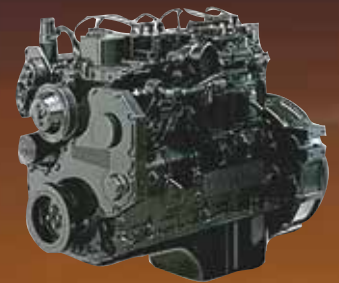


Replacement Parts for **CUMMINS[®], CATERPILLAR[®] AND WAUKESHA[®]** Natural Gas Engine Applications

CUMMINS[®]

G855	G8.3G
G855BC	G8.3G PLUS
GTA12	G5.9
L10 240/260G	GTA 5.9
L10 280/300G	B5.9G
GTA 8.3	



CATERPILLAR[®]

G3520	G353
G3516	G342
G3512	G3412
G3508	G3408
G399	G3406
G398	G3306
G379	G3304



WAUKESHA[®]

VHP
VHP 7044
VGF





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CUMMINS®

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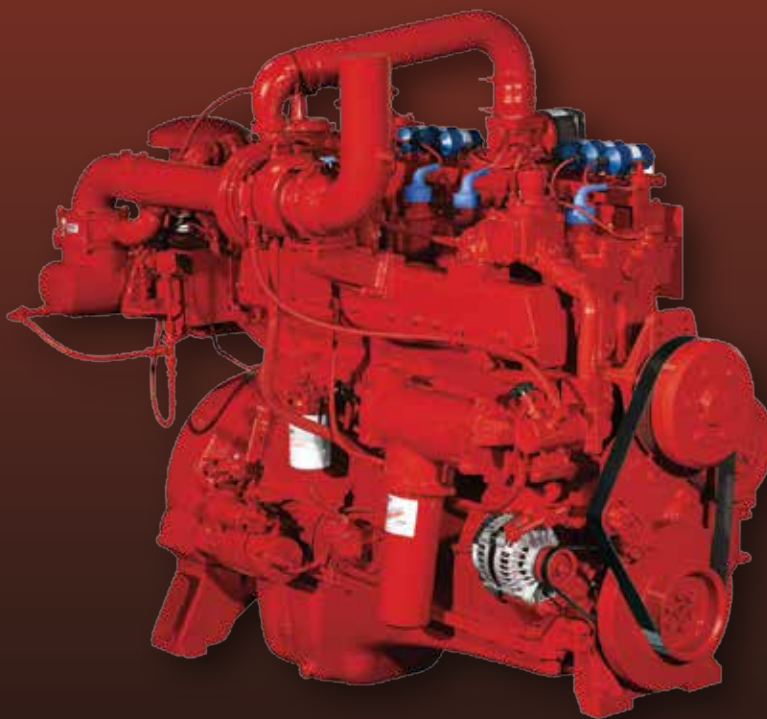
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Replacement Parts for
CUMMINS®
G855, GTA12, L10, GTA8.3, C8.3G/G Plus,
G/GTA5.9, B5.9G
Natural Gas Engines



G12/G855

ENGINE KITS

PART #	QTY			DESCRIPTION	COMMENT
	G12	G855	G855BC		
MCIF70100101	1			Inframe Kit - 10:1 CR	
MCIF70100851	1			Inframe Kit - 8.5:1 CR	
MCIF80100101		1	1	Inframe Kit - 10:1 CR	Specify Rod Bearings; Big or Small Cam
MCIF80100851		1	1	Inframe Kit - 8.5:1 CR	
MCIFAR3560		1	1	Inframe Kit - 12:1 CR	
MCOH70100101	1			Overhaul Kit - 10:1 CR	
MCOH70100851	1			Overhaul Kit - 8.5:1 CR	
MCOH80100101		1	1	Overhaul Kit - 10:1 CR	Specify Rod Bearings; Big or Small Cam
MCOH80100851		1	1	Overhaul Kit - 8.5:1 CR	
MCOHAR3560		1	1	Overhaul Kit - 12:1 CR	

GASKET SETS

PART #	QTY			DESCRIPTION	COMMENT
	G12	G855	G855BC		
MCB3802077	1			Upper Gasket Set	
MCB743HS	AR			Upper Gasket Set - Single Head	
M-4024945		1	1	Upper Gasket Set	
M-4024946		1	1	Upper Gasket Set	Reusable R/C Gaskets
M-4024958		AR	AR	Upper Gasket Set - Single Head	
MCB3801466	1			Lower Gasket Set	w/ Seals
M-3801463		1		Lower Gasket Set Non-FFC	w/ Seals
M-3801464		1		Lower Gasket Set Non-FFC	w/ Seals - Piston Cooled
M-3014459		1	1	Lower Gasket Set FFC	w/ Seals - Piston Cooled
M-3801339		1		Overhaul Gasket Set Non-FFC	
M-3801340		1		Overhaul Gasket Set Non-FFC	Piston Cooled
M-3801594	1	1	1	Aftercooler Gasket Set	Add Qty-3 of M-3008591 if Flame Arrestor Equipped
M-EP#11	1	1		Follower Housing Gasket Set	
M-EP#10			1	Follower Housing Gasket Set	
MCB175			1	Gear Cover Gasket Set	
MCB1010	1	1		Oil Cooler Gasket Set	6.5" Core
M-3801199			1	Oil Cooler Gasket Set	Plated Core
MCB855		1		Oil Pan Gasket Set	
M-3804303			1	Oil Pan Gasket Set	

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

G12/G855

CYLINDER COMPONENTS

PART #	QTY			DESCRIPTION	COMMENT
	G12	G855	G855BC		
M-CK70100101P	6			Cylinder Kit - 10:1 CR	
M-CK70100851P	6			Cylinder Kit - 8.5:1 CR	
M-CK80100101P		6	6	Cylinder Kit - 10:1 CR	
M-CK80100851P		6	6	Cylinder Kit - 8.5:1 CR	
M-CKAR3560P		6	6	Cylinder Kit - 12:1 CR	
M-70100101	6			Piston Kit - 10:1 CR	
M-70100851	6			Piston Kit - 8.5:1 CR	
M-80100101		6	6	Piston Kit - 10:1 CR	
M-80100851		6	6	Piston Kit - 8.5:1 CR	
M-AR3560		6	6	Piston Kit - 12:1 CR	
M-AR12098	6			Ring Set	
M-3803471		6	6	Ring Set	
M-203070	6			Piston Pin	
M-191970		6		Piston Pin	
M-175755	12	12		Piston Pin Retainer	
M-BM98224	6			Cylinder Liner Kit	*Included in Liner Kit
--M-215983				1 -Crevice Seal*	
--M-216879				1 -O-Ring Seal*	Black - Center
--M-181449				1 -O-Ring Seal*	Red - Lower
M-3801826		6	6	Cylinder Liner Kit - STD	Liner Seals Included
M-3803219		AR	AR	Cylinder Liner Kit - .020"/.040"	LPF - Liner Seals Included
M-3801387		AR	AR	Cylinder Liner Kit - .020"	UPF - Liner Seals Included
M-3800174		6	6	Cylinder Liner Seal Kit	*Included in Liner Kit
--M-215090				1 -Crevice Seal*	
--M-3032874				3 -O-Ring Seal*	
M-3054948		AR	AR	Liner Seal Ring - .020"	STD Cylinder Liner
M-3019959		AR	AR	Liner Seal Ring - .031"	STD Cylinder Liner
M-3019960		AR	AR	Liner Seal Ring - .062"	STD Cylinder Liner
M-3066843		AR	AR	Liner Seal Ring - .018"	.020"/.040" Cylinder Liner
M-3065406		AR	AR	Liner Seal Ring - .020"	.020"/.040" Cylinder Liner
M-3066844		AR	AR	Liner Seal Ring - .022"	.020"/.040" Cylinder Liner

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G12/G855

ENGINE BEARINGS

PART #	QTY			DESCRIPTION	COMMENT
	G12	G855	G855BC		
M-203670	12	12		Connecting Rod Bearing - STD	For 3013282 Straight Top SC Rod
M-203671	12	12		Connecting Rod Bearing - .010"	
M-203672	12	12		Connecting Rod Bearing - .020"	
M-203673	12	12		Connecting Rod Bearing - .030"	
M-203674	12	12		Connecting Rod Bearing - .040"	
M-203660		12		Connecting Rod Bearing - STD	For 3015523 Tapered Top SC Rod
M-203661		12		Connecting Rod Bearing - .010"	
M-203662		12		Connecting Rod Bearing - .020"	
M-203663		12		Connecting Rod Bearing - .030"	
M-203664		12		Connecting Rod Bearing - .040"	
M-214950		12	12	Connecting Rod Bearing - STD	For BC Engines and updated SC Engines
M-214951		12	12	Connecting Rod Bearing - .010"	
M-214952		12	12	Connecting Rod Bearing - .020"	
M-214953		12	12	Connecting Rod Bearing - .030"	
M-214954		12	12	Connecting Rod Bearing - .040"	
M-3801260	1	1	1	Main Bearing Set - STD	
M-3801261	1	1	1	Main Bearing Set - .010"	
M-3801262	1	1	1	Main Bearing Set - .020"	
M-3801263	1	1	1	Main Bearing Set - .030"	
M-3801264	1	1	1	Main Bearing Set - .040"	
M-BM27253	1	1		Camshaft Bearing Set	
M-3801106			1	Camshaft Bearing Set	
M-187420		6	6	Connecting Rod Bushing	Tapered Top Connecting Rod
M-43067	12	12		Connecting Rod Bushing	Straight Top Connecting Rod

CRANKSHAFT SEALS

PART #	QTY			DESCRIPTION	COMMENT
	G12	G855	G855BC		
M-3010457	1	1		Front Crankshaft Seal	Tapered Crankshaft
M-3010464	1	1		Front Wear Sleeve	Tapered Crankshaft
M-3006736			1	Front Crankshaft Seal	
M-3006742			1	Front Wear Sleeve	
M-3006737	1	1	1	Rear Crankshaft Seal	
M-3006743	1	1	1	Rear Wear Sleeve	
M-3067616	1	1	1	Rear Cover Gasket	Horse Shoe Type

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CRANKSHAFT & DAMPER

PART #	QTY			DESCRIPTION	COMMENT
	G12	G855	G855BC		
M-3029341	1	1		Crankshaft	Tapered
M-3608833			1	Crankshaft	Snub Nose
M-217321	1	1		Vibration Damper	
M-217323			1	Vibration Damper	

CAMSHAFT & FOLLOWERS

PART #	QTY			DESCRIPTION	COMMENT
	G12	G855	G855BC		
M-3801030	1	1		Camshaft	Small Cam Flanged
M-9235-1	1	1		Camshaft Thrust Washer	
M-215233			1	Camshaft Thrust Washer	
M-AR1176	1	1	1	Shim Kit	
M-9260-1	12	12		Roller - Valve Follower	
M-3036933			12	Roller - Valve Follower	
M-3013331	12	12	12	Pin - Valve Follower	
M-118939	12	12		Roll Pin	
M-3064309			12	Roll Pin	
M-107738	12	12		Socket	
M-213559			12	Socket	
M-3065125	6	6	6	Cam Follower Shaft	
M-3046418	12	12		Push Tube	
M-3046420			12	Push Tube	
M-9266A	3	3		Follower Housing Gasket	.006" - .008"
M-120819	3	3		Follower Housing Gasket	.027" - .033"
M-3068473			3	Follower Housing Gasket	

G12/G855

G12 CYLINDER HEAD COMPONENTS

PART #	QTY			DESCRIPTION	COMMENT
	G12	G855	G855BC		
M-3226064	24			Valve - Intake & Exhaust - 20°	
M-90210020	24			Valve Seat	
M-66890	24			Valve Guide	
M-S2037	48			Valve Lock	
M-90210010	24			Valve Spring	
M-90210009	24			Rotator	
M-90210035	6			Spark Plug Adaptor	
M-3394114	6			Spark Plug Adaptor Gasket	
M-172205	6			Spark Plug Adaptor O-Ring	
M-123558	12			Crosshead Guide	
M-194106	3			Rocker Box Gasket	
M-108692	3			Rocker Cover Gasket	

G855 CYLINDER HEAD COMPONENTS

PART #	QTY			DESCRIPTION	COMMENT
	G12	G855	G855BC		
M-3226068		24	24	Valve - Intake & Exhaust - 20°	
MCB3226068		24	24	Valve - Intake & Exhaust - 20°	Inconel
M-127554		48	48	Valve Lock	
M-3006456		24	24	Valve Guide	
M-90210012		24	24	Valve Spring	
M-170296		24	24	Retainer, Spring	
M-3394116		24	24	Valve Seat	
M-90210011		24	24	Rotator	
M-90210035		6	6	Spark Plug Adaptor	
M-3394114		6	6	Spark Plug Adaptor Gasket	
M-172205		6	6	Spark Plug Adaptor O-Ring	
M-123558		12	12	Crosshead Guide	
M-3017750		3	3	Rocker Box Gasket	
M-3054841		3	3	Rocker Cover Gasket	
M-3067459		3	3	Rocker Cover Gasket	Plastic/Reusable

G12/G855

LUBRICATION SYSTEM

PART #	QTY			DESCRIPTION	COMMENT
	G12	G855	G855BC		
M-110848		1		Oil Cooler Core	6.5"L
MCB1010		1		Oil Cooler Gasket Set	For 6.5" Core
M-142608		1		Oil Cooler Core	16"L
MCB1010		1		Oil Cooler Gasket Set	For 16" Core
M-3412285			1	Oil Cooler Core	13"L End Plated Type
M-3801199			1	Oil Cooler Gasket Set	For 13" Core
M-3609837			1	Oil Pump	
-M-3884126			1	--Plunger	
-M-3010146			1	--Plunger Spring	
M-178788	1	1	1	Oil Pan Gasket	Puzzle style - Cast Pan
M-3048066	1	1	1	Oil Pan Gasket	1pc style for Cast Pan
M-3099083	1	1	1	Oil Pan Gasket	1pc style - Stamped Pan
M-67963	1			Oil Tube Gasket	
M-157551		1	1	Oil Tube Gasket	
M-3034986		1	1	Oil Tube Seal	Rectangular
M-3029847		1	1	Oil Tube Seal	O-Ring

COOLING SYSTEM

PART #	QTY			DESCRIPTION	COMMENT
	G12	G855	G855BC		
M-BM76506	1			Water Pump	w/o Pulley
M-AR4284		1		Water Pump	w/ Pulley
MCB102		1		Water Pump Repair Kit	
M-3801787			1	Water Pump	
M-3803202			1	Water Pump Repair Kit	
M-3064919			1	Water Pump Idler Assembly	
M-154966	1	1		Pulley	
M-9097	1			Water Pump Mounting Gasket	
M-130240		1		Water Pump Mounting Gasket	
M-3076522			1	Water Pump Mounting Gasket	
M-135675	1	1		Thermostat - 170°	Vented
M-3411335			1	Thermostat - 180°	Non-Vented
M-186780	1	1	1	Thermostat Seal	
M-70441	1	1		Thermostat Housing Gasket	
M-208128			1	Thermostat Housing Gasket	
M-3032348	1	1		Neck Connection Gasket	

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G12/G855

GASKETS

DESCRIPTION	QTY			PART #	COMMENT
	G12	G855	G855BC		
Aftercooler Housing Gasket	2	2	2	M-3077201	Flanged Core
Aftercooler Housing Gasket			1	M-3077201	Crossbolt Core
Cam Follower Gasket - .007"	A/R	A/R		M-9266A	
Cam Follower Gasket - .026"	A/R	A/R		M-120819	
Cam Follower Gasket			3	M-3068473	
Exhaust Manifold Gasket	6	6	6	M-3020943	To Cylinder Head
Exhaust Manifold Gasket	1	1	1	M-139266	Flange to Manifold
Exhaust Manifold O-Ring			6	M-178937	Water Cooled
Gear Cover Mounting Gasket	1	1	1	M-3021704	1pc style
Gear Cover Mounting Gasket	1	1	1	M-4058949	Puzzle style
Intake Manifold Gasket	3	3	3	M-3008591	
Intake Manifold Gasket			6	M-3008591	w/ Flame Arrestor
Oil Pan Gasket	1	1	1	M-178788	Puzzle style - Cast Pan
Oil Pan Gasket	1	1	1	M-3048066	1pc style for Cast Pan
Oil Pan Gasket	1	1	1	M-3099083	1pc style for Stamped Pan
Oil Tube Gasket	1			M-67963	
Oil Tube Gasket		1	1	M-157551	
Oil Tube Seal		1	1	M-3034986	Rectangular
Oil Tube Seal		1	1	M-3029847	O-Ring
Rear Crankshaft Cover Gasket	1	1	1	M-3067616	Horseshoe
Rocker Box Gasket	3			M-194106	
Rocker Box Gasket		3	3	M-3017750	
Rocker Cover Gasket	3			M-108692	
Rocker Cover Gasket		3	3	M-3054841	
Rocker Cover Gasket		3	3	M-3067459	Plastic/Reusable
Thermostat Housing Gasket	1	1		M-70441	
Thermostat Housing Gasket		1	1	M-208128	FFC
Thermostat Neck Gasket	1	1		M-3019158	
Turbocharger Mounting Gasket	1	1		M-3069177	
Turbocharger Mounting Gasket			1	M-3088984	
Water Manifold Mounting O-Ring	6	6	6	M-3024709	
Water Manifold Section O-Ring	4	4		M-70624	
Water Pump Mounting Gasket	1			M-9097	
Water Pump Mounting Gasket		1		M-130240	
Water Pump Mounting Gasket			1	M-3076522	

ENGINE KITS

PART #	QTY	DESCRIPTION	COMMENT
IF3804696	1	Inframe Kit	
OH3804696	1	Overhaul Kit	

CYLINDER COMPONENTS

PART #	QTY	DESCRIPTION	COMMENT
M-3804696	6	Cylinder Kit	
M-3804695	6	Piston Kit	Piston, Pin & Retainers
M-3804694	6	Piston Ring Set	
M-3016650	6	Piston Pin	
M-3016652	12	Piston Pin Retainer	
M-3803703	6	Cylinder Liner Kit	*Included in Kit
--M-3047188	6	1 -Rectangular Seal Ring*	
M-3032623	AR	Cylinder Liner Seal Ring	.005"
M-3034663	AR	Cylinder Liner Seal Ring	.008"
M-3803495	6	Piston Cooling Nozzle Kit	

GASKET SETS

PART #	QTY	DESCRIPTION	COMMENT
M-4025155	1	Upper Gasket Set	
M-4089998	1	Lower Gasket Set	w/ Seals

ENGINE BEARINGS

PART #	QTY	DESCRIPTION	COMMENT
M-3016760	12	Connecting Rod Bearing - STD	
M-3016761	12	Connecting Rod Bearing -.010"	
M-3016762	12	Connecting Rod Bearing -.020"	
M-3016763	12	Connecting Rod Bearing -.030"	
M-4025125	1	Main Bearing Set - STD	
M-4025126	1	Main Bearing Set -.010"	
M-4025127	1	Main Bearing Set -.020"	
M-4025128	1	Main Bearing Set -.030"	
M-4025120	1	Main Bearing Set - STD	Tabbed Thrust Washer
M-4025121	1	Main Bearing Set -.010"	Tabbed Thrust Washer
M-4025122	1	Main Bearing Set -.020"	Tabbed Thrust Washer
M-4025123	1	Main Bearing Set -.030"	Tabbed Thrust Washer
M-3820566	7	Camshaft Bearing - STD	
M-3896894	6	Connecting Rod Bushing	

CRANKSHAFT & ACCESSORY DRIVE SEALS

PART #	QTY	DESCRIPTION	COMMENT
M-3804744	1	Front Crankshaft Seal Kit - STD	
M-3820918	1	Front Salvage Sleeve	Thin for STD Seal
M-4089544	1	Rear Crankshaft Seal Kit - STD	
M-3819774	1	Rear Salvage Sleeve	Thin for STD Seal
M-4089542	1	Rear Crankshaft Seal & Sleeve Kit	Seal & Wear Sleeve assembly
M-3804304	1	Accessory Drive Seal Kit	Compressor side
M-3803894	1	Accessory Drive Seal Kit	Water Pump side

CAMSHAFT & FOLLOWERS

PART #	QTY	DESCRIPTION	COMMENT
M-3895488	12	Roller - Valve Follower	
M-3335342	12	Roller Pin	
M-3033292	12	Socket	
M-3025296	1	Camshaft Cover Gasket	Rear

CYLINDER HEAD COMPONENTS █

Phase III Original Build

PART #	QTY	DESCRIPTION	COMMENT
M-3606856	24	Valve - Intake & Exhaust	
M-4004806	24	Valve Seat	
M-3328785	24	Valve Guide	
M-3328781	24	Valve Guide Seal	
M-3275354	48	Valve Lock	
M-3033232	24	Valve Spring - Outer	
M-3033233	24	Valve Spring - Inner	
M-3033230	24	Valve Spring Guide	
M-3033231	24	Spring Retainer	
M-3070486	6	Injector Tube	
M-3035026	6	Injector Tube Seal	
M-3070137	6	O-Ring Seal - Upper	Spark Adaptor to Injector Tube
M-3070138	6	O-Ring Seal - Middle	
M-193736	6	O-Ring Seal - Lower	
M-4070529	1	Rocker Box Gasket	
M-3034855	1	Rocker Cover Gasket	

LUBRICATION SYSTEM █

PART #	QTY	DESCRIPTION	COMMENT
M-4003950	1	Oil Pump Assembly	
M-3033247	1	Oil Pump O-Ring	
M-3033248	1	Oil Pump O-Ring	
M-3161781	1	Oil Cooler Assembly	
M-109080	2	-Mounting O-Ring	
M-3080769	2	-Rectangular Seal	
M-3892625	2	-Mounting Gasket	
M-3803495	6	Piston Cooling Nozzle Kit	
M-3401290	1	Oil Pan Gasket	
M-3032787	2	Oil Pickup Tube O-Ring Seal	

COOLING SYSTEM

PART #	QTY	DESCRIPTION	COMMENT
M-3076489	1	Thermostat - 180°	
M-186780	1	Thermostat Seal	
M-3080770	1	Thermostat Housing Seal	Rectangular
M-3803403	1	Water Pump Assembly	
M-4024817	1	Water Pump Repair Kit	
M-3882774	1	Water Pump Mounting Seal	
M-3892095	1	Water Pump Connection Seal	
M-3062602	1	Idler Pulley Assembly	

GASKETS

DESCRIPTION	QTY	PART #	COMMENT
Block Hand Hole Gasket	3	M-3883472	
Camshaft Cover Gasket	1	M-3025296	Rear
Exhaust Manifold Gasket	6	M-3328948	
Gear Cover Gasket	1	M-4920751	
Oil Pan Gasket	1	M-3401290	
Oil Pickup Tube O-Ring Seal	2	M-3032787	
Rocker Box Gasket	1	M-4070529	
Rocker Cover Gasket	1	M-3034855	
Turbocharger Mounting Gasket	1	M-3072919	
Water Pump Mounting Seal	1	M-3882774	
Water Pump Connection Seal	1	M-3892095	

GTA8.3/C8.3G/GSL

ENGINE KITS

PART #	QTY			DESCRIPTION	COMMENT
	GTA8.3	C8.3G	GSL		
IF3919937G	1	1		Inframe Kit*	w/ M-3919937 Clyinder Liner
IF3948095G	1	1		Inframe Kit*	w/ M-3948095 Clyinder Liner
IF4089849			1	Inframe Kit	
IF4955610			1	Inframe Kit	
OH3919937G	1	1		Overhaul Kit*	w/ M-3919937 Clyinder Liner
OH3948095G	1	1		Overhaul Kit*	w/ M-3948095 Clyinder Liner
OH4089849			1	Overhaul Kit	
OH4955610			1	Overhaul Kit	

*NOTE: Specify Piston required when ordering these kits.

CYLINDER COMPONENTS

PART #	QTY			DESCRIPTION	COMMENT
	GTA8.3	C8.3G	GSL		
M-4089433	6			Piston Kit - 8.5:1 CR	
M-4089348	6	6		Piston Kit - 10.5:1 CR	
M-4089346		6		Piston Kit - 10:1 CR	
M-4089849			6	Piston Kit	G6LTAA8.9
M-4955610			6	Piston Kit	G6LTAA8.9E CM2180
M-4025290	6	6	6	Piston Ring Set	
M-3934046	6	6	6	Piston Pin	
M-3920692	12	12	12	Piston Pin Retainer	
M-3802407	6	6		Clyinder Liner Kit	≤ ESN 45636466
-M-3919937				1 -Cylinder Liner*	
-M-3907177				1 -Seal Ring*	
M-3800328	6	6	6	Clyinder Liner Kit	≥ ESN 45636466
-M-3948095				1 -Cylinder Liner*	
-M-3907177				1 -Seal Ring*	
M-3971394	6	6		Connecting Rod	for 3917320 Crankshaft ONLY

*NOTE: Included in Liner Kit

GTA8.3/C8.3G/GSL

GASKET SETS

PART #	QTY			DESCRIPTION	COMMENT
	GTA8.3	C8.3G	GSL		
M-4025274	1	1		Upper Gasket Set	
M-3800747	AR	AR		Upper Gasket Set	.25mm Head Gasket
MCB4955785			1	Upper Gasket Set	
M-3800558	1	1		Lower Gasket Set	
M-4089889			1	Lower Gasket Set	

ENGINE BEARINGS

PART #	QTY			DESCRIPTION	COMMENT
	GTA8.3	C8.3G	GSL		
M-3950661	12	12	12	Connecting Rod Bearing - STD	
M-3901431	12	12	12	Connecting Rod Bearing -.25mm	
M-3901432	12	12	12	Connecting Rod Bearing -.50mm	
M-3901433	12	12	12	Connecting Rod Bearing -.75mm	
M-3945917	1	1	1	Main Bearing Set - STD	
M-3945918	1	1	1	Main Bearing Set -.25mm	
M-3945920	1	1	1	Main Bearing Set -.50mm	
M-3945921	1	1	1	Main Bearing Set -.75mm	
M-3945329	7	7	7	Camshaft Bushing	
M-3970951	6	6	6	Connecting Rod Bushing	

CRANKSHAFT & SEALS

PART #	QTY			DESCRIPTION	COMMENT
	GTA8.3	C8.3G	GSL		
M-3918986	1	1		Crankshaft	w/o Gear
M-3925568	1			Vibration Damper	w/o Front PTO
M-4025270	1	1	1	Front Crankshaft Seal Kit - STD	
M-4024883	1	1	1	Front Crankshaft Seal Kit - STD	
M-3908277	A/R	A/R	A/R	Front Quick Repair Sleeve	Use w/ STD Seals
M-3925343	1	1	1	Front Seal Kit - OS	Integral Seal & Wear Sleeve
M-4089342	1	1	1	Rear Crankshaft Seal Kit - STD	
M-4955372	1	1	1	Rear Crankshaft Seal Kit - STD	Double Lip for Wet Housings
M-3906081	A/R	A/R	A/R	Rear Quick Repair Sleeve	Use w/ STD Seals
M-3926126	1	1	1	Rear Crankshaft Seal Kit - OS	Integral Seal & Wear Sleeve
M-3939353	1	1	1	Rear Cover Gasket	
M-3912473	1	1	1	Rear Rectangular Seal	

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GTA8.3/C8.3G/GSL

GEAR HOUSING

PART #	QTY			DESCRIPTION	COMMENT
	GTA8.3	C8.3G	GSL		
M-3926518		1		Front Gear Housing	
M-3938737	1	1		Gear Housing Gasket	Housing to Cylinder Block

CAMSHAFT, CAM FOLLOWER & PUSH ROD

PART #	QTY			DESCRIPTION	COMMENT
	GTA8.3	C8.3G	GSL		
M-3923478	1	1		Camshaft	ESN required for application
M-3938163			1	Camshaft	ESN required for application
M-3902332	1	1	1	Key	
M-3931623	12	12		Tappet	30mm OD
M-3945866	12	12	12	Tappet	38mm OD
M-3965966		12	12	Roller Tappet	
M-3905194	12	12		Push Rod	
M-3939970			12	Push Rod	

COOLING SYSTEM

PART #	QTY			DESCRIPTION	COMMENT
	GTA8.3	C8.3G	GSL		
M-3928639	2	2		Thermostat - 180°	Vented
M-5284903			1	Thermostat - 180°	
M-3800974	1	1		Water Pump Kit	
M-3800976		1		Water Pump Kit	Hardened Pulley C-GasPlus
M-3902089	1	1		Water Pump Seal Ring	
M-3937553	1	1		Idler Pulley Assembly	Not Plus

GTA8.3/C8.3G/GSL

CYLINDER HEAD COMPONENTS

PART #	QTY			DESCRIPTION	COMMENT
	GTA8.3	C8.3G	GSL		
M-3802812	6	6	6	Valve Kit - Intake	
M-3927256	6	6	6	Valve Seat - Intake	
M-3802813	6	6	6	Valve Kit - Exhaust	
M-3933088	6	6	6	Valve Seat - Exhaust	
M-3923564	12	12	12	Valve Guide	
M-3901177	24	24	24	Valve Lock	
M-3927642		12		Valve Stem Seal	C-Gas
M-3930057	12	12		Valve Stem Seal	C-Gas Plus / GTA8.3
M-4946374			12	Valve Stem Seal	
M-3991085	12	12	12	Valve Spring	
M-3912976	12	12	12	Valve Spring Retainer	
M-3917729	12	12	12	Head Bolt	M14-2.00x80
M-3917728	14	14	14	Head Bolt	M14-2.00x160
M-3910824	6	6	6	Rocker Cover Bolt Seal	
M-3905449	1	1	1	Rocker Cover Gasket	
M-3902466	1	1	1	Rocker Cover Fill Cap Seal	

LUBRICATION SYSTEM

PART #	QTY			DESCRIPTION	COMMENT
	GTA8.3	C8.3G	GSL		
M-3800828	1	1		Oil Pump	
M-3918175	1	1		Oil Cooler Core	
M-5284362			1	Oil Cooler Core	
M-3918174	1	1	1	Oil Cooler Core Gasket	
M-3929011	1	1	1	Oil Cooler Filter Head Gasket	
M-4063496	1			Oil Cooler Filter Head Gasket	(3974324) Filter Head Cover
M-3938160	1	1		Oil Pan Gasket	
M-3973509	1		1	Oil Pan Gasket	Full Perimeter Clamping Plates
M-3939352	1	1		Oil Pickup Tube Gasket	

GTA8.3/C8.3G/GSL

GASKETS

DESCRIPTION	QTY			PART #	COMMENT
	GTA8.3	C8.3G	GSL		
Air Compressor Mounting Gasket			1	M-3940245	
Breather Mounting Seal			1	M-3073966	
EGR Transfer Tube Gasket			2	M-4932615	
EGR Valve Gasket			1	M-4938761	
Exhaust Manifold Gasket	6	6		M-3932063	
Exhaust Manifold Gasket			6	M-5316185	
Gear Housing Gasket	1	1		M-3938737	Housing to Cylinder Block
Gear Housing Gasket			1	M-3944293	Housing to Cylinder Block
Intake Manifold Gasket	1	1		M-3936993	
Oil Cooler Core Gasket	1	1	1	M-3918174	
Oil Cooler Filter Head Gasket	1	1	1	M-3929011	
Oil Cooler Filter Head Gasket	1			M-4063496	(3974324) Filter Head Cover
Oil Pan Gasket	1	1		M-3938160	
Oil Pan Gasket	1		1	M-3973509	Full Perimeter Clamping Plates
Oil Pickup Tube Gasket	1	1	1	M-3939352	
Rear Cover Gasket	1	1	1	M-3939353	
Rear Cover Seal Ring	1	1	1	M-3912473	
Rocker Cover Bolt Seal	6	6	6	M-3910824	
Rocker Cover Gasket	1	1	1	M-3905449	
Rocker Cover Fill Cap Seal	1	1	1	M-3902466	
Thermostat Housing Gasket	1	1		M-3913025	
Turbocharger Mounting Gasket	1	1		M-3911941	
Turbocharger Mounting Gasket			1	M-3755843	
Turbocharger Oil Drain Gasket	1	1	1	M-3937706	
Water Inlet Connection Gasket	1	1	1	M-3945603	
Water Outlet Connection Gasket	1	1		M-3913032	
Water Pump Seal Ring	1	1		M-3902089	
Water Pump Seal Ring			1	M-3940386	

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G/GTA5.9 B5.9G G6BT5.9

ENGINE KITS

PART #	QTY	DESCRIPTION	COMMENT
IF3802630	1	Inframe Kit - STD	Fractured Connecting Rods
IF3802630M	1	Inframe Kit - STD	Machined Connecting Rods
IF3806239	1	Inframe Kit - .50mm	Fractured Connecting Rods
IF3806239M	1	Inframe Kit - .50mm	Machined Connecting Rods
IF3806240	1	Inframe Kit - 1.0mm	Fractured Connecting Rods
IF3806240M	1	Inframe Kit - 1.0mm	Machined Connecting Rods
OH3802630	1	Overhaul Kit - STD	Fractured Connecting Rods
OH3802630M	1	Overhaul Kit - STD	Machined Connecting Rods
OH3806239	1	Overhaul Kit - .50mm	Fractured Connecting Rods
OH3806239M	1	Overhaul Kit - .50mm	Machined Connecting Rods
OH3806240	1	Overhaul Kit - 1.0mm	Fractured Connecting Rods
OH3806240M	1	Overhaul Kit - 1.0mm	Machined Connecting Rods

CYLINDER & BLOCK COMPONENTS

PART #	QTY	DESCRIPTION	COMMENT
M-3802630	6	Piston Kit - STD - 10.5:1 CR	CNG
M-3806239	6	Piston Kit - .50mm - 10.5:1 CR	CNG
M-3806240	6	Piston Kit - 1.0mm - 10.5:1 CR	CNG
M-3802951	6	Piston Ring Set - STD	
M-3806241	6	Piston Ring Set - .50mm	
M-3806242	6	Piston Ring Set - 1.0mm	
M-3934047	6	Piston Pin	3.255"L
M-3920691	12	Piston Pin Retainer	
M-3904166	AR	Cylinder Block Salvage Sleeve	
MCB6BEXPK	1	Expansion Plug Kit	Non-STORM Blocks
MCB6BEXPKS	1	Expansion Plug Kit	STORM Blocks
M-4943979	6	Connecting Rod - Fractured	Full Sets ONLY & Individual Shells
M-3900919	12	Connecting Rod Cap Bolt	Machined Rod ONLY M11x1.25x59

*NOTE: Contained in Piston Kit

G/GTA5.9 B5.9G G6BT5.9

ENGINE BEARINGS

PART #	QTY	DESCRIPTION	COMMENT
M-3939859	12	Connecting Rod Bearing - STD	
M-3901171	12	Connecting Rod Bearing - .25mm	
M-3901172	12	Connecting Rod Bearing - .50mm	
M-3901173	12	Connecting Rod Bearing - .75mm	
M-3901174	12	Connecting Rod Bearing - 1.0mm	
M-3939859	6	Connecting Rod Bearing - STD	Upper - Fractured Rod
M-4893693	6	Connecting Rod Bearing - STD	Lower - Fractured Rod
M-3901171	6	Connecting Rod Bearing - .25mm	Upper - Fractured Rod
M-4892795	6	Connecting Rod Bearing - .25mm	Lower - Fractured Rod
M-3901172	6	Connecting Rod Bearing - .50mm	Upper - Fractured Rod
M-4892796	6	Connecting Rod Bearing - .50mm	Lower - Fractured Rod
M-3901173	6	Connecting Rod Bearing - .75mm	Upper - Fractured Rod
M-4892797	6	Connecting Rod Bearing - .75mm	Lower - Fractured Rod
M-3901174	6	Connecting Rod Bearing - 1.0mm	Upper - Fractured Rod
M-4892798	6	Connecting Rod Bearing - 1.0mm	Lower - Fractured Rod
M-3802070	1	Main Bearing Set - STD	
M-3802071	1	Main Bearing Set - .25mm	
M-3802072	1	Main Bearing Set - .50mm	
M-3802073	1	Main Bearing Set - .75mm	
M-3802074	1	Main Bearing Set - 1.0mm	
M-3901306	1	Camshaft Bushing	ESN ≤ 45537237
M-3940059	1	Camshaft Bushing	ESN ≥ 45537238
M-4891178	6	Connecting Rod Bushing	

G/GTA5.9 B5.9G G6BT5.9

GASKET SETS & KITS

PART #	QTY	DESCRIPTION	COMMENT
M-2881955	1	Upper Gasket Set	
M-3802364	1	Upper Gasket Set	.25mm Head Gasket
M-3802376	1	Lower Gasket Set	
MCB6B01OH	1	Complete Gasket Set	O/H Set
M-4027309	1	Turbocharger Repair Kit	Industrial WH1C
M-3575169	1	Turbocharger Repair Kit	Automotive HX35W

CRANKSHAFT & SEALS

PART #	QTY	DESCRIPTION	COMMENT
M-3907804	1	Crankshaft	w/o Gear
M-3929027	1	Crankshaft Gear	
M-3914454	1	Damper - Rubber	Industrial
M-3937111	1	Front Crankshaft Seal Kit - STD	Can be used w/ Quick Repair Sleeve
M-3906080	AR	Front Quick Repair Sleeve	
M-3802820	1	Front Seal Kit - OS	Integral Seal & Wear Sleeve
M-4089342	1	Rear Crankshaft Seal Kit - STD	Can be used w/ Quick Repair Sleeve
M-4955372	1	Rear Crankshaft Seal Kit - STD	Double Lip for Wet Housings
M-3906081	AR	Rear Quick Repair Sleeve	
M-3926126	1	Rear Crankshaft Seal Kit - OS	Integral Seal & Wear Sleeve
M-4947667	1	Rear Cover Gasket	
M-3912473	1	Rear Rectangular Seal	

CAMSHAFT & TAPPET

PART #	QTY	DESCRIPTION	COMMENT
M-3929042	1	Camshaft	w/o Gear
M-3902332	1	Key	
M-3900687	1	Expansion Plug	Rear of Camshaft
M-3931623	12	Tappet	
M-3284377	12	Push Rod	
M-3284623	1	Tappet Cover Gasket	
M-3928759	6	Tappet Cover Grommet Seal	

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G/GTA5.9 B5.9G G6BT5.9

GEAR HOUSING

PART #	QTY	DESCRIPTION	COMMENT
M-3903794	1	Gear Housing Cover	Industrial
M-3914385	1	Gear Housing Cover Gasket	Industrial
M-3918673	1	Gear Housing Cover Gasket	Automotive
M-3917759	1	Gear Housing	Industrial
M-3936256	1	Gear Housing	Automotive
M-3938156	1	Gear Housing Gasket	Industrial & Auto

CYLINDER HEAD COMPONENTS

G/GTA5.9 INDUSTRIAL

PART #	QTY	DESCRIPTION	COMMENT
M-3802658	6	Valve Kit - Intake	30200214 (Ref)
M-3922715	6	Valve Seat - Intake	30200211 (Ref)
M-3802659	6	Valve Kit - Exhaust	30200215 (Ref)
M-3922716	6	Valve Seat - Exhaust	30200210 (Ref)
M-4090327	6	Valve Guide - Intake	30200213 (Ref)
M-4090328	6	Valve Guide - Exhaust	30200212 (Ref)
M-3900250	24	Valve Lock	
M-3921640	6	Valve Stem Seal	
M-3925667	12	Valve Spring	
M-3925666	12	Rotator	
M-3920779	6	Head Bolt	M12-1.75x70
M-3920780	14	Head Bolt	M12-1.75x120
M-3920781	6	Head Bolt	M12-1.75x180
M-3812092	5	Expansion Plug	
M-3906619	2	Pipe Plug	
M-3008468	5	Pipe Plug	1/2 NPT
M-3008469	1	Pipe Plug	3/4 NPT

G/GTA5.9 B5.9G G6BT5.9

CYLINDER HEAD COMPONENTS

B5.9G AUTOMOTIVE

PART #	QTY	DESCRIPTION	COMMENT
M-3802658	6	Valve Kit - Intake	
M-3922715	6	Valve Seat - Intake	
M-3802659	6	Valve Kit - Exhaust	
M-3922716	6	Valve Seat - Exhaust	
M-3900250	24	Valve Lock	
M-3926700	12	Valve Spring	
M-3900299	12	Spring Reatainer	
M-3921640	12	Valve Stem Seal	
M-3920779	6	Head Bolt	M12-1.75x70
M-3920780	14	Head Bolt	M12-1.75x120
M-3920781	6	Head Bolt	M12-1.75x180
M-3812092	5	Expansion Plug	
M-3906619	2	Pipe Plug	
M-3008468	5	Pipe Plug	½ NPT
M-3008469	1	Pipe Plug	¾ NPT

CYLINDER HEAD COMPONENTS

G6BT5.9 PLUS / INTERNATIONAL

PART #	QTY	DESCRIPTION	COMMENT
M-3802658	6	Valve Kit - Intake	
M-3922715	6	Valve Seat - Intake	
M-3802659	6	Valve Kit - Exhaust	
M-3922716	6	Valve Seat - Exhaust	
M-3900250	24	Valve Lock	
M-3926700	12	Valve Spring	
M-3900299	12	Spring Reatainer	
M-3921640	12	Valve Stem Seal	
M-3920779	6	Head Bolt	M12-1.75x70
M-3920780	14	Head Bolt	M12-1.75x120
M-3920781	6	Head Bolt	M12-1.75x180
M-3812092	5	Expansion Plug	
M-3906619	2	Pipe Plug	
M-3008468	5	Pipe Plug	½ NPT
M-3008469	1	Pipe Plug	¾ NPT

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G/GTA5.9 B5.9G G6BT5.9

ROCKER COVER

PART #	QTY	DESCRIPTION	COMMENT
M-3935449	6	Rocker Cover Bolt Isolator	
M-3910824	6	Rocker Cover Bolt Seal	
M-3930906	6	Rocker Cover Gasket	

LUBRICATION SYSTEM

PART #	QTY	DESCRIPTION	COMMENT
M-4939587	1	Oil Pump	
M-3921558	1	Oil Cooler Core	
M-3929792	1	Oil Cooler Filter Head Gasket	Industrial
M-3942914	1	Oil Cooler Filter Head Gasket	Automotive
M-3918428	1	Pressure Regulator Plunger	
M-3915703	1	Oil Pan	
M-3959052	1	Oil Pan Gasket	
M-3938157	1	Oil Pickup Tube Gasket	

COOLING SYSTEM

PART #	QTY	DESCRIPTION	COMMENT
M-3802968	1	Thermostat - 180°	
M-3906697	1	Thermostat Seal Ring	
M-3802358	1	Water Pump Kit	
M-3286278	1	Water Pump Kit	Hard Pulley
M-3906698	1	Water Pump Seal Ring	
M-3910739	1	Fan Hub Bearing	
M-3937553	1	Idler Pulley Assembly	
M-3911560	1	Polygroove Belt	Industrial
M-3911558	1	Polygroove Belt	Automotive

G/GTA5.9 B5.9G G6BT5.9

GASKETS

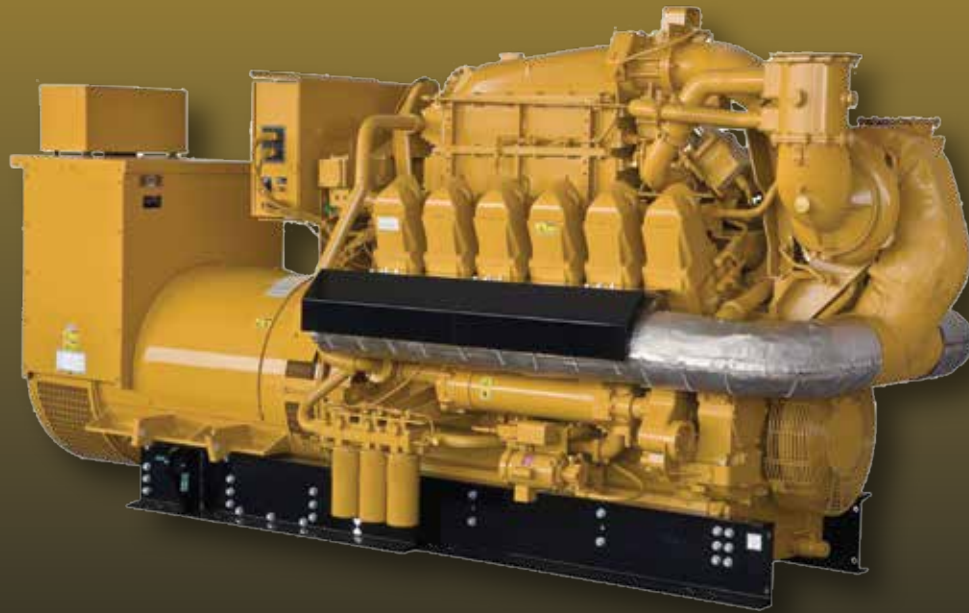
DESCRIPTION	QTY	PART #	COMMENT
Exhaust Manifold Gasket	6	M-3927154	
Gear Housing Cover Gasket	1	M-3914385	Industrial
Gear Housing Cover Gasket	1	M-3918673	Automotive
Gear Housing Gasket	1	M-3938156	
Intake Manifold Gasket	1	M-3938152	
Oil Cooler Core Gasket	1	M-3942915	
Oil Cooler Filter Head Gasket	1	M-3929792	Industrial
Oil Cooler Filter Head Gasket	1	M-3942914	Automotive
Oil Pan Gasket	1	M-3959052	
Oil Pickup Tube Gasket	1	M-3938157	
Rear Cover Gasket	1	M-3938159	
Rear Cover Seal Ring	1	M-3912473	
Rocker Cover Bolt Isolator	6	M-3935449	
Rocker Cover Bolt Seal	6	M-3910824	
Rocker Cover Gasket	6	M-3930906	
Tappet Cover Gasket	1	M-3284623	
Tappet Cover Grommet Seal	6	M-3928759	
Thermostat Seal Ring	1	M-3906697	
Turbocharger Mounting Gasket	1	M-3709861	
Turbocharger Mounting Gasket	1	M-3919369	
Turbocharger Oil Drain Gasket	1	M-3519807	
Water Pump Seal Ring	1	M-3906698	

Replacement Parts for

CATERPILLAR®

**G3520, G3516, G3512, G3508, G399,
G398, G379, G353, G342, G3412,
G3408, G3406, G3306, G3304**

Natural Gas Engines



CYLINDER COMPONENTS

PART #	QTY	DESCRIPTION	COMMENT
M-CK2622061P	20	Cylinder Kit - 11.3:1 CR	G3520C
M-2622061	20	Piston Body - 11.3:1 CR	G3520C
M-2117826	20	Cylinder Liner	
M-3535995	20	Cylinder Liner Seal Kit	
-M-8N4707		1 - Filler Band	Non-Chamfered Block
-M-3526061		1 - Filler Band	Chamfered Block
-M-7N2046		3 - O-Ring Seal	
M-7E2899	20	Piston Ring Set	G3520B
M-RS2622061	20	Piston Ring Set	G3520C
M-1388506	20	Piston Pin	
M-8N7296	40	Piston Pin Retainer	

GASKET SETS

PART #	QTY	DESCRIPTION	COMMENT
MCB3520011	1	Major Overhaul Gasket Set	G3520B ESN = BGW, CWD, GET, GLF, GZP, TPC
MCB3520012	1	In Chassis Gasket Set	
MCB3520013	1	Cylinder Head Gasket Set	
M-3550765	20	Single Head Gasket Set	G3520B / G3520C

ENGINE BEARINGS

PART #	QTY	DESCRIPTION	COMMENT
M-1077330	20	Connecting Rod Bearing - STD	
M-1077331	20	Connecting Rod Bearing - .025"	
M-1077332	20	Connecting Rod Bearing - .050"	
M-1496031	11	Main Bearing - STD	
M-1496032	11	Main Bearing - .025"	
M-1496033	11	Main Bearing - .050"	
M-7C6209	2	Thrust Bearing	
M-1181655	20	Piston Pin Bushing	
M-1011198	22	Camshaft Bushing	G3520B/C/E

CYLINDER HEAD COMPONENTS

G3520B

PART #	QTY	DESCRIPTION	COMMENT
M-3074641	80	Valve - Intake & Exhaust	Natural Gas
M-3089177	80	Valve - Intake & Exhaust	Landfill Gas
MCB1047184	80	Valve - Intake & Exhaust	Inconel
M-2668718	40	Valve Seat - Intake - STD	
M-2668719	40	Valve Seat - Intake - .25mm OS	
M-2668720	40	Valve Seat - Intake - .51mm OS	
M-1916760	40	Valve Seat - Exhaust - STD	
M-2061546	40	Valve Seat - Exhaust - .25mm OS	
M-2061547	40	Valve Seat - Exhaust - .51mm OS	
M-2A4429	160	Valve Lock	
M-1916766	40	Valve Seat - Intake - STD	
M-2061544	AR	Valve Seat - Intake - .25mm OS	
M-2061545	AR	Valve Seat - Intake - .51mm OS	
M-2061541	40	Valve Seat - Exhaust - STD	
M-2061542	AR	Valve Seat - Exhaust - .25mm OS	
M-2061543	AR	Valve Seat - Exhaust - .51mm OS	
M-7N1903	80	Valve Spring - Inner	2.03" approx. free length
M-7N1904	80	Valve Spring - Outer	2.46" approx. free length
M-2090962	80	Washer - Spring Seat	
M-1976999	80	Rotocoil Assembly	
M-2603904	20	Spacer Plate	Steel

CYLINDER HEAD COMPONENTS

G3520C / G3520E Type #1

PART #	QTY	DESCRIPTION	COMMENT
M-3074641	80	Valve - Intake & Exhaust	Natural Gas
M-3089177	80	Valve - Intake & Exhaust	Landfill Gas
MCB1047184	80	Valve - Intake & Exhaust	Inconel
M-3087100	40	Valve Seat - Intake & Exhaust - STD	
M-2A4429	160	Valve Lock	
M-1845495	40	Valve Guide - Intake - STD	Two Grooves
M-1845494	40	Valve Guide - Exhaust - STD	One Groove
M-2289673	40	Valve Stem Seal - Intake	Landfill Gas
M-1944902	80	Valve Spring - Inner	
M-1944901	80	Valve Spring - Outer	
M-2090962	80	Washer - Spring Seat	
M-2182935	80	Rotocoil Assembly	
M-2603904	20	Spacer Plate	Steel

CYLINDER HEAD COMPONENTS

G3520C / G3520E Type #2

PART #	QTY	DESCRIPTION	COMMENT
M-3954263	80	Valve - Intake & Exhaust	Natural Gas
M-3954264	80	Valve - Intake & Exhaust	Landfill Gas
MCB1047184	80	Valve - Intake & Exhaust	Inconel
M-3087100	40	Valve Seat - Intake & Exhaust - STD	
M-2A4429	160	Valve Lock	
M-1845495	40	Valve Guide - Intake - STD	Two Grooves
M-1845494	40	Valve Guide - Exhaust - STD	One Groove
M-3954261	40	Valve Stem Seal - Intake	Landfill Gas
M-3165977	80	Valve Spring - Inner	
M-3165976	80	Valve Spring - Outer	
M-3165981	80	Washer - Spring Seat	
M-2182935	80	Rotocoil Assembly	
M-2603904	20	Spacer Plate	Steel

VALVE MECHANISM

PART #	QTY	DESCRIPTION	COMMENT
M-8F8858	40	Rocker Arm Button	
M-3467515	40	Lifter Assembly	
M-7N4782	40	Lifter Guide Spring	
M-3467515RK	40	Lifter Repair Kit	Pin & Roller

COOLING SYSTEM

PART #	QTY	DESCRIPTION	COMMENT
M-2485513	8	Regulator - 180°	
M-2477133	8	Regulator - 190°	
M-3S9643	8	Regulator Seal	
M-7E6016	1	Regulator Housing Gasket	
M-1792960	20	Gasket	Cylinder Head to Manifold
M-5P7204	40	Seal - O-Ring	Tube, Head to Water Manifold

GASKETS

PART #	QTY	DESCRIPTION	COMMENT
M-2067030	20	Rocker Cover Gasket - G3520B	Press in place type
M-2965820	20	Rocker Cover Gasket - G3520C/E	Press in place type
M-2082362	8	Camshaft Cover Seal	Press in place type
M-2207191	18	Camshaft Cover Seal	Press in place type
M-2082363	18	Side Cover Seal	Press in place type
M-7E6016	1	Regulator Housing Gasket	
M-1792960	20	Gasket	Cylinder Head to Manifold
M-5P7204	40	Seal - O-Ring	Tube, Head to Water Manifold
M-2067030	20	Rocker Cover Gasket	G3520B Press in place type
M-2965820	20	Rocker Cover Gasket	G3520C Press in place type

G3500

CYLINDER COMPONENTS

PART #	QTY			DESCRIPTION	COMMENT
	G3508	G3512	G3516		
M-CK7E7600P	8	12	16	Cylinder Kit - 9:1 CR	G3500
M-CK1014140P	8	12	16	Cylinder Kit - 8:1 CR	
M-CK1339375P	8	12	16	Cylinder Kit - 8:1 CR	
M-CK1973765P	8	12	16	Cylinder Kit - 11.1:1 CR	
M-CK2127596	8	12	16	Cylinder Kit - 12.5:1 CR	
M-CK2622061P			16	Cylinder Kit - 11.3:1 CR	G3500C
M-7E7600	8	12	16	Piston Body - 9:1 CR	
M-1014140	8	12	16	Piston Body - 8:1 CR	
M-1339375	8	12	16	Piston Body - 8:1 CR	
M-1973765	8	12	16	Piston Body - 11:1 CR	
M-2127596	8	12	16	Piston Body - 12.5:1 CR	
M-2622061			16	Piston Body - 11.3:1 CR	
M-1238206	8	12	16	Cylinder Liner	8.150" Flange OD early style
M-2117826	8	12	16	Cylinder Liner	8.3317" Flange OD
M-3535995	8	12	16	Cylinder Liner Seal Kit	
-M-8N4707				1-Filler Band	Non-Chamfered Block
-M-3526061				1-Filler Band	Chamfered Block
-M-7N2046				3-O-Ring Seal	
M-7E2899	8	12	16	Piston Ring Set	G3500
M-RS2622061			16	Piston Ring Set	G3500C
M-1388506	8	12	16	Piston Pin	
M-8N7296	16	24	32	Piston Pin Retainer	

VIBRATION DAMPER

PART #	QTY			DESCRIPTION	COMMENT
	G3508	G3512	G3516		
M-1933288	8	12	16	Vibration Damper	

ENGINE BEARINGS

PART #	QTY			DESCRIPTION	COMMENT
	G3508	G3512	G3516		
M-1077330	8	12	16	Connecting Rod Bearing - STD	
M-1077331	8	12	16	Connecting Rod Bearing - .025"	
M-1077332	8	12	16	Connecting Rod Bearing - .050"	
M-1496031	5	7	9	Main Bearing - STD	
M-1496032	5	7	9	Main Bearing - .025"	
M-1496033	5	7	9	Main Bearing - .050"	
M-7C6209	2	2	2	Thrust Bearing	
M-1181655	8	12	16	Piston Pin Bushing	
M-7N2048	10	14	18	Camshaft Bushing	
M-1161359	10	14	18	Camshaft Bushing	Thick Wall - Bronze
M-1011198	10	14	18	Camshaft Bushing	G3500B/C/E

CYLINDER HEAD COMPONENTS

Standard (Quiescent) Heads - Wet Manifold

PART #	QTY			DESCRIPTION	COMMENT
	G3508	G3512	G3516		
M-3074641	32	48	64	Valve - Intake & Exhaust	
MCB1047184	32	48	64	Valve - Intake & Exhaust	Inconel
M-6I1713	32	48	64	Valve Seat - Intake & Exhaust	
M-2A4429	64	96	128	Valve Lock	
M-9Y1847	16	24	32	Valve Guide - Intake	
M-9Y1846	16	24	32	Valve Guide - Exhaust	
M-7N1903	32	48	64	Valve Spring - Inner	2.03" approx. free length
M-7N1904	32	48	64	Valve Spring - Outer	2.46" approx. free length
M-1976999	32	48	64	Rotocoil Assembly	
M-2090962	32	48	64	Washer - Spring Seat	Steel
M-2603904	8	12	16	Spacer Plate	

CYLINDER HEAD COMPONENTS

Standard (Swirl) Heads - Dry Manifold

PART #	QTY			DESCRIPTION	COMMENT
	G3508	G3512	G3516		
M-3074641	32	48	64	Valve - Intake & Exhaust	
MCB1047184	32	48	64	Valve - Intake & Exhaust	Inconel
M-1225963	16	24	32	Intake Seat	Standard Swirl Plate
M-6I1713	16	24	32	Exhaust Seat	
M-2A4429	64	96	128	Valve Lock	
M-1845495	16	24	32	Valve Guide - Intake	
M-1845494	16	24	32	Valve Guide - Exhaust	
M-7N1903	32	48	64	Valve Spring - Inner	2.03" approx. free length
M-7N1904	32	48	64	Valve Spring - Outer	2.46" approx. free length
M-1976999	32	48	64	Rotocoil Assembly	
M-2090962	32	48	64	Washer - Spring Seat	
M-2603904	8	12	16	Spacer Plate	Steel

CYLINDER HEAD COMPONENTS

Landfill (Quiescent) Heads - Wet Manifold

PART #	QTY			DESCRIPTION	COMMENT
	G3508	G3512	G3516		
M-3089177	32	48	64	Valve - Intake & Exhaust	
MCB1047184	32	48	64	Valve - Intake & Exhaust	Inconel
M-6I1713	32	48	64	Valve Seat - Intake & Exhaust	
M-2A4429	64	96	128	Valve Lock	
M-1845495	16	24	32	Valve Guide - Intake	Two Grooves
M-1845494	16	24	32	Valve Guide - Exhaust	One Groove
M-1977006	16	24	32	Valve Stem Seal - Intake	
M-7N1903	32	48	64	Valve Spring - Inner	2.03" approx. free length
M-7N1904	32	48	64	Valve Spring - Outer	2.46" approx. free length
M-1976999	32	48	64	Rotocoil Assembly	
M-2090962	32	48	64	Washer - Spring Seat	
M-2603904	8	12	16	Spacer Plate	Steel

CYLINDER HEAD COMPONENTS ▬

Landfill (Swirl) Heads - Dry Manifold

PART #	QTY			DESCRIPTION	COMMENT
	G3508	G3512	G3516		
M-3089177	32	48	64	Valve - Intake & Exhaust	
MCB1047184	32	48	64	Valve - Intake & Exhaust	Inconel
M-1225963	16	24	32	Valve Seat - Intake	Standard Swirl Plate
M-611713	16	24	32	Valve Seat - Exhaust	
M-2A4429	64	96	128	Valve Lock	
M-1845495	16	24	32	Valve Guide - Intake	Two Grooves
M-1845494	16	24	32	Valve Guide - Exhaust	One Groove
M-1977006	16	24	32	Valve Stem Seal - Intake	
M-7N1903	32	48	64	Valve Spring - Inner	2.03" approx. free length
M-7N1904	32	48	64	Valve Spring - Outer	2.46" approx. free length
M-1976999	32	48	64	Rotocoil Assembly	
M-2090962	32	48	64	Washer - Spring Seat	
M-2603904	8	12	16	Spacer Plate	Steel



CYLINDER HEAD COMPONENTS

G3500B / Low Swirl

PART #	QTY			DESCRIPTION	COMMENT
	G3508	G3512	G3516		
M-3074641	32	48	64	Valve - Intake & Exhaust	Natural Gas
M-3089177	32	48	64	Valve - Intake & Exhaust	Landfill Gas
MCB1047184	32	48	64	Valve - Intake & Exhaust	Inconel
M-2668718	16	24	32	Valve Seat - Intake - STD	
M-2668719	AR	AR	AR	Valve Seat - Intake - .25mm OS	
M-2668720	AR	AR	AR	Valve Seat - Intake - .50mm OS	
M-1916760	16	24	32	Valve Seat - Exhaust - STD	
M-2061546	AR	AR	AR	Valve Seat - Exhaust - .25mm OS	
M-2061547	AR	AR	AR	Valve Seat - Exhaust - .50mm OS	
M-2A4429	64	96	128	Valve Lock	
M-1916766	16	24	32	Valve Guide - Intake - STD	
M-2061544	AR	AR	AR	Valve Guide - Intake - .25mm OS	
M-2061545	AR	AR	AR	Valve Guide - Intake - .50mm OS	
M-2061541	16	24	32	Valve Guide - Exhaust - STD	
M-2061542	AR	AR	AR	Valve Guide - Exhaust - .25mm OS	
M-2061543	AR	AR	AR	Valve Guide - Exhaust - .50mm OS	
M-7N1903	32	48	64	Valve Spring - Inner	2.03" approx. free length
M-7N1904	32	48	64	Valve Spring - Outer	2.46" approx. free length
M-1976999	32	48	64	Rotocoil Assembly	
M-2090962	32	48	64	Washer - Spring Seat	
M-2603904	8	12	16	Spacer Plate	Steel

CYLINDER HEAD COMPONENTS

G3500C / G3500E Type #1

PART #	QTY			DESCRIPTION	COMMENT
	G3508	G3512	G3516		
M-3074641	32	48	64	Valve - Intake & Exhaust	Natural Gas
M-3089177	32	48	64	Valve - Intake & Exhaust	Landfill Gas
MCB1047184	32	48	64	Valve - Intake & Exhaust	Inconel
M-3087100	32	48	64	Valve Seat - Int & Exh - STD	
M-2A4429	64	96	128	Valve Lock	
M-1845495	16	24	32	Valve Guide - Intake - STD	Two Grooves
M-1845494	16	24	32	Valve Guide - Exhaust - STD	One Groove
M-2289673	16	24	32	Valve Stem Seal - Intake	Landfill Gas
M-1944902	32	48	64	Valve Spring - Inner	
M-1944901	32	48	64	Valve Spring - Outer	
M-2090962	32	48	64	Washer - Spring Seat	
M-2182935	32	48	64	Rotocoil Assembly	
M-2603904	8	12	16	Spacer Plate	Steel

CYLINDER HEAD COMPONENTS

G3500C / G3500E Type #2

PART #	QTY			DESCRIPTION	COMMENT
	G3508	G3512	G3516		
M-3954263	32	48	64	Valve - Intake & Exhaust	Natural Gas
M-3954264	32	48	64	Valve - Intake & Exhaust	Landfill Gas
MCB1047184	32	48	64	Valve - Intake & Exhaust	Inconel
M-3087100	32	48	64	Valve Seat - Int & Exh - STD	
M-2A4429	64	96	128	Valve Lock	
M-1845495	16	24	32	Valve Guide - Intake - STD	Two Grooves
M-1845494	16	24	32	Valve Guide - Exhaust - STD	One Groove
M-3954261	16	24	32	Valve Stem Seal - Intake	Landfill Gas
M-3165977	32	48	64	Valve Spring - Inner	
M-3165976	32	48	64	Valve Spring - Outer	
M-3165981	32	48	64	Washer - Spring Seat	
M-2182935	32	48	64	Rotocoil Assembly	
M-2603904	8	12	16	Spacer Plate	Steel

VALVE MECHANISM

PART #	QTY			DESCRIPTION	COMMENT
	G3508	G3512	G3516		
M-8F8858	16	24	32	Rocker Arm Button	
M-1W4594	16	24	32	Rocker Arm Bushing	
M-3467515	16	24	32	Lifter Assembly	
M-7N4782	16	24	32	Lifter Guide Spring	
M-3467515RK	16	24	32	Lifter Repair Kit	Pin & Roller

COOLING SYSTEM

PART #	QTY			DESCRIPTION	COMMENT
	G3508	G3512	G3516		
M-2485513	4	4	4	Regulator - 180°	Non-Landfill
M-2477133	4	4	4	Regulator - 190°	Non-Landfill
M-3S9643	4	4	4	Regulator Seal	
M-7N4927	1	1	1	Regulator Housing Gasket	
M-1792960	8	12	16	Gasket	Cylinder Head to Manifold
M-5P7204	16	24	32	Seal - O-Ring	Tube, Head to Water Manifold
M-6V9769	16	24	32	Seal - O-Ring	Tube, Head to Water Manifold
M-4W5409	1			Cooler Core	
M-4W4980		1		Cooler Core	

GASKET SETS-MCBEE CUSTOM

PART #	QTY			DESCRIPTION	COMMENT
	G3508	G3512	G3516		
MCB3508031	1			Overhaul Gasket Set	ESN = 2JF Magneto & Wet Manifolds
MCB3508033	1			Cylinder Head Gasket Set	
MCB3508041	1			Overhaul Gasket Set	
MCB3508043	1			Cylinder Head Gasket Set	ESN = 4WD,9TG,DLR EIS & Wet Manifolds
MCB3512011		1		Overhaul Gasket Set	ESN = 4KC Magneto & Wet Manifolds
MCB3512012		1		In Chassis Gasket Set	
MCB3512013		1		Cylinder Head Gasket Set	
MCB3512021		1		Overhaul Gasket Set	ESN = 5JD,6JW,7NJ,CTM, GNS,WPP,WPR EIS & Wet Manifolds
MCB3512022		1		In Chassis Gasket Set	
MCB3512023		1		Cylinder Head Gasket Set	
MCB3512111		1		Overhaul Gasket Set	ESN = 5JD,5ZZ,7NJ,CTM EIS & Dry Manifolds
MCB3512112		1		In Chassis Gasket Set	
MCB3512113		1		Cylinder Head Gasket Set	
MCB3516011			1	Overhaul Gasket Set	ESN = 3RC Magneto & Wet Manifolds
MCB3516012			1	In Chassis Gasket Set	
MCB3516013			1	Cylinder Head Gasket Set	
MCB3516021			1	Overhaul Gasket Set	ESN = 4EK,5PN,8LD,8PW,N6A, N6B,N6C,WPS,WPT,WPW EIS & Wet Manifolds
MCB3516022			1	In Chassis Gasket Set	
MCB3516023			1	Cylinder Head Gasket Set	
MCB3516021			1	Overhaul Gasket Set	Generator ESN = CPG,CSZ,E62,E6N,E6Y,E6Z, L6A,L6E,L6F,L6G EIS & Wet Manifolds
MCB3516022			1	In Chassis Gasket Set	
MCB3516023			1	Cylinder Head Gasket Set	
MCB3516111			1	Overhaul Gasket Set	ESN = 4EK,8LD EIS & Dry Manifolds
MCB3516112			1	In Chassis Gasket Set	
MCB3516113			1	Cylinder Head Gasket Set	
MCB3516111			1	Overhaul Gasket Set	Generator ESN = E6Y,L6A,L6E,L6G, EIS & Dry Manifolds
MCB3516112			1	In Chassis Gasket Set	
MCB3516113			1	Cylinder Head Gasket Set	
MCB3516211			1	Overhaul Gasket Set	ESN = JEF,N6E EIS & Dry Manifolds
<i>In Development</i>			1	In Chassis Gasket Set	
MCB3516213			1	Cylinder Head Gasket Set	
MCB3516211			1	Overhaul Gasket Set	Generator ESN = CME,CSC,L6H,L6J EIS & Dry Manifolds
<i>In Development</i>			1	In Chassis Gasket Set	
MCB3516213			1	Cylinder Head Gasket Set	

GASKET SETS-MCBEE CUSTOM

PART #	QTY			DESCRIPTION	COMMENT
	G3508	G3512	G3516		
MCB3500NG	AR	AR	AR	Single Head Gasket Set	Magneto & EIS - Ceramic Manifolds
MCB3516114		AR	AR	Single Head Gasket Set	Dry Manifold
M-3550765	AR	AR	AR	Single Head Gasket Set	G3500B / G3500C

GASKETS

PART #	QTY			DESCRIPTION	COMMENT
	G3508	G3512	G3516		
M-2067030	8	12	16	Rocker Cover Gasket	Press in place type
M-2082362	6	10	14	Camshaft Cover Seal	Press in place type
M-2082363	8	12	16	Side Cover Seal	Press in place type
M-3S9643	4	4	4	Regulator Seal	
M-7N4927	1	1	1	Regulator Housing Gasket	
M-1792960	8	12	16	Gasket	Cylinder Head to Manifold
M-5P7204	16	24	32	Seal - O-Ring	Tube, Head to Water Manifold
M-6V9769	16	24	32	Seal - O-Ring	Tube, Head to Water Manifold



6.25" BORE

CYLINDER COMPONENTS

PART #	QTY				DESCRIPTION	COMMENT
	G353	G379	G398	G399		
M-CK3S1824P	6	8	12	16	Cylinder Kit - 7:1 CR	
M-CK3S1826P	6	8	12	16	Cylinder Kit - 10:1 CR	
M-3S1824	6	8	12	16	Piston Body - 7:1 CR	
M-3S1826	6	8	12	16	Piston Body - 10:1 CR	
M-8N9174	6	8	12	16	Cylinder Liner	
M-5P8970	6	8	12	16	Cylinder Liner Seal Kit	*Included in Seal Kit
-M-8N4708					1 - Filler Band*	
-M-6L7815					3 - O-Ring Seal*	
M-1W6055	6	8	12	16	Ring Set	
M-7N9810	6	8	12	16	Piston Pin	
M-7M4926	12	16	24	32	Piston Pin Retainer	

CRANKSHAFT SEALS & DAMPER

PART #	QTY				DESCRIPTION	COMMENT
	G353	G379	G398	G399		
M-2W6769	1				Crankshaft Seal - Front	Piston Ring Style
M-2W2191	1				Crankshaft Seal - Rear	Piston Ring Style
M-3N9160			2	2	Crankshaft Seal - Front & Rear	Piston Ring Style
M-4W2606			1	1	Front Seal Assembly	Directional Type Seal
M-4W2566			1	1	Front Seal Adaptor	
M-5L2093			1	1	Front Seal Adaptor Gasket	
M-4W2568			1	1	Front Seal Conversion Kit	Seal Assy, Adaptor & Gasket
M-4W2607			1	1	Rear Seal Assembly	Directional Type Seal
M-4W2567			1	1	Rear Seal Adaptor	
M-5L2093			1	1	Rear Seal Adaptor Gasket	
M-4W2569			1	1	Rear Seal Conversion Kit	Seal Assy, Adaptor & Gasket
M-1678133			1	1	Vibration Damper	

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

6.25" BORE

ENGINE BEARINGS

PART #	QTY				DESCRIPTION	COMMENT
	G353	G379	G398	G399		
M-1N4336	6				Connecting Rod Bearing - STD	
M-1N4337	6				Connecting Rod Bearing - .025"	
M-1N4338	6				Connecting Rod Bearing - .050"	
M-8N7769		8	12	16	Connecting Rod Bearing - STD	
M-8N7770		8	12	16	Connecting Rod Bearing - .025"	
M-8N7771		8	12	16	Connecting Rod Bearing - .050"	
M-1N4316	1				Main Bearing - STD	ESN = 64B312 & up
M-1N4317	4				Main Bearing - STD	
M-1N4318	1				Main Bearing - STD	
M-1N4331	1				Main Bearing - STD	
M-1N4319	1				Main Bearing - .025"	ESN = 64B312 & up
M-1N4320	4				Main Bearing - .025"	
M-1N4321	1				Main Bearing - .025"	
M-1N4332	1				Main Bearing - .025"	
M-1N4322	1				Main Bearing - .050"	ESN = 64B312 & up
M-1N4323	4				Main Bearing - .050"	
M-1N4324	1				Main Bearing - .050"	
M-1N4333	1				Main Bearing - .050"	
M-8N7764		5	7	9	Main Bearing - STD	
M-8N7765		5	7	9	Main Bearing - .025"	
M-8N7766		5	7	9	Main Bearing - .050"	
M-4L4653		2	2	2	Thrust Plate	
M-2H2330	6				Camshaft Bushing	
M-2H7878	1				Camshaft Bushing	
M-5L2894		5	7	9	Camshaft Bushing	
M-8N2275	6	8	12	16	Piston Pin Bushing	
M-3F7445	12	16	24	32	Rocker Arm Bushing	

6.25" BORE

CYLINDER HEAD COMPONENTS

3/8" Valve Stems

PART #	QTY				DESCRIPTION	COMMENT
	G353	G379	G398	G399		
M-1W8606	6	8	12	16	Valve - Intake	
M-2W3211	6	8	12	16	Valve - Exhaust	
M-5S1757	6	8	12	16	Valve Seat - Intake	
M-1S5738	6	8	12	16	Valve Seat - Exhaust	
M-2N9298	6	8	12	16	Valve Guide - Intake	
M-2N9299	6	8	12	16	Valve Guide - Exhaust	
M-2A4429	24	32	48	64	Valve Lock	
M-3N1414	12	16	24	32	Valve Guide Spacer	
M-9M5350	12	16	24	32	Valve Spring - Outer	
M-9M5349	12	16	24	32	Valve Spring - Inner	
M-2N9297	6	8	12	16	Valve Spring Retainer - Exhaust	
M-1W3062	6	8	12	16	Valve Spring Retainer - Intake	w/ M-8N7780 Shield
M-8N7780	6	8	12	16	Shield - Intake Valve	
M-7N7639	12	16	24	32	Rotocoil	
M-7L918	6	8	12	16	Spark Plug Adapter	
M-6L7816	6	8	12	16	Spark Plug Adapter O-Ring Seal	
M-6L1576	6	8	12	16	Spark Plug Adapter Gasket	Washer
MCB6B6224	24	32	48	64	Ferrule Assembly (Large)	Includes M-6B6224 & M-6L7813
MCB7B2420	16	24	36	48	Ferrule Assembly (Small)	Includes M-6B6224 & M-6L7813
M-3N3220		4	6	8	Head Gasket	Steel Clad Gasket
MCB3N3220		4	6	8	Head Gasket	Graphite Composite Gasket
M-6L4497		4	6	8	Gasket - Push Tube Oil Return	
M-4H2494		4	6	8	Seal - Sleeve	Oil Jumper Tube to Rocker Shaft
M-3P0647		8	12	16	Seal - O-Ring	Oil Feed Tube
M-9F6656		4	6	8	Ring - Spiral Lock	
M-1021561	12	16	24	32	Lifter Assembly	
M-8F8858	12	16	24	32	Rocker Arm Button	
M-9F7707	12	16	24	32	Rocker Arm Button Retainer	
M-3F7445	12	16	24	32	Rocker Arm Bushing	

6.25" BORE

CYLINDER HEAD COMPONENTS

3/8" Valve Stems

PART #	QTY				DESCRIPTION	COMMENT
	G353	G379	G398	G399		
M-6L5369	2				Rocker Cover Gasket	
M-2N3597		4	6	8	Rocker Cover Gasket	

LUBRICATION SYSTEM

PART #	QTY				DESCRIPTION	COMMENT
	G353	G379	G398	G399		
M-7N125	1				Oil Cooler Core	
M-4W5550		1			Oil Cooler Core	
M-4W5549			1		Oil Cooler Core	
M-4W5551				1	Oil Cooler Core	
M-5L1902	2				Oil Core Gasket	
M-4L8606		2	2	2	Oil Core Gasket	
M-2S2781		1	1	1	Oil Pump Relief Plunger	
M-6N1280		1	1	1	Oil Pump Plunger Spring	
M-2L3451	1				Oil Pan Gasket	Oil Pan to Cylinder Block
M-2L3546	1				Oil Pan Gasket	Front section to rear section
M-6L5038	1				Oil Pan Gasket	Side Cover

COOLING SYSTEM

PART #	QTY				DESCRIPTION	COMMENT
	G353	G379	G398	G399		
M-6N4540	2				Regulator - 180°	
M-2477133		4	4		Regulator - 190°	
M-4W4011				4	Regulator - 170°	
M-2485513				4	Regulator - 180°	
M-3S9643		4	4	4	Regulator Seal	
M-5L1690	1				Gasket	
M-5L1691	1				Gasket	

6.25" BORE

TURBOCHARGER

PART #	QTY				DESCRIPTION	COMMENT
	G353	G379	G398	G399		
M-1P6084	1		2		Turbocharger	ESN = 4MD-455
-1P5466	1		2		-Cartridge	
-7M9917	1		2		-Clamp	
-2S1304	1		2		-Clamp	
M-1P6083		2			Turbocharger	ESN = 4MD-455
-1P5466		2			-Cartridge	
-7M9917		2			-Clamp	
-2S1304		2			-Clamp	
M-6N8636				2	Turbocharger	ESN = 4MD-755
-1P6072				2	-Cartridge	
-7M9917				2	-Clamp	
-2S1304				2	-Clamp	
M-2W726	1	2	2	2	Repair Kit	
M-1P5467	1	2	2	2	Bearing Kit	
M-7M7273	1	2	2	2	Mounting Gasket	

GASKETS

PART #	QTY				DESCRIPTION	COMMENT
	G353	G379	G398	G399		
M-6L5369	2				Rocker Cover Gasket	
M-2N3597		4	6	8	Rocker Cover Gasket	
M-6L5490	2				Side Cover Gasket	Lower Cylinder Block
M-1F9223		4	6	8	Side Cover Gasket	Lower Cylinder Block
M-2L3451	1				Oil Pan Gasket	Pan to Cylinder Block
M-2L3546	1				Oil Pan Gasket	Front section to rear section
M-6L5038	1				Oil Pan Gasket	Side Cover

6.25" BORE

GASKET SETS-MCBEE CUSTOM

PART #	QTY				DESCRIPTION	COMMENT
	G353	G379	G398	G399		
M-2P7629	1				Valve Grind Gasket Set	
M-1P9754		1			Valve Grind Gasket Set	
MCB379023		1			Cylinder Head Gasket Set	
MCB379023GC		1			Cylinder Head Gasket Set	Graphite Composite Gasket
MCB379033		1			Cylinder Head Gasket Set	
MCB379033GC		1			Cylinder Head Gasket Set	Graphite Composite Gasket
MCB398083			1		Valve Grind Gasket Set	
MCB398083GC			1		Valve Grind Gasket Set	Graphite Composite Gasket
MCB398163			1		Cylinder Head Gasket Set	
MCB398163GC			1		Cylinder Head Gasket Set	Graphite Composite Gasket
MCB398093			1		Cylinder Head Gasket Set	
MCB398093GC			1		Cylinder Head Gasket Set	Graphite Composite Gasket
M-9S4316				1	Valve Grind Gasket Set	
MCB399123				1	Cylinder Head Gasket Set	
MCB399123GC				1	Cylinder Head Gasket Set	Graphite Composite Gasket
MCB399133				1	Cylinder Head Gasket Set	
MCB399133GC				1	Cylinder Head Gasket Set	Graphite Composite Gasket
MCB399054		4	6	8	Single Cylinder Head Gasket Set	
MCB399054GC		4	6	8	Single Cylinder Head Gasket Set	Graphite Composite Gasket
MCB379022		1			Inframe Gasket Set	
MCB379022GC		1			Inframe Gasket Set	Graphite Composite Gasket
MCB379032		1			Inframe Gasket Set	
MCB379032GC		1			Inframe Gasket Set	Graphite Composite Gasket
MCB398162			1		Inframe Gasket Set	
MCB398162GC			1		Inframe Gasket Set	Graphite Composite Gasket
MCB398092			1		Inframe Gasket Set	
MCB398092GC			1		Inframe Gasket Set	Graphite Composite Gasket
MCB399122				1	Inframe Gasket Set	
MCB399122GC				1	Inframe Gasket Set	Graphite Composite Gasket
MCB399132				1	Inframe Gasket Set	
MCB399132GC				1	Inframe Gasket Set	Graphite Composite Gasket
M-2P7630	1				Overhaul Gasket Set	
M-2S7521		1			Overhaul Gasket set	72B1-467
MCB379021		1			Overhaul Gasket Set	72B468 & up Non-Turbocharged

6.25" BORE

GASKET SETS-MCBEE CUSTOM

PART #	QTY				DESCRIPTION	COMMENT
	G353	G379	G398	G399		
MCB379021GC		1			Overhaul Gasket Set	72B468 & up Non-Turbocharged Graphite Composite Head Gasket
MCB379031		1			Overhaul Gasket Set	72B468 & up Turbo/Aftercooled
MCB379031GC		1			Overhaul Gasket Set	72B468 & up Turbo/Aftercooled Graphite Composite Head Gasket
MCB398081			1		Overhaul Gasket Set	73B1-905
MCB398081GC			1		Overhaul Gasket Set	73B1-905 Graphite Composite Head Gasket
MCB398161			1		Overhaul Gasket Set	73B906 & up Non-Turbocharged
MCB398161GC			1		Overhaul Gasket Set	73B906 & up Non-Turbocharged Graphite Composite Head Gasket
MCB398091			1		Overhaul Gasket Set	73B906 & up Turbo/Aftercooled
MCB398091GC			1		Overhaul Gasket Set	73B906 & up Turbo/Aftercooled Graphite Composite Head Gasket
M-9S4317				1	Overhaul Gasket Set	49C1 - 260
MCB399121				1	Overhaul Gasket Set	49C261 & up Non-Turbocharged
MCB399121GC				1	Overhaul Gasket Set	49C261 & up Non-Turbocharged Graphite Composite Head Gasket
MCB399131				1	Overhaul Gasket Set	49C261 & up Turbo/Aftercooled
MCB399131GC				1	Overhaul Gasket Set	49C261 & up Turbo/Aftercooled Graphite Composite Head Gasket

GASKET SETS - MODULAR

PART #	QTY				DESCRIPTION	COMMENT
	G353	G379	G398	G399		
M-6V5421		1			Central & Lower Set	72B468 & up
M-6V5424		1			Front Structure Set	
M-6V3741		1			Rear Structure Set	
M-6V5418		1			Manifold Set	
M-6V5426		1			Water Pump Set	72B468 - 685
M-6V3743		1			Water Pump Set	72B686 & up
M-6V5429		1			Water Lines Set	72B468 - 622
M-6V3745		1			Water Lines Set	72B623 & up
M-6V5420		1			Aftercooler & Lines Set	72B468 & up
M-6V5419		1			Turbocharger Set	
M-6V5425		1			Fuel System Set	
M-6V5428		1			Oil Cooler & Lines Set	
M-6V5422		1			Oil Pump Set	72B468 - 538

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6.25" BORE

GASKET SETS - MODULAR

PART #	QTY				DESCRIPTION	COMMENT
	G353	G379	G398	G399		
M-6V6423		1			Oil Pump Set	72B539 & up
M-6V6378					Central & Lower Set	73B906 & up
M-6V5465			1		Front Structure Set	73B906 & up
M-8T2490			1		Front Structure Set	73B1755 & up Lean Burn
M-6V3741			1		Rear Structure Set	73B906 & up
M-8T2491			1		Rear Structure Set	73B1755 & up Lean Burn
M-6V6374			1		Manifold Set	73B906 & up
M-6V9252			1		Manifold Set	73B1755 & up Lean Burn
M-6V6384			1		Water Pump Set	73B906 - 1310
M-6V6385			1		Water Pump Set	73B1311 & up
M-6V6387			1		Water Lines Set	73B906 & up
M-6V6375			1		Aftercooler & Lines Set	73B906 & up
M-6V5419			1		Turbocharger Set	73B906 & up
M-6V6383			1		Fuel System Set	73B906 & up exc/ AR# 3N1162
M-6V6382			1		Fuel System Set	73B906 & up AR# 3N1162
M-8T2493			1		Fuel System Set	73B1755 & up Lean Burn
M-6V5428			1		Oil Cooler & Lines Set	73B906 & up
M-8T2495			1		Oil Cooler & Lines Set	73B1755 & up Lean Burn
M-6V5422			1		Oil Pump Set	73B906 -1054
M-6V5423			1		Oil Pump Set	73B1055 & up
M-8T2494			1		Oil Pump Set	73B1755 & up Lean Burn
M-6V9255				1	Central & Lower Set	49C261 & up
M-6V9258				1	Front Structure Set	49C261 & up NA Engines
M-6V9259				1	Front Structure Set	49C261 & up T/A Engines
M-8T2490				1	Front Structure Set	49C1165 & up Lean Burn
M-6V3741				1	Rear Structure Set	49C261 & up
M-8T2491				1	Rear Structure Set	49C1165 & up Lean Burn
M-6V9252				1	Manifold Set	49C261 & up
M-6V6384				1	Water Pump Set	49C261 - 567
M-6V6385				1	Water Pump Set	49C568 & up
M-6V6387				1	Water Lines Set	49C261 & up
M-6V3745				1	Water Lines Set	49C1165 & up Lean Burn
M-6V6375				1	Aftercooler & Lines Set	49C261 & up T/A Engines
M-6V9253				1	Turbocharger Set	
M-6V9691				1	Fuel System Set	49C261 & up
M-8T2493				1	Fuel System Set	49C1165 & up Lean Burn
M-6V5428				1	Oil Cooler & Lines Set	49C261 & up
M-6V3744				1	Oil Cooler & Lines Set	49C1165 & up Lean Burn
M-6V9257				1	Oil Pump Set	49C261 & up
M-8T2494				1	Oil Pump Set	49C1165 & up Lean Burn

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CYLINDER COMPONENTS

PART #	G342	DESCRIPTION	COMMENT
M-CK7M3681P	6	Cylinder Kit - 7.5:1 CR	
M-CK7M3680P	6	Cylinder Kit - 10.5:1 CR	
M-7M3681	6	Piston Body - 7.5:1 CR	
M-7M3680	6	Piston Body - 10.5:1 CR	
M-8N5676	6	Cylinder Liner	
M-5P9221	6	Cylinder Liner Seal Kit	*Included in Seal Kit
- M-8N4638		1 - Band Seal*	
- M-6L7812		3 - Seal Ring*	
M-3S4058	6	Piston Ring Set	
M-7N9809	6	Piston Pin	
M-7M4926	12	Piston Pin Retainer	

ENGINE BEARINGS

PART #	G342	DESCRIPTION	COMMENT
M-8N7933	6	Connecting Rod Bearing - STD	ESN = 71B750 & up
M-8N7934	6	Connecting Rod Bearing - .025"	
M-8N7935	6	Connecting Rod Bearing - .050"	
M-8N7923	6	Main Bearing - STD	ESN = 71B750 & up
M-8N7928	1	Main Bearing - STD	
M-8N7924	6	Main Bearing - .025"	
M-8N7929	1	Main Bearing - .025"	
M-8N7925	6	Main Bearing - .050"	
M-8N7930	1	Main Bearing - .050"	
M-4M9183	6	Piston Pin Bushing	
M-4H9640	2	Camshaft Bushing	
M-8F8523	3	Camshaft Bushing	
M-4H9640	2	Front Cover Bushing	

CRANKSHAFT SEALS

PART #	G342	DESCRIPTION	COMMENT
M-2S1509	1	Front Cranshaft Seal - STD	ESN = 71B750 & up
M-9N2539	1	Front Cranshaft Seal - OS	ESN = 71B750 & up use w/ Wear Sleeve
M-9J110	1	Crankshaft Seal Wear Sleeve	
M-1S8607	1	Rear Crankshaft Seal Baffle	ESN = 71B750 & up
M-2W2191	1	Rear Cranckshaft Seal Ring	

CYLINDER HEAD COMPONENTS

3/8" Valve Stems

PART #	G342	DESCRIPTION	COMMENT
M-1W1818	6	Valve - Intake	
M-1W1819	6	Valve - Exhaust	
M-9M8745	6	Valve Seat - Intake	
M-8M9810	6	Valve Seat - Exhaust	
M-1W1816	12	Valve Guide - Intake & Exhaust	
M-2A4429	24	Valve Lock	
M-3N1414	12	Valve Guide Spacer	
M-9M5349	12	Valve Spring - Inner	
M-9M5350	12	Valve Spring - Outer	
M-2N9297	12	Valve Spring Retainer	
M-7N7639	12	Rotocoil	
M-5S1220	12	Lifter Assembly	
M-7L917	6	Spark Plug Adapter	
M-6L7816	6	Spark Plug Adapter O-Ring Seal	
M-6L1576	6	Spark Plug Adapter Gasket	Washer
M-7N9352	2	Rocker Cover Gasket	

CYLINDER HEAD COMPONENTS

Early 1/2" Valve Stems

PART #	G342	DESCRIPTION	COMMENT
M-8H1993	6	Valve - Intake	
M-8H1994	6	Valve - Exhaust	
M-9M8745	6	Valve Seat - Intake	
M-8M9810	6	Valve Seat - Exhaust	
M-7N2051	12	Valve Guide - Intake & Exhaust	
M-3N1414	12	Valve Guide Spacer	
M-3B1143	36	Valve Lock	
M-9M5349	12	Valve Spring - Inner	
M-9M5350	12	Valve Spring - Outer	
M-3B1142	12	Spring Retainer	
M-7N7639	12	Rotocoil	
M-5S1220	12	Lifter Assembly	
M-7L917	6	Spark Plug Adapter	
M-6L7816	6	Spark Plug Adapter Seal-O-Ring	
M-7N9352	2	Rocker Cover Gasket	

COOLING SYSTEM

PART #	G342	DESCRIPTION	COMMENT
M-9S3808	2	Regulator - 170°	ESN = 71B1 - 220
M-1209453	2	Regulator - 170°	ESN = 71B221 - 378
M-2485513	2	Regulator - 180°	ESN = 71B379 & up
M-3S9643	2	Regulator Seal	Use w/ M-1209453 & M-2485513

TURBOCHARGER

PART #	G342	DESCRIPTION	COMMENT
M-1P6082	1	Turbocharger	ESN = 4MD-455
-M-1P5466	1	-Cartridge	
-M-2S1304	1	-Clamp	
-M-7M9917	1	-Clamp	
M-2W725	1	Repair Kit	

GASKET SETS-MCBEE CUSTOM

PART #	G342	DESCRIPTION	COMMENT
MCB342071	1	Overhaul Gasket Set	Counterbore / Non-Spacer Plated
MCB342072	1	Inframe Gasket Set	Counterbore / Non-Spacer Plated
MCB342073	1	Valve Grind Gasket Set	Counterbore / Non-Spacer Plated
MCB342081	1	Overhaul Gasket Set	Spacer Plated Engines
MCB342082	1	Inframe Gasket Set	Spacer Plated Engines
MCB342083	1	Valve Grind Gasket Set	Spacer Plated Engines

GASKET SETS - MODULAR

PART #	G342	DESCRIPTION	COMMENT
M-6V4546	1	Central & Lower Set	ESN = 71B1 - 2670
M-5P9238	1	Central & Lower Set	ESN = 71B2671 & up
M-6V4547	1	Front Structure Set	ESN = 71B1 - 749
M-6V4548	1	Front Structure Set	ESN = 71B750 - 2670
M-5P9239	1	Front Structure Set	ESN = 71B2671 & up
M-6V4549	1	Rear Structure Set	ESN = 71B1 - 749
M-6V4550	1	Rear Structure Set	ESN = 71B750 - 2670
M-5P9240	1	Rear Structure Set	ESN = 71B2671 & up
M-6V4554	1	Oil Cooler Set	ESN = 71B1 - 749
M-6V4555	1	Oil Cooler Set	ESN = 71B750 - 2670
M-5P9242	1	Oil Cooler Set	ESN = 71B2671 & up
M-6V4553	1	Water Pump Set	ESN = 71B1 - 2330
M-5P9241	1	Water Pump Set	ESN = 71B2331 & up

GASKETS

PART #	G342	DESCRIPTION	COMMENT
M-7N9352	2	Rocker Cover Gasket	
M-6L5464	2	Side Cover Gasket	Lower Cylinder Block
M-2P3759	1	Oil Pan Gasket	Pan to Cylinder Block
M-6L5311	1	Oil Pan Gasket	Front section to rear section
M-6L5271	1	Oil Pan Gasket	Side Cover

CYLINDER COMPONENTS

PART #	QTY			DESCRIPTION	COMMENT
	G3406	G3408	G3412		
M-CK7E3888P	6			Cylinder Kit - 10.3:1 CR	Early Type / Non-Gallery Cooled
M-CK7E3888P		8	12	Cylinder Kit - 9.7:1 CR	Early Type / Non-Gallery Cooled
M-CK4P8996P	6			Cylinder Kit - 10.3:1 CR	Gallery Cooled
M-CK4P8996P		8	12	Cylinder Kit - 9.7:1 CR	Gallery Cooled
M-CK1607992P		8	12	Cylinder Kit - 11.4:1 CR	Gallery Cooled
M-CK1607994P		8	12	Cylinder Kit - 8.5:1 CR	Gallery Cooled
M-CK7E3888P*	6			Piston Body - 10.3:1 CR	Early Type / Non-Gallery Cooled
M-CK7E3888P*		8	12	Piston Body - 9.7:1 CR	Early Type / Non-Gallery Cooled
M-4P8996	6			Piston Body - 10.3:1 CR	Gallery Cooled
M-4P8996		8	12	Piston Body - 9.7:1 CR	Gallery Cooled
M-1607992		8	12	Piston Body - 11.4:1 CR	Gallery Cooled
M-1607994		8	12	Piston Body - 8.5:1 CR	Gallery Cooled
M-1979322	6	8	12	Cylinder Liner	
M-1609874	6	8	12	Cylinder Liner Seal Kit	*Included in Seal Kit
-M-9L5854				1 - Filler Band*	
-M-1427072				1 - O-Ring Seal*	
-M-1102220				1 - O-Ring Seal*	
-M-1426217				1 - O-Ring Seal*	
M-RS7E3888	6	8	12	Piston Ring Set	
M-RS4P8996	6	8	12	Piston Ring Set	
M-8N1608	6	8	12	Piston Pin	
M-7E5665	12	16	24	Piston Pin Retainer	
M-9Y3368	AR	AR	AR	Cylinder Liner Insert - .0324"	Stainless Steel
M-2W3815	AR	AR	AR	Cylinder Liner Insert - .0625"	
M-5N0093	AR	AR	AR	Cylinder Liner Insert - .1067"	

*Piston only sold in Cylinder Kit - NOT Sold separately.

ENGINE BEARINGS

PART #	QTY			DESCRIPTION	COMMENT
	G3406	G3408	G3412		
M-9Y9497G	6	8	12	Connecting Rod Bearing - STD	Narrow - Grooved ESN = 4FD1-237
M-9Y9497-010	6	8	12	Connecting Rod Bearing - .010"	
M-4W5702	6	8	12	Connecting Rod Bearing - .025"	
M-4W5703	6	8	12	Connecting Rod Bearing - .050"	
M-9Y7735G	6			Connecting Rod Bearing - STD	Wide - Grooved
M-9Y7735-010	6			Connecting Rod Bearing - .010"	
M-7E0558	6			Connecting Rod Bearing - .025"	
M-7E0559	6			Connecting Rod Bearing - .050"	
M-3215746	7	5	7	Main Bearing - STD	
M-4W5492-010	7	5	7	Main Bearing - .010"	
M-4W5698	7	5	7	Main Bearing - .025"	
M-4W5699	7	5	7	Main Bearing - .050"	
M-2531752	2	2	2	Thrust Washer	
M-8N2018	6	8	12	Piston Pin Bushing	
M-4P8495	6	8	12	Piston Pin Bushing	w/ Side Reliefs
M-4N685	6	3	5	Camshaft Bushing	1" wide
M-4N6658	1	2	2	Camshaft Bushing	1.3" wide
M-1317123	1	1	1	Idler Gear Bushing	

CRANKSHAFT SEALS & DAMPER

PART #	QTY			DESCRIPTION	COMMENT
	G3406	G3408	G3412		
M-7C4859	1			Crankshaft	w/o Drive Gear ESN/ 4FD1-237
M-6I1453	1			Crankshaft	w/o Drive Gear
M-1W5009		1		Crankshaft	w/o Drive Gear
M-1425867	1	1	1	Crankshaft Seal - Front	
M-1425868	1	1	1	Crankshaft Seal - Rear	
M-1678126	1			Vibration Damper	
M-1678130		1	1	Vibration Damper	

CYLINDER HEAD COMPONENTS

PART #	QTY			DESCRIPTION	COMMENT
	G3406	G3408	G3412		
M-2120932	12	16	24	Valve - Intake	Use w/ "Tall Head Groups"
MCB1227353	12	16	24	Valve - Intake	High Temperature Inconel
M-2120933	12	16	24	Valve - Exhaust	Use w/ "Tall Head Groups"
MCB1018314	12	16	24	Valve - Exhaust	High Temperature Inconel
M-1516235	24			Valve Guide - Intake & Exhaust	
M-1511330		32	48	Valve Guide - Intake & Exhaust	
M-2137536		16	24	Valve Guide - Intake	Use w/ "Tall Head Groups"
M-2137537		16	24	Valve Guide - Exhaust	Use w/ "Tall Head Groups"
M-2A4429	48	64	96	Valve Lock	
M-4N5906	24	32	48	Valve Spring	
M-6N7154	24	32	48	Rotocoil	
M-2127519	6	8	12	Spark Plug Adapter	
M-2127518	6	8	12	Spark Plug Adapter	Use w/ "Tall Head Groups"
M-2S2251	6	8	12	Spark Plug Adapter O-Ring Seal	
M-1090073	6	8	12	Spark Plug Adapter O-Ring Seal	Use w/ "Tall Head Groups"
M-2N7174	6	8	12	Spark Plug Adapter Gasket	Washer
M-2M6471	1			Core Plug	1.5" Diameter
M-3B0623	10	8	12	Core Plug	1" Diameter
M-3B0645	12	6	10	Core Plug	1.25" Diameter
M-2N5775	12	16	24	Dowel - Valve Bridge	
M-3E6772	24	32	48	Water Seal	
M-6I2981	1			Spacer Plate	
M-6I4613		2		Spacer Plate	
M-6I4611			2	Spacer Plate	
M-5P5678-3	2		4	Rocker Cover Gasket	
M-5P5678-4		2		Rocker Cover Gasket	

LUBRICATION SYSTEM

PART #	QTY			DESCRIPTION	COMMENT
	G3406	G3408	G3412		
M-7C3039	1	1		Oil Cooler Core	
M-7C145			1	Oil Cooler Core	
M-1090077	2	2	2	Oil Cooler Seal - O-Ring	
M-4N733	1			Oil Pump	
M-1614113		1		Oil Pump	
M-6N1030			1	Oil Pump	
M-6N1931	1	1	1	Relief Plunger	
M-2S2760	1	1	1	Plunger Spring	
M-4N1151	1	1	1	Oil Pan Gasket	Puzzle Type
M-4N1151-6	1			Oil Pan Gasket	1-piece

COOLING SYSTEM

PART #	QTY			DESCRIPTION	COMMENT
	G3406	G3408	G3412		
M-1209453	1	2	2	Regulator - 170°	
M-2485513	1	2	2	Regulator - 180°	
M-2477133	1	2	2	Regulator - 190°	
M-3S9643	1	2	2	Regulator Seal	
M-4N1156	2	4	4	Gasket	
M-7C307	1	3	3	Gasket	
M-1279885	1**	1**	1**	Water Pump Rebuild Kit	
M-1293068	1**	1**	1**	Water Pump Rebuild Kit	Ball Bearing
M-1293069	1**	1**	1**	Water Pump Rebuild Kit	Roller Bearing
M-1386744	1**	1**	1**	Water Pump Rebuild Kit	Roller Bearing & Unitized Seal

****NOTE:** Match to pump via engine serial # & arrangement.

G3400

TURBOCHARGER

PART #	QTY			DESCRIPTION	COMMENT
	G3406	G3408	G3412		
M-8N5501	1			Turbocharger	TW4B91 ESN = 4FD
--M-4N6860	1			--Cartridge	
--M-4N6865	3			--Lock Plate	
--M-1P1113	3			--Lock Plate	
M-9Y9810	1			Turbocharger	TW6156 ESN = 4FD,1RK,5NW
--M-7C2286	1			--Cartridge	
--M-3S5129	1			--Clamp	
--M-9N2038	1			--Clamp	
M-2W715	1			Repair Kit	
M-7C9038	1			Turbocharger	TW4C02 ESN = 4FD
--M-7C9039	1			--Cartridge	
--M-4N6865	3			--Lock Plate	
--M-1P1113	3			--Lock Plate	
M-1412509	1			Turbocharger	GT4294W ESN = 4FD, 5NW
--M-1506304	1			--Cartridge	
--M-1238253	1			--Clamp	
--M-1357875	1			--Clamp	
M-4W6167		1		Turbocharger	TW6147 ESN = 6NB
--M-4W6168		1		--Cartridge	
--M-3S5129		1		--Clamp	
--M-9N2038		1		--Clamp	
M-2W715		1		Repair Kit	
M-4W7637		1		Turbocharger	TW7202 ESN = 6NB,8YR
--M-7W489		1		--Cartridge	
--M-9N2039		1		--Clamp	
--M-9N2038		1		--Clamp	
--M-7W3291		1	1	--Cartridge	TW8108 ESN = 6NB,6FW,7DB
--M-9N2039		1	1	--Clamp	
--M-9N2038		1	1	--Clamp	
M-7W4866			1	Turbocharger	TW8107 ESN = 7DB
--M-6N7966			1	--Cartridge	
--M-9N2039			1	--Clamp	
--M-9N2038			1	--Clamp	

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

TURBOCHARGER

PART #	QTY			DESCRIPTION	COMMENT
	G3406	G3408	G3412		
M-4W9061			1	Turbocharger	TW8107 ESN = 7DB,3NK
--M-6N7966			1	--Cartridge	
--M-9N2039			1	--Clamp	
--M-9N2038			1	--Clamp	
M-1146360			1	Turbocharger	TW8117 ESN = 7DB
--M-7C5052			1	--Cartridge	
--M-9N2039			1	--Clamp	
--M-9N2038			1	--Clamp	
M-9Y1037			1	Turbocharger	TW8129 ESN = 3NK
--M-9Y7014			1	--Cartridge	
--M-9N2039			1	--Clamp	
--M-9N2038			1	--Clamp	
M-1063561			1	Turbocharger	TW8303 ESN = 6ZM
--M-1136053			1	--Cartridge	
--M-7W2297			1	--Clamp	
--M-9N2038			1	--Clamp	
M-1228043			1	Turbocharger	TW9211 ESN = 6ZM
--M-1004095			1	--Cartridge	
--M-7W2297			1	--Clamp	
M-1020294			1	Turbocharger	TW9211 ESN = 6ZM
--M-1004095			1	--Cartridge	
--M-7W2297			1	--Clamp	

GASKET SETS-MCBEE CUSTOM

PART #	QTY			DESCRIPTION	COMMENT
	G3406	G3408	G3412		
MCB3406221	1			Major Overhaul Gasket Set	Non-Turbocharged Engines
MCB3406222	1			In Chassis Gasket Set	
MCB3406223	1			Cylinder Head Gasket Set	
MCB3406261	1			Major Overhaul Gasket Set	T & TA Engines
MCB3406262	1			In Chassis Gasket Set	
MCB3406263	1			Cylinder Head Gasket Set	
MCB3406561	1			Major Overhaul Gasket Set	T & TA Engines w/ "Long Valves"
MCB3406562	1			In Chassis Gasket Set	
MCB3406563	1			Cylinder Head Gasket Set	
MCB3408261		1		Major Overhaul Gasket Set	TA Engines
MCB3408262		1		In Chassis Gasket Set	
MCB3408263		1		Cylinder Head Gasket Set	
MCB3408561		1		Major Overhaul Gasket Set	TA Engines w/ "Long Valves"
MCB3408562		1		In Chassis Gasket Set	
MCB3408563		1		Cylinder Head Gasket Set	
MCB3412111			1	Major Overhaul Gasket Set	Non-Turbocharged and TA Engines
MCB3412112			1	In Chassis Gasket Set	
MCB3412113			1	Cylinder Head Gasket Set	
MCB3412211			1	Major Overhaul Gasket Set	TA Engines w/ "Long Valves"
MCB3412212			1	In Chassis Gasket Set	
MCB3412213			1	Cylinder Head Gasket Set	

GASKETS

PART #	QTY			DESCRIPTION	COMMENT
	G3406	G3408	G3412		
M-5P5678-3	2		4	Rocker Cover Gasket	
M-5P5678-4		2		Rocker Cover Gasket	
M-4N1151	1	1	1	Oil Pan Gasket	Puzzle type
M-4N1151-6	1			Oil Pan Gasket	1-piece
M-7M7273	1	1	1	Turbo Mounting Gasket	

ENGINE KITS

PART #	QTY		DESCRIPTION	COMMENT
	G3304	G3306		
MCIF3304	1		Inframe Kit	Specify Piston Compression Ratio
MCIF3306		1	Inframe Kit	
MCOH3304	1		Overhaul Kit	Specify Piston Compression Ratio
MCOH3306		1	Overhaul Kit	
MCOH3304T	1		Overhaul Kit Plus	Specify Piston Compression Ratio
MCOH3306T		1	Overhaul Kit Plus	

Note: ESN and Arrangement # must be given when placing an order.

CYLINDER COMPONENTS

PART #	QTY		DESCRIPTION	COMMENT
	G3304	G3306		
M-CK4P2655P	4	6	Cylinder Kit - 8:1 CR	Dished Piston Top
M-CK4P2654P	4	6	Cylinder Kit - 10.5:1 CR	Flat Top Piston
M-4P2655	4	6	Piston Body - 8:1 CR	Dished Piston Top
M-4P2654	4	6	Piston Body - 10.5:1 CR	Flat Top Piston
M-1105800	4	6	Cylinder Liner	
M-5P8768	4	6	Cylinder Liner Seal Kit	*Included in Seal Kit
-- M-2W6134			1 - Band Seal*	
-- M-5S6670			3 - Seal Ring*	
M-RS4P2654	4	6	Piston Ring Set	
M-7N9804	4	6	Piston Pin	
M-9H4015	8	12	Piston Pin Retainer	
M-8N1984	4	6	Connecting Rod Assembly	Tapered top end

ENGINE BEARINGS

PART #	QTY		DESCRIPTION	COMMENT
	G3304	G3306		
M-3285572	4	6	Connecting Rod Bearing - STD	
M-8N8221	4	6	Connecting Rod Bearing - .010"	
M-8N8222	4	6	Connecting Rod Bearing - .020"	
M-8N8223	4	6	Connecting Rod Bearing - .030"	
M-4W5739-040	4	6	Connecting Rod Bearing - .040"	
M-2323233	5	7	Main Bearing - STD	
M-8N8225	5	7	Main Bearing - .010"	
M-8N8226	5	7	Main Bearing - .020"	
M-8N8227	5	7	Main Bearing - .030"	
M-4W5738-040	5	7	Main Bearing - .040"	
M-1003652	2	2	Thrust Washer	
M-8N1985	4	6	Piston Pin Bushing	Tapered
M-8N4110	1	1	Camshaft Bushing	Front
M-7M4046	2	4	Camshaft Bushing	Intermediate
M-9Y2991	4		Balance Shaft Bushing	Narrow
M-9Y2992	2		Balance Shaft Bushing	Wide
M-2P1168	1	1	Oil Pump Idler Bushing	
M-5S7630	1	1	Gov Drive Idler Bushing	ESN = 7Y1 - 647 & 37Y1 - 647
M-1950302	1	1	Gov Drive Idler Bushing	ESN = 7Y648 - up & 37Y648 - up

Note: ESN and Arrangement # must be given when placing an order.

CRANKSHAFT & DAMPER

PART #	QTY		DESCRIPTION	COMMENT
	G3304	G3306		
M-4N7692	1		Crankshaft	w/o Drive Gear
M-2W7458		1	Crankshaft	w/o Drive Gear
M-1678123		1	Vibration Damper	
M-0S1595		6	Bolt	
M-2M849		6	Washer	

CAMSHAFT

PART #	QTY		DESCRIPTION	COMMENT
	G3304	G3306		
M-9Y1723	1		Camshaft Kit	*Included in Camshaft Kit
-M-7C3862	1		-Camshaft*	w/o Drive Gear
-M-7S3161	8		-Lifter*	
M-4P2942		1	Camshaft Kit	*Included in Camshaft Kit
-M-7C3863		1	-Camshaft*	w/o Drive Gear
-M-7S3161		12	-Lifter*	

CYLINDER HEAD COMPONENTS

37Y1-1019 & 7Y1-2078

PART #	QTY		DESCRIPTION	COMMENT
	G3304	G3306		
M-2W2621	4	6	Valve - Intake	
M-2W2877	4	6	Valve - Exhaust	
M-1070268	4	6	Valve Seat - Intake	
M-7N1649	4	6	Valve Seat - Exhaust	
M-4W9176	8	12	Valve Guide - Intake & Exhaust	
M-2A4429	16	24	Valve Lock	
M-7S7144	8	12	Valve Spring	
M-1031800	8	12	Rotocoil	
M-7N1743	4	6	Spark Plug Adapter	
M-7S3206	4	6	Spark Plug Adapter Seal-O-Ring	
M-2N7174	4	6	Spark Plug Adapter Gasket	Washer
M-7W2479	4	6	Spark Plug Wire Assembly	
M-5S5918	8	12	Push Rod	
M-8S1606	1		Rocker Cover Gasket	QTY-2 required for Long Valve Train Engines
M-8S1605		1	Rocker Cover Gasket	
MCB8S1606	1		Rocker Cover Gasket	Re-usable Gasket must use w/ Hard Washers M-9M1974
M-1331247		1	Rocker Cover Gasket	
M-9M1974		15	Hard Washer	

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CYLINDER HEAD COMPONENTS ▬

37Y1020 - up & N4F1 - up & 7Y2079 - 4278

PART #	QTY		DESCRIPTION	COMMENT
	G3304	G3306		
M-7W7490	4	6	Valve - Intake	"Long" Valve Train
M-7W7491	4	6	Valve - Exhaust	"Long" Valve Train
M-1070268	4	6	Valve Seat - Intake	
M-7N1649	4	6	Valve Seat - Exhaust	
M-9Y7895	8	12	Valve Guide	"Long" Valve Train
M-2A4429	16	24	Valve Lock	
M-7W7488	8	12	Valve Guide Spacer	"Long" Valve Train
M-7S7144	8	12	Valve Spring	
M-1031800	8	12	Rotocoil	
M-7N1743	4	6	Spark Plug Adapter	
M-7S3206	4	6	Spark Plug Adapter Seal-O-Ring	
M-2N7174	4	6	Spark Plug Adapter Gasket	Washer
M-7W2479	4	6	Spark Plug Wire Assembly	
M-8S1606	1		Rocker Cover Gasket	QTY-2 required for Long Valve Train Engines
M-8S1605		1	Rocker Cover Gasket	
MCB8S1606	1		Rocker Cover Gasket	Re-usable Gasket must use w/ Hard Washers M-9M1974
M-1331247		1	Rocker Cover Gasket	
M-9M1974		15	Hard Washer	

CYLINDER HEAD COMPONENTS

7Y4279 - up & G6X1 - up

PART #	QTY		DESCRIPTION	COMMENT
	G3304	G3306		
M-2W2621		6	Valve - Intake	
M-2W2877		6	Valve - Exhaust	
M-1070268		6	Valve Seat - Intake	
M-7N1649		6	Valve Seat - Exhaust	
M-7E1551		12	Valve Guide - Intake & Exhaust	
M-2A4429		24	Valve Lock	
M-7W9143		6	Valve Stem Seal	NA Engines
M-7S7144		12	Valve Spring	
M-1031800		12	Rotocoil	
M-7N1743		6	Spark Plug Adapter	
M-7S3206		6	Spark Plug Adapter Seal-O-Ring	
M-2N7174		6	Spark Plug Adapter Gasket	Washer
M-7W2479		6	Spark Plug Wire Assembly	
M-5S5918		12	Push Rod	
M-8S1605		1	Rocker Cover Gasket	QTY-2 required for Long Valve Train Engines
M-1331247		1	Rocker Cover Gasket	Re-usable Gasket must use w/ Hard Washers M-9M1974
M-9M1974		15	Hard Washer	

CYLINDER HEAD SPACER PLATES

PART #	QTY		DESCRIPTION	COMMENT
	G3304	G3306		
M-7N8021	1		Spacer Plate	
M-7N7998		1	Spacer Plate	

LUBRICATION SYSTEM

PART #	QTY		DESCRIPTION	COMMENT
	G3304	G3306		
M-7N0110	1	1	Oil Cooler Core	
M-8S5409	2	2	Oil Core Mounting Gasket	
M-8M4432	2	2	Elbow O-Ring Seal	
M-6I1343	1	1	Oil Pump	Single Stage Pump
M-6I1346	1	1	Oil Pump	Double Stage Pump
M-2P1168	1	1	Oil Pump Idler Bushing	
M-4P3546	1	1	Relief Valve Assembly	
M-5S6045	1		Oil Pan Plate Gasket	
M-1694200		1	Oil Pan Plate Gasket	
M-8S1963	1		Oil Pan Gasket	
M-1694199		1	Oil Pan Gasket	

COOLING SYSTEM

PART #	QTY		DESCRIPTION	COMMENT
	G3304	G3306		
M-1118010	1	1	Regulator - 175°	
M-1167577	1	1	Regulator - 190°	
M-7N944	2	2	Gasket	

GASKET SETS-MCBEE CUSTOM

PART #	QTY		DESCRIPTION	COMMENT
	G3304	G3306		
MCB3304151	1		Major Overhaul Gasket Set	Non-Turbocharged Spacer Plated Engines
MCB3304152	1		In Chassis Gasket Set	
MCB3304153	1		Cylinder Head Gasket Set	
MCB3306341		1	Major Overhaul Gasket Set	Turbocharged & Non-Turbocharged Spacer Plated Engines
MCB3306342		1	In Chassis Gasket Set	
MCB3306343		1	Cylinder Head Gasket Set	
M-9S4001		1	Overhaul Gasket set	ESN = 68D Non-Spacer Plated Engines
M-9S4000		1	Valve Grind Gasket Set	

GASKET SETS - MODULAR

PART #	QTY		DESCRIPTION	COMMENT
	G3304	G3306		
M-6V1279		1	Aftercooler Set	ESN = 7Y
M-5P8772		1	Aftercooler Set	ESN = 3CF
M-1070620	1		Central & Lower Set	ESN = 37Y
M-6V2935	1		Central & Lower Set	ESN = 1RG
M-6V1277		1	Central & Lower Set	ESN = 7Y
M-5P9099		1	Central & Lower Set	ESN = 3CF
M-9X8563	1		Front Structure Set	ESN = 37Y
M-6V4763	1		Front Structure Set	ESN = 1RG
M-5P9568		1	Front Structure Set	ESN = 7Y
M-6V4763		1	Front Structure Set	ESN = 3CF
M-1383069	1		Rear Structure Set	ESN = 37Y & 1RG
M-6V2983		1	Rear Structure Set	ESN = 7Y
M-1383069		1	Rear Structure Set	ESN = 3CF
M-9X8566	1		Oil Cooler Set	ESN = 37Y
M-8T9483	1		Oil Cooler Set	ESN = 1RG
M-5P9116		1	Oil Cooler Set	ESN = 7Y
M-6V5979		1	Oil Cooler Set	ESN = 3CF
M-6V1278		1	Turbocharger Set	ESN = 7Y
M-8C613		1	Turbocharger Set	ESN = 3CF

GASKET SETS - MODULAR

PART #	QTY		DESCRIPTION	COMMENT
	G3304	G3306		
M-2084836	1		Water Pump Set	ESN = 37Y & 1RG
M-2084836		1	Water Pump Set	ESN = 7Y & 3CF
M-6V621		1	Expansion Tank Set	

GASKETS

PART #	QTY		DESCRIPTION	COMMENT
	G3304	G3306		
M-8S1606	1		Rocker Cover Gasket	QTY-2 required for Long Valve Train Engines
M-8S1605		1	Rocker Cover Gasket	
MCB8S1606	1		Rocker Cover Gasket	Re-usable Gasket must use w/ Hard Hashers M-9M1974
M-1331247		1	Rocker Cover Gasket	
M-9M1974		15	Hard Washer	
M-5S6045	1		Oil Pan Plate Gasket	
M-1694200		1	Oil Pan Plate Gasket	
M-8S1963	1		Oil Pan Gasket	
M-1694199		1	Oil Pan Gasket	

TURBOCHARGER

PART #	QTY		DESCRIPTION	COMMENT
	G3304	G3306		
M-1P6082		1	Turbocharger	4MD-455
-M-1P5466		1	-Cartridge	
-M-2S1304		1	-Clamp	
-M-7M9917		1	-Clamp	
M-7N6138		1	Turbocharger	EA-283
-M-7N9568		1	-Cartridge	
-M-5S4558		1	-Clamp	
-M-5S4517		1	-Clamp	
M-1W9757		1	Turbocharger	EC-283
-M-1W9759		1	-Cartridge	
-M-5S4558		1	-Clamp	
-M-5S4517		1	-Clamp	
M-2W725		1	Repair Kit	

Replacement Parts for
WAUKESHA®
VHP, VHP 7044, VGF
Natural Gas Engines



7044GSI

CYLINDER HEAD COMPONENTS

PART #	QTY	DESCRIPTION	COMMENT
M-204436A	24	Valve - Intake	
M-204436K	24	Valve - Exhaust	
M-211801J	24	Valve Seat - Intake	
M-211801J1	AR	Valve Seat - Intake .010" OS	
M-211801J2	AR	Valve Seat - Intake .020" OS	
M-211801J3	AR	Valve Seat - Intake .030" OS	
M-211802B	24	Valve Seat - Exhaust	
M-211802B1	AR	Valve Seat - Exhaust .010" OS	
M-211802B2	AR	Valve Seat - Exhaust .020" OS	
M-211802B3	AR	Valve Seat - Exhaust .030" OS	
M-204209E	24	Valve Guide - Intake	
M-204209F	24	Valve Guide - Exhaust	
M-214229	24	Valve Stem Seal - Blue	
M-176450G	24	Valve Stem Seal - Green	
M-73629C	96	Valve Lock	
M-214230	48	Rotator	
M-204235B	24	Inner Valve Spring - Intake	2-blue stripes
M-204335B	24	Outer Valve Spring - Intake	
M-204235C	24	Inner Valve Spring - Exhaust	2-white stripes
M-204335C	24	Outer Valve Spring - Exhaust	
M-214230	48	Rotator	
M-153994C	12	Rocker Cover Gasket	

SINGLE HEAD VALVE OVERHAUL KIT

ENGINE MODEL	QTY	DESCRIPTION	COMMENT
VHP 7044GSI	AR	M-G-936-1044	Includes: Valves, Locks, Guides, Seals, Rotators & STD Intake Seats.

GASKET SETS

SINGLE HEAD GASKET SETS

ENGINE MODEL	PART #	COMMENT
F3521G/F3521GL L7042G/L7042GL P9390G/P9390GL	MCB7042	Custom MCB Set Used for both G & GL units w/o Valve Stem Seals
F3521GL L7042GL P9390GL	M-G-977-46	w/o Valve Stem Seals
F3521G L7042G P9390G	M-G-977-49	w/o Valve Stem Seals
F3524GSI 7044	M-G-977-68	w/o Valve Stem Seals
F18 H24 L36 P48	M-G-977-67	M-300000D Head Gasket w/ Valve Seals
F18G/GLGLD H24G/GLGLD L36GL/GLD P48GL/GLD	M-G-977-60	M-300000B Head Gasket w/ Valve Seals

WATER PUMP MOUNTING GASKET SETS

ENGINE MODEL	PART #	COMMENT
VHP 6 CYLINDER	M-G-961-1	For Units With Cluster Thermostat Cooling
VHP 12 CYLINDER	M-G-961-2	For Units With Cluster Thermostat Cooling

NUMERICAL INDEX

Part#	Description	Page
M-0S1595	Bolt	63
M-1003652	Thrust Washer	63
M-1004095	Cartridge	60
M-1011198	Camshaft Bushing	30, 35
M-1014140	Piston Body - 8:1 CR	34
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