-3508B	
3192141	8WM	3516B Off Highway	3848602
3312454	CTM	G3512-G3516	
3939261	BLF - E3W - E3Y - F2X - LLK MKH - NJT - TTF - TTG	3512	
4224746	YAM - YAY - ZAH	3512-3524	
4246363	YAP - ZAP	3516 Gen Set	
4339236	6HN - 8WM	3516	
4359948	6HZ - 8CN - JTS - TTD - TTH - TTJ	3516 Marine	
4490206	4BW - 8CN - 8KN - 9AN - PAG S2R - S2S - S2X - TAK	3516B Marine	
4549087	4EK	G3516	
4551146	JEF	G3516B	
4575540	4TN - 8EM - S2H - S2L	3508-3512-3516	
4575987	1TW - 3DM - 7SM - S2B - S2D - S2E	3508B Marine	

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AFTERCOOLER (CONT.)

PART #	SERIAL NUMBER PREFIX	APPLICATION	REFERENCE
4580430	6PN - DPN	3508B Gen Set	
4580905	2GR - 2HW - 6PN	3508 Gen Set	
4583967	3PS - 68Z - 69Z - 70Z	3508	
4640331	7RN - 8NZ - 8WM - BPJ - FDN - GD3 - GZS - NAM - PBR T2X - YAP - YAT - YAW - YBT - YBW - ZAL - ZAP - ZBP	3516-3516B Gen Set - Loader	
4640861	8TW - 25Z - YAL - YAS - YBS - ZAL	3516 Gen Set	
4641019	7RN - ZAP	3516B Gen Set	
4641068	7RN - 7TR	3516B Gen Set	
4642432	2EZ - S2J - YAN - ZAJ	3512B Marine	
4643567	E3W - E3X - TTC - TTF	3512C Marine	
5086019	2GR - 7YG - C8T	3508-3508B	
6V5953	23Z - 95Y - 96Y - 97Y	3508	2843970
6V7260	25Z	3516 Gen Set	
6V7446	28Z	3516 Vehicular	
6V7451	71Z - 72Z - 73Z	3516	
6V8062	23Z - 69Z - 70Z - 95Y	3508 Gen Set	2844131
7X2843	1ZF - 3YF	3512 Gen Set	
7X7711	3YF - 51Y	3512	
8C3181	3RC	G3516	
8C4382	71Z - 73Z	3516	2844800
8C4384	51Y	3512 Vehicular	
8C6533	27Z	3516 Industrial	
8C6979	24Z	3512 Gen Set	
9X6591	2JF - 3RC - 4EK - 4KC - 4WD - 5JD - 7NJ - 8LD - 9TG	G3512-G3516	

AIR COMPRESSOR

PART #	SERIAL NUMBER PREFIX	APPLICATION	REFERENCE
1279285	7YG	3508	
1388674	2GR - 2PK - 4WJ - 4ZL - 7TR - 8BR - 54Z - 99W - C8T	3508-3512-3516	
1427343	2GR - 7TR - 7YG - 8BR	3508-3516	
2688134	8BR	3512	
3192142	8WM	3516B Off Highway	
8T3353	2PK - 4WJ - 7YG - 54Z - 96Z	3508-3512-3516	

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AUXILLARY WATER PUMP

PART #	SERIAL NUMBER PREFIX	APPLICATION	REFERENCE
1052546	2JF - 3RC - 4EK - 5PN - 8LD - 9TG	G3516	
1095379	1HZ - 2PK - 4WJ - 8BR - 8WM - 9G5 - 9G8 - 9G9 - 54Z - 7TR - 7YG - 96Z - 99W - B7F - B8F - C8T - F2X - FDN - GZS - GZT - GZX - GZY - JDM - LDE - LDF - LDJ - LEK - NAM - NJT - PBR - RKT - S2G - SK3 - T3P - T3R - T3S - T3W - TKP WF5 - YAT - YAW - YAZ - ZAP - ZAR	3512-3516	
1095381	1NW - 4AW - 4ZL - 5PS - 6PN - 7RN	3512-3516	
1095382	3RC	G3516	
1267949	5SJ	3516 Gen Set	
1299918	6PN - 7NJ - 7RN1-421 - 8RM	3508-3512-3516	
1388675	2PK - 4WJ	3512-3516	
1403069	4TN - 8EM - 8KN - 9AN	3516B	
1424924	7TR	3516 Off Highway	
1426900	2PK	3516 Off Highway	
1433620	7YG - 8BR	3512-3516	
1434110	4GM - 7SM	3508B Gen Set	
1497045	4EK	G3516	
1931468	2FW - 2GR - 3CW - 7TR - 8BR - BPX - C8T CBB - FDE - TTG - YAP - YBT - ZAH	3508-3512-3516	
2022175	1PW - 2AF - 2EZ - 2FW - 2GW - 2HW - 4BW - 4TN - 6GW - 6PN - 6WN - 8DF - 8EM - 8RM - 9AN - 9WF - BCK - CMC - PWG - S2E - S2H - S2J - ZAH	3508-3512B	
2688136	8BR	3512	
3015255	2GR	3508B	
3047206	2GR	3508B Off Highway	
3066816	CBN	3516B Marine	
3157818	2GR - C8T	3508B	
8C5431	2PK	3516 Off Highway	
9X6242	2JF - 3RC - 4EK	G3508	

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BEVEL GEAR

PART #	SERIAL NUMBER PREFIX	APPLICATION	REFERENCE
1471889	1EE - 9KX	3508 Dozer	
1774136	1SY	3508B Dozer	
2131306	1SY	3508B Dozer	

BRAKE COOLER

PART #	SERIAL NUMBER PREFIX	APPLICATION	REFERENCE
8C6930	54Z	3516 Off Highway	

CENTRAL & LOWER ENGINE

PART #	SERIAL NUMBER PREFIX	APPLICATION	REFERENCE
1402034	1LM	3512	
1403098	7HM	3512B Marine	
2028683	99W	3508 Mine Truck - Dozer	2762925
2046987	4MJ1-177 - 8CN	3516-3516B Marine	3053367
2047364	4XF - 6HN - 25Z	3516-3516B Gen Set	
2984567	3DM - 7SM	3508B	
3015269	2GR	3508B	
3047207	2GR	3508B	
3052312	4WJ	3512 Off Highway	4674101
3052661	2PK	3516 Excavator	
3052662	8BR	3512B Off Highway	
3052664	1PW - 3ZW - 5AW - 6PM - 8DF - 8RM - 24Z - 65Z	3508-3512	
3052668	2PK -7TR - 28Z - 54Z	3516	
3052669	3CW - 4XF - 5SJ - 7KM - 9KF - 9WF - 25Z 27Z - 71Z - 73Z - BCK	3516	
3052674	6WN - 24Z	3512-3512B Gen Set	
3052698	2GR	3508	
3052700	6TJ	3508	



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CENTRAL & LOWER ENGINE (CONT.)

PART #	SERIAL NUMBER PREFIX	APPLICATION	REFERENCE
3052767	23Z - 68Z - 70Z - 96Y - 97Y	3508	
3052768	3LS - 4GM	3508B Gen Set	
3053021	7YG	3508	
3053329	2GR - 7YG - 99W	3508 Tractor	
3053361	7YG	3508 Tractor	
3053364	24Z - 50Y - 65Z - 67Z	3512	
3053373	4XF - 6HN	3516-3516B Gen Set	
3053390	25Z - 27Z - 71Z - 73Z	3516	
3053416	1AW - 2CS	3512-3524	
3155726	2GR	3508B	
3939003	F2X - NJT	3512C Locomotive	
3950373	CTF	3508-3512	
4218619	2FW - 3CW - 6HZ - 8KN - 9AN - CBN - KEN - S2P S2T - S2Z - SBJ - SBK - SFJ - TTD - TTH - YAP	3516	
4220004	2GR - JDM	3508	
4270371	2GW - 3RS - 4TN - 7HM - 8EM - 49Y - 50Y - 66Z 67Z - E3W - E3X - LLB - LLK - PTG - S2G - S2H S2K - S2L - S2N - SLM - TTC - TTF - YAX	3512	
4337501	LJW	3508	
4337509	LJW	3508	
4353163	1PW - 4AW - 8EM - FDE - LLA - PTF - S2G - TTG - YAZ	3512	
4400757	2AF	3512B	
4436121	JEF - ZBC	G3516B	
4549091	4EK	G3516	
4577908	CAN - PAG - TTJ	3516C Marine	
4580313	3DM - 5PS - 6PN - 7SM - CBB	3508B	
4639319	1NW - 4BW - 7RN - 8KN - 8NW - 9AN - BCK BPJ - CDE - FDN - FDX - GS2 - GZS - GZT - GZY JTS - KEN - LEK - NAM - PBR - PES - S2R - S2S S2W - S2X - SEK - TTJ - YAP - YAR - YAT - YAW YBT - YBW - ZAL - ZAP - ZBP - ZBR	3516	

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CENTRAL & LOWER ENGINE (CONT.)			
PART #	SERIAL NUMBER PREFIX	APPLICATION	REFERENCE
4640893	2JW - 3SS - 8TW - 25Z - 29Z - 72Z - 73Z RKT - SBJ - YAL - YAS - YBS - ZAL	3516	
4642662	6HN - 25Z	3516 Gen Set	
4671908	2GR - C8T	3508	
4931475	6GW - 8RM - CMC - F2X - PTF - PTM PWG - YAY - YAZ - ZAH	3512B Gen Set	
4950471	S2D - S2E	3508B-3516	
5095705	2GR - C8T - JDM	3508-3512	
6V3796	51Y	3512	
6V7452	29Z - 72Z - 73Z	3516 Marine	
7X2844	1ZF - 2JF	G3508	
7X7693	1ZF	3508 Gen Set	
7X7710	3YF - 51Y	3512	
7X7722	4XF	3516 Gen Set	
8C3182	3RC	G3516	
8C4385	51Y	3512 Vehicular	
8C6978	23Z	3508 Gen Set	
8T3344	96Z	3512 Truck	3052310
9X6243	3RC	G3516	
9X6592	72Z	3516 Marine	

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CYLINDER HEAD			
PART #	SERIAL NUMBER PREFIX	APPLICATION	REFERENCE
1144793	1JZ - 6TJ - 23Z - 68Z - 69Z - 70Z - 95Y - 96Y - 99W	3508	
1149437	96Z	3512	2932990
1151419	7YG	3508 Off Highway	
1151432	3MS - 4WJ	3512 Tractor	2932920
1266669	24Z - 49Y	3512	2280745
1591542	4MJ1-177 - 4XF - 5SJ - 54H - 25Z - 27Z - 28Z - 29Z - 71Z - 72Z - 73Z	3516	
1714116	4WD - 9TG	G3508	
1790096	4EK - 5PN - 8LD	G3516	2919139
2320662	2PK - 3NS	3516	
2320663	1GZ - 1PW - 4AW - 4TN - 6WN 7HM - 8BR - 8EM - 8RM	3512B Truck - Marine	2409649
2320664	2GR	3508B	2929202
2409637	1HZ - 2FW - 6HN - 7RN - 7TR - 8CN - 8KN - 9AN	3516B Marine	3436816
2409638	9KF - 71Z - 73Z	3516 Marine - Gen Set	2927078
2929090	2JF	G3508	
2929121	4KC	G3512	
3062364	S2B	3508	3436933
3066823	CBN	3508-3512-3516	3436898
3161219	2GR	3508	3436912
3193863	8WM	3516B Off Highway	3436901
3196137	8WM	3516B Off Highway	3436908
3436926	67Z - 73Z	3508-3512-3516	
3550762	2JF - 3RC - 4KC	G3508- G3512-G3516	
3550764	4EK - 7NJ - CEY	G3508- G3512-G3516	
3550765	GAS - GSB - GZA - GZB - GZE - GZG - GZH GZL - GZM - GZN - GZZ - RLP	G3516-G3520	
3550767	23Z - 24Z - 29Z - 50Y - 66Z - 67Z 69Z - 70Z - 72Z - 96Y	3508-3512	
3550768	2WK - 4MJ1-177 - 6TJ - 9KF - 54Z	3508-3512-3516	
3550769	2GR - 6TJ - 23Z - 24Z - 25Z - 27Z - 28Z - 29Z 51Y - 54Z - 65Z - 68Z - 71Z - 72Z - 73Z - 95Y 96Z - 97Y - 99W - CTF - PTG - YAX	3508-3512-3516	
3550770	1LM - 1ZF - 4MJ1-177 - 4XF - 5SJ - 51Y	3512-3516	
3550771	2PK - 3PS - 3SS	3508-3512-3516	

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CYLINDER HEAD (CONT.)

PART #	SERIAL NUMBER PREFIX	APPLICATION	REFERENCE
3550772	1PW - 2AF - 2BM - 2GW - 3CW - 4BW 4TN - 5PS - 6HZ - 7HM - 7SM - 7TR 8CN - 8DF - 8EM - 8RM - 9AN - 9WF - BCK	3508B-3512B-3516B	
3550773	1PW - 1TW - 2AF - 2BM - 2FW - 2GW - 3CW 3DM - 3DW - 4BW - 4TN - 7HM - 7SM 8CN - 8DF - 8EM - 8KN - 9AN - 9WF - BAG CBN - CDE - DPN - E3W - E3X - E3Y - F1X - FFG JTS - LPD - MKH - PAG - PWG - S2A - S2E S2F - S2H - S2K - S2L - S2M - S2N S2P - S2S - S2T - S2W - S2X - SLM - TAK - TTA - TTD - TTH - TTJ	3508-3512-3516	
3550774	2GR - 2PK - 3LS - 3MS - 3NS - 4WJ - 6PM - 7KM - 7YG	3508-3512-3516	
3550775	2GR - 4AW - 4GM - 5AW - 6HN - 6WN - 7TR 8BR - 8RM - BPJ - C8T - FDN - PTM	3508-3512-3516	
3550776	2EZ - 2GR - 4AW - 4GM - 5AW - 6HN - 6PN - 6WN - 7RN - 7TR - 8BR - 8EM - 8KN - 8RM - 8WM - 9AN - 95Y B7F - C8T - GZS - JDM - KEM - LLA - LLB - PTF - R1A - R1S - RMS - SBG - SBJ - SEK - SFJ - SLM - T3P T3R - TTB - TTC - YAM - YAN - YAZ - ZAH - ZAJ - ZAP	3508-3512-3516	
3666189	54Z	3516 Truck	
3674286	2PK	3516 Off Highway	
3E3329	1ZF - 3YF - 4XF	3508-3512-3516 Gen Sets	
4420681	2GR - 2PK - 54Z - 65Z - 71Z - 96Z - 99W	3508-3512-3516	
4421340	2GR - 7TR - 8BR - 8NZ - 8WM B8F - BCK - BRC - C8T	3508B-3512B-3516-3516B	
4421702	F1X - F2X - NJT - PWG - T2X	3508-3512-3516 Locomotive	
4422005	2GR - 2PK - 4WJ - 7YG - B7F	3508-3512-3516	
4425189	3ZW - 5PS - 6HZ - 7TR - BCK	3508-3512-3516	
4549181	4EK - 7NJ - CTN - DLR - WPN - ZBA	G3516	
4551151	JEF	G3516B	
4582919	2HW - 6PN - CBB - LLC - LLE	3508	
4582952	1TW - 2BM - 3DM - 4TN - 7HM - 7SM MHA - S2B - S2D - S2E - YAP	3508B-3512B Marine	
4583417	6WW - 23Z - 24Z - 49Y - 68Z - 69Z - 70Z - 95Y CMD - CMJ - CNF - CTD - CTF - FDR - GZR GZX - PTG - PTH - PTK - ZAF - ZAL	3508-3512-3516	
4621307	3ZW	3512B	
4639257	1NW - 2JW - 4AW - 6GW - 7RN - 8NW - 8RM - 9G8 - 9G9 - BLF - BPJ - CAN - CMC - FDN - FDX - GD3 GZS - GZY - KEN - LDF - LDJ - LEK - MLM - NAM PBR - PTM - SBK - SK3 - YAP - YAR - YAT - YAW - YAY YBT - YBW - ZAH - ZAJ - ZAL - ZAP - ZBP - ZBR	3508-3512-3516	
4640896	8TW - 25Z - 67Z - 73Z - RKT - YAL - YAS - YBS - ZAL	3508-3512-3516	
8C6532	27Z - 71Z	3516 Industrial	
9X8304	27Z - 71Z	3516 Industrial	

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EXHAUST MANIFOLD			
PART #	SERIAL NUMBER PREFIX	APPLICATION	REFERENCE
1002944	4MJ	3516 Marine	
1002945	4MJ1-177 - 5SJ	3516	
1265777	28Z	3516	
1267951	4XF - 5SJ - 6HN	3516 Gen Set	
1300142	4AW - 6WN - 8RM	3512B Gen Set	
1300919	4GM - 6PN	3508B	
1388678	4WJ	3512	
1402037	1LM	3512	
1406115	2GR - C8T	3508	
1427347	7YG	3508	
1440377	9KF1-104	3516 Vehicular	
1444265	7YG	3508	
1447669	4WJ	3512 Off Highway	
1454681	23Z - 70Z - 95Y	3508	
1458730	99W	3508 Off Highway	
1468946	6WW - 24Z - 49Y - 65Z - 67Z	3512	
1490069	2GR	3508B	2795679
1494706	54Z	3516 Wheel Loader	
1499308	2GR	3508B Dozer	2915432
1503343	54Z	3516 Off Highway	
1518510	2GR - 99W	3508 Dozer	
1539373	2GR	3508 Excavator	
1544250	8BR	3512B Off Highway	
1591971	25Z	3516 Gen Set	
1628246	7KM	3516 Gen Set	
1643618	1HZ - 7RN	3516B Gen Set	
1644424	1GZ - 8RM	3512B Gen Set	
1649509	7TR	3512B Off Highway	
1709178	4MJ1-177	3516 Marine	
1709180	8CN - 8KN - 9AN	3512B Marine	
1709182	4TN - 7HM - 8EM	3512B Marine	
1709183	2PK - 7TR	3516 Off Highway	
1709188	54Z	3516 Mine Truck	
1709190	2FW	3516B Marine	
1709192	2FW	G3516	
1892185	2GW	3512B Marine	
2001877	67Z - PTM	3512-3512B Gen Set	
2011526	2HW - 3LS - CBB	3508B Gen Set	

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EXHAUST MANIFOLD (CONT.)

PART #	SERIAL NUMBER PREFIX	APPLICATION	REFERENCE
2129535	23Z - 69Z - 70Z - 95Y - 96Y	3508 Marine	
2129557	2JF - 4WD - 9TG	G3508 - G3516	
2129586	4WD	G3508	
2135233	24Z - 50Y - 66Z - 67Z	3512 Gen Set - Marine	
2136159	4KC - 5JD	G3512	
2138467	3RC - 4EK - 5PN - 8LD	G3516	
2138798	25Z - 29Z - 72Z - 73Z	3516 Gen Set - Marine	
2139312	3RC - 8LD	G3516	
2139858	72Z - 73Z	3516 Gen Set - Marine	
2146873	3RC	G3516	
2167039	7NJ	G3512	
2167075	7NJ	G3512	
2216945	9AN - BCK	3516B Marine - Locomotive	
2216976	CBN	3516	
2219282	3PS	3508 Marine	
2826633	2BM - 7SM	3508B Marine	
3061785	GZS	3516B Gen Set	
3064405	LLA	3512C Petroleum	
6V3768	24Z - 50Y - 51Y	3512	
6V5499	68Z - 95Y - 97Y	3508 Gen Set	
6V5951	23Z - 69Z - 70Z - 96Y	3508	
6V6433	65Z	3512 Industrial - Gen Set	
6V7256	25Z - 28Z - 71Z - 73Z	3516	
6V7257	25Z	3516	
7X2849	4KC	G3512	
7X7692	1ZF	3508 Gen Set	
7X7708	3YF - 51Y	3512	
8C3168	99W	3508 Dozer	
8C3180	5KD	G3516	
8C6928	54Z	3516 Off Highway	
8C6976	23Z	3508 Gen Set	
8T3341	96Z	3512 Off Highway	
8T8186	24Z - 51Y - 65Z	3512 Gen Set	
9X8308	68Z - 97Y	3508 Gen Set	
9X8309	24Z - 49Y - 51Y - 65Z - 67Z	3512 Gen Set	
9X8310	51Y	3512 Gen Set	
9X8311	3MS	3512 Gen Set	

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EXHAUST MANIFOLD (CONT.)

PART #	SERIAL NUMBER PREFIX	APPLICATION	REFERENCE
9X8313	25Z - 28Z - 71Z - 73Z	3516	
9X8314	99W	3508 Dozer	
9X8315	99W	3508	
9X8316	96Z	3512 Off Highway	
9X8317	25Z - 54Z	3516 Off Highway	

EXTERNAL OIL PUMP

PART #	SERIAL NUMBER PREFIX	APPLICATION	REFERENCE
1187860	2WK - 4GM	3508-3512-3516	
1266666	4KC586-Up - 25Z	G3512-G3516	
1267952	5SJ	3516 Gen Set	
1300922	1PW - 2FW - 3CW - 5AW - 6PM - 7KM - 8DF	3508B Gen Set	
1358813	49Y - 486 - 925 - 65Z602-886 24Z - 49Y - 50Y - 65Z	3512-3516	
1388681	4WJ	3512	
1418850	2PK - 3ZW - 54Z	3516 Off Highway	
1497051	4EK - 4KC	G3512-G3516	
1544252	8BR	3512B Truck	
1975346	2GR - 7YG - 99W - C8T	3508-3516	
2190280	1LM - 1PW - 2BM - 2EZ - 2FW - 2GW - 2HW - 2JW - 2PK - 3CW - 3LS - 3MS - 3NS - 3PS - 3RS - 3SS - 4AW - 4BW - 4GM - 4MJ1-177 - 4TN - 4WJ - 4XF - 5AW - 6GW - 6HN - 6PM - 6PN - 6WN - 6WW - 7HM - 7KM - 7SM - 7TR - 8BR - 8CN - 8DF - 8EM - 8KN - 8R 97Y - 9AN - 9WF - 23Z - 24Z - 25Z - 27Z - 28Z - 29Z - 49Y - 50Y - 51Y - 54Z - 65Z - 66Z - 67Z - 68Z - 69Z - 70Z - 71Z - 72Z - 73Z - 95Y - 96Y - BCK - FDN - ZAP	3508-3512-3516	
2981919	CBB	3508B Industrial	
3010591	3DM	3508B Marine	
3015277	2GR	3508B	
3061796	GZS	3516B Gen Set	
3062339	S2B	3508	
3127758	8WM - 67Z - S2J - YAM - ZAH	3512B	
3157801	2GR - 7TR - 8NZ - 8WM - JDM	3508-3512-3516	
3193830	8WM	3516B Off Highway	
3491409	7TR - 8BR - CBN	3508-3512-3516	
4378254	2FW - 6HZ - 8WM - 9AN - 54Z - F1X - SLM	3508-3512-3516-3520	
9X6248	54Z	3516	
9X6599	5SJ - 27Z	3508-3512-3516	

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EXPANSION TANK

PART #	SERIAL NUMBER PREFIX	APPLICATION	REFERENCE
6V3783	23Z - 24Z - 25Z - 29Z - 50Y - 66Z 67Z - 69Z - 70Z - 72Z - 73Z - 96Y	3508 - 3512 - 3516	

FRONT ENGINE STRUCTURE

PART #	SERIAL NUMBER PREFIX	APPLICATION	REFERENCE
1063381	2PK - 4WJ	3512-3516	
1109445	7YG	3508 Tractor	
1187855	2WK - 4MJ1 - 177	D&G 3500	
1210917	4XF - 5SJ - 6WN	3516 Gen Set	
1265778	28Z - 5SJ	3516	
1268140	4MJ1 - 177	3516 Marine	
1268208	5PN	G3516	
1286253	7YG	3508 Excavator	
1287056	2PK	3516 Excavator	
1299921	4GM - 6HN - 6WN - 8RM	D&G 3500	
1388677	4WJ	3512	
1401366	8CN	3512B Marine	
1402036	1LM	3512	
1403105	2BM - 7HM	3508B Marine	
1406114	2GR	3508	
1418848	2PK	3516 Off Highway	
1424927	4GM - 6HN - 7TR	3508B - 3516B	
1426901	2PK	3516 Off Highway	
1427346	7YG	3508	
1433623	4EK - 7NJ1-252 - 7RN	D&G 3512-G3516	
1452569	1PW - 2FW	3508B-3512B-3516B Marine	
1454680	23Z - 68Z - 70Z - 95Y	3508 Industrial - Gen Set	
1454923	4XF - 24Z - 65Z - 71Z - 73Z	3508-3512-3516	
1457813	4KC - 39Z - 50Y - 66Z - 70Z - 72Z - 96Y	3508-3512-3516	
1458729	99W	3508 Off Highway	
1490068	2GR	3508B Wheel Loader	
1494704	54Z	3516 Wheel Loader	
1497048	4EK - 4KC - 8LD - 9TG	G3508- D&G 3512-G3516	



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FRONT ENGINE STRUCTURE (CONT.)

PART #	SERIAL NUMBER PREFIX	APPLICATION	REFERENCE
1503342	54Z	3516 Off Highway	
1504056	54Z	3516 Off Highway	
1518509	99W	3508 Tractor	2902522
1539372	2GR	3508 Excavator	2832244
1544249	8BR	3512B Off Highway	
1628245	3NS - 7KM	3516-3516B Gen Set	
1636529	7TR	3516 Off Highway	
1641914	3ZW	3508-3512	
1642281	1JZ - 1LZ	3508-3516 Gen Set	
1643617	1HZ	3516B Gen Set	
1644423	1GZ	3512B Gen Set	
1644546	1KZ	3512 Gen Set	
1649508	7TR	3516B Off Highway	
1651681	4EK - 7NJ - 7RN	G3512-G3516	
1652321	29Z	3516 Marine	
1657573	1ZF - 3MS - 4XF - 23Z - 24Z - 51Y - 95Y - 97Y - 99W	3516 Marine	
1657767	67Z	3512 Gen Set	
2323372	23Z - 70Z	3508	
2688144	8BR	3512	
3010583	7SM	3508B Marine	
3047208	2GR - 8BR - JDM	3508-3512-3516	
3061783	GZS	3516B Gen Set	
3950536	F1X	3508C Locomotive	
3E8915	7YG	3508	
3E9882	54Z	3516 Wheel Loader	
4237841	ZAP	3516B Gen Set	
4263514	1PW - 3DW - 8EM - E3W - E3X - E3Y - LLB S2A - S2G - S2K - S2N - SLM - TTF - TTG	3508-3512	
4287330	PTG - YAK - YAX - ZAF	3512 Gen Set	
4337511	LJW	3508-3508B	
4346514	4AW - LLA - RMS - YAM - ZAH	3508-3512-G3516	
4360086	1TW - 2FW - 7SM - 8KN - 9AN - BAG - CBN E3W - PES - S2B - S2E - S2J - S2L - S2P S2T - SLM - TTB - TTC - TTF - TTH	3508-3512-3516	
4400769	2AF - GD3	3512B-3516B	

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FRONT ENGINE STRUCTURE (CONT.)

PART #	SERIAL NUMBER PREFIX	APPLICATION	REFERENCE
4549090	4EK - CTL - L6K - L6L - WPW	G3508-G3516	
4579709	29Z - 50Y - 51Y - 66Z - 69Z - 72Z - 95Y - 96Y - S2K	3508-3512-3516	
4582902	6PN	3508B Gen Set	
4600638	1NW - 2EZ - 3DM - 4TN - 8EM - S2B - S2D - S2H - S2J - S2L	3508B-3512B-3516B	
4620793	49Y - 70Z - 73Z - 95Y	3512-3516 Gen Set	
4640483	7RN - BPJ - FDN - GZS - GZY - NAM - PBR - YAT - YAW - YBT - YBW - ZAL - ZAP - ZBP - ZBR	3512-3516	
4640894	8TW - 25Z - YAS - YBS - ZAL	3508-3512-3516 Gen Set	
4641453	4AW - 7RN - 8RM - CAN - PWG - YAN - ZAH - ZAJ	3512B	
4651573	2GW - 3PS - 3RS - 3SS - 4BW - 4TN - 7HM 8KN - 9AN - CDE - JTS - JTS - PAG - S2L - S2R S2S - S2W - S2X - TTA - TTD - TTJ	3508-3512-3516	
4923478	6GW - 8RM - CMC - PTF - PTM - YAY - ZAH	3512B Gen Set	
4925099	2WK - 3HM - 5SJ - 6HN - 6TJ - 9KF - 23Z - 24Z 25Z - 27Z - 29Z - 49Y - 50Y - 65Z - 66Z - 67Z 68Z - 69Z - 70Z - 71Z - 72Z - 73Z - 95Y - 96Y CMD - CMJ - CNF - CTD - CTF - FDR - GZR GZX - LLF - PTG - PTH - PTK - ZAF - ZAL	3508-3512-3516	
4983525	YAP - YAR	3512-3516 Gen Set	
6V3776	24Z - 25Z - 27Z - 28Z - 51Y - 65Z - 67Z - 71Z - 73Z	3508-3512-3516	
6V5980	95Y - 96Y	3508	
6V5982	50Y - 65Z - 66Z	3508-3512	
8C5459	54Z	3516 Truck	
8T3346	54Z - 96Z	3516 Truck	
8T7821	99W	3508	
8T8189	38Z - 65Z - 71Z	3512 - 3516	
9X6594	1ZF	D&G 3512 - G3516	

FUEL SYSTEM

PART #	SERIAL NUMBER PREFIX	APPLICATION	REFERENCE
1002943	4MJ	3516 Marine	
1051863	4KC	G3512	
1063380	2PK - 4WJ - 7HM - 8BR - 8CN	3512-3516 Off Highway	2854191
1086999	2WK - 25Z	3512 Vehicular - 3516 Gen Set	

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FUEL SYSTEM (CONT.)

PART #	SERIAL NUMBER PREFIX	APPLICATION	REFERENCE
1187854	7NJ - 9TG	G3512	
1188191	4EK	G3516	
1287055	2PK	3516 -3516B	
1299920	2FW - 4TN - 7RN - 8KN - 9AN	3512B-3516B	
1300141	1PW - 4AW - 8EM - 8RM	3512B Marine - Gen Set	
1300918	2HW - 3DM - 6PN - 7SM	3508B Marine - Gen Set	
1388676	4WJ	3512 Tractor - 3512B Marine	
1401727	4GM - 6HN - 6WN	3508B-3512B-3516B Gen Set	
1402035	1LM	3512	
1418847	2PK - 7YG	3508B Marine - 3516 Truck	
1419635	7YG	3508 Dozer - Truck	2855340
1424926	7TR	3516B Off Highway	2855342
1440375	1JZ - 6TJ1-13 - 9KF1-104 - 23Z	3508 Locomotive	
1454679	68Z - 95Y	3508 Industrial	
1455934	23Z - 70Z	3508 Gen Set	
1457812	69Z	3508 Marine	
1457817	69Z - 96Y - 97Y	3508 Marine	
1458728	99W	3508 Off Highway	2862431
1468945	49Y - 65Z - 67Z	3512	
1469768	1KZ - 3YF - 24Z - 67Z	3512 Gen Set	
1470183	50Y - 66Z	3512 Marine	
1475079	3RC	G3516	
1475961	1LZ - 4XF - 25Z - 73Z	3516 Gen Set	
1490067	2GR	3508-3508B	2855525
1494703	54Z	3516 Off Highway	2855534
1496361	2PK	3516B Off Highway	2855841
1518508	99W	3508 Dozer	2855865
1544248	8BR	3512B Off Highway	2855867
1641913	1FZ - 5PS	3508B Vehicular - Gen Set	
1644421	1GZ	3512B Gen Set	
1649507	7TR	3516B Off Highway	2855892
1714108	7NJ - 9TG	G3508-G3512	
1714109	7NJ	G3512	
1714110	7NJ	G3512	

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FUEL SYSTEM (CONT.)			
PART #	SERIAL NUMBER PREFIX	APPLICATION	REFERENCE
1714112	4EK	G3516	
1722386	25Z	3516 Gen Set	
2688142	8BR	3512-3512B Off Highway	
2688154	1NW - 1PW - 1TW - 2AF - 2BM - 2EZ - 2FW 2GW - 2GR - 2HW - 2PK - 3CW - 3DM - 3DW - 3PS - 3RS - 3SS - 3ZW - 4AW - 4BW - 4DR 4GM - 4TN - 5PS - 6GW - 6HN - 6HZ - 6PN 6WN - 7HM - 7RN - 7SM - 7TR - 7YG - 8BR 8CN - 8DF - 8EM - 8KN - 8NW - 8NZ - 8RM 8WM - 9AN - 9G8 - 9G9 - 9WF - B7F - B8F BAG - BCK - BLF - BPJ - BPX - BRC - C8T CAN - CBB - CBN - CDE - CMC - E3W - E3X E3Y - ED2 - EDY - F1X - F2X - FDN - FDX FFG - GD3 - GS2 - GZS - GZT - GZY - JCN - JDM - JM3 - JTS - KEN - LDF - LDJ - LEK - LLA LLB - LLC - LLE - LLK - LPD - MHA - MKH - MLM NAM - NJT - NSC - PAG - PBR - PES - PTF - PTM - PWG - R1A - R1S - RMS - S2A - S2B S2D - S2E - S2F - S2G - S2H - S2J - S2K - S2L S2M - S2N - S2P - S2R - S2S - S2W - S2X - S2Z - SBG - SBJ - SBK - SEK - SFJ - SK3 - SLM TAK - TTA - TTB - TTC - TTD - TTF - TTG - TTH TTJ - WF3 - WF5 - YAM - YAN - YAP - YAR - YAT YAW - YAY - YAZ - YBB - YBD - YBT - YBW - ZAH - ZAJ - ZAL - ZAP - ZAR - ZBP - ZBR	3508-3512-3516	
2853587	2GR - 7YG - C8T	3508	
2855894	1PW - 2EZ - 2FW - 2GW - 2HW - 2JW - 3CW 3PS - 3RS - 3SS - 3ZW - 4AW - 4BW - 4TN - 5AW - 6GW - 6PM - 6PN - 7KM - 7SM - 8DF - 8EM - 8KN 8RM - 9AN - 9WF - BCK - CMC - FDN - ZAH - ZAP	3508B-3512B-3516B Gen Set	
2857937	25Z - 27Z - 70Z - 73Z	3508-3512-3516	
2981908	CBB	3508B Industrial	
3010431	3DM	3508B Marine	
3047209	2GR	3508B Off Highway	
3062329	S2B	3508B Marine	
3064403	LLA	3512C Petroleum	
3066820	1NW - 2FW - 3CW - CBN	3516B Marine	
3127691	67Z	3512 Gen Set	
3156218	2GR - C8T	3508B Wheel Dozer - Loader	
3488631	DLS	3508-3508B	
3E3288	4KC	G3512	
3E9880	54Z	3516 Wheel Loader	
6V5994	70Z	3508 Gen Set	
6V5996	51Y	3512 Vehicular - Industrial	

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FUEL SYSTEM (CONT.)

PART #	SERIAL NUMBER PREFIX	APPLICATION	REFERENCE
6V5998	50Y	3512 Industrial - Marine	
6V6354	24Z	3512 Gen Set - Industrial	
6V6356	66Z - 69Z - 96Y	3508-3512 Marine	
6V6434	25Z - 72Z - 73Z	3512-3516 Marine - Gen Set	2853610
6V7468	29Z	3516 Marine	
7X2848	4KC	G3512	
7X7709	3YF - 4XF - 9KF	3516 Locomotive - Gen Set	
8C4058	65Z	3512 Industrial	
8C4380	25Z	3516 Gen Set	
8C4383	73Z	3516 Gen Set	
8C4410	27Z - 29Z - 71Z - 72Z	3516 Marine - Industrial	
8C5452	54Z	3516 Off Highway	
8C6788	99W	3508 Dozer	
8C6929	54Z	3516 Off Highway	2854113
8C6974	1ZF - 23Z	3508 Gen Set	
8T3352	96Z	3512 Off Highway	2860673
8T7886	50Y - 66Z - 69Z - 96Y - 97Y - 99W	3512 Marine	
8T8190	24Z - 67Z	3512 Gen Set	
8T9024	49Y - 68Z - 95Y	3512 Locomotive	
9X6593	3RC	G3516	

HYDRAULIC CONTROLS

PART #	SERIAL NUMBER PREFIX	APPLICATION	REFERENCE
1063389	2BE - 6LE	3512-3516 Off Highway	1064569
8T7510	1FX - 1SC - 2PE	3508-3512B	

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OIL COOLER & LINES

PART #	SERIAL NUMBER PREFIX	APPLICATION	REFERENCE
1002946	4MJ1-177	3516 Marine	
1109446	7YG	3508 Dozer	
1187859	2JF - 3RC - 4EK - 4WD - 5JD - 7NJ - 8LD - 9TG - 25Z	G3508- G3512-G3516	
1263256	4MJ1-177 - 7KM - 28Z - 95Y	3516	
1264178	5SJ	3516	
1268209	5PN	G3516	
1286255	7YG	3508 Excavator	
1287057	2PK - 3NS - 4XF	3508-3516	
1299923	7RN1-421 - 8RM	3512B Gen Set	
1300921	3DM - 6PN - 7SM	3508B Marine - Gen Set	
1358812	3ZW - 8RM - 65Z - 71Z - 73Z	3512-3516	
1401153	5SJ	3512-3516	
1401367	7HM - 8CN	3512B - Marine	
1406116	2GR	3508	
1424929	7TR	3516 Mine Truck	
1426902	2PK	3516 Off Highway	
1427348	7YG	3508	
1454682	23Z - 68Z - 69Z - 70Z	3508 Marine	
1468947	6TJ - 65Z	3512-3516	
1490071	2GR	3508-3508B	
1494707	54Z	3516 Wheel Loader	
1497050	GZX - RKT	G3516	
1499310	2GR - 7YG	3508 Dozer	2155562
1499311	2GR	3508B Dozer	
1504058	54Z	3516 Mine Truck	
1512147	7YG	3508 Dozer	
1518511	99W	3508 Dozer	2323373
1539374	2GR	3508 Excavator	
1544251	8BR	3516B Off Highway	
1649510	7TR	3516B Off Highway	
1722294	25Z	3516 Gen Set	
1782987	2PK - 7TR - 54Z	3516 Off Highway	
2688150	8BR	3512 Tractor - 3412B Truck	

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OIL COOLER & LINES (CONT.)

PART #	SERIAL NUMBER PREFIX	APPLICATION	REFERENCE
2947366	1LM - 4GM - 6WN - 24Z	3508B-3512-3512B Gen Set	
2981915	7SM	3508B Industrial	
3015276	2GR	3508B	
3047210	JDM	3508	
3061795	GZS - YAM - ZAH	3512B Gen Set	
3157857	2GR - C8T	3508B Dozer	
3193828	8WM	3516B Off Highway	
4260447	1TW - 2FW - 3DW - 4AW - 6HZ - 8EM - 9AN - BAG - CTF - E3W - E3Y - LLA - PTG - RMS - S2A - S2E - S2G - S2L - S2P - S2T TTB - TTF - TTH - ZAH - ZAP	3508-3512-3516	
4337502	LJW	3508 Off Highway	
4400817	2AF - LLB	3512B	
4415230	2AF - FFG - LLA - LLB - MHA - PWG - YAZ	3512-3516	
4571023	69Z - 70Z - 96Y	3508	
4575251	1NW - 2HW - 3DM - 6PN - 7SM - 24Z - 27Z - 50Y - 65Z - 67Z - 68Z - 69Z - 70Z - 71Z - 95Y - 96Y - CBB - F1X - LLC - S2B - S2D - S2E - TTA	3508-3512-3516	
4576092	3DW - 8RM - LLE - SBG - SFJ - YAZ	3508-3512-3516	
4598287	2GR - C8T	3508-3512B	
4620795	8KN - 8TW - 23Z - 24Z - 25Z - 29Z - 49Y - 50Y - 66Z - 67Z - 69Z - 70Z - 72Z - 95Y - JCN - RKT - T3R - YAL - YAS - YBS - ZAL - ZAP	3508-3512-3516	
4639564	2GW - 3CW - 3PS - 3RS - 3SS - 4TN - 8KN - CDE - FFG - GD3 - KEN - NAM	3512-3516	
4640329	2EZ - 4AW - 4TN - 7RN - 8EM - 8NW - 72Z - BLF - BPJ - CBN - E3W - E3X - FDN - FDX - GS2 - GZS - GZT - GZY - LEK - LLK - NAM - PBR - PES - PWG - S2G - S2H - S2J - S2K - S2L - S2N - S2S - S2W - S2X - TTC - TTD - TTF - YAM - YAR - YAT - YAW - YBT - YBW - ZAH - ZAL - ZAP - ZBP - ZBR	3508-3512-3516	
4640895	6GW - 24Z - 29Z - 50Y - 66Z - 73Z - YBS	3512-3516	
4642709	6HN - 25Z - 51Y - CAN - ZAH	3516 Gen Set	
4643645	4BW - 4TN - 8EM - 8KN - 9AN - S2R - S2S S2X - YAT - YAW - ZAR	3512B-3516B Marine	
4660674	1TW - 3DM - 7SM - SBJ	3508B Marine	
4671967	2GR - 4ZL - 99W - C8T - JDM	3508 Truck - 3508B Tractor	

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OIL COOLER & LINES (CONT.)

PART #	SERIAL NUMBER PREFIX	APPLICATION	REFERENCE
4920914	2JW - 2WK - 3HM - 5AW - 5PS - 5SJ - 6TJ - 6WW - 8RM - 9G8 - 9KF - 23Z - 24Z - 25Z - 27Z - 29Z - 49Y - 50Y - 65Z - 66Z - 67Z - 68Z - 69Z - 70Z - 71Z - 72Z - 73Z - 95Y - 96Y - BCK - CMC - CMD - CMJ - CNF - CTD - CTF - FDR - GZR - GZX - LDF - LLF - PTF - PTG - PTH - PTK - PTM - T2X - T3P - YAN - YAP - YAR - YAX YAY - ZAF - ZAH - ZAJ - ZAL	3508-3512-3516	
6V1509	1AF - 51Y	3306-3512	
6V3782	24Z - 50Y	3512 Gen Set - Marine	
6V3797	51Y	3512 Vehicular	
6V4708	2PK	3516	
6V5903	95Y	3508 Industrial	
6V7263	25Z - 27Z - 29Z - 71Z - 72Z - 73Z	3516	
7X7726	3YF - 4XF - 9KF	3512-3516	
8C3170	99W	3508 Dozer	
8C4386	23Z - 24Z	3508-3512 Gen Set	
8C5493	54Z	3516 Truck	
8T3351	51Y - 96Z	3512 Vehicular	
8T4866	3RC - 4KC - 24Z - 25Z - 27Z - 29Z - 49Y - 50Y - 65Z - 66Z - 67Z - 68Z - 69Z - 71Z - 72Z - 73Z - 95Y - 96Y	3512-3516	4575251
8T7826	99W	3508	
8T7887	97Y	3508 Vehicular	
9X6247	3RC - 4EK	G3516	
9X6598	5SJ - 27Z	3508-3512-3516	
9X8261	23Z	3508 Gen Set	

OIL PUMP

PART #	SERIAL NUMBER PREFIX	APPLICATION	REFERENCE
4227389	1PW - 4AW - 4TN - 7SM - 8EM - CMC - E3X - E3Y - KEN - LLA - LLB - PES - PTF - PTG - R1A - RMS - S2E - S2G - S2H - S2K - S2L - S2N - S2P - SBG - SBJ - SFJ - T2X - TTC - TTD - TTH - YAK - YAM - YAN - YAR - YAX - YAY - YAZ - ZAF - ZAH - ZAJ	3508-3512-3516	
6V1531	49Y - 50Y	3512	
6V3775	24Z - 49Y - 50Y - 51Y	3512	
6V5502	95Y	3508 Industrial	
7X7696	1ZF	3512 Gen Set	
7X7714	2JF - 3YF - 4KC - 4XF - 9KF - 25Z - 51Y	3508-3512-3516	
8T3345	96Z	3512 Truck	

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REAR ENGINE STRUCTURE

PART #	SERIAL NUMBER PREFIX	APPLICATION	REFERENCE
1109447	7YG	3508 Dozer	2923144
1286256	7YG	3508 Excavator	2923495
1287059	2PK	3516B Excavator	2923526
1490073	2GR	3508B Wheel Loader	2923522
1518512	99W	3508 Dozer	2923506
1537514	2PK	3516 Excavator	2923502
1539376	2GR	3508 Excavator	2831707
1782982	1PW - 2BM - 2FW - 3CW - 3ZW	3508-3512-3516	
1986060	2PK - 7TR - 54Z	3516 Off Highway	
2003887	2JW - 3NS - 4GM - 6HN - 6WN - 7KM - 8RM - CMC - ZAH	3508-3512-3516	
2011519	2WK - 3MS - 4AW - 5AW - 6TJ - 8RM - 23Z - 24Z - 65Z - 67Z - 71Z - 70Z - 73Z	3508-3512-3516	
2044442	2GR - 7YG - C8T	3508-3508B Dozer	4682849
2069982	1LM - 4MJ1-177 - 4XF - 5SJ - 7HM - 8CN - 25Z - 27Z - 51Y	3512-3516	
2072434	2JF - 3RC - 4EK - 4KC - 4WD - 5JD - 5PN - 7NJ - 8LD - 9TG	G3508- G3512-G3516	
2072443	7KM - 28Z - 51Y - 97Y	3508-3512-3516	
2923127	54Z	3512-3516	
2981997	3DM - GZA - GZB - GZM - RLP	3508B-3508C	
3015281	2GR	3508B Wheel Dozer	
3047211	7TR - JDM	3508-3516	
3061797	GZS - YAM - ZAH	3512B Gen Set	
3062344	3DW - 4AW - S2A	3508B Marine 3512B Gen Set	
3066826	CNF	3516B Marine	
3193839	7TR - 8WM	3516B Off Highway	
3312506	5AW - GZT - GZX - GZY - LEK - PBR - RKT	D&G 3512-3516	
3492848	8WM	3516B Off Highway	
3939135	F2X - LLB	3508C-3512C Locomotive	
4239461	2GW - 3DM - 3PS - 3RS - 3SS - 4AW - 4TN - 8EM - 8TL - 49Y - 73Z - F1X - F2X - LLA - NJT - S2G - S2H - S2K - S2L - S2S - S2W - T2X	3508-3512-3516	



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REAR ENGINE STRUCTURE (CONT.)

PART #	SERIAL NUMBER PREFIX	APPLICATION	REFERENCE
4256713	7HM - BCK - BPX - BRC - PES - RMS - S2D - S2E - S2J - S2P - S2Z	3508-3512-3516	
4288777	6PN - CBN - TTG - YAM - YAP - ZAH - ZAP - ZAR	3512-3516	
4389575	2AF - CAN - R1A - R1S - SBG - ZAJ	D&G 3512-3516-3520	
4415845	1PW - BAG	D&G 3508-3512-3516-3520	
4512005	8CN - LPD - TTC - TTH	3516 Marine	
4549092	CBB - SEK - YAT	3508-D&G 3516	
4574614	GS2 - LLE - PWG - S2B - S2E - S2J - S2L - S2S	3508-3512-3516	
4577652	2HW - 3DM - 6PN - 23Z - 49Y - 65Z - 66Z - 68Z - 70Z - 72Z - 95Y - 96Y - CAL - LLC - RKT - S2B	3508-3512-3516	
4639569	4BW - 4TN - 7HM - 7RN - 8EM - 8NW - 8RM - 8TW - 9AN - 25Z - BPJ - CMC - FDN - FDX - GD3 - GZS - GZT - GZY - KEN - LEK - MLM - NAM - PBR - PTF - PTM - S2R - S2S - S2X - SEK - SLM - YAP - YAR - YAS - YAT - YAW - YAZ - YBS - YBT - YBW - ZAH - ZAL - ZAP - ZBP - ZBR	3516 Gen Set	
4658892	1NW - 2HW - 6GW - 6PN - 23Z - 24Z - 49Y - 66Z - 67Z - 68Z - 69Z - 70Z - 72Z - 95Y - 96Y - CTD - FDN - LLC - PTH - RKT SBK - YAN - ZAJ - ZAP - ZAR	3508-3512-3516	
4660452	1TW - 2BM - 7SM - S2E - TTA - TTB	3508B-3508C Marine	
4661485	8KN - E3W - E3X - JTS - TTF - TTJ	3512C-3516B-3516C Marine	
4661607	9G5 - 51Y - LDE - MKH - PBR - SBJ T3P - T3R - YAM - YAW - YAY - ZAH	3512 Gen Set - Marine	
5007360	2GR - 2PK - 4ZL - 7TR - 8BR - 8WM - 99W - B7F - B8F - C8T	3508-3512-3516 Off Highway	
6V5900	95Y - 96Y	3508 Industrial - Marine	
6V5981	68Z	3508 Marine	
6V5983	9JY - 27Z - 29Z - 50Y - 65Z - 667 - 68Z - 71Z - 72Z	3512-3516	
6V7453	72Z - 73Z	3516 Gen Set - Ind - Marine	
7X7690	1ZF	3508 Gen Set	
8C3165	99W	3508-3508E	2923475
8C6925	54Z	3516 Off Highway	2923473
8T3347	96Z	3512 Off Highway	
8T7822	99W	3508-3508B	2923148
8T7823	99W	3508	2854119

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SINGLE FUEL INJECTOR

PART #	SERIAL NUMBER PREFIX	APPLICATION	REFERENCE
1063385	1PW - 2AF - 2BM - 2FW - 2GW - 2GR - 2JW - 2PK - 3CW - 3LS - 3MS - 3NS - 3ZW - 4BW - 4GM - 4TN - 4WJ - 5AW - 6HN - 6PM - 6WN - 7HM - 7KM - 7SM - 7TR - 7YG - 8BR - 8CN - 8DF - 8EM - 8RM - 9AN - 9WF - BCK - C8T	3508-3512-3516 EUI	
6V9897	1LM - 1ZF - 2WK - 3HM - 4MJ1-177 - 4XF - 5SJ - 6TJ - 6WW - 8TL - 23Z - 24Z - 25Z - 27Z - 28Z - 29Z - 49T - 50Y - 51Y - 54Z - 65Z - 66Z - 67Z - 68Z - 69Z - 70Z - 71Z - 72Z - 73Z - 9KF - 9WN - 95Y - 96Y - 96Z - 97Y - 99W - CTD - CTF - PTG - PTH RKT - YAK - YAL - YAS - YAX - YBS - ZAF - ZAL	3508-3512-3516 MUI	

TORQUE CONVERTER – PLANETARY

PART #	SERIAL NUMBER PREFIX	APPLICATION	REFERENCE
1390702	6LE	3516 Off Highway	
1441141	1EE - 1SY - 9KX	3508 Dozer	
1630862	1SC	3508 Off Highway	
1746829	1SY - 9KX	3508 Dozer	3948237

TRANSMISSION – POWER TRAIN

PART #	SERIAL NUMBER PREFIX	APPLICATION	REFERENCE
8C6932	2BE - 5Y7	3512-3516	Transmission Parts
1109450	7YG	3508 Dozer	Powershift O/H
1556051	9KX	3508 Dozer	Powershift O/H
1556052	1EE - 3VA	3508 Dozer	2976876
1619081	1FX - 1SC - 2PE	3508-3512-3516	
1896380	2BE - 3YB	3512-3516	Powershift O/H
2131307	1SY	3508 Dozer	Powershift O/H
2231101	4GX	3516-3516B Off Highway	Powershift O/H
3E9875	1FX - 1SC - 2PE	3508-3512	
8C3215	1EE	3508 Dozer	Parts & Case
8C3218	1EE	3508 Dozer	Oil Pump
8C5451	6LE	3516 Off Highway	Parts & Case
8C5468	2BE - 6LE	3512-3516 Off Highway	Input Transfer Gear
8C6933	2BE	3512-3516 Off Highway	Parts & Case
8T3355	3YB	3512 Off Highway	Parts & Case
8T7334	1EE	3508 Dozer	Filter Torque

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TURBOCHARGER & TURBO INSTALLATION

PART #	SERIAL NUMBER PREFIX	APPLICATION	REFERENCE
1051864	4KC - 7NJ	G3512	
1402041	1LM - 4XF - 51Y	3512	
1424932	7TR	3516B Off Highway	2795663
1440380	9KF1-104	3516 Vehicular	
1628248	7KM	3516 Gen Set	2795758
1930739	7TR - 8NZ	3516B Off Highway	4340000
2001885	8RM	3512B Gen Set	2822013
2011277	2GR - 8BR	3508-3508B-3512-3512B	
2153046	2JF - 3RC - 4EK - 4KC - 5JD - 5PN - 7NJ - 8LD - 9TG	G3508- G3512-G3516	
2153485	96Y	3508 Marine	
2158127	3ZW - 8DF	3512B Industrial - Vehicular	2850036
2158268	4EK - 7NJ	G3512	2796671
2159808	51Y	3512 Vehicular	2821959
2162612	72Z	3512-3516 Marine	
2162633	66Z	3512 Marine	
2162647	66Z	3512 Marine	
2162959	3RC - 4KC	G3516	
2162973	2WK	3512 Vehicular	2812714
2163023	3NS - 7KM	3516-3516B Gen Set	
2163946	1LZ - 25Z	3516 Gen Set	
2163973	4XF - 5SJ	3516 Gen Set	
2163976	1HZ - 2JW - 6HN - 7RN	3516B Gen Set	
2164064	2FW - 3CW	3516B Marine	
2164072	3SS	3516 Marine	2796685
2166211	25Z	3516 Gen Set	
2166212	25Z - 27Z	3516 Gen Set	2816461
2166313	25Z - 27Z	3516 Gen Set	2816593
2166918	28Z	3516 Vehicular	
2167407	29Z	3516 Marine	
2167756	CEY	G3516B	2796711
2172083	6HN - 6WN	3512B-3516B Gen Set	
2172199	4GM	3508B Gen Set	
2172291	3LS - 6TJ - 23Z	3508-3508B	2822065
2175251	4ZL	3508	4767249
2175880	2GR - 4WJ - 96Z	3512 Off Highway	4674100
2180744	2PK	3516 Off Highway	2797153

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TURBOCHARGER & TURBO INSTALLATION (CONT.)

PART #	SERIAL NUMBER PREFIX	APPLICATION	REFERENCE
2688156	2GR	3508-3512 Tractor - Truck	
2795845	2EZ - 3KD - 4TN - 8EM	3512C Petroleum	
2797190	2PK	3516 Excavator	
2809532	4AW	3512B - Gen Set	
2812505	23Z - 65Z - 68Z - 71Z - 73Z - 95Y	3508 Gen Set - 3512 Gen Set - Ind	
2812898	23Z - 24Z - 50Y - 67Z - 69Z - 70Z - 72Z - 73Z - 96Y	3508-3512-3516	
2814614	25Z - 27Z - 72Z	3512-3516 Marine	
2823657	3EC - 4EK - 4KC - 5PN - 7NJ	G3516	
2987002	1PW - 2BM - 2EZ - 3SS - 3ZW - 5PS - 8DF - 8EM - CBN - FFG - PWG - S2H - S2J - S2S - S2Z	3508B Marine - Industrial	4663776
3015283	2GR	3508B Dozer	
3061800	GZS	3516B Gen Set	
3134914	3MS - 6PM - 24Z - 65Z - 71Z - 73Z - PTG	3512-3516 Gen Set - Industrial	
3160541	LJW	3508B Truck - Dozer	
3193855	8WM	3516 Off Highway	
4272195	E3W - E3Y - T3R - TTF	3512C Marine	
4360137	JTS - TTD - TTH	3516C Marine	
4390457	1PW - 8EM - B7F - CAN - F1X LLB - R1A - R1S - S2T	3508-3512	
4406898	SFJ - YAY	3516 Gen Set	
4465667	6HN - SBK - SEK - YAP - ZAP	3516 Gen Set	
4576112	1TW - 2BM - 2GW - 3DM - 3RS - 4AW - 4TN - 7SM BRC - CBB - LLA - LLE - PES - PT F - S2B - S2D - S2E - S2H - S2K - S2L - S2N - TTA - TTB	3508-3512-3516	
4576719	2WK - 3HM - 5SJ - 6TJ - 6WW - 9KF - 23Z - 24Z - 25Z - 27Z - 29Z - 49Y - 50Y - 65Z - 66Z - 67Z - 68Z - 69Z - 70Z - 71Z - 72Z - 73Z - 95Y - 96Y - CMD - CMJ - CNF - CTD - CTF - FDR - GZR - GZX - LLF - PTG - PTH - PTK - ZAF - ZAL	3508-3512-3516	
4580412	6PN	3508B Gen Set	
4587147	1NW - 2HW - BLF - GZT - LLC - YAZ	3508-3512-3516 Gen Set	
4639811	7RN - BPJ - FDN - FDX - GD3 - GZS NAM - PBR - YAP - YAR - YAT - YAW - YBT - YBW - ZAL - ZAP - ZAR - ZBP - ZBR	3516 Gen Set	
4640898	8TW - 25Z - YAL - YAS - YBS - ZAJ - ZAL	3516 Gen Set	
4727249	2GR - 7YG - 54Z - 99W - C8T	3508-3508B	
4983746	YAM - ZAH	3512-3512B Gen Set	
5189378	2JW - 6HN	3516 Gen Set	
7X7689	1ZF	3508 Gen Set	
8C5544	2PK - 54Z	3516 Off Highway	2795624

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WATER LINES			
PART #	SERIAL NUMBER PREFIX	APPLICATION	REFERENCE
1264175	1PW - 1TW - 2EZ - 2FW - 2GW - 3CW - 3DM - 3PS - 3RS - 3SS - 4BW - 4TN - 50Y - 7KM - 7SM - 8EM - 8KN - 97Y - 9AN - 29Z - 66Z - 69Z - 72Z - 95Y - 96Y - CBN - CDE - E3X - JTS - PES - S2B - S2D - S2E - S2G - S2H - S2J - S2K - S2L S2R - S2S - S2X - TTC - TTF - TTG - TTJ	3508 - 3512 - 3516	
1267956	5SJ162-Up	3516 Gen Set	
1440381	9KF1-104	3516 Vehicular	
1782988	1HZ - 1LZ - 2JW - 3NS - 3RS - 4XF - 5SJ - 6HN - 7KM - 7RN - 9WF - 25Z - 27Z - 28Z - 71Z - 73Z	3516 Gen Set	
1892186	1PW - 2GW - 4TN - 8EM	3512B Marine	
2001886	1LM - 2AF - 2WK - 3LS - 3MS - 3RS - 3ZW - 4AW - 5AW - 6GW - 6PM - 6WN - 8DF - 8RM - 24Z - 49Y - 51Y - 65Z - 67Z - CMC - ZAH	3512-3512B	
2129425	2BM	3508B - Marine	
2129469	2GR - 7YG - 99W	3508 Dozer	
2129518	3DM - 7SM	3508B Marine	
2135182	4KC - 5JD - 7NJ	G3512	
2135221	4KC	G3512	
2137396	7HM	3512B - Marine	
2139207	4MJ1-177 - 8CN	3516 - 3516B Marine	2829648
2143534	2PK - 54Z - 7TR	3516 - 3516B	
2144151	4WJ - 8BR - 96Z	3512 - 3512B	
2167084	4EK - CEY	G3516	2919152
2688201	8BR	3512 - 3512B - 3512C	
2829534	2JW - 3NS - 4XF - 5SJ - 6HN - 7KM - 7RN - 9WF - 25Z - 27Z - 28Z - 71Z - 73Z - FDN - GZS - ZAP - ZAR	3516 - 3516B	



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WATER LINES (CONT.)

PART #	SERIAL NUMBER PREFIX	APPLICATION	REFERENCE
2829625	2FW - 3CW - 4BW - 8KN - 9AN - S2X	3516B Marine	
2986120	1ZF - 2GR - 2HW - 4GM - 5PS - 6PN - 6TJ - 7YG - 23Z - 68Z - 70Z - 95Y - 97Y - C8T - CBB - CTF	3508-3508B	
3010624	1TW - 3DM - 3DW - 7SM - BAG - LPD S2A - S2B - S2D - S2E - S2F - TTB	3508B-3508C Marine	
3015284	2GR - C8T	3508-3508B Wheel Loader	
3047215	2GR - JDM	3508-3508B	
3062350	S2B	3508B Marine	
3126394	67Z	3512-3512B	
3155736	2GR	3508B	
3193856	8WM	3516B Off Highway	
4243497	LLE	3508C-3512C	
4259524	7RN - CTD - RKT - YAL - YAT - YBS - ZAP	3516-3516B-3516C Gen Set	
4263622	2EZ - 2GW - 4TN - 8EM - S2G - S2H - S2J - S2K - S2L	3512B Marine	
4263644	2FW - 3SS - CBN - S2P - S2R - S2T - S2Z	3516 Marine	
4273905	SLM - TTC	3512C Marine	
4347557	LLA - PTF - PTG - YAK - YAM - YAX - ZAF - ZAH	3512-3512B Gen Set	
4354115	LJW	3508	
6V5955	23Z - 96Y	3508 Marine - Gen Set	
6V6430	69Z - 70Z	3508 Marine - Gen Set	
6V7265	25Z - 29Z - 72Z - 73Z	3516 Marine - Gen Set	
7X7687	1ZF	3508-3512	
8C6534	27Z	3516 Industrial	
8C6981	24Z	3512 Gen Set	

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WATER PUMP			
PART #	SERIAL NUMBER PREFIX	APPLICATION	REFERENCE
1287062	2PK	3516 Excavator	
1419643	7YG - 99W	3508-3508B Dozer	
1499317	2GR	3508B Dozer	
1960237	1LM - 1ZF - 2AF - 2JW - 2WK - 3LS - 3MS - 3NS - 4GM - 4XF - 5AW - 5SJ - 6GW - 6HN - 6PM - 6PN - 6TJ - 6WN - 6WW - 7KM - 8DF - 8RM - 9KF - 9WF - 24Z - 23Z - 25Z - 27Z - 28Z - 51Y - 65Z - 68Z - 71Z - 73Z - 95Y - 97Y - BCK - CMC - F1X - F2X - GD3 - GZS - GZS - MLM - NJT - PBR - PTF - PTM - ZAH - ZAR	3508-3512-3516	
2861020	2GR - 2PK - 4WJ - 7TR - 7YG - 8BR - 54Z - 96Z	3508-3512-3516	
3011151	1PW - 2BM - 2FW - 3CW - 3DW - 4MJ1-177 - 7HM - 7TR - 8CN - 9AN - 23Z - 24Z - 25Z - 29Z - 50Y - 67Z - 69Z - 70Z - 72Z - 73Z - 96Y - CBN - EDY - MLM - S2A - S2E - S2J - TKR - YAX	3508-3512-3516	
3015285	2GR - 2PK - 7TR - 9G8 - 9G9 - 8BF C8T - LDF - LDJ - SK3 - T3P - T3R	3508-3512-3516	
3047216	1NW - 1TW - 2GR - 4AW - 4ZL - 6HZ - 6PN - 7RN - 7SM - 7TR - 8BR - 8NW - 8WM - 23Z - 24Z - 25Z - 49Y - 67Z - 68Z - 70Z - 73Z - 95Y - 99W - B7F - BCK - BLF - BPJ - BRC - CAN - CBB CTD - CTF - F2X - FDN - GS2 - GZS - GZY JDM - KEN - LLA - LLB - LLE - LLK - NAM - PBR - PTG - PWG - R1A - R1S - RKT - RMS - S2E - S2F - S2G - SEK - SFJ - T2X - YAL - YAM - YAP - YAR - YAS - YAT - YAW - YAY - YBS - YBT - YBW - ZAH - ZAL - ZAP - ZBP - ZBR	3508-3512-3516	
3062351	1PW - 1TW - 2BM - 2EZ - 2GW - 3DM - 3DW - 3PS - 3RS - 3SS - 4BW - 4TN - 7HM - 7SM - 8EM - 8KN - 9AN - 29Z - 50Y - 66Z - 69Z - 72Z - 95Y - 96Y - BAG - CDE - E3W - E3X - E3Y - FFG - JTS - LPD - PAG - PES - R1A - S2B - S2D - S2E - S2F - S2G - S2H - S2J - S2K - S2L - S2M - S2N - S2P - S2R - S2S - S2T - S2W - S2X - SLM - TTA - TTB - TTC - TTD - TTF - TTG - TTH - TTJ	3508-3512-3516	
6V1532	51Y	3512 Vehicular	
6V1533	50Y	3512 Marine	
6V1534	49Y	3512 Industrial - Locomotive	
8C3169	99W	3508-3508B Dozer	
9X6253	3RC	G3516	

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ADDITIONAL ITEMS CASKETS

PART #	Description	PART #	Description
7J8114	Gasket - Accessory Drive	8N1996	Gasket - Injection Control
1008058	Gasket - Aftercooler	8N2928	Gasket - Inlet Manifold
1525705	Gasket - Aftercooler	7N4945	Gasket - Jacket Water Heater
1W1253	Gasket - Aftercooler	1W1251	Gasket - Lines Group - Air
4N1320	Gasket - Aftercooler	1W5957	Gasket - Lines Group - Air
7C9710	Gasket - Air Bypass	1W7391	Gasket - Lines Group - Air
1857724	Gasket - Air Cleaner	2006547	Gasket - Lines Group - Air
1006178	Gasket - Air Compressor	2N8630	Gasket - Lines Group - Air
7E3772	Gasket - Base - Rocker	4W9002	Gasket - Lines Group - Air
2N8374	Gasket - Belt Tensioner	4W9723	Gasket - Lines Group - Air
7W4149	Gasket - Carburetor	4W9725	Gasket - Lines Group - Air
4W7992	Gasket - Carburetor Group	7N4895	Gasket - Lines Group - Air
4W9765	Gasket - Carburetor Group	7N5089	Gasket - Lines Group - Air
1274422	Gasket - Compressor	8N2410	Gasket - Lines Group - Air
6L5568	Gasket - Coolant Group	8N392	Gasket - Lines Group - Air
9M8546	Gasket - Cooler Group	9L1480	Gasket - Lines Group - Oil
1H7666	Gasket - Cooling System	2528374	Gasket - Lines Group - Turbo
7E6016	Gasket - Cooling System	3419211	Gasket - Lines Group - Turbo
1W4736	Gasket - Cover	1217533	Gasket - Lines Group - Water
5S6371	Gasket - Crankshaft Group	1228856	Gasket - Lines Group - Water
1106991	Gasket - Cylinder Head	1228857	Gasket - Lines Group - Water
8N9885	Gasket - Drive Housing	2301072	Gasket - Lines Group - Water
0L1146	Gasket - Drive Train	2415928	Gasket - Lines Group - Water
3208974	Gasket - Exhaust Manifold	2432288	Gasket - Lines Group - Water
2043506	Gasket - Exhaust Manifold	2470708	Gasket - Lines Group - Water
2071354	Gasket - Exhaust Manifold	4L3833	Gasket - Lines Group - Water
2W7856	Gasket - Exhaust Manifold	4W3100	Gasket - Lines Group - Water
7E4127	Gasket - Exhaust Manifold	5G1442	Gasket - Lines Group - Water
7E8467	Gasket - Exhaust Manifold	5N1940	Gasket - Lines Group - Water
2453512	Gasket - Exhaust Manifold	7N4932	Gasket - Lines Group - Water
7N8175	Gasket - Exhaust Manifold	8N1270	Gasket - Lines Group - Water
7W8145	Gasket - Exhaust Manifold	8N4524	Gasket - Lines Group - Water
2N931	Gasket - Expansion Tank	1S5772	Gasket - Lines Group - Water
3H5939	Gasket - Expansion Tank	2W752	Gasket - Lubrication System
4W5369	Gasket - Fastener Group	1121564	Gasket - Manifold
1538455	Gasket - Flame Arrestor	7N5080	Gasket - Manifold
7N3049	Gasket - Flywheel Housing	2473796	Gasket - Oil Cooler
1078505	Gasket - Fuel System	7W7071	Gasket - Oil Cooler
1W4008	Gasket - Fuel Transfer	9F8127	Gasket - Oil Cooler
1190814	Gasket - Ignition	9Y6893	Gasket - Oil Cooler

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ADDITIONAL ITEMS CASKETS (CONT.)

PART #	Description	PART #	Description
7N3368	Gasket - Oil Cooler - Transm	3H510	Gasket - Starter
4L8606	Gasket - Oil Cooler Lines	8N8451	Gasket - Starter
1143824	Gasket - Oil Filter	7H9899	Gasket - Tachometer
2P4305	Gasket - Oil Filter	7N4320	Gasket - Tachometer Drive
9M2610	Gasket - Oil Filter	7N4927	Gasket - Thermostat Housing
9Y8388	Gasket - Oil Filter	1058901	Gasket - Transmission
7E2630	Gasket - Oil Pan	8N8089	Gasket - Transmission Lines
7E2631	Gasket - Oil Pan	2M4108	Gasket - Transmission Oil
7E2632	Gasket - Oil Pan	4W2359	Gasket - Turbo - Exhaust
4F3765	Gasket - Oil Pan Group	3393175	Gasket - Turbo Lines Inlet
1111349	Gasket - Oil Pump	1215736	Gasket - Turbocharger
1Y7578	Gasket - Oil Pump Cover	2413283	Gasket - Turbocharger
7N5057	Gasket - Pump - Oil	2894079	Gasket - Turbocharger
8B1615	Gasket - Pump - Oil	4L8149	Gasket - Turbocharger Oil
8H8754	Gasket - Radiator Group	4P4460	Gasket - Turbocharger Oil
5H4034	Gasket - Shutoff	6L1694	Gasket - Turbocharger Oil
8N8452	Gasket - Silencer	2037859	Gasket - Valve Mechanism
1445692	Gasket - Spacer Plate	5L1150	Gasket - Water Pump

ADDITIONAL ITEMS SEALS & O-RINGS

PART #	Description	PART #	Description
3H4970	Seal - Accessory Drive	4D449	Seal - Final Drive
4H1860	Seal - After Cooler	1949584	Seal - Fuel Inj Pump
1073758	Seal - Aftercooler	1123597	Seal - Fuel Transfer Pump
1073759	Seal - Aftercooler	1S7390	Seal - Hydraulic
1H474	Seal - Aftercooler	1S7408	Seal - Hydraulic
6V2695	Seal - Aftercooler Lines	6V3549	Seal - Hydraulic Pump
2287091	Seal - Air Shutoff Valve	6V5101	Seal - Hydraulic System
1199443	Seal - Alternator	1352651	Seal - Ignition Transformer
1S1225	Seal - Auxiliary Drive	1251372	Seal - Ignition Transformer
1495462	Seal - Auxiliary Water Pump	5B4399	Seal - Line Group - Water
1S9544	Seal - Brake Saver	8N4707	Seal - Liner Band Filler
2067030	Seal - Breather Tube	1097411	Seal - Lines Group - Air
2082362	Seal - Camshaft Cover	1743357	Seal - Lines Group - Air
7N2046	Seal - Cylinder Liner	6V5103	Seal - Lines Group - Air
2295333	Seal - Exhaust	1092332	Seal - Lines Group - Oil
7C3920	Seal - Exhaust	1135304	Seal - Lines Group - Oil
2295332	Seal - Exhaust Manifold	1792960	Seal - Lines Group - Water
3369992	Seal - Exhaust Manifold	1121102	Seal - Lines Group - Water

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ADDITIONAL ITEMS SEALS & O-RINGS (CONT.)

PART #	Description	PART #	Description
1674407	Seal - Lines Group - Water	7M6637	Seal - O-Ring - Gen Use
1714358	Seal - Lines Group - Water	8M5252	Seal - O-Ring - Gen Use
2006410	Seal - Lines Group - Water	8T2928	Seal - O-Ring - Gen Use
2065988	Seal - Manifold	8T2929	Seal - O-Ring - Gen Use
3P651	Seal - Oil Cooler Lines	5P4892	Seal - O-Ring - Gen Use
5D5957	Seal - Oil Filter	0951674	Seal - O-Ring - Hydraulic
2287097	Seal - Oil Lines	8M4436	Seal - O-Ring - Hydraulic
3P655	Seal - Oil Lines	8M5251	Seal - O-Ring - Hydraulic
3P656	Seal - Oil Lines	8M8283	Seal - O-Ring - Oil Cooler
9H858	Seal - Oil Lines	6V3907	Seal - O-Ring - Oil Filter
2986387	Seal - Oil Pump	2377623	Seal - O-Ring - Oil Lines
3P654	Seal - Oil Tube	7X4810	Seal - O-Ring - Oil Lines
2197000	Seal - O-Ring - Adapter	5P5700	Seal - O-Ring - Oil Lines
5S6760	Seal - O-Ring - Aftercooler	5P7817	Seal - O-Ring - Oil Lines
6V3603	Seal - O-Ring - Aftercooler	619456	Seal - O-Ring - Oil Lines
7M9909	Seal - O-Ring - Aftercooler	6V973	Seal - O-Ring - Oil Pan
8C5209	Seal - O-Ring - Aftercooler	7X1547	Seal - O-Ring - Oil Pan
8T1919	Seal - O-Ring - Aftercooler	5P7818	Seal - O-Ring - Oil Pan
5P8862	Seal - O-Ring - Air Lines	5P8872	Seal - O-Ring - Oil Pan
6V3917	Seal - O-Ring - Air Lines	6V7681	Seal - O-Ring - Oil Pump
6V5054	Seal - O-Ring - Air Lines	2287094	Seal - O-Ring - Oil Pump
6V5166	Seal - O-Ring - Air Lines	5P4057	Seal - O-Ring - Planetary
6V5167	Seal - O-Ring - Air Lines	1832317	Seal - O-Ring - Planetary
5P8940	Seal - O-Ring - Air Lines	6V5102	Seal - O-Ring - Power Train
8C3107	Seal - O-Ring - Brakesaver	8M8282	Seal - O-Ring - Power Train
336031	Seal - O-Ring - Crankcase	9M9545	Seal - O-Ring - Torque Convtr
6V895	Seal - O-Ring - Fuel Lines	1313718	Seal - O-Ring - Transfer Case
6V5051	Seal - O-Ring - Fuel Sensor	7L2224	Seal - O-Ring - Transmission
6V3865	Seal - O-Ring - Gear Pump	6V3832	Seal - O-Ring - Turbo
2353546	Seal - O-Ring - Gen Use	8S5011	Seal - O-Ring - Turbo
2S4071	Seal - O-Ring - Gen Use	6V5066	Seal - O-Ring - Water Lines
3B8453	Seal - O-Ring - Gen Use	6V9769	Seal - O-Ring - Water Lines
3P648	Seal - O-Ring - Gen Use	7L4773	Seal - O-Ring - Water Lines
6L7817	Seal - O-Ring - Gen Use	5P6302	Seal - O-Ring - Water Lines
6V1454	Seal - O-Ring - Gen Use	5P7204	Seal - O-Ring - Water Lines
6V3348	Seal - O-Ring - Gen Use	8T1703	Seal - O-Ring - Water Lines
6V4314	Seal - O-Ring - Gen Use	8T2903	Seal - O-Ring - Water Lines
6V5064	Seal - O-Ring - Gen Use	9X7549	Seal - O-Ring - Water Lines
6V8001	Seal - O-Ring - Gen Use	8J8725	Seal - O-Ring - External Inj
7D7111	Seal - O-Ring - Gen Use	9X7735	Seal - O-Ring - External Inj
		4K6804	Seal - O-Ring - W/P Mnt

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ADDITIONAL ITEMS SEALS & O-RINGS (CONT.)

PART #	Description	PART #	Description
2287096	Seal - Plug	2407032	Seal - Valve Lifter
2594598	Seal - Plug	1179315	Seal - Valve Mechanism
335853	Seal - Plug	1090075	Seal - Water Lines
3S4489	Seal - Power Train	1986067	Seal - Water Lines
3P649	Seal - Pulley	1664376	Seal - Water Pump
1606387	Seal - Radiator	3362212	Seal - Water Pump
3P7613	Seal - Ring - Planetary	3P1796	Seal - Water Pump
4F5607	Seal - Ring - Transmission	6N9313	Seal - Water Pump
8S7762	Seal - Ring - Water Pump	8C5236	Seal - Water Pump
3P657	Seal - Scavenger Pump	8S8821	Seal - Water Pump
2775833	Seal - Side Block	9X4594	Seal - Water Pump
2082363	Seal - Side Cover	2049598	Seal - Wet Manifold
1531810	Seal - Thermostat	3492654	Seal Assembly - Water
1291653	Seal - Transmission	4200652	Seal Assembly - Water
2385079	Seal - Transmission	4200653	Seal Assembly - Water
2965820	Seal - Valve Cover	1313815	Seal Group - Water Pump

ADDITIONAL ITEMS HARDWARE

PART #	Description	PART #	Description
4649191	Bolt - 12 Point Head	4W2110	Ring - Retainer - Gen Use
7N1961	Bolt - 12 Point Head	8N8570	Ring - Retaining - Cooling Group
7L6443	Bolt - Exhaust Manifold	3580768	Screw - Adjusting
6V6753	Bolt - Turbo Mount	8C8491	Washer - Exhaust Manifold
5P9681	Bolt - Water Pump	4B8407	Washer - Flat
8N7639	Elbow - Water Lines	5R7136	Washer - Front Housing
7F2836	Lock - Auxiliary Pump	5P8250	Washer - Hard
1687800	Lock - Nut - Exhaust	1083612	Spacer - Exhaust Manifold
1977055	Lock - Retainer	2N9288	Stud - Exhaust Bypass
5S3618	Lock - Transfer Case	7S6719	Stud - Exhaust Manifold
1B4204	Nut - Hex - Gen Use	1061793	Stud - Taperlock - Exhaust
5S5880	Nut - Lock - Planetary		



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ADDITIONAL ITEMS MISC. ENGINE ITEMS

PART #	Description	PART #	Description
3K6662	Bearing - Accessory Drive	3591439	Grommet - Water - Cyl Head
1T0210	Bearing - Ball - Fan Drive	1874608	Hose - Aftercooler
1P1114	Bearing - Turbo Cartridge	7N7435	Kit - Air Compressor Repair
1M7250	Body - Pre-Cleaner	7N4837	Piston - Air Compressor
6H8021	Body - Pre-Cleaner	2W2288	Plug - Crankshaft
4W3027	Breather - Crankcase	7S8817	Prescreener
8N6061	Bushing - Air Shut-off	1113820	Ring - Retainer - Oil Filter
1W9379	Bushing - Governor Housing	6N2109	Ring Set - Air Compressor
1W6005	Bushing - Oil Pump	4N913	Screen - Oil Suction
7L4447	Cap - Oil	8S9130	Screen - Suction
6N2206	Cap - Oil Filler	9L4013	Set - Belt - Alternator
6N2985	Cap - Oil Filter - 1-7/8	7W5228	Set - Belt - Fan
9M8911	Collar - Thrust - Turbo	6B9202	Spring - Oil Pump
6B3224	Cup - Bearing	3N5991	Thermocoupling



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