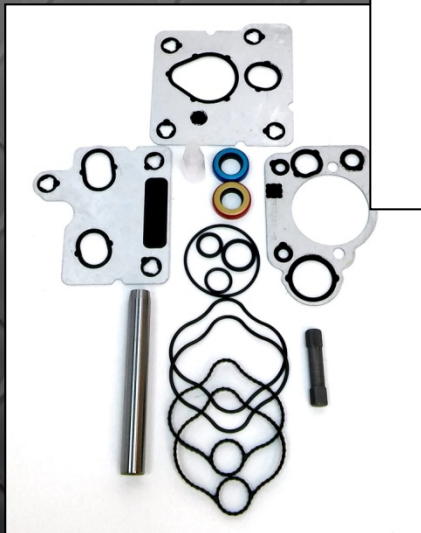
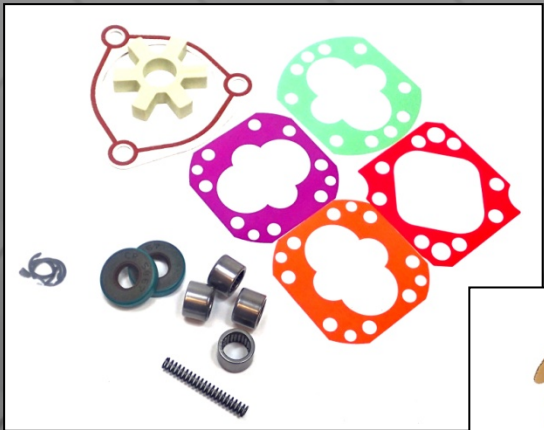




# Custom Kits Catalog

Servicing Cummins®, Caterpillar®, Detroit Diesel®, and Navistar®/International® Engine Applications



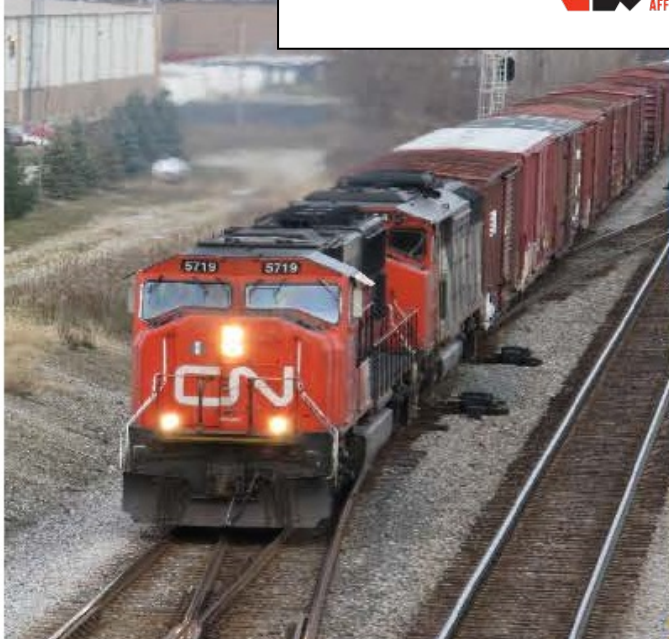
All manufacturer's names, symbols and descriptions are for reference only and it is not implied that any item listed is a product of said manufacturer

© Caterpillar is a registered trademark of Caterpillar, Inc.

© Cummins is a registered trademark of Cummins, Inc.

© Detroit Diesel is a registered trademark of Detroit Diesel, Inc.

© Navistar/International are registered trademarks of International Truck & Engine, Inc.



*All manufacturer's names, symbols and descriptions are for reference use only and is not implied that any part or item is the product of said manufacturer.*

# Contents

## Cummins®

Accessory Drive Seal/Repair Kits.....	22
Aftercooler Gasket Sets.....	19-20
Camshaft Bushing Kits.....	4
Camshaft Follower Housing Gasket Sets....	4
Camshaft Follower Pin & Roller Kits.....	5
Camshaft Follower Repair Kit.....	4
Camshaft Installation Kit.....	5
Crankshaft Seal Kit - Rear.....	6
Cylinder Head/Block Plug Kits.....	6
Cylinder Head Bolt Kits.....	22
Engine Overhaul Gasket Sets.....	24
Exhaust Manifold Installation Kits.....	21
Exhaust Hardware Kits.....	21
Front Cover Gasket Sets.....	23
Fuel Components Rebuild Kits.....	14
Fuel Injector Hardware Kits.....	16
Fuel Injector O-Ring Kits.....	16
Fuel Injector Repair Kits.....	15
Fuel Pump Gasket Sets.....	14
-AFC Fuel Pump Overhaul Gasket Set.....	12
Fuel Pump Overhaul Kits.....	7-12
- AFC Fuel Pump Overhaul Kits.....	9-12
- PTG Fuel Pump Overhaul Kits.....	7-8
- PT-MVS Fuel Pump Overhaul Kits.....	8-9
Fuel Pump Repair Kits.....	13
Gear Cover Gasket Sets.....	24
Jake Brake Gasket Sets.....	23
Oil Cooler Gasket Sets.....	17-18
Oil Manifold Kit.....	18
Oil Pan Gasket Kits.....	18
Re-Ring Engine Kits.....	4
Turbocharger Installation Kits.....	20-21
Valve Cover Kits.....	6
Water Pump Repair Kits.....	19

<b>Warranty.....</b>	<b>53-54</b>
----------------------	--------------

## Caterpillar®

Air/Fuel Ratio Repair Kit.....	36
Bearing Roll In Gasket Sets.....	28
Camshaft Follower Pin and Roller Kits.....	28
Cylinder Head Bolt Kits.....	27
Exhaust Hardware Kits.....	26-27
Exhaust Sleeve Repair Kit.....	27
Exhaust Stud Kits.....	26
Fuel Injector Repair Kits.....	38
Fuel Injector Seal Kits.....	38
Fuel Pump Intallation/Mounting Kits.....	27
Fuel Pump Overhaul Gasket Sets.....	29-32
Fuel Pump Overhaul Kits.....	33-36
Fuel Pump Thrust Needle Bearing Kit.....	37
Fuel Pump Weight Kit.....	37
Governor Repair Kits.....	38
Heat Exchanger Seal Kit.....	41
Oil Pump Installation Gasket Set.....	39
Oil Pump Repair Kit.....	39
Re-Ring Inframe Engine Kits.....	25
Re-Ring Overhaul Engine Kits.....	25
Thermostat Gasket Set.....	42
Thermostat Installation Kits.....	41-42
Universal Cylinder Head Gasket Sets.....	42
Water Pump Installation Gasket Set.....	39-40
Water Pump Repair Kits.....	40-41

## Detroit Diesel®

Camshaft Follower Pin and Roller Kits.....	44
Cylinder Block Plug Kit.....	45
Cylinder Head Bolt Kits.....	45
Cylinder Head Parts Kits.....	44
Cylinder Shims.....	44
Engine Overhaul Gasket Sets.....	49
Front Cover Gasket Set.....	49
Fuel Injector O-Ring Kits.....	46
Fuel Pump Repair Kits.....	47
Governor Repair Kits.....	48
Miscellaneous Kits.....	45
Oil Cooler Installation Kit.....	49
Re-Ring Inframe Engine Kits.....	43
Re-Ring Overhaul Engine Kits.....	43

## Navistar®

Crankcase Gasket Set.....	52
Engine Kit Gasket Sets.....	52
Fuel Injector O-Ring Kits.....	51
Fuel Injector/Pump Installation Kits.....	50-51
Re-Ring Engine Kits.....	50

®Cummins is a registered trademark of Cummins Inc.

®Caterpillar is a registered trademark of Caterpillar Inc.

®Detroit Diesel is a registered trademark of Detroit Diesel Inc.

®Navistar is a registered trademark of International Truck and Engine Co.

## Re-Ring Engine Kits

\*Re-Ring Kits include; Cylinder Liner, Piston Ring Set, Piston Pin & Retainers, Main Bearings, Rod Bearings, Upper Gasket Set or Overhaul Gasket Set - No Pistons

PART NUMBER	ENGINE MODEL	CONTENTS	COMMENTS
<b>MCOHISM-S</b>	<b>M11/ISM</b>	ESN required to determine usage	O/H Kit - Contains M-4070653 Skirt
<b>MCIFM11E</b>	<b>M11</b>		
<b>MCIFN14E</b>	<b>N14E</b>	ESN required to determine usage	Contains Piston Skirt
<b>MCIFN14E-S</b>			
<b>MCB4025214</b>	<b>ISX/QSX</b>	ESN required to determine usage **DOES NOT Include the Piston Pin	Used for 2Pc Piston
<b>MCB4955635</b>			Used for 1Pc Piston - EGR
<b>MCB4955683</b>			Used for 1Pc Piston - Non EGR

## Camshaft Bushing Kits

PART NUMBER	ENGINE MODEL	QTY	CONTENTS		COMMENTS
			P/N	DESCRIPTION	
<b>MCB7107</b>	<b>ISX/QSX</b>	4	M-3680580	Injector Bushing	Standard
		3	M-3680581	Injector Bushing	
		7	M-4026423	Valve Bushing	
<b>MCB7108</b>		4	MCB7105	Injector Bushing	1.00mm OS
		3	MCB7106	Injector Bushing	
		7	MCB7114	Valve Bushing	

## Camshaft Follower Repair Kit

PART NUMBER	ENGINE MODEL	QTY	CONTENTS		COMMENTS
			P/N	DESCRIPTION	
<b>MCB3013000</b>	<b>855</b>	2	M-3013330	Pin - Cam Follower Roller	Big Cam
		4	M-3013331	Pin - Cam Follower Roller	
		4	M-3036933	Roller	
		2	M-3036934	Roller	
		6	M-118939	Pin - Roll	

## Camshaft Follower Housing Gasket Sets

PART NUMBER	ENGINE MODEL	QTY	CONTENTS		COMMENTS
			P/N	DESCRIPTION	
<b>M-EP10</b>	<b>855</b>	3	M-3074400	Gasket	Big Cam
		3	M-3074401	Gasket	
		3	M-3074402	Gasket	
		3	M-3074404	Gasket - Cam Follower	
<b>M-EP11</b>		3	M-9266	Gasket	Small Cam
		3	M-9266A	Gasket	
		3	M-120819	Gasket	
<b>M-EP12</b>		<b>N14</b>	3	M-3068473	Gasket - Cam Follower
	3		M-3068474	Gasket	
	3		M-3068475	Gasket	
	3		M-3068476	Gasket	
	3		M-3068477	Gasket	

## Camshaft Installation Kit

PART NUMBER	ENGINE MODEL	QTY	CONTENTS		COMMENTS
			P/N	DESCRIPTION	
<b>MCB205</b>	<b>855</b>	1	M-3069101	Gasket	Big Cam
		1	M-67946	Gasket	
		1	M-157551	Gasket - Oil Pan Tube	
		1	M-3029847	Seal	
		1	M-3034986	Seal - O-Ring	
		1	M-3099083	Gasket - Oil Pan	
		2	M-65259A	Shim - Liner - .010	
		2	M-65259B	Shim - Liner - .005	
		1	M-65259C	Shim - Liner - .002	
		1	M-185573	Shim - Camshaft - .025	
		1	M-215705	Seal	
		1	M-132770	Bushing	
		1	M-190397	Sleeve - Acc Drive Pulley	
		18	M-193736	Seal - O-Ring - Injector	
		1	M-215233	Bearing - Thrust	
		1	M-3046200	Spider	
		3	M-3074400	Gasket	
		3	M-3074401	Gasket	
		3	M-3074402	Gasket	
		3	M-3074404	Gasket - Cam Follower	
		1	M-3004316	Seal	
		4	M-3103015	Seal - Grommet	
		1	M-3008947	Seal - Air Compressor	
		1	M-3020183	Seal - Crankshaft - Front	
1	M-3021704	Gasket			
1	M-3067613	Gasket			
1	M-4026171	Gasket - Fuel Pump			
1	M-3069102	Gasket			

## Camshaft Follower Pin and Roller Kits

PART NUMBER	ENGINE MODEL	QTY	CONTENTS		COMMENTS
			P/N	DESCRIPTION	
<b>M-3679487PR</b>	<b>ISX/QSX</b>	1	M-3679487	Pin - Camshaft Follower	Valve Rocker 14mm Rollers
		1	M-3679336	Roller - Camshaft Follower	
		1	M-3679504	Pin - Spiral	
<b>M-4319029PR</b>		1	M-4319029	Pin - Camshaft Follower	Valve Rocker 17mm Rollers
		1	M-4319026	Roller - Camshaft Follower	
		1	M-3679504	Pin - Spiral	
<b>M-4319030PR</b>		1	M-4319030	Pin - Camshaft Follower	Valve Rocker 17mm Rollers
		1	M-4319026	Roller - Camshaft Follower	
		1	M-3679504	Pin - Spiral	
<b>M-4312003PR</b>		1	M-4312003	Pin - Camshaft Follower	Injector Rocker
		1	M-4319027	Roller - Camshaft Follower	
		1	M-3679504	Pin - Spiral	

## Valve Cover Kits

PART NUMBER	ENGINE MODEL	QTY	CONTENTS		COMMENTS
			P/N	DESCRIPTION	
M-3902604KT	6-B Series	1	M-3902604	Cover - Valve	6BT
		1	M-3930906	Gasket - Valve Cover	
		1	M-3907049	Screw - Hex Flange	
		1	M-3910824	Seal - Valve Cover O-Ring	
MCB202	855	3	M-3054841	Gasket - Rocker Cover	
		3	M-3017750	Gasket	
		6	M-3000521	Seal - O-Ring	

## Cylinder Head/Block Plug Kits

PART NUMBER	ENGINE MODEL	QTY	CONTENTS		COMMENTS
			P/N	DESCRIPTION	
MCB6BEXPK	6-B Series	1	M-3027646	Plug - Expansion	
		6	M-3922072	Plug - Expansion	
		4	M-3007635	Plug - Expansion	
		3	M-3900956	Plug - Expansion	
		1	M-3900687	Plug - Expansion	
		2	M-3900955	Plug - Expansion	
		1	M-3900958	Plug - Expansion	
		2	M-3902343	Ring - Dowel - Cyl Block	
MCB6BEXPKS	6-B Series	5	M-3922072	Plug - Expansion	S.T.O.R.M. Block
		4	M-3007635	Plug - Expansion	
		3	M-3900956	Plug - Expansion	
		1	M-3900687	Plug - Expansion	
		2	M-3920706	Plug - Expansion	
		3	M-3900955	Plug - Expansion	
		1	M-3900958	Plug - Expansion	
MCB6CEXPK	6-C Series	1	M-143066	Plug - Expansion	
		4	M-3004258	Plug	
		2	M-3027646	Plug - Expansion	
		5	M-3905401	Plug - Expansion	
		1	M-3901969	Plug	
		2	M-156075	Plug - Expansion	
		2	M-3922072	Plug - Expansion	
MCB855HPK	855	4	M-S965E	Plug - Pipe	Cylinder Head
		12	M-S911B	Plug - Pipe	
		3	M-213394	Plug - Expansion	
		18	M-213395	Plug - Expansion	
		6	M-216524	Plug - Expansion	

## Crankshaft Seal Kit - Rear

PART NUMBER	ENGINE MODEL	QTY	CONTENTS		COMMENTS
			P/N	DESCRIPTION	
MCB1014	855	1	M-3006737	Seal - Crankshaft - Rear	
		2	M-3067616	Gasket	

**PTG Fuel Pump Overhaul Kits**

PART NUMBER		ENGINE MODEL	DESCRIPTION		COMMENTS
<b>MCB10020</b>		<b>855</b>	Overhaul Kit		
QTY	P/N	DESCRIPTION	QTY	P/N	DESCRIPTION
1	M-43696A	Seal - O-Ring	1	M-S1650	Bearing
1	M-114791	Seal - O-Ring	2	M-S2286	Screw
1	M-129888	Seal - Square Cut	1	M-68174	Key
1	M-139988	Seal	1	M-70723	Bushing
1	M-151900	Seal - O-Ring	1	M-70705	Gasket
1	M-154087	Seal - O-Ring - Square Cut	1	M-100192	Shaft - Main
1	M-154088	Seal - O-Ring	1	M-104087	Shaft - Tach
1	M-160514	Washer - Fuel Pump Damper	1	M-105375	Nameplate
1	M-163945	Ring - Retaining	1	M-146483	Screen
1	M-210218	Washer - Felt	1	M-148977	Cover
1	M-3002481	Seal - O-Ring	1	M-162426	Spider - Jaw Coupling - Black
1	M-70415	Seal - O-Ring	1	M-3030970	Disc - Valve - Shutdown Assy
1	M-3003156	Seal - Wire	1	M-70732	Gasket
2	M-3046201	Seal - O-Ring	1	M-70809	Seal
1	M-3066914	Ring - Seal	1	M-100099	Seal - O-Ring
1	M-3080837	Gasket - Frt Cover Fuel Pmp	1	M-100478	Seal - O-Ring
1	M-4026171	Gasket - Fuel Pump	1	M-100764	Gasket
2	M-3062676	Seal	1	M-110855	Gasket
<b>MCB1002OH</b>		<b>855</b>	Overhaul Kit		
QTY	P/N	DESCRIPTION	QTY	P/N	DESCRIPTION
4	M-S2286	Screw	1	M-70723	Bushing
1	M-148977	Cover	1	M-146483	Screen
1	M-162426	Spider - Jaw Coupling - Black	1	M-3030970	Disc - Valve - Shutdown Assy
1	M-3040817	Seal - O-Ring	1	M-43696A	Seal - O-Ring
1	M-3046201	Seal - O-Ring	1	M-70415	Seal - O-Ring
2	M-3062676	Seal	1	M-70732	Gasket
1	M-GASKET-ORING	Gasket/O-Ring Kits	1	M-70809	Seal
1	M-100192	Shaft - Main	1	M-70815	Seal
1	M-104087	Shaft - Tach	1	M-114791	Seal - O-Ring
1	M-S1650	Bearing	1	M-210218	Washer - Felt
1	M-68174	Key			
<b>MCB1002OHT</b>		<b>855</b>	Overhaul Kit - "Thick"		Contains M-104038TCR "Thick" Seal
QTY	P/N	DESCRIPTION	QTY	P/N	DESCRIPTION
1	M-100192	Shaft - Main	1	M-43696A	Seal - O-Ring
2	M-104038TCR	Seal - Thick	1	M-68174	Key
1	M-104087	Shaft - Tach	1	M-70415	Seal - O-Ring
1	M-114791	Seal - O-Ring	1	M-70723	Bushing
1	M-146483	Screen	1	M-70732	Gasket
1	M-148977	Cover	1	M-70809	Seal
1	M-162426	Spider - Jaw Coupling - Black	1	M-70815	Seal
1	M-210218	Washer - Felt	1	M-GASKET-ORING	Gasket/O-Ring Kits
1	M-3030970	Disc - Valve - Shutdown Assy	1	M-S1650	Bearing
1	M-3040817	Seal - O-Ring	4	M-S2286	Screw
1	M-3046201	Seal - O-Ring			

## PTG Fuel Pump Overhaul Kits

PART NUMBER		ENGINE MODEL	DESCRIPTION		COMMENTS
<b>MCB1002OH-S</b>		<b>855</b>	"Super" Overhaul Kit		*=Not included in MCB1002OH Overhaul Kit
QTY	P/N	DESCRIPTION	QTY	P/N	DESCRIPTION
1	M-GASKET-ORING	Gasket/O-Ring Kits	1	M-70732	Gasket
1	M-SUPER KIT	Super Kit*	1	M-70809	Seal
1	M-100192	Shaft - Main	1	M-70815	Seal
1	M-104087	Shaft - Tach	1	M-114791	Seal - O-Ring
1	M-S1650	Bearing	1	M-210218	Washer - Felt
1	M-68174	Key	2	M-3062676	Seal
1	M-70723	Bushing	4	M-S2286	Screw
1	M-146483	Screen	1	M-148977	Cover
1	M-3030970	Disc - Valve - Shutdown Assy	1	M-162426	Spider - Jaw Coupling - Black
1	M-43696A	Seal - O-Ring	1	M-3040817	Seal - O-Ring
1	M-70415	Seal - O-Ring	1	M-3046201	Seal - O-Ring
<b>MCB1002OH-ST</b>		<b>855</b>	"Super" Overhaul Kit - "Thick"		Contains M-104038TCR "Thick" Seal
QTY	P/N	DESCRIPTION	QTY	P/N	DESCRIPTION
1	M-70415	Seal - O-Ring	1	M-S1650	Bearing
1	M-70732	Gasket	1	M-68174	Key
1	M-70809	Seal	1	M-70723	Bushing
1	M-70815	Seal	1	M-146483	Screen
1	M-114791	Seal - O-Ring	1	M-3030970	Disc - Valve - Shutdown Assy
1	M-210218	Washer - Felt	4	M-S2286	Screw
2	M-104038TCR	Seal - Thick	1	M-148977	Cover
1	M-GASKET-ORING	Gasket/O-Ring Kits	1	M-162426	Spider - Jaw Coupling - Black
1	M-SUPER KIT	Super Kit	1	M-3040817	Seal - O-Ring
1	M-100192	Shaft - Main	1	M-3046201	Seal - O-Ring
1	M-104087	Shaft - Tach	1	M-43696A	Seal - O-Ring

## PT-MVS Fuel Pump Overhaul Kits

PART NUMBER		ENGINE MODEL	DESCRIPTION		COMMENTS
<b>MCB10025</b>		<b>855</b>	Overhaul Kit		
QTY	P/N	DESCRIPTION	QTY	P/N	DESCRIPTION
1	M-70705	Gasket	1	M-154088	Seal - O-Ring
1	M-100764	Gasket	1	M-190876	Seal - O-Ring - Shutdown Vlv
1	M-105375	Nameplate	1	M-213079	Ring - Seal
1	M-110855	Gasket	1	M-43696A	Seal - O-Ring
1	M-160514	Washer - Fuel Pump Damper	1	M-70415	Seal - O-Ring
1	M-100099	Seal - O-Ring	1	M-70732	Gasket
1	M-100478	Seal - O-Ring	1	M-70809	Seal
1	M-129888	Seal - Square Cut	1	M-114791	Seal - O-Ring
1	M-139988	Seal	1	M-210218	Washer - Felt
1	M-151900	Seal - O-Ring	2	M-3062676	Seal
1	M-154087	Seal - O-Ring - Square Cut			***Continued on next page



**PT-MVS Fuel Pump Overhaul Kits (cont.)**

PART NUMBER		ENGINE MODEL	DESCRIPTION		COMMENTS	
<b>MCB10025 (cont.)</b>		<b>855</b>	Overhaul Kit			
QTY	P/N	DESCRIPTION		QTY	P/N	DESCRIPTION
1	M-BM98776	Kit - Gasket - Mvs		1	M-162426	Spider - Jaw Coupling - Black
1	M-S1650	Bearing		1	M-193734	Seal - O-Ring - Fuel Pump
1	M-68174	Key		1	M-3010942	Shaft
1	M-70723	Bushing		1	M-3030970	Disc - Valve - Shutdown Assy
1	M-70813	Screw		4	M-S2286	Screw
1	M-100192	Shaft - Main		1	M-4026171	Gasket - Fuel Pump
1	M-104087	Shaft - Tach		1	M-3080837	Gasket - Frt Cover Fuel Pmp
1	M-137808	Screen		1	M-70815	Seal
1	M-148977	Cover		1	M-3010941	Bushing
1	M-149767	Screen				

**AFC Fuel Pump Overhaul Kits**

PART NUMBER		ENGINE MODEL	DESCRIPTION		COMMENTS	
<b>MCB10030</b>		<b>855</b>	Overhaul Kit			
QTY	P/N	DESCRIPTION		QTY	P/N	DESCRIPTION
1	M-43696A	Seal - O-Ring		1	M-4026171	Gasket - Fuel Pump
1	M-129888	Seal - Square Cut		2	M-3062676	Seal
1	M-139988	Seal		2	M-S2286	Screw
1	M-151900	Seal - O-Ring		1	M-S16052	Bearing
1	M-154087	Seal - O-Ring - Square Cut		1	M-105375	Nameplate
1	M-154088	Seal - O-Ring		1	M-146483	Screen
1	M-160514	Washer - Fuel Pump Damper		1	M-162426	Spider - Jaw Coupling - Black
1	M-163945	Ring - Retaining		1	M-212601	Shaft - Main AFC
1	M-3046201	Seal - O-Ring		1	M-212607	Shaft - Tach
1	M-212603	Seal		1	M-212609	Bushing
1	M-213079	Ring - Seal		1	M-70705	Gasket
2	M-68061A	Seal - O-Ring		1	M-212668	Key - Main Shaft
1	M-213768	Seal - O-Ring		1	M-213769	Ball
1	M-3002481	Seal - O-Ring		1	M-3000446	Cover
2	M-3003156	Seal - Wire		1	M-3013811	Bellow - Black
1	M-3067897	Capscrew		1	M-3030970	Disc - Valve - Shutdown Assy
1	M-3023870	Gasket		1	M-3040817	Seal - O-Ring
1	M-3042542	O-Ring - Stop - EUI		1	M-DECALS	Decal - Throttle Shaft Cover
1	M-3044942	Seal - O-Ring		1	M-100099	Seal - O-Ring
1	M-3045986	Seal - O-Ring		1	M-100478	Seal - O-Ring
1	M-3066914	Ring - Seal		1	M-100764	Gasket
1	M-3080837	Gasket - Frt Cover Fuel Pmp		1	M-110855	Gasket
2	M-70415	Seal - O-Ring		1	M-114791	Seal - O-Ring

**AFC Fuel Pump Overhaul Kits (cont.)**

PART NUMBER		ENGINE MODEL	DESCRIPTION		COMMENTS
<b>MCB1003OH</b>		<b>855</b>	Overhaul Kit		
QTY	P/N	DESCRIPTION	QTY	P/N	DESCRIPTION
1	M-GASKET-ORING	Gasket/O-Ring Kits	1	M-43696A	Seal - O-Ring
1	M-3ADDON	Add On For Afc Overhaul Kits	1	M-70732	Gasket
1	M-200998	Gasket - Ptg/Vs Front Cvr	1	M-70809	Seal
1	M-212601	Shaft - Main AFC	1	M-70815	Seal
1	M-212607	Shaft - Tach	1	M-3042542	O-Ring - Stop - EUI
1	M-3063052	Gasket	1	M-210218	Washer - Felt
2	M-S1943	Wire - Lead Seal	1	M-212603	Seal
1	M-3046201	Seal - O-Ring	1	M-213768	Seal - O-Ring
1	M-3040817	Seal - O-Ring	1	M-3023870	Gasket
1	M-3013811	Bellow - Black	1	M-3045986	Seal - O-Ring
1	M-3000446	Cover	2	M-68061A	Seal - O-Ring
1	M-162426	Spider - Jaw Coupling - Black	2	M-70415	Seal - O-Ring
4	M-S2286	Screw	2	M-145504	Ring - Seal
1	M-DECALS	Decal - Throttle Shaft Cover	2	M-3062676	Seal
<b>MCB1003OH-1</b>		<b>855</b>	Overhaul Kit		
QTY	P/N	DESCRIPTION	QTY	P/N	DESCRIPTION
4	M-S2286	Screw	1	M-3063052	Gasket
1	M-212668	Key - Main Shaft	1	M-S16052	Bearing
1	M-3046200	Spider	1	M-DECALS	Decal - Throttle Shaft Cover
1	M-3000446	Cover	2	M-68061A	Seal - O-Ring
1	M-3010242	Set - Gasket	1	M-146483	Screen
1	M-3013811S	Bellow - Orange	1	M-163945	Ring - Retaining
1	M-3067897	Capscrew	1	M-162426	Spider - Jaw Coupling - Black
1	M-3030970	Disc - Valve - Shutdown Assy	1	M-212601	Shaft - Main AFC
1	M-3040817	Seal - O-Ring	1	M-212607	Shaft - Tach
1	M-3046201	Seal - O-Ring	1	M-212609	Bushing
<b>MCB1003OH-S</b>		<b>855</b>	"Super" Overhaul Kit		*=Not included in MCB1003OH Overhaul Kit
QTY	P/N	DESCRIPTION	QTY	P/N	DESCRIPTION
2	M-145504	Ring - Seal	2	M-3062676	Seal
1	M-162426	Spider - Jaw Coupling - Black	1	M-3063052	Gasket
1	M-200998	Gasket - Front Cvr	1	M-3ADDON	Add On For AFC Overhaul Kits
1	M-210218	Washer - Felt	1	M-43696A	Seal - O-Ring
1	M-212601	Shaft - Main AFC	2	M-68061A	Seal - O-Ring
1	M-212603	Seal	2	M-70415	Seal - O-Ring
1	M-212607	Shaft - Tach	1	M-70705*	Gasket
1	M-213768	Seal - O-Ring	1	M-70732	Gasket
1	M-3000446	Cover	1	M-70809	Seal
2	M-3003156	Seal - Wire	1	M-70815	Seal
1	M-3013811S*	Bellow - Orange	1	M-DECALS	Decal - Throttle Shaft Cover
1	M-3023870*	Gasket	1	M-GASKET-ORING	Gasket/O-Ring Kits
1	M-3040817	Seal - O-Ring	2	M-S1943	Wire - Lead Seal
1	M-3042542	O-Ring - Stop - EUI	4	M-S2286	Screw
1	M-3045986	Seal - O-Ring	1	M-SUPER KIT*	Super Kit
1	M-3046201	Seal - O-Ring			

**AFC Fuel Pump Overhaul Kits (cont.)**

PART NUMBER		ENGINE MODEL	DESCRIPTION		COMMENTS
<b>MCB1003OH-SS</b>		<b>855</b>	<b>"Super" Overhaul Kit</b>		<i>DOES NOT</i> include M-3003156 or M-70705
QTY	P/N	DESCRIPTION	QTY	P/N	DESCRIPTION
2	M-145504	Ring - Seal	2	M-3062676	Seal
1	M-162426	Spider - Jaw Coupling - Black	1	M-3063052	Gasket
1	M-200998	Gasket - Front Cvr	1	M-3ADDON	Add On For AFC Overhaul Kits
1	M-210218	Washer - Felt	1	M-43696A	Seal - O-Ring
1	M-212601	Shaft - Main AFC	2	M-68061A	Seal - O-Ring
1	M-212603	Seal	2	M-70415*	Seal - O-Ring
1	M-212607	Shaft - Tach	1	M-70732	Gasket
1	M-213768	Seal - O-Ring	1	M-70809	Seal
1	M-3000446	Cover	1	M-70815	Seal
1	M-3013811S*	Bellow - Orange	1	M-DECALS	Decal - Throttle Shaft Cover
1	M-3023870*	Gasket	1	M-GASKET-ORING	Gasket/O-Ring Kits
1	M-3040817	Seal - O-Ring	2	M-S1943	Wire - Lead Seal
1	M-3042542	O-Ring - Stop - EUI	4	M-S2286	Screw
1	M-3045986	Seal - O-Ring	1	M-SUPER KIT	Super Kit
1	M-3046201	Seal - O-Ring			
<b>MCB1003OH-SSW</b>		<b>855</b>	<b>"Super" Overhaul Kit w/ White Spider</b>		*=Not included in MCB1003OH-SS Overhaul Kit
QTY	P/N	DESCRIPTION	QTY	P/N	DESCRIPTION
1	M-212607	Shaft - Tach	1	M-3023870	Gasket
1	M-3063052	Gasket	1	M-3045986	Seal - O-Ring
1	M-3010242-OBW*	Kit - Repair 3010242	2	M-68061A	Seal - O-Ring
2	M-S1943	Wire - Lead Seal	2	M-70415	Seal - O-Ring
1	M-43696A	Seal - O-Ring	2	M-145504	Ring - Seal
1	M-70732	Gasket	2	M-3062676	Seal
1	M-70809	Seal	1	M-GASKET-ORING	Gasket/O-Ring Kits
1	M-70815	Seal	1	M-SUPER KIT	Super Kit
1	M-3042542	O-Ring - Stop - EUI	1	M-3ADDON	Add On For AFC Overhaul Kits
1	M-210218	Washer - Felt	1	M-200998	Gasket - PTG/VS Front Cvr
1	M-212603	Seal	1	M-212601	Shaft - Main AFC
1	M-213768	Seal - O-Ring			
<b>MCB89006</b>		<b>855</b>	<b>Overhaul Kit</b>		
QTY	P/N	DESCRIPTION	QTY	P/N	DESCRIPTION
2	M-S2286	Screw	1	M-129888	Seal - Square Cut
1	M-139988	Seal	1	M-151900	Seal - O-Ring
1	M-154087	Seal - O-Ring - Square Cut	1	M-160514	Washer - Fuel Pump Damper
1	M-213768	Seal - O-Ring	1	M-212603	Seal
2	M-3003156	Seal - Wire	1	M-3080837	Gasket - Frt Cover Fuel Pmp
1	M-114791	Seal - O-Ring	1	M-100764	Gasket
1	M-3067897	Capscrew	1	M-154088	Seal - O-Ring
1	M-3045986	Seal - O-Ring	1	M-3042542	O-Ring - Stop - EUI
2	M-70415	Seal - O-Ring	1	M-43696	Seal - O-Ring
1	M-3023870	Gasket			

\*\*\*Continued on next page

**AFC Fuel Pump Overhaul Kits (cont.)**

PART NUMBER		ENGINE MODEL	DESCRIPTION		COMMENTS	
<b>MCB89006 (cont.)</b>		<b>855</b>	Overhaul Kit			
QTY	P/N	DESCRIPTION		QTY	P/N	DESCRIPTION
1	M-70815	Seal		1	M-213769N	Ball - Nylon
1	M-163945	Ring - Retaining		1	M-3044942	Seal - O-Ring
1	M-S16052	Bearing		1	M-4026171	Gasket - Fuel Pump
1	M-146483	Screen		1	M-3046201	Seal - O-Ring
1	M-212601	Shaft - Main AFC		3	M-100478	Seal - O-Ring
1	M-3000446	Cover		2	M-3062676	Seal
1	M-S1098	Seal - Grommet		2	M-3066914	Ring - Seal
1	M-105375	Nameplate		1	M-70705	Gasket
1	M-100099	Seal - O-Ring		1	M-110855	Gasket
1	M-162426	Spider - Jaw Coupling - Black		1	M-3002481	Seal - O-Ring

**AFC Fuel Pump Overhaul Gasket Set**

PART NUMBER		ENGINE MODEL	DESCRIPTION		COMMENTS	
<b>MCB10035S</b>		<b>855</b>	Overhaul Gasket Set			
QTY	P/N	DESCRIPTION		QTY	P/N	DESCRIPTION
1	M-43696A	Seal - O-Ring		2	M-3062676	Seal
1	M-129888	Seal - Square Cut		2	M-S2286	Screw
1	M-139988	Seal		1	M-S16052	Bearing
1	M-151900	Seal - O-Ring		1	M-70690	Driver
1	M-154087	Seal - O-Ring - Square Cut		1	M-105375	Nameplate
1	M-154088	Seal - O-Ring		1	M-144302	Spacer
1	M-160514	Washer - Fuel Pump Damper		1	M-146483	Screen
1	M-163945	Ring - Retaining		1	M-162426	Spider - Jaw Coupling - Black
1	M-3046201	Seal - O-Ring		1	M-212601	Shaft - Main AFC
1	M-212603	Seal		1	M-70705	Gasket
1	M-213079	Ring - Seal		1	M-212607	Shaft - Tach
2	M-68061A	Seal - O-Ring		1	M-212609	Bushing
1	M-213768	Seal - O-Ring		1	M-212668	Key - Main Shaft
1	M-3002481	Seal - O-Ring		1	M-213769	Ball
2	M-3003156	Seal - Wire		1	M-3000446	Cover
1	M-3067897	Capscrew		1	M-3013811S	Bellow - Orange
1	M-3023870	Gasket		1	M-3027633	Bearing - Thrust
1	M-3042542	O-Ring - Stop - EUI		1	M-3030970	Disc - Valve - Shutdown Assy
1	M-3044942	Seal - O-Ring		1	M-3040817	Seal - O-Ring
1	M-3045986	Seal - O-Ring		1	M-100099	Seal - O-Ring
1	M-3066914	Ring - Seal		1	M-100478	Seal - O-Ring
1	M-3080837	Gasket - Frt Cover Fuel Pmp		1	M-100764	Gasket
2	M-70415	Seal - O-Ring		1	M-110855	Gasket
1	M-4026171	Gasket - Fuel Pump		1	M-114791	Seal - O-Ring

**Fuel Pump Repair Kits**

PART NUMBER		ENGINE MODEL	DESCRIPTION		COMMENTS	
<b>M-3010242RT</b>		<b>855</b>	<b>AFC Repair Kit</b>			
QTY	P/N	DESCRIPTION		QTY	P/N	DESCRIPTION
1	M-GASKET-ORING	Gasket/O-Ring Kits		1	M-70809	Seal
1	M-200998	Gasket - Front Cvr		1	M-70815	Seal
1	M-3063052	Gasket		1	M-3042542	O-Ring - Stop - EUI
2	M-S1943	Wire - Lead Seal		1	M-210218	Washer - Felt
1	M-3046201	Seal - O-Ring		1	M-212603	Seal
1	M-3040817	Seal - O-Ring		1	M-213768	Seal - O-Ring
1	M-3013811	Bellow - Black		1	M-3023870	Gasket
1	M-3000446	Cover		1	M-3045986	Seal - O-Ring
1	M-162426	Spider - Jaw Coupling - Black		2	M-68061A	Seal - O-Ring
4	M-S2286	Screw		2	M-70415	Seal - O-Ring
1	M-DECALS	Decal - Throttle Shaft Cover		2	M-145504	Ring - Seal
1	M-43696A	Seal - O-Ring		2	M-3062676	Seal
1	M-70732	Gasket				
<b>M-3010242RT-SC</b>		<b>855</b>	<b>AFC Repair Kit - "Orange"</b>		<b>Orange Bellows</b>	
QTY	P/N	DESCRIPTION		QTY	P/N	DESCRIPTION
1	M-GASKET-ORING	Gasket/O-Ring Kits		1	M-70809	Seal
1	M-200998	Gasket - Front Cvr		1	M-70815	Seal
1	M-3063052	Gasket		1	M-3042542	O-Ring - Stop - EUI
2	M-S1943	Wire - Lead Seal		1	M-210218	Washer - Felt
1	M-DECALS	Decal - Throttle Shaft Cover		1	M-212603	Seal
4	M-S2286	Screw		1	M-213768	Seal - O-Ring
1	M-162426	Spider - Jaw Coupling - Black		1	M-3023870	Gasket
1	M-3000446	Cover		1	M-3045986	Seal - O-Ring
1	M-3013811S	Bellow - Orange		2	M-68061A	Seal - O-Ring
1	M-3040817	Seal - O-Ring		2	M-70415	Seal - O-Ring
1	M-3046201	Seal - O-Ring		2	M-145504	Ring - Seal
1	M-43696A	Seal - O-Ring		2	M-3062676	Seal
1	M-70732	Gasket				
<b>M-4089431RK</b>		<b>ISX/QSX</b>	<b>Repair Kit</b>			
QTY	P/N	DESCRIPTION		QTY	P/N	DESCRIPTION
1	M-3803477	Kit - Seal - Fr Drive Shaft		1	7991280	Drive Shaft w/o Gear
1	M-2872195	Gasket		1	M-3678912	Seal - O-Ring
1	M-4954473	Gasket		1	M-3627695	Seal - O-Ring
1	M-4954474	Gasket		1	M-3678786	Seal - O-Ring
1	M-3867481	Seal - O-Ring		2	M-3348618	Seal - Diamond Ring
1	M-4088799	Shaft - Hex Drive		2	7991276	Seal - Diamond Ring

## Fuel Pump Gasket Sets

PART NUMBER		ENGINE MODEL	DESCRIPTION		COMMENTS	
<b>M-3004122GR</b>		<b>855</b>	AFC Gasket Set - Green		Contains M-3062676 Green Seals	
QTY	P/N	DESCRIPTION		QTY	P/N	DESCRIPTION
1	M-GASKET-ORING	Gasket/O-Ring Kits		2	M-S1943	Wire - Lead Seal
1	M-68061A	Seal - O-Ring		1	M-3042542	O-Ring - Stop - EUI
1	M-212603	Seal		1	M-3023870	Gasket
1	M-3067897	Capscrew		2	M-3062676	Seal
1	M-163945	Ring - Retaining		1	M-3045986	Seal - O-Ring
1	M-3063052	Gasket		1	M-213768	Seal - O-Ring
1	M-70732	Gasket		2	M-145504	Ring - Seal
<b>M-3010242G</b>		<b>855</b>	AFC Gasket Set - Green		Contains M-3062676 Green Seals	
QTY	P/N	DESCRIPTION		QTY	P/N	DESCRIPTION
1	M-GASKET-ORING	Gasket/O-Ring Kits		1	M-3063052	Gasket
1	M-AO3010242G	Add On 3010242		2	M-S1943	Wire - Lead Seal
1	M-200998	Gasket - PTG/VS Front Cvr				

## Fuel Components Rebuild Kits

PART NUMBER		ENGINE MODEL	DESCRIPTION		COMMENTS	
<b>MCB1004</b>		<b>855</b>	Air Fuel Control Valve Repair Kit			
QTY	P/N	DESCRIPTION		QTY	P/N	DESCRIPTION
1	M-145504	Ring - Seal		1	M-3023171	Insert - AFC
1	M-3042542	O-Ring - Stop - EUI		1	M-3023870	Gasket
1	M-214150	Washer		1	M-S213A	Nut
1	M-3013810	Piston		1	M-S251	Nut
1	M-3013811	Bellow - Black		1	M-S631	Washer
1	M-3015520	Cover		1	M-S16240	Ring - Retaining
1	M-3018655	Spring		1	M-68061A	Seal - O-Ring
1	M-3021068	Barrel		1	M-70772C	Capscrew
1	M-3021676	Plunger		1	M-3045986	Seal - O-Ring
1	M-3023088	Spacer				
<b>MCB1004-DC</b>		<b>855</b>	Air Fuel Control Valve Repair Kit		Orange Bellows	
QTY	P/N	DESCRIPTION		QTY	P/N	DESCRIPTION
1	M-145504	Ring - Seal		1	M-3023171	Insert - AFC
1	M-3042542	O-Ring - Stop - EUI		1	M-3023870	Gasket
1	M-214150	Washer		1	M-S213A	Nut
1	M-3013810	Piston		1	M-S251	Nut
1	M-3013811S	Bellow - Orange		1	M-S631	Washer
1	M-3015520	Cover		1	M-S16240	Ring - Retaining
1	M-3018655	Spring		1	M-68061A	Seal - O-Ring
1	M-3021068	Barrel		1	M-70772C	Capscrew
1	M-3021676	Plunger		1	M-3045986	Seal - O-Ring
1	M-3023088	Spacer				

Fuel Injector Repair Kits

PART NUMBER	ENGINE MODEL	CONTENTS			COMMENTS
		QTY	P/N	DESCRIPTION	
MCB26105	N14	1	M-3070136	Seal - O-Ring - Injector Top	Celect Injectors
		1	M-3070137	Seal - O-Ring - Injector Mid	
		1	M-3070138	Seal - O-Ring - Injector Btm	
		1	M-3080421	Washer	
		1	M-3075613	Screw	
		1	M-3068959	Seal - O-Ring	
		1	M-3075658	Seal - O-Ring	
		1	M-3034408	Seal - O-Ring	
MCB26129	N14	3	M-3075613	Screw	Celect Injectors
		2	M-3080811	Screw - Socket Head Cap	
		1	M-3068959	Seal - O-Ring	
		1	M-3066738	Spring	
		1	M-3081388	Spring - Injector	
		1	M-3081371	Spring	
		1	M-3080421	Washer	
		2	M-3075658	Seal - O-Ring	
		1	M-3034408	Seal - O-Ring	
		1	M-3070136	Seal - O-Ring - Injector Top	
		1	M-3070137	Seal - O-Ring - Injector Mid	
		1	M-3070138	Seal - O-Ring - Injector Btm	
		1	M-3071967	Screen - Filter	
		1	M-3076068	Ball - Check	
MCB3060001	STC	1	M-3075658	Seal - O-Ring	
		1	M-3080421	Washer	
		3	M-3075613	Screw	
		1	M-3068959	Seal - O-Ring	
		1	M-3034408	Seal - O-Ring	
		1	M-3071967	Screen - Filter	
		1	M-3076068	Ball - Check	
		1	M-3081371	Spring	
		1	7991137	Seal - O-Ring - Solenoid	
		1	M-3067426	Retainer - Injector	
		1	M-3081388	Spring - Injector	
		1	M-3066738	Spring	
		1	M-3076256	Harness - Wiring	
		1	M-3070138	Seal - O-Ring - Injector Btm	
		1	M-3070137	Seal - O-Ring - Injector Mid	
1	M-3070136	Seal - O-Ring - Injector Top			
MCB26104	N14	1	M-3070136	Seal - O-Ring - Injector Top	Celect Injectors
		1	M-3070137	Seal - O-Ring - Injector Mid	
		1	M-3070138	Seal - O-Ring - Injector Btm	
		3	M-3075613	Screw	
		1	M-3080421	Washer	
		2	M-3068959	Seal - O-Ring	
		1	M-3034408	Seal - O-Ring	

## Fuel Injector O-Ring Kits

PART NUMBER	ENGINE MODEL	CONTENTS			COMMENTS
		QTY	P/N	DESCRIPTION	
MCB26124	N14	1	M-3070136	Seal - O-Ring - Injector Top	Celect Injectors
		1	M-3070137	Seal - O-Ring - Injector Mid	
		1	M-3070138	Seal - O-Ring - Injector Btm	
		1	M-3071967	Screen - Filter	
M-MCB59000	B & C Series	6	M-154087	Seal - O-Ring - Square Cut	Services QTY-6 Injectors
		6	M-3906659	Seal - Injector	
		6	M-3903380	Seal - Banjo	
		6	M-3923261	Seal	
		6	M-3930324	Seal - Injector	
M-MCB83000	6-C Series	6	M-3903380	Seal - Banjo	Services QTY-6 Injectors
		6	M-3906659	Seal - Injector	
		6	M-3909886	Seal - Injector	
MCBM11INJ	M11	1	M-3070136	Seal - O-Ring - Injector Top	
		1	M-3070137	Seal - O-Ring - Injector Mid	
		1	M-3070138	Seal - O-Ring - Injector Btm	
MCBN14INJ	N14	1	M-3070136	Seal - O-Ring - Injector Top	
		1	M-3070137	Seal - O-Ring - Injector Mid	
		1	M-3070138	Seal - O-Ring - Injector Btm	
MCBISXINJ-2	ISX	1	M-3347939	Seal - O-Ring - Injector	
		1	M-2872717	Seal - Injector	

## Fuel Injector Hardware Kits

PART NUMBER	ENGINE MODEL	CONTENTS			COMMENTS
		QTY	P/N	DESCRIPTION	
MCBISXINJ-1		1	M-3087316	Screen - Filter	Injector Screen Kit
		1	M-4009692	Screen - Filter	
M-4025063-OH	ISX/QSX	1	4025063SEAL	Seal	Injector Hardware Kit
		1	M-3348515	Pin - Spiral	
		1	M-4025062	Kit - Injector O-Ring	
		1	M-3087316	Screen - Filter	
		1	M-4009692	Screen - Filter	
MCBQSKINJ	QSK	1	M-3347939	Seal - O-Ring	Injector Seal & Screen Kit
		1	M-4010577	Seal - O-Ring	
		1	M-3347937	Seal - O-Ring	
		1	M-3867651	Seal - O-Ring	
		1	M-4009692	Screen - Filter	
		1	M-3348004	Screen - Filter	
		1	M-4307148	Seal - Injector	
MCB3680873		1	M-3680873	Sleeve - Injector	Injector Sleeve
		1	M-3678536	Seal - O-Ring	
MCB7141	ISX/QSX	1		Sleeve - Injector	Injector Sleeve - Copper
		1	M-3678536	Seal - O-Ring	
MCB7243		1	MCB7241	Sleeve - Injector	Injector Sleeve Kit
		1	MCB7242	Retaining Ring	
		1	M-3678536	Seal - O-Ring	



**Oil Cooler Gasket Sets**

PART NUMBER	ENGINE MODEL	CONTENTS			COMMENTS
		QTY	P/N	DESCRIPTION	
<b>MCB1010</b>	<b>Small V</b>	1	M-68210	Gasket	Services M-110848 Oil Cooler
		2	M-110827	Retainer - Cooler & Ring	
		1	M-3008017	Gasket	
		2	M-3019116	Seal - O-Ring - Oil Cooler Hsg	
<b>MCB1007</b>	<b>855</b>	2	M-3007713	Seal - O-Ring	Services M-142608 Oil Cooler
		2	M-212161	Seal	
		1	M-3008017	Gasket	
		1	M-9221	Gasket	
		2	M-43463A	Seal - O-Ring - Water Bypass	
		2	M-100328	Ring - Seal	
		1	M-146309	Gasket	
		1	M-203922	Gasket	
		2	M-3006745	Ring - Retaining	
<b>MCB1008</b>	<b>855</b>	2	M-3007713	Seal - O-Ring	Services M-142608 Oil Cooler
		1	M-3008017	Gasket	
		1	M-3024228	Gasket	
		1	M-3024229	Gasket	
		1	M-9221	Gasket	
		2	M-43463A	Seal - O-Ring - Water Bypass	
		2	M-100328	Ring - Seal	
		1	M-146309	Gasket	
		1	M-203922	Gasket	
		2	M-212161	Seal	
		2	M-3006745	Ring - Retaining	
<b>MCB1009</b>	<b>855</b>	3	M-212161	Seal	Services M-302158 Oil Cooler
		1	M-218245	Gasket	
		2	M-3006745	Ring - Retaining	
		2	M-3007713	Seal - O-Ring	
		1	M-3008017	Gasket	
		1	M-3010030	Gasket	
<b>MCB1011</b>	<b>855</b>	1	M-3010030	Gasket	FFC & Non FFC Mount
		1	M-210861	Gasket	
		1	M-211052	Gasket	
		4	M-212161	Seal	
		2	M-3006745	Ring - Retaining	
		2	M-3007713	Seal - O-Ring	
		1	M-3008017	Gasket	

### Oil Cooler Gasket Sets (cont.)

PART NUMBER	ENGINE MODEL	CONTENTS			COMMENTS
		QTY	P/N	DESCRIPTION	
MCB1401	N14	2	M-3069678	Gasket	Oil Cooler Install
		1	M-3072341	Gasket - Oil Connection	
		2	M-3072375	Gasket - Rectangular	
		2	M-109080	Seal - O-Ring - Therm Outlet	
MCB1402		1	M-3066298	Gasket - Oil Cooler Support	Oil Cooler Assy O/H
		2	M-109080	Seal - O-Ring - Therm Outlet	
		2	M-3037537	Seal - O-Ring - Turbo Oil Inlt	
		2	M-3069678	Gasket	
		1	M-3070477	Gasket	
		1	M-3070478	Gasket - Filter Head	
	1	M-3072341	Gasket - Oil Connection		
2	M-3072375	Gasket - Rectangular			
	1	M-3046943	Seal - O-Ring		

### Oil Pan Gasket Kits

PART NUMBER	ENGINE MODEL	CONTENTS			COMMENTS
		QTY	P/N	DESCRIPTION	
MCB855GS	855	1	M-67946	Gasket	
		1	M-157551	Gasket - Oil Pan Suction Tube	
		1	M-3029847	Seal	
		1	M-3034986	Seal - O-Ring	
MCB855SC		1	M-3032861	Gasket - Pan - Silicone	Silicon Gasket Set
		1	M-67946	Gasket	
		1	M-157551	Gasket - Oil Pan Suction Tube	
		1	M-3029847	Seal	
		1	M-3034986	Seal - O-Ring	
MCB855AO		1	M-157551	Gasket - Oil Pan Suction Tube	Add On Kit
	1	M-3029847	Seal		
	1	M-3034986	Seal - O-Ring		

### Oil Manifold Kit

PART NUMBER	ENGINE MODEL	CONTENTS			COMMENTS
		QTY	P/N	DESCRIPTION	
MCB14100	N14	6	M-3001340	Seal	Use for models w/STC Fuel System
		6	M-3050867	Grommet	
		6	M-3052587	Seal - O-Ring - Oil Connection	

## Water Pump Repair Kits

PART NUMBER	ENGINE MODEL	CONTENTS			COMMENTS
		QTY	P/N	DESCRIPTION	
MCB102	855	1	M-201766	Impeller	
		1	M-AR12732	Seal - Unitized	
		2	M-S16073	Bearing - Shaft	
		1	M-S16255	Ring - Retaining	
		1	M-112302	Ring - Snap	
		1	M-130240	Gasket - Mouting	
		1	M-196844	Spacer	
		1	M-199410	Shaft	
MCB104	855	1	M-S965E	Plug - Pipe	Idler
		1	M-S16255	Ring - Retaining	
		1	M-3050396	Shaft - Idler	
		1	M-208120	Spacer	
		1	M-3010150	Bearing	
		1	M-3038998	Seal	
MCB101	855	1	M-43463A	Seal - O-Ring - Water Bypass	Big Cam
		1	M-196844	Spacer	
		1	M-3038998	Seal	
		2	M-S16073	Bearing - Shaft	
		1	M-3000888	Impeller	
		1	M-3002385	Gasket - Mounting	
		1	M-3024960	Gasket	
		1	M-3050394	Shaft	
		1	M-AR12732	Seal - Unitized	
1	M-S16255	Ring - Retaining			

## Aftercooler Gasket Sets

PART NUMBER	ENGINE MODEL	CONTENTS			COMMENTS
		QTY	P/N	DESCRIPTION	
MCB1012	855	1	M-3032348	Gasket - Water Transfer	Services M-214836 Aftercooler
		2	M-3077201	Gasket	
		1	M-109080	Seal - O-Ring - Therm Outlet	
		1	M-195950	Gasket - Water Outlet Conn	
		4	M-195952	Seal - O-Ring - Aftercooler	
		1	M-215044	Gasket - Turbocharger	
		1	M-215045	Gasket - Turbocharger	
		1	M-216487	Gasket	
		3	M-3008591	Gasket - Manifold	

**Aftercooler Gasket Sets (cont.)**

PART NUMBER	ENGINE MODEL	CONTENTS			COMMENTS
		QTY	P/N	DESCRIPTION	
MCB1013	855	1	M-3032348	Gasket - Water Transfer	Services M-3028997 Aftercooler
		1	M-109080	Seal - O-Ring - Therm Outlet	
		4	M-195952	Seal - O-Ring	
		1	M-215044	Gasket - Turbocharger	
		1	M-3077201	Gasket	
		1	M-216487	Gasket	
		1	M-217037	Seal - O-Ring	
		3	M-3008591	Gasket - Manifold	
MCBKT38LTA	KTA8	4	M-3047665	Gasket - Manifold	Low Temp
		24	M-68910	Seal - O-Ring -Water Bypass	
		8	M-3063294	Seal - Grommet	
		4	M-3865994	Seal - Rectangular Strip	
		4	M-3011580	Gasket	
		3	M-3009324	Gasket	
		1	M-3009323	Gasket	

**Turbocharger Installation Kits**

PART NUMBER	ENGINE MODEL	CONTENTS			COMMENTS
		QTY	P/N	DESCRIPTION	
MCBTI	855	1	M-3069177	Gasket	Includes Clamp
		1	M-202994	Hose	
		4	M-219138	Nut	
		2	M-208326	Clamp	
MCBTIC		1	M-202994	Hose	
		2	M-208326	Clamp	
		4	M-219138	Nut	
		1	M-3069177	Gasket	
		1	M-186917	Clamp - Exhaust	
MCBISX005		ISX/QSX	1	M-3949708	
	1		M-3101268	Gasket - Flange	
	1		M-3102314	Gasket - Turbocharger	
	1		M-3678603	Seal - O-Ring	
	1		M-3678762	Seal - Grommet	
	2		M-3678786	Seal - O-Ring	
	1		M-3678912	Seal - O-Ring	
	2		M-3679139	Seal - O-Ring	
	1		M-3680324	Gasket - Flange	
	2		M-3684284	Washer - Sealing	
	1		M-3684359	Gasket - Exhaust Outlet	
	1		M-3685535	Gasket - Turbocharger	

Continued on next page

## Turbocharger Installation Kits (cont.)

PART NUMBER	ENGINE MODEL	CONTENTS			COMMENTS
		QTY	P/N	DESCRIPTION	
MCBISX005 (cont.)	ISX/QSX	2	M-3922794	Seal - O-Ring - Turbo Hose	Covers all ESN up to MY 2010
		1	M-4010519	Seal - O-Ring	
		1	M-4026884	Gasket - Turbocharger	
		2	M-4934278	Washer - Sealing	
		6	M-4934279	Washer - Sealing	
		1	M-5264570	Gasket - Oil Drain	
		1	M-3682177	Seal - O-Ring	
		2	M-3963983	Washer - Sealing	
		2	M-3627695	Seal - O-Ring	
		1	M-3957131	Seal - O-Ring	

## Exhaust Manifold Installation Kits

PART NUMBER	ENGINE MODEL	CONTENTS			COMMENTS
		QTY	P/N	DESCRIPTION	
MCB10502	855	1	M-202994	Hose	Pulse Manifold  Does Not include Seal Ring
		4	M-219138	Nut	
		4	M-3010915	Stud	
		6	M-3020943	Gasket	
		12	M-3043647	Bolt - Pulse Manifold Mount	
		1	M-3069177	Gasket	
MCBPM-2	855	1	M-3069177	Gasket	Pulse Manifold
		12	M-3043647	Bolt - Pulse Manifold Mount	
		4	M-219138	Nut - Turbocharger	
		4	M-3010915	Stud - Turbo	
		6	M-3020943	Gasket	
		2	M-3027653	Kit - Seal	

## Exhaust Hardware Kits

PART NUMBER	ENGINE MODEL	CONTENTS			COMMENTS
		QTY	P/N	DESCRIPTION	
MCBISX009	ISX/QSX	12	M-4965698	Bolt - Hex Flange Head	ISX/QSX CM570 ISX CM2250, CM2350
		12	M-4965512	Spacer	
		4	M-4298242	Stud	
		4	M-33818824	Nut - Hex Head	
MCBISX019	ISX/QSX	12	M-4965698	Bolt - Hex Flange Head	ISX CM870, CM871
		12	M-4965512	Spacer	
		4	M-4298220	Stud	
		4	M-4985492	Nut - Hex Head	

## Cylinder Head Bolt Kits

PART NUMBER	ENGINE MODEL	CONTENTS			COMMENTS
		QTY	P/N	DESCRIPTION	
MCBISXHBK	ISX/QSX	22	M-3678506	Screw - Hex Flange Head Cap	
		4	M-3678804	Screw - Hex Flange Head Cap	

## Accessory Drive Seal/Repair Kits

PART NUMBER	ENGINE MODEL	CONTENTS			COMMENTS
		QTY	P/N	DESCRIPTION	
MCB105	855	1	M-3069101	Gasket	
		1	M-3069102	Gasket	
		1	M-132770	Bushing	
		1	M-3004316	Seal	
		1	M-3008947	Seal - Air Compressor	
		1	M-190397	Sleeve - Pulley	
		1	M-3026557	Washer - Thrust	
		1	M-3026556	Washer - Thrust	
		1	M-3014103	Washer	
		1	M-116391	Bushing	
MCB105-2	855	1	M-132770	Bushing	Seal Kit
		1	M-190397	Sleeve - Pulley	
		1	M-3004316	Seal	
		1	M-3008947	Seal - Air Compressor	
		1	M-3069101	Gasket	
		1	M-3069102	Gasket	
		1	M-4026171	Gasket - Fuel Pump	
MCB105-3	855	1	M-3069101	Gasket	
		1	M-3069102	Gasket	
		1	M-70550	Dowel	
		1	M-116391	Bushing	
		1	M-132770	Bushing	
		1	M-190397	Sleeve - Pulley	
		1	M-3008947	Seal - Air Compressor	
		1	M-3026556	Washer - Thrust	
		1	M-3026557	Washer - Thrust	
MCB105-4	855	1	M-3069101	Gasket	
		1	M-3069102	Gasket	
		1	M-3004316	Seal	
		1	M-132770	Bushing	

### Jake Brake Gasket Sets

PART NUMBER	ENGINE MODEL	CONTENTS			COMMENTS
		QTY	P/N	DESCRIPTION	
MCBJK	855	3	M-3045533	Gasket - Rocker To Brake	
		3	M-JB10180	Seal - O-Ring - Square Cut	
MCB1005J		1	M-216487	Gasket	
		3	M-3054841	Gasket - Rocker Cover	
		3	M-JB10180	Seal - O-Ring - Square Cut	
MCB1006J		3	M-JB2610	Gasket	
		3	M-JB10180	Seal - O-Ring - Square Cut	
		1	M-3012972	Gasket - Aftercooler	
		1	M-216487	Gasket	
MCB1009J		3	M-3054841	Gasket - Rocker Cover	
	3	M-3045533	Gasket - Rocker To Brake		
MCB1009J	3	M-JB14848	Gasket - Brake Housing	88 BCIV	
	3	M-3058532	Gasket - Rocker Cover		

### Front Cover Gasket Sets

PART NUMBER	ENGINE MODEL	CONTENTS			COMMENTS
		QTY	P/N	DESCRIPTION	
MCB175	855	1	M-3067613	Gasket	
		1	M-4026171	Gasket - Fuel Pump	
		1	M-3069102	Gasket	
		1	M-190397	Sleeve - Acc Drive Pulley	
		1	M-3069101	Gasket	
		1	M-215705	Seal	
		1	M-3004316	Seal	
		1	M-3008947	Seal - Air Compressor	
		1	M-3020183	Seal - Crankshaft - Front	
		1	M-3021704	Gasket	
MCBISX0007	ISX/QSX	1	M-3679932	Gasket - Camshaft Cover	
		1	M-3679931	Gasket - Camshaft Cover	
		1	M-4955383	Kit - Seal - Front Crankshaft	
		1	M-4962722	Gasket - Strip	
		1	M-4962721	Seal - Rectangular Strip	
		1	M-4299124	Seal - O-Ring	
		1	M-4299125	Seal - O-Ring	

## Gear Cover Gasket Sets

PART NUMBER	ENGINE MODEL	CONTENTS			COMMENTS
		QTY	P/N	DESCRIPTION	
MCB215	N14	1	M-3069101	Gasket	91N14
		1	M-190397	Sleeve - Acc Drive Pulley	
		1	M-215705	Seal	
		1	M-3004316	Seal	
		1	M-3008947	Seal - Air Compressor	
		1	M-3020183	Seal - Crankshaft - Front	
		1	M-4058949	Gasket	
		1	M-3067613	Gasket	
		1	M-4026171	Gasket - Fuel Pump	
		1	M-3069102	Gasket	
MCB225	N14	1	M-3076225	Gasket - Acc Drive Support	91N14-Up
		1	M-215705	Seal	
		1	M-3800616	Kit - Seal - Accessory Drv	
		1	M-3008947	Seal - Air Compressor	
		1	M-3020183	Seal - Crankshaft - Front	
		1	M-4058949	Gasket	
		1	M-3067613	Gasket	
		1	M-4026171	Gasket - Fuel Pump	
		1	M-3076226	Gasket - Air Compressor	
MCB225TD	N14	1	M-3076225	Gasket - Acc Drive Support	91N14-Up  Does Not Include Acc Drive Seal Kit
		1	M-3020183	Seal - Crankshaft - Front	
		1	M-3800617	Seal - Accessory Drive	
		1	M-215705	Seal	
		1	M-3008947	Seal - Air Compressor	
		1	M-4058949	Gasket	
		1	M-3067613	Gasket	
		1	M-4026171	Gasket - Fuel Pump	
1	M-3076226	Gasket - Air Compressor			

## Engine Overhaul Gasket Sets

PART NUMBER	ENGINE MODEL	CONTENTS	COMMENTS
MCB4B01OH	B Series	All parts necessary to replace the gaskets and seals for an overhaul engine service including the cylinder head gasket, injector o-rings, rocker cover seals, upper and lower structures, as well as all gaskets and seals necessary for component installation	4B
MCB6B01OH			6B 5.9L
MCB6C01OH	C Series		6C 8.3L
MCB743HS	G/GTA12		Single Cylinder Head
MCB3802077			Upper Gasket Set
MCB3801466			Lower Gasket Set
MCB4955785	GSL		Upper Gasket Set

\*\*\*Please note: For a complete listing of ESN specific Interstate-McBee Cummins® Custom Gasket Sets, please see our gasket catalog or the engine specific catalog which can both be downloaded from our website at [www.interstate-mcbee.com](http://www.interstate-mcbee.com)



## Re-Ring Inframe Engine Kits

*\*Re-Ring Kits include; Cylinder Liner, Piston Ring Set, Piston Pin & Retainers, Main Bearings, Rod Bearings, In-Chassis Gasket Set - No Pistons/Crowns*

PART NUMBER	ENGINE MODEL	CONTENTS	COMMENTS
MCIF7791-6	3114/3116	Contains M-2382716 Skirt	ESN required to determine usage
MCIF2726	3126/C7	Contains M-2382726 Skirt	
MCIFC12E	C12	Contains M-RSC12E Ring Set	
MCIFC13E	C13	Contains M-RSC13E Ring Set	
MCIF3406E	3406E	Contains M-1W8922 Ring Set	
MCIF3406E2		Contains M-RS3406E2 Ring Set	
MCIF3406E-S		Contains M-1300241 Skirt	
MCIFC15E1	3406E/C15	ESN required to determine usage	
MCIFC15E-S	C15	Contains M-1326663 Skirt	
MCIFC18E	C18	ESN required to determine usage	

## Re-Ring Overhaul Engine Kits

*\*Re-Ring Kits include; Cylinder Liner, Piston Ring Set, Piston Pin & Retainers, Main Bearings, Rod Bearings, Overhaul Gasket Set - No Pistons/Crowns*

PART NUMBER	ENGINE MODEL	CONTENTS	COMMENTS
MCOH7791-6	3114/3116	Contains M-2382716 Skirt	ESN required to determine usage
MCOH2726	3126/C7	Contains M-2382726 Skirt	
MCOHC13E	C13	Contains M-RSC13E Ring Set	
MCOH3406E	3406E	Contains M-1W8922 Ring Set	
MCOH3406E2		Contains M-RS3406E2 Ring Set	
MCOH3406E-S		Contains M-1300241 Skirt	
MCOHC15E1	C15	ESN required to determine usage	
MCOHC18E	C18	ESN required to determine usage	



## Exhaust Stud Kits

PART NUMBER	ENGINE MODEL	CONTENTS			COMMENTS
		QTY	P/N	DESCRIPTION	
MCB3306SK	3306	10	M-7S6719	Stud - Taperlock	
		2	M-2M2488	Stud	
		12	M-2N2766	Lock - Nut	
MCBC9ESK	C9	12	M-1163715	Stud - Taperlock	
		6	M-4P4369	Spacer	
		12	M-6V5839	Washer	
		12	M-3E8017	Lock - Nut	
MCBC12ESK	C10	12	M-4P4369	Spacer	C13 w/ Standard Manifold
	C12	12	M-1163715	Stud - Taperlock	
	C13	12	M-3E8017	Lock - Nut	
MCB3406SK	3406 A/B	1	M-7L520	Stud - Taperlock - CYL Head	
		11	M-4S6137	Stud - Cylinder Head	
		12	M-2N2766	Lock - Nut	
		1	M-1061793	Stud - Taperlock	
MCB3406ESK	3406 C/E	12	M-2N2766	Lock - Nut	
		11	M-1061792	Stud	
		1	M-1061793	Stud - Taperlock	
MCBC15ESK	C15	12	M-2N2766	Lock - Nut	ACERT and Non-ACERT Engines
		11	M-1061792	Stud	
		1	M-1064159	Spacer	
		11	M-1083612	Spacer	
		1	M-1061793	Stud - Taperlock	
		12	M-5M2894	Washer	
MCBC16ESK	C16	12	M-2N2766	Lock - Nut	
		12	M-1061792	Stud	
		12	M-5M2894	Washer	
		1	M-1064159	Spacer	
		12	M-1083612	Spacer	
		1	M-1061793	Stud - Taperlock	

## Exhaust Hardware Kits

PART NUMBER	ENGINE MODEL	CONTENTS			COMMENTS
		QTY		DESCRIPTION	
MCB3406CHKT	3406C	12	M-5M2894	Washer	3406C ONLY
		6	M-1948124	Sleeve Assy	
		11	M-1061792	Stud	
		1	M-1064159	Spacer	
		11	M-1083612	Spacer	
		1	M-1061793	Stud - Taperlock	
		16	M-2N2766	Lock - Nut	
		4	M-2N2765	Bolt - Turbocharger	

**Exhaust Hardware Kits (cont.)**

PART NUMBER	ENGINE MODEL	CONTENTS			COMMENTS
		QTY		DESCRIPTION	
MCB3406EHKT	3406E C15	11	M-1061792	Stud	Non-ACERT Engines
		1	M-1064159	Spacer	
		11	M-1083612	Spacer	
		1	M-1061793	Stud - Taperlock	
		16	M-2N2766	Lock - Nut	
		4	M-2N2765	Bolt - Turbocharger	
		6	M-2818261	Sleeve Assy	
		6	M-8S9191	Bolt	
		12	M-5M2894	Washer	
MCBC15HKT	C15 ACERT	4	M-1687800	Locknut	ACERT Engines
		6	M-2818261	Sleeve Assy	
		6	M-8S9191	Bolt	
		12	M-5M2894	Washer	
		4	M-2N9288	Stud - Taperlock	
		4	M-3139550	Stud - Taperlock	
		11	M-1061792	Stud	
		1	M-1064159	Spacer	
		11	M-1083612	Spacer	
		1	M-1061793	Stud - Taperlock	
		16	M-2N2766	Lock - Nut	
		4	M-2N2765	Bolt - Turbocharger	

**Cylinder Head Bolt Kits**

PART NUMBER	ENGINE MODEL	CONTENTS			COMMENTS
		QTY		DESCRIPTION	
MCBC12HBK	C10 C12	7	M-6V9607	Bolt - Hex Head	
		26	M-1750454	Bolt	
		26	M-2S5658	Washer - Hard	
MCBC13HBK	C13	26	M-2421811	Bolt	
		26	M-2S5658	Washer - Hard	
		8	M-2104460	Bolt	
MCBC15HBK	3406E C15	10	M-1241854	Bolt	ACERT and Non-ACERT
		16	M-1241855	Bolt	
		26	M-5H1504	Washer - Hard	
MCB3500HBK	3500	8	M-7N1961	Bolt	Single Cylinder Head
		8	M-1877738	Washer - Hard	

**Exhaust Sleeve Repair Kit**

PART NUMBER	ENGINE MODEL	CONTENTS			COMMENTS
		QTY	P/N	DESCRIPTION	
M-2818261RK	3406E C15	2		Mounting Rivits	For repair of the M-2818261 Exh Sleeve
		2		Exhaust Sleeve Gasket	

## Camshaft Follower Pin and Roller Kits

PART NUMBER	ENGINE MODEL	CONTENTS			COMMENTS
		QTY	P/N	DESCRIPTION	
M-7E6011RK	3400	1	MCB7045	Roller	
		1	MCB7044	Pin - Roller	
M-4P9832RK	3406	1	M-4P9832P	Pin - Roller	
		1	M-4P9832R	Roller	
M-9L6931-PR	3406	1	M-4W3816	Roller	
		1	M-9N6187	Pin - Roller	
M-2038822PR	3406E	1	M-1627601	Pin - Roller	Injector
M-2075248PR		1	M-6I4431	Roller	
		1	M-1627601	Pin - Roller	
		1	M-6I4431	Roller	
M-1329439RK	3500	1	M-1329439P	Pin - Roller	
		1	M-2W3255	Roller	
M-3467515RK	3500	1	M-1329439P	Pin - Roller	
		1	M-2W3255CR	Roller	

## Bearing Roll In Gasket Sets

PART NUMBER	ENGINE MODEL	CONTENTS			COMMENTS
		QTY	P/N	DESCRIPTION	
MCB3406019	3406	1	M-4N1151-6	Gasket - Oil Pan - One Piece	Non-Baffle Plated Pan
		1	M-1090072	Seal - O-Ring - Oil Line	
		1	M-1090078	Seal - O-Ring	
		2	M-2A3398	Gasket	
MCB3406029		2	M-4N1151-6	Gasket - Oil Pan - One Piece	Baffle Plated Pan
		1	M-1090072	Seal - O-Ring - Oil Line	
		1	M-1090078	Seal - O-Ring	
		2	M-2A3398	Gasket	

We are adding new products regularly.....

## Fuel Pump Overhaul Gasket Sets

PART NUMBER		ENGINE MODEL	DESCRIPTION		COMMENTS	
<b>MCB3300SC</b>		<b>3300</b>	Scroll Style Fuel Pump Overhaul Gasket Set			
QTY	P/N	DESCRIPTION		QTY	P/N	DESCRIPTION
1	M-6F6672	Seal - O-Ring		2	M-2W5447	Gasket - Gov Housing
1	M-7F8607	Seal - O-Ring		1	M-4N260	Seal
6	M-8F3469	Seal - O-Ring		1	M-1503724	Gasket
1	M-1H8171	Seal - O-Ring		1	M-1503725	Gasket
1	M-2H3934	Seal - O-Ring		3	M-7N6806	Seal
6	M-3H442	Seal - O-Ring		1	M-7N6825	Ring
1	M-6H9691	Seal - O-Ring		1	M-1503726	Gasket
1	M-8H2778	Gasket - Fuel Filter		1	M-1503728	Gasket
6	M-8H9204	Washer - Felt		1	M-4P9608	Gasket
4	M-1J9671	Seal - O-Ring		1	M-7N9520	Gasket
2	M-2J157	Seal - O-Ring		1	M-3D2898	Seal - O-Ring
8	M-3J1907	Seal - O-Ring Fuel Line		1	M-1503727	Gasket
3	M-3J7354	Seal - O-Ring		1	M-1503730	Gasket
1	M-4J2506	Seal - O-Ring		1	M-8N5763	Seal
5	M-4J7533	Seal - O-Ring		1	M-1P436	Gasket - Fuel Priming Pmp
2	M-4J8997	Seal - O-Ring		1	M-5P6620	Seal - O-Ring
2	M-6J2419	Seal - O-Ring		1	M-5P8215	Seal - O-Ring
1	M-7J204	Seal - O-Ring		1	M-5P9757	Seal - O-Ring
1	M-8J8343	Seal - O-Ring		1	M-5S7611	Lock - Shaft
3	M-2D6392	Seal - O-Ring		7	M-3D2992	Seal - O-Ring
4	M-3K360	Seal - O-Ring		1	M-8T2604	Seal - Lip Type
1	M-3K9738	Seal		1	M-6V6921	Seal - O-Ring
1	M-5L4758	Seal - O-Ring		2	M-6V894	Seal - O-Ring
4	M-2M9780	Seal - O-Ring		1	M-6V895	Seal - O-Ring
1	M-4M8303	Seal - O-Ring		2	M-9Y8389	Gasket
5	M-6M5062	Seal - O-Ring		2	M-0038137	Seal - O-Ring
2	M-8M5248	Seal - O-Ring		1	M-6I2003	Gasket - Governor Group
1	M-8M5253	Seal - O-Ring		1	M-4D2297	Seal - O-Ring
1	M-8M8515	Seal - O-Ring		1	M-6I2004	Gasket - Governor Group
1	M-8M8997	Seal - O-Ring		1	M-1660368	Gasket
1	M-3D2824	Seal - O-Ring		1	M-5D6539	Seal - O-Ring
1	M-5D6543	Seal - O-Ring				
<b>MCB3300SCE</b>		<b>3300</b>	Early Model Scroll Style Fuel Pump Overhaul Gasket Set		Identified by the M-9H5797 Plunger and Barrel	
QTY	P/N	DESCRIPTION		QTY	P/N	DESCRIPTION
1	M-3B8453	Seal - O-Ring		1	M-4F7391	Seal - O-Ring
1	M-4B5647	Gasket		1	M-7F8607	Seal - O-Ring
1	M-9F4522	Gasket		1	M-8F3469	Seal - O-Ring
4	M-4H2494	Sleeve		2	M-2H3932	Seal - O-Ring
1	M-5H9942	Seal		6	M-3D2992	Seal - O-Ring
1	M-3J1907	Seal - O-Ring Fuel Line		1	M-2F4159	Lock
1	M-5L8991	Gasket - Cover		2	M-1H1023	Seal - O-Ring
1	M-6L1597	Gasket		1	M-2H3504	Lock
1	M-6L5766	Gasket		1	M-8H9180	Seal - Lip Type
1	M-6L5773	Gasket		1	M-8H9788	Gasket
1	M-7L7364	Gasket		2	M-2J157	Seal - O-Ring
1	M-7L7368	Gasket		2	M-6J2419	Seal - O-Ring
1	M-8L3873	Gasket		1	M-9M6292	Lock
1	M-8L4156	Gasket		1	M-9M6293	Lock
1	M-8L4159	Gasket		2	M-5P9294	Seal - Lip Type
2	M-2M2489	Seal - Oil		1	M-8H9220	Gasket
2	M-2P8763	Gasket		1	M-7M6955	Gasket
2	M-1S7336	Lock		1	M-8H9364	Gasket
1	M-4S7458	Diaphragm		1	M-9H2770	Gasket
3	M-4S7756	Seal				

\*\*\*Continued on next page

## Fuel Pump Overhaul Gasket Sets (cont.)

PART NUMBER		ENGINE MODEL	DESCRIPTION		COMMENTS
<b>MCB3300SCE (cont.)</b>		<b>3300</b>			
QTY	P/N	DESCRIPTION	QTY	P/N	DESCRIPTION
2	M-9H4557	Seal - O-Ring	1	M-8M4987	Seal - O-Ring
1	M-7L552	Gasket	2	M-8M5248	Seal - O-Ring
1	M-4M8303	Seal - O-Ring	1	M-8M5260	Seal - O-Ring
3	M-7S2374	Gasket	1	M-8M8997	Seal - O-Ring
1	M-8S5575	Seal	1	M-9M3866	Gasket
1	M-9S4671	Seal - Oil	1	M-9M7660	Gasket
1	M-6V8977	Seal - Fuel Transfer Pump	1	M-4N7465	Gasket
1	M-2A1913	Gasket	1	M-2P8722	Gasket
1	M-1C159	Lock - Nut	1	M-5P9757	Seal - O-Ring
1	M-2D9797	Gasket	1	M-4S8513	Gasket
1	M-4D9986	Seal - O-Ring	1	M-5S9020	Gasket
1	M-2F6156	Lock - Nut	1	M-5S9060	Gasket
1	M-1J9671	Seal - O-Ring	1	M-5S7611	Lock - Shaft
1	M-1M825	Gasket	1	M-5S9611	Gasket
2	M-7M9763	Lock - Nut	1	M-9S2308	Gasket
1	M-8M4445	Seal - O-Ring	1	M-1660368	Gasket
1	M-8M5253	Seal - O-Ring			
<b>MCB3300SCL</b>		<b>3300</b>	Late Model Scroll Style Fuel Pump Overhaul Gasket Set		Identified by the M-1W6541 Plunger and Barrel
QTY	P/N	DESCRIPTION	QTY	P/N	DESCRIPTION
2	M-0038137	Seal - O-Ring	1	M-8N5763	Seal
1	M-4D2297	Seal - O-Ring	6	M-3D2992	Seal - O-Ring
1	M-5D6543	Seal - O-Ring	4	M-1J9671	Seal - O-Ring
1	M-5F9144	Seal - O-Ring	6	M-3H442	Seal - O-Ring
1	M-5F7054	Seal - O-Ring	1	M-7J204	Seal - O-Ring
1	M-2H3932	Seal - O-Ring	2	M-1P436	Gasket - Fuel Priming Pmp
1	M-2H3934	Seal - O-Ring	1	M-1503727	Gasket
1	M-6H9691	Seal - O-Ring	1	M-4P9608	Gasket
1	M-8H2778	Gasket - Fuel Filter	1	M-6V6921	Seal - O-Ring
2	M-2J157	Seal - O-Ring	1	M-7N6825	Ring
3	M-3J7354	Seal - O-Ring	2	M-8M5248	Seal - O-Ring
5	M-4J7533	Seal - O-Ring	1	M-8M5253	Seal - O-Ring
1	M-4J2506	Seal - O-Ring	1	M-8M8997	Seal - O-Ring
1	M-4J8997	Seal - O-Ring	1	M-5S7611	Lock - Shaft
1	M-5L4758	Seal - O-Ring	1	M-3D2824	Seal - O-Ring
3	M-2M9780	Seal - O-Ring	1	M-3D2898	Seal - O-Ring
5	M-6M5062	Seal - O-Ring	6	M-8H9204	Washer - Felt Fuel Pump
1	M-4N260	Seal	2	M-6J2419	Seal - O-Ring
1	M-1503724	Gasket	1	M-8J8343	Seal - O-Ring
3	M-7N6806	Seal	1	M-4M8303	Seal - O-Ring
1	M-1503726	Gasket	1	M-8M8515	Seal - O-Ring
1	M-1503728	Gasket	1	M-5P6620	Seal - O-Ring
1	M-7N9520	Gasket	1	M-2W5447	Gasket - Gov Housing
1	M-1503730	Gasket	1	M-5D6539	Seal - O-Ring
1	M-6I2003	Gasket - Governor Group	1	M-1503725	Gasket
1	M-6I2004	Gasket - Governor Group	1	M-5P8215	Seal - O-Ring
1	M-5P9757	Seal - O-Ring	1	M-3K9738	Seal
1	M-8T2604	Seal - Lip Type	1	M-1H8171	Seal - O-Ring
1	M-6V894	Seal - O-Ring	8	M-8F3469	Seal - O-Ring
1	M-6V895	Seal - O-Ring	7	M-3J1907	Seal - O-Ring Fuel Line
1	M-1660368	Gasket	1	M-7F8607	Seal - O-Ring
3	M-2D6392	Seal - O-Ring	3	M-3K360	Seal - O-Ring

## Fuel Pump Overhaul Gasket Sets (cont.)

PART NUMBER		ENGINE MODEL	DESCRIPTION		COMMENTS	
<b>MCB3300SL</b>		<b>3300</b>	Later Model Sleeve Metering Style Fuel Pump Overhaul Gasket Set			
QTY	P/N	DESCRIPTION		QTY	P/N	DESCRIPTION
3	M-2W5447	Gasket - Gov Housing		4	M-3J1907	Seal - O-Ring Fuel Line
1	M-9F5940	Gasket		1	M-4N636	Seal - Lip Type
1	M-5N2487	Diaphragm		1	M-4N9057	Gasket
1	M-1H8128	Seal - O-Ring		1	M-3H442	Seal - O-Ring
1	M-4N4431	Gasket		1	M-5F9144	Seal - O-Ring
1	M-2W1626	Gasket		1	M-1P436	Gasket - Fuel Priming Pmp
2	M-4N260	Seal		1	M-4N594	Gasket
1	M-4M8303	Seal - O-Ring		1	M-6L5773	Gasket
1	M-8M5248	Seal - O-Ring		1	M-5M6509	Seal - O-Ring
1	M-8M5253	Seal - O-Ring		1	M-6L5766	Gasket
1	M-4N402	Gasket		4	M-2D6392	Seal - O-Ring
2	M-4N159	Gasket		2	M-4N403	Gasket
1	M-6H9691	Seal - O-Ring		1	M-4N1553	Gasket
1	M-7H9899	Gasket		1	M-4N1584	Seal - Lip Type
1	M-4N9337	Gasket		1	M-3D4004	Seal
1	M-4N4509	Gasket		1	M-3N2813	Seal
1	M-4N9056	Gasket		1	M-4N1551	Gasket
1	M-4N49	Gasket		1	M-7F8607	Seal - O-Ring
1	M-6N2843	Gasket		1	M-1660368	Gasket
12	M-6F6672	Seal - O-Ring		3	M-2W4037	Seal
1	M-2H3934	Seal - O-Ring		1	M-5S7611	Lock - Shaft
1	M-4N508	Gasket		1	M-4S7756	Seal
1	M-2M9780	Seal - O-Ring		7	M-1J9671	Seal - O-Ring
<b>MCB3406A</b>		<b>3406A</b>	Overhaul Gasket Set		3406A Models Only	
QTY	P/N	DESCRIPTION		QTY	P/N	DESCRIPTION
1	M-2P8669	Gasket - Governor		1	M-7M8485	Seal - O-Ring
1	M-2P8697	Gasket - Governor		1	M-8F3469	Seal - O-Ring
6	M-3D2992	Seal - O-Ring		6	M-8H9204	Washer - Felt
1	M-4J2506	Seal - O-Ring		1	M-8M8997	Seal - O-Ring
1	M-4M8303	Seal - O-Ring		1	M-8S5388	Gasket - Governor Group
1	M-4N5230	Gasket		1	M-8T2604	Seal - Lip Type
1	M-4N5434	Gasket		1	M-9L9678	Nut - Lock
1	M-4N7465	Gasket		1	M-9M6292	Lock
1	M-4N813	Gasket		1	M-9M6293	Lock
1	M-5H7370	Seal - O-Ring		1	M-9M9647	Seal - O-Ring
1	M-5L8991	Gasket - Cover		1	M-6L5766	Gasket
2	M-5P796	Seal		2	M-8H9788	Gasket
1	M-5P9294	Seal - Lip Type		1	M-1J9671	Seal - O-Ring
1	M-6J2419	Seal - O-Ring		1	M-1S4	Seal - O-Ring
1	M-6L5773	Gasket		1	M-1S7336	Lock
1	M-6N9339	Gasket		1	M-2P8234	Seal
1	M-7F8036	Lock		1	M-2P8643	Gasket
1	M-7J204	Seal - O-Ring				

## Fuel Pump Overhaul Gasket Sets (cont.)

PART NUMBER		ENGINE MODEL	DESCRIPTION		COMMENTS
<b>MCB3406B</b>		<b>3406B</b>	Overhaul Gasket Set		All 3406B and some 3406C
QTY	P/N	DESCRIPTION	QTY	P/N	DESCRIPTION
1	M-3D2898	Seal - O-Ring	1	M-6J2419	Seal - O-Ring
1	M-5P9757	Seal - O-Ring	1	M-8T2604	Seal - Lip Type
1	M-5P6620	Seal - O-Ring	1	M-8N3761	Gasket
1	M-3L6768	Seal - O-Ring	1	M-8N3776	Gasket
1	M-4M8303	Seal - O-Ring	1	M-1440482	Gasket
1	M-6F6672	Seal - O-Ring	1	M-1440479	Gasket - Idler
1	M-335879	Seal - O-Ring	1	M-1440478	Gasket - Governor Group
3	M-1J9671	Seal - O-Ring	1	M-1440480	Gasket - Governor Group
2	M-3J7354	Seal - O-Ring	1	M-1440481	Gasket
6	M-7J204	Seal - O-Ring	6	M-9X7735	Seal - O-Ring External Inj
1	M-8J8343	Seal - O-Ring	1	M-4W4616	Seal - Quad Ring
2	M-1H9696	Seal - O-Ring	1	M-5P8215	Seal - O-Ring
1	M-2D6392	Seal - O-Ring	1	M-6V5029	Seal
1	M-4J7533	Seal - O-Ring	1	M-6I1564	Diaphragm
6	M-3H442	Seal - O-Ring	3	M-7E2464	Valve Assy
1	M-6H9691	Seal - O-Ring	1	M-6I2002	Gasket
6	M-3J1907	Seal - O-Ring Fuel Line	1	M-1313719	Seal - O-Ring
1	M-5F9144	Seal - O-Ring	1	M-5P5601	Seal - O-Ring
1	M-4N260	Seal	1	M-4J8997	Seal - O-Ring
1	M-4P9608	Gasket	1	M-3D2824	Seal - O-Ring
1	M-6I2003	Gasket - Governor Group	1	M-8M8515	Seal - O-Ring
1	M-8N5763	Seal	1	M-7E3667	Spacer
<b>MCB3406C</b>		<b>3406C</b>	Overhaul Gasket Set		3406C Models Only
QTY	P/N	DESCRIPTION	QTY	P/N	DESCRIPTION
1	M-6V7681	Seal - O-Ring	1	M-6F6672	Seal - O-Ring
1	M-5P5846	Seal - O-Ring	2	M-4M8303	Seal - O-Ring
1	M-1099685	Seal - O-Ring	2	M-1P436	Gasket - Fuel Priming Pmp
2	M-5P7813	Seal - O-Ring	1	M-9X7715	Seal - Lobed
3	M-1093206	Seal - O-Ring	1	M-6V5029	Seal
6	M-8M4437	Seal - O-Ring	6	M-8H9204	Washer - Felt
2	M-2H3931	Seal - O-Ring	1	M-4W2488	Gasket
2	M-1H9696	Seal - O-Ring	1	M-4W2489	Gasket
1	M-3D2898	Seal - O-Ring	1	M-7W7290	Gasket
1	M-5P8215	Seal - O-Ring	1	M-8N4524	Gasket
7	M-6J2419	Seal - O-Ring	1	M-1440482	Gasket - Fuel Pump
1	M-4W436	Seal	1	M-2W459	Gasket - Timing Adv Cover
1	M-4J8997	Seal - O-Ring	1	M-1443505	Gasket
6	M-6V5393	Seal - O-Ring	2	M-4W2754	Seal
1	M-3D2824	Seal - O-Ring	6	M-9X7735	Seal - O-Ring External Inj
6	M-3H442	Seal - O-Ring	2	M-5P9757	Seal - O-Ring
6	M-1H1023	Seal - O-Ring	1	M-6V1903	Seal - O-Ring
4	M-3J7354	Seal - O-Ring	1	M-2N3350	Seal - O-Ring
3	M-7F8607	Seal - O-Ring	1	M-6I7540	Seal - O-Ring



## Fuel Pump Overhaul Kits

PART NUMBER		ENGINE MODEL	DESCRIPTION		COMMENTS	
<b>MCB3208-OH</b>		<b>3208</b>	Overhaul Kit		*=Not included in MCB3208A Overhaul Gasket Set	
QTY	P/N	DESCRIPTION		QTY	P/N	DESCRIPTION
1	M-5P547	Seal - Oil*		1	M-4N605	Spring*
1	M-7W6335	Bearing - Sleeve*		1	M-4N3713	Seal*
5	M-2D6392	Seal - O-Ring		1	M-9N2435	Gasket*
1	M-5M6509	Seal - O-Ring		1	M-1P436	Gasket - Fuel Priming Pump
1	M-8M5260	Seal - O-Ring*		1	M-3H442	Seal - O-Ring
1	M-8M5661	Seal - O-Ring*		1	M-2W4037	Seal
1	M-8M8157	Seal - O-Ring		1	M-2W5447	Gasket - Governor Housing
1	M-9M9729	Seal - O - Ring*		2	M-1J9671	Seal - O-Ring
1	M-4N505	Gasket		1	M-3J1907	Seal - O-Ring Fuel Line
1	M-4N508	Gasket		2	M-3J7354	Seal - O-Ring
1	M-4N532	Gasket		1	M-4J7533	Seal - O-Ring
1	M-4N556	Gasket		1	M-4N2954	Sleeve*
8	M-6F6672	Seal - O-Ring		1	M-6L5773	Gasket
1	M-1277139	Gasket - Top Cover		2	M-9L7630	Gasket - Air Inlet*
1	M-4N636	Seal - Lip Type		1	M-4N3779	Pin
1	M-4N975	Gasket		1	M-6N1716	Valve - Assembly*
1	M-4N1584	Seal - Lip Type		1	M-9N2064	Tube Assy*
1	M-4N1767	Valve		1	M-7E5346	Valve - Fuel Trans Pmp*
1	M-4N3088	Gasket				
<b>MCB3208-OHS</b>		<b>3208</b>	"Super" Overhaul Kit		*=Not included in the MCB3208-OH Fuel Pump O/H Kit	
QTY	P/N	DESCRIPTION		QTY	P/N	DESCRIPTION
1	M-4N1723	Shield - Governor Weight*		1	M-4N1767	Valve
1	M-4N605	Spring		1	M-4N3088	Gasket
1	M-4N2954	Sleeve		1	M-4N3713	Seal
1	M-4N3779	Pin		1	M-9N2435	Gasket
1	M-6N1716	Valve - Assembly		1	M-1P436	Gasket - Fuel Priming Pump
1	M-9N2064	Tube Assy		1	M-3H442	Seal - O-Ring
1	M-7E5346	Valve - Fuel Trans Pmp		1	M-2W4037	Seal
1	M-5P547	Seal - Oil		1	M-7M7219	Bearing - Thrust Needle*
1	M-5M6509	Seal - O-Ring		1	M-2W5447	Gasket - Governor Housing
1	M-8M5260	Seal - O-Ring		2	M-1J9671	Seal - O-Ring
1	M-8M5661	Seal - O-Ring		1	M-3J1907	Seal - O-Ring Fuel Line
1	M-8M8157	Seal - O-Ring		2	M-3J7354	Seal - O-Ring
1	M-9M9729	Seal - O - Ring		1	M-4J7533	Seal - O-Ring
1	M-4N505	Gasket		1	M-6L5773	Gasket
1	M-4N508	Gasket		2	M-9L7630	Gasket - Air Inlet
1	M-4N532	Gasket		2	M-4N2927	Washer - Thrust*
1	M-4N556	Gasket		5	M-2D6392	Seal - O-Ring
8	M-6F6672	Seal - O-Ring		1	M-7W6335	Bearing - Sleeve
1	M-1277139	Gasket - Top Cover		1	M-6L3921	Washer
1	M-4N636	Seal - Lip Type		1	M-4N2953	Ring - Lock*
1	M-4N975	Gasket		1	M-8N628	Bushing*
1	M-4N1584	Seal - Lip Type		1	M-9N5822	Washer - Thrust*

## Fuel Pump Overhaul Kits (cont.)

PART NUMBER		ENGINE MODEL	DESCRIPTION		COMMENTS
<b>MCB3723</b>		<b>3208</b>	Overhaul Kit		Single Lip Seal Pumps
QTY	P/N	DESCRIPTION	QTY	P/N	DESCRIPTION
5	M-2D6392	Seal - O-Ring	1	M-4N556	Gasket
8	M-6F6672	Seal - O-Ring	1	M-1277139	Gasket - Top Cover
1	M-3H442	Seal - O-Ring	1	M-4N636	Seal - Lip Type
2	M-1J9671	Seal - O-Ring	1	M-4N975	Gasket
1	M-3J1907	Seal - O-Ring Fuel Line	1	M-4N1584	Seal - Lip Type
1	M-4J7533	Seal - O-Ring	1	M-4N1767	Valve
1	M-6L5773	Gasket	1	M-4N3088	Gasket
2	M-9L7630	Gasket - Air Inlet	1	M-4N3713	Seal
1	M-5M6509	Seal - O-Ring	1	M-9N2435	Gasket
1	M-8M5260	Seal - O-Ring	1	M-1P436	Gasket - Fuel Priming Pump
1	M-8M5661	Seal - O-Ring	1	M-2W4037	Seal
1	M-8M8157	Seal - O-Ring	1	M-2W5447	Gasket - Governor Housing
1	M-9M9729	Seal - O - Ring	3	M-3J7354	Seal - O-Ring
1	M-4N505	Gasket	1	M-4N3779	Pin
1	M-4N508	Gasket	1	M-7E5346	Valve - Fuel Trans Pmp
1	M-4N532	Gasket			
<b>MCB3723D</b>		<b>3208</b>	Overhaul Kit		Double Lip Seal Pumps
QTY	P/N	DESCRIPTION	QTY	P/N	DESCRIPTION
1	M-6N3723D	Gasket Set - Fuel System	1	M-7E5346	Valve - Fuel Trans Pmp
1	M-4N3779	Pin			
<b>MCB3300SLOH</b>		<b>3300</b>	Sleeve Metering Style Fuel Pump Overhaul Kit		
QTY	P/N	DESCRIPTION	QTY	P/N	DESCRIPTION
1	M-7W6335	Bearing - Sleeve	1	M-4N636	Seal - Lip Type
1	M-2M9780	Seal - O-Ring	1	M-4N9057	Gasket
1	M-7F8607	Seal - O-Ring	1	M-3H442	Seal - O-Ring
1	M-5S7611	Lock - Shaft	1	M-5F9144	Seal - O-Ring
1	M-4S7756	Seal	1	M-1P436	Gasket - Fuel Priming Pump
1	M-9F5940	Gasket	1	M-4N594	Gasket
1	M-5N2487	Diaphragm	1	M-6L5773	Gasket
1	M-1H8128	Seal - O-Ring	1	M-4N605	Spring
1	M-6N7887	Gasket - Cover	1	M-5M6509	Seal - O-Ring
8	M-9N2064-60	Tube	1	M-6L5766	Gasket
1	M-4N4431	Gasket	2	M-4N403	Gasket
1	M-2W1626	Gasket	1	M-4N1553	Gasket
2	M-4N260	Seal	1	M-4N1584	Seal - Lip Type
1	M-4M8303	Seal - O-Ring	1	M-3D4004	Seal
1	M-4N402	Gasket	1	M-3N2813	Seal
1	M-6H9691	Seal - O-Ring	1	M-4N1551	Gasket
1	M-7H9899	Gasket	1	M-4N2954	Sleeve
1	M-4N9337	Gasket	3	M-2W5447	Gasket - Governor Housing
1	M-4N4509	Gasket	2	M-4N159	Gasket
1	M-4N9056	Gasket	2	M-8M5248	Seal - O-Ring

## Fuel Pump Overhaul Kits (cont.)

PART NUMBER		ENGINE MODEL	DESCRIPTION		COMMENTS	
<b>MCB3300SLOH</b> (cont.)		<b>3300</b>	Sleeve Metering Style Fuel Pump Overhaul Kit			
QTY	P/N	DESCRIPTION		QTY	P/N	DESCRIPTION
1	M-4N49	Gasket		2	M-8M5253	Seal - O-Ring
1	M-6N2843	Gasket		4	M-2D6392	Seal - O-Ring
12	M-6F6672	Seal - O-Ring		3	M-2W4037	Seal
1	M-7E5346	Valve - Fuel Trans Pmp		2	M-2H3934	Seal - O-Ring
1	M-4N508	Gasket		1	M-4N3779	Pin
4	M-3J1907	Seal - O-Ring Fuel Line		1	M-6D238	Valve Assy
<b>MCB3300SLOHS</b>		<b>3300</b>	Sleeve Metering Style Fuel Pump "Super" Overhaul Kit		* =Not included in MCB3300SLOH Fuel Pump Overhaul Kit	
QTY	P/N	DESCRIPTION		QTY	P/N	DESCRIPTION
2	M-4N260	Seal		1	M-5F9144	Seal - O-Ring
1	M-4M8303	Seal - O-Ring		1	M-1P436	Gasket - Fuel Priming Pump
2	M-4N159	Gasket		1	M-4N594	Gasket
1	M-2M9780	Seal - O-Ring		1	M-7E5346	Valve - Fuel Trans Pmp
2	M-8M5248	Seal - O-Ring		1	M-4N3779	Pin
2	M-8M5253	Seal - O-Ring		1	M-6L5773	Gasket
1	M-4N402	Gasket		1	M-6N7887	Gasket - Cover
4	M-2D6392	Seal - O-Ring		1	M-5M6509	Seal - O-Ring
1	M-6H9691	Seal - O-Ring		1	M-6L5766	Gasket
1	M-7F8607	Seal - O-Ring		1	M-6D238	Valve Assy
3	M-2W4037	Seal		2	M-4N403	Gasket
1	M-7H9899	Gasket		1	M-4N1553	Gasket
1	M-4N9337	Gasket		1	M-8N628	Bushing*
1	M-4N4509	Gasket		1	M-9F5940	Gasket
1	M-4N9056	Gasket		1	M-4N1584	Seal - Lip Type
1	M-4N2954	Sleeve		1	M-7W6335	Bearing - Sleeve
1	M-4N49	Gasket		1	M-3D4004	Seal
1	M-4N605	Spring		1	M-3N2813	Seal
1	M-6N2843	Gasket		1	M-5N2487	Diaphragm
12	M-6F6672	Seal - O-Ring		1	M-1H8128	Seal - O-Ring
2	M-2H3934	Seal - O-Ring		8	M-9N2064-60	Tube
1	M-4N508	Gasket		1	M-4N1551	Gasket
1	M-5S7611	Lock - Shaft		1	MCB7219	Kit - Thrust Needle Bearing*
4	M-3J1907	Seal - O-Ring Fuel Line		1	M-4N1767	Valve*
1	M-4S7756	Seal		1	M-4N2953	Ring - Lock*
1	M-4N636	Seal - Lip Type		1	M-4N1723	Shield - Governor Weight*
1	M-4N9057	Gasket		1	M-4N4431	Gasket
7	M-1J9671	Seal - O-Ring		1	M-2W1626	Gasket
1	M-3H442	Seal - O-Ring		3	M-2W5447	Gasket - Governor Housing

## Fuel Pump Overhaul Kits (cont.)

PART NUMBER		ENGINE MODEL	DESCRIPTION		COMMENTS	
MCB22240		3400	Overhaul Kit		Fuel Transfer Pump	
QTY	P/N	DESCRIPTION		QTY	P/N	DESCRIPTION
1	M-3K9738	Seal		1	M-3D2824	Seal - O-Ring
1	M-4J8997	Seal - O-Ring		1	M-2H3932	Seal - O-Ring
3	M-7E2464	Valve Assy		1	M-6J2419	Seal - O-Ring
1	M-5P8215	Seal - O-Ring		1	M-3D2898	Seal - O-Ring
2	M-3J1907	Seal - O-Ring Fuel Line		1	M-7E3667	Spacer
1	M-6F6672	Seal - O-Ring				

## Air/Fuel Ratio Repair Kit

PART NUMBER		ENGINE MODEL	DESCRIPTION		COMMENTS	
MCB34062		3406	Air/Fuel Ratio Repair Kit			
QTY	P/N	DESCRIPTION		QTY	P/N	DESCRIPTION
1	M-5P6620	Seal - O-Ring		1	M-8N5763	Seal
1	M-3L6768	Seal - O-Ring		1	M-4P9608	Gasket
1	M-5P5601	Seal - O-Ring		1	M-8J8343	Seal - O-Ring
1	M-2D6392	Seal - O-Ring		1	M-8M8515	Seal - O-Ring
1	M-6I1564	Diaphragm		1	M-335879	Seal - O-Ring
1	M-7J204	Seal - O-Ring				



**Fuel Pump Weight Kit**

PART NUMBER	ENGINE MODEL	CONTENTS			COMMENTS
		QTY	P/N	DESCRIPTION	
MCB3208WK	3208	3	M-4N511	Dowel	All items included in Fuel Pump Overhaul Kits
		3	M-8N2662	Capscrew	
		1	M-8N2663	Carrier	

**Fuel Pump Thrust Needle Bearing Kit**

PART NUMBER	ENGINE MODEL	CONTENTS			COMMENTS
		QTY	P/N	DESCRIPTION	
MCB7219	3400	1	M-7M7219	Bearing	Fuel Transfer Pump
		2	M-4N2927	Washer - Thrust	

**Fuel Pump Installation/Mounting Kits**

PART NUMBER	ENGINE MODEL	CONTENTS			COMMENTS
		QTY	P/N	DESCRIPTION	
MCB3208PM	3208	1	M-2W4037	Seal	All items included in Fuel Pump Overhaul Kits
		1	M-9M9729	Seal - O - Ring	
		2	M-9L7630	Gasket - Air Inlet	
		1	M-9N2064	Tube Assy	
		1	M-2W5447	Gasket - Governor Housing	
		1	M-8M5260	Seal - O-Ring	
		1	M-8M5661	Seal - O-Ring	
		1	M-8M8157	Seal - O-Ring	
		1	M-4N532	Gasket	
MCB3300SLPM	3300	1	M-1660368	Gasket	Sleeve Metering Style Fuel Pumps  Included in the 3300 Overhaul Kits
		1	M-6N7887	Gasket - Cover	
		8	M-9N2064-60	Tube	
		1	M-8M5248	Seal - O-Ring	
		1	M-8M5253	Seal - O-Ring	
		1	M-2H3934	Seal - O-Ring	
MCB399009	3400	1	M-7L7735	Gasket	Fuel Transfer Pump
		1	M-6J2419	Seal - O-Ring	
		1	M-4L7923	Gasket	
MCB3406BPM	3406B	1	M-Q-329	Seal, Quad Ring	
		1	M-2W459	Gasket - Auto Timing Adv Cover	
		1	M-6F4718	Seal - O-Ring	
		1	M-4W436	Seal	
		1	M-2N3350	Seal - O-Ring	
		1	M-9M9647	Seal - O-Ring	
		1	M-4W435	Seal	
		1	M-4W4616	Seal - Quad Ring	

## Fuel Injector Repair Kits

PART NUMBER	ENGINE MODEL	CONTENTS			COMMENTS
		QTY	P/N	DESCRIPTION	
MCBKT7000	3200	1	M-7W4487	Washer	7000 Series Injectors ONLY
		1	M-1143364	Washer - Stat-O-Seal	
		1	M-1S8947	Seal - O-Ring	
		1	M-6M5062	Seal - O-Ring	
		1	M-9L9098	Seal - Injector	
		1	M-2W1230	Screw	
		1	M-1W3987	Spring	
MCB73406B	3400	6	M-7W4482	Washer	7000 Series Injectors ONLY
		6	M-1143364	Washer - Stat-O-Seal	
		6	M-9L9098	Seal - Injector	
		6	M-2W1230	Screw	
		6	M-1S8947	Seal - O-Ring	
		6	M-6M5062	Seal - O-Ring	

## Fuel Injector Seal Kits

PART NUMBER	ENGINE MODEL	CONTENTS			COMMENTS
		QTY	P/N	DESCRIPTION	
MCBS0007		1	MCBS0007-1	Ring - Seal	HEUI
		1	MCBS0530-1	Seal Ring	
		1	MCBS0530-3	Seal Ring - Small - Blue	
M-2274239ORK	3406E	2	M-1662904	Seal - O-Ring	Injector Sleeve O-Ring Kit
		1	M-9X7430	Seal - O-Ring - Inj Tube	
M-1080219ORK	3400	1	M-0618561	Seal - O-Ring	Use w/ M-1080219 Injector Sleeve
		1	M-6V5266	Seal - O-Ring	
		2	M-1079570	Seal - O-Ring	
		1	M-2N7174	Gasket - Spark Plug Adapter	

## Governor Repair Kit

PART NUMBER	ENGINE MODEL	CONTENTS			COMMENTS
		QTY	P/N	DESCRIPTION	
MCB3116GA	3116	1	M-1N3887	Setscrew	
		1	M-7X4805	Seal - O-Ring	
		2	M-7W7383	Valve Assy	
		1	M-1151192	Seal - O-Ring	
		1	M-2S4078	Seal - O-Ring	
		1	M-8T6702	Screw	
		1	M-S1943	Wire - Lead Seal	
		2	M-3J1907	Seal - O-Ring - Fuel Line	
		2	M-3J7354	Seal - O-Ring	
		2	M-4D9986	Seal - O-Ring	
		1	M-4K1388	Seal - O-Ring	
		1	M-5M2057	Seal - O-Ring	
		1	M-5P9757	Seal - O-Ring	
		1	M-6V5100	Seal - O-Ring	
		1	M-7C6204	Plug	
1	M-7L3386	Seal - O-Ring - Oil Line			

## Oil Pump Installation Gasket Set

PART NUMBER	ENGINE MODEL	CONTENTS			COMMENTS
		QTY	P/N	DESCRIPTION	
MCBC12016	C12	1	M-8J4351	Seal - O-Ring	
		2	M-6V5134	Seal - O-Ring	
		1	M-0618561	Seal - O-Ring	
		2	M-5P8068	Seal - O-Ring	
		1	M-6V3834	Seal - O-Ring	

## Oil Pump Repair Kit

PART NUMBER	ENGINE MODEL	CONTENTS			COMMENTS
		QTY	P/N	DESCRIPTION	
MCB3400RK	3400	2	M-8S6511	Bearing	
		2	M-7N2156	Bearing - Sleeve	
		1	M-6N1931	Plunger - Relief Valve	
		1	M-2S2760	Spring	
		1	M-1W7238	Shaft - Drive	
		1	M-1W7239	Shaft - Idler	

## Water Pump Installation Gasket Sets

PART NUMBER	ENGINE MODEL	CONTENTS			COMMENTS
		QTY	P/N	DESCRIPTION	
MCB398008	D379 D398 D399	1	M-1H8278	Seal - O-Ring	
		1	M-4L8120	Gasket - Oil Cooler	
		1	M-4L8121	Gasket	
		1	M-4L8606	Gasket	
		1	M-4L9965	Gasket	
		1	M-5H6012	Seal - Lip Type	
		1	M-6L6487	Gasket	
		1	M-6N4744	Adapter	
		1	M-6N9313	Seal	
		5	M-7F7510	Lock - Nut	
		10	M-8J6775	Seal	
		1	M-2N2560	Seal	
		1	M-8L5197	Gasket	
		1	M-3F2771	Pin - Cotter	
		2	M-4F7387	Seal - O-Ring - Oil Clr	
		2	M-4L3437	Gasket	
		3	M-4L3759	Nut - Lock	
1	M-4L5832	Gasket			
5	M-4L6706	Gasket			
6	M-4L8097	Gasket			

## Water Pump Installation Gasket Sets (cont.)

PART NUMBER	ENGINE MODEL	CONTENTS			COMMENTS
		QTY	P/N	DESCRIPTION	
MCB399008	D379 D398 D399	1	M-1S7408	Seal - O-Ring	Raw Water
		2	M-4L3437	Gasket	
		1	M-4L5832	Gasket	
		1	M-4L8121	Gasket	
		1	M-5H6012	Seal - Lip Type	
		1	M-5L8043	Gasket	
MCB399018	D399	2	M-4L3437	Gasket	Fresh Water
		1	M-4L5832	Gasket	
		1	M-4L8121	Gasket	
		1	M-4L8606	Gasket	
		1	M-5H6012	Seal - Lip Type	

## Water Pump Repair Kits

PART NUMBER	ENGINE MODEL	CONTENTS			COMMENTS
		QTY	P/N	DESCRIPTION	
MCB6289B	3400	1	M-1L8212	Gasket	
		2	M-4N2199	Gasket	
		1	M-4S5898	Seal - O-Ring	
		1	M-1313815	Seal Group	
		1	M-5F149	Seal - O-Ring - Black	
		1	M-5H5672	Seal - O-Ring	
		1	M-5K5959	Seal - O-Ring	
		1	M-5L5032	Seal - O-Ring	
		5	M-7C307	Gasket	
		1	M-7F2122	Seal - O-Ring	
		1	M-8C3100	Seal	
		5	M-2H3927	Seal - O-Ring	
		1	M-8N4734	Gasket	
		2	M-9F4446	Seal - O-Ring	
		1	M-9F7450	Gasket	
		2	M-9M9647	Seal - O-Ring	
		1	M-0S1591	Capscrew	
		1	M-2L5271	Bearing - Ball	
		1	M-1354928	Shaft	
		1	M-1A1135	Capscrew	
		1	M-9M6527	Washer	
		1	M-1B3867	Bearing	
		1	M-2N931	Gasket	
		1	M-2P3696	Retainer	
		2	M-4F7387	Seal - O-Ring - Oil Clr	
		1	M-4F8824	Seal - O-Ring - Black	
		2	M-4F9653	Seal - O-Ring	
		2	M-4N864	Gasket	
		1	M-4N1156	Gasket - Regulator Housing	
		2	M-4N1946	Gasket	



## Water Pump Repair Kits (cont.)

PART NUMBER	ENGINE MODEL	CONTENTS			COMMENTS
		QTY	P/N	DESCRIPTION	
<b>MCB6289A</b>	<b>3406</b>	1	M-1W2636	Gasket	
		1	M-4W4014	Gasket - Lines Group	
		1	M-5K5959	Seal - O-Ring	
		1	M-7C307	Gasket	
		1	M-7W7071	Gasket - Oil Cooler	
		1	M-8C3100	Seal	
		1	M-9M3786	Seal - O-Ring	
		1	M-9M5894	Seal - O-Ring	
		1	M-9Y2588	Gasket - Regulator Housing	
		1	M-0S1591	Capscrew	
		1	M-2L5271	Bearing - Ball	
		1	M-1048585	Gasket - Regulator	
		1	M-1354928	Shaft	
		1	M-1A1135	Capscrew	
		1	M-9M6527	Washer	
		1	M-1B3867	Bearing	
		1	M-2P3696	Retainer	
		1	M-3S9643	Seal - Thermostat	
		1	M-4N933	Gasket	
		5	M-4F7387	Seal - O-Ring - Oil Clr	
1	M-4K6804	Seal - O-Ring W/P Mnt			
1	M-4N641	Gasket			
1	M-4N1156	Gasket - Regulator Housing			
1	M-1313815	Seal Group			

## Heat Exchanger Seal Kit

PART NUMBER	ENGINE MODEL	CONTENTS			COMMENTS
		QTY	P/N	DESCRIPTION	
<b>MCBC9088</b>	<b>C9</b>	2	M-0990187	Seal - O-Ring	
		4	M-2D8009	Seal - O-Ring	
		1	M-2H3931	Seal - O-Ring	
		1	M-3S9643	Seal - Thermostat	
		1	M-5B4399	Seal - O-Ring	
		1	M-3D2824	Seal - O-Ring	
		1	M-3J7354	Seal - O-Ring	

## Thermostat Installation Kits

PART NUMBER	ENGINE MODEL	CONTENTS			COMMENTS
		QTY	P/N	DESCRIPTION	
<b>M-2477133KT</b>	<b>3406</b>	1	M-2477133	Regulator - Temperature	
		1	M-5K5959	Seal - O-Ring	
		1	M-7C307	Gasket	
		1	M-4N1156	Gasket - Regulator Housing	
		1	M-4W4014	Gasket - Lines Group - Water	
		1	M-3S9643	Seal - Thermostat	
		1	M-9Y2588	Gasket - Regulator Housing	

## Thermostat Installation Kits (cont.)

PART NUMBER	ENGINE MODEL	CONTENTS			COMMENTS
		QTY	P/N	DESCRIPTION	
M-4W4794KT	3406	1	M-3S9643	Seal - Thermostat	
		1	M-7C307	Gasket	
		1	M-3S9643	Seal - Thermostat	
		1	M-5K5959	Seal - O-Ring	
		1	M-4N1156	Gasket - Regulator Housing	
		1	M-4W4014	Gasket - Lines Group - Water	
		1	M-9Y2588	Gasket - Regulator Housing	

## Thermostat Gasket Set

PART NUMBER	ENGINE MODEL	CONTENTS			COMMENTS
		QTY	P/N	DESCRIPTION	
MCB3406BTHERM	3406B	1	M-5K5959	Seal - O-Ring	
		1	M-4N1156	Gasket - Regulator Housing	
		1	M-4W4014	Gasket - Lines Group - Water	
		1	M-9Y2588	Gasket - Regulator Housing	
		1	M-7C307	Gasket	

## Universal Cylinder Head Gasket Sets

PART NUMBER	ENGINE MODEL	CONTENTS	COMMENTS
MCBC15993	3406E C15	All parts necessary to replace the gaskets and seals of the cylinder head including the cylinder head gasket, injector o-rings, rocker cover seals, seal stock for jake brake equipped engines, regulator gaskets and seals.	Non-ACERT
MCBC15213	C15	All parts necessary to replace the gaskets and seals of the cylinder head including the cylinder head gasket, injector o-rings, rocker cover seals, seal stock for jake brake equipped engines, regulator gaskets and seals.	ACERT
MCB3500NG	G3500	All parts necessary to replace the gaskets and seals <i>single</i> cylinder head including the cylinder head gasket, space plate gasket, water seals, flame arrester gasket, and exhaust manifold seals	Natural Gas Single Cylinder Head
MCB3600NG	G3600	All parts necessary to replace the gaskets and seals <i>single</i> cylinder head including the cylinder head gasket, space plate gasket, water seals, flame arrester gasket, and exhaust manifold seals	Natural Gas Single Cylinder Head

\*\*\*Please note: For a complete listing of ESN specific Interstate-McBee Caterpillar® Custom Gasket Sets, please see our catalog which can be downloaded from our website at [www.interstate-mcbee.com](http://www.interstate-mcbee.com)

## Re-Ring Inframe Engine Kits

*Re-Ring Inframe Kits include; Cylinder Liner, Piston Ring Set, Piston Pin & Retainers, Main Bearings, Rod Bearings, Cylinder Head Gasket Set, Injector O-Ring Kits, and Oil Pan Gasket*

PART NUMBER	ENGINE MODEL	CONTENTS	COMMENTS
<b>A-MCIFS50</b>	<b>Series 50</b>	Crosshead Iron Piston 15:1CR w/Wide Bearings	ESN required to determine Ring Set
<b>A-MCIFS50-4</b>		Articulated Steel Piston 16.5:1CR	
<b>A-MCIFS50-4S</b>		Articulated Steel Piston 16.5:1CR w/Piston Skirt	
<b>A-MCIFS60</b>	<b>Series 60</b>	Crosshead Iron Piston 15:1CR	Wide Bearings
<b>A-MCIFS60Q</b>		2.5mm Fire Ring	**
<b>A-MCIFS60-4</b>		Articulated Steel Piston	ESN required to determine Ring Set
<b>A-MCIFS60-4S</b>		Articulated Steel Piston w/ Piston Skirt	
<b>A-MCIFS60-5</b>		Articulated Steel Piston 16:1CR w/o Pistons AND Pins	Use w/ 23533282 Pistons ONLY
<b>A-MCIFS60-5M</b>		12.7L DDEC V	ESN required to determine Ring Set
<b>A-MCIFS60-5B</b>		14L - 1pc Steele Piston Type	Use w/ 23537126 Pistons ONLY

*\*\*Kits with the "Q" suffix also include a Head Bolt Kit and Camshaft Bearings*

## Re-Ring Overhaul Engine Kits

*Re-Ring Inframe Kits include; Cylinder Liner, Piston Ring Set, Piston Pin & Retainers, Main Bearings, Rod Bearings, and Overhaul Gasket Set.*

PART NUMBER	ENGINE MODEL	CONTENTS	COMMENTS
<b>A-MCOHS50</b>	<b>Series 50</b>	Crosshead Iron Piston 15:1CR w/Wide Bearings	ESN required to determine Ring Set
<b>A-MCOHS50-4</b>		Articulated Steel Piston 16.5:1CR	
<b>A-MCOHS50-4S</b>		Articulated Steel Piston 16.5:1CR w/Piston Skirt	
<b>A-MCOHS60</b>	<b>Series 60</b>	Crosshead Iron Piston 15:1CR	Wide Bearings
<b>A-MCOHS60Q</b>		2.5mm Fire Ring	**
<b>A-MCOHS60-4S</b>		Articulated Steel Piston w/ Piston Skirt	ESN required to determine Ring Set
<b>A-MCOHS60-5</b>		Articulated Steel Piston 16:1CR w/o Pistons AND Pins	Use w/ 23533282 Pistons ONLY
<b>A-MCOHS60-5M</b>		12.7L DDEC V	ESN required to determine Ring Set
<b>A-MCOHS60-6</b>		14L One Piece Steel Piston - DDEC V	Use w/ 23537126 Pistons ONLY

## Cylinder Head Parts Kits

PART NUMBER	ENGINE MODEL	CONTENTS			COMMENTS
		QTY	P/N	DESCRIPTION	
A-MCB4-71	4-71	4	A-5103659	Gasket - Cyl Head Compression	Seal Kit
		1	A-5183305	Gasket - Water & Oil Head	
		6	A-5186579	Seal Ring - Water Holes	
		1	A-5119973	Seal Ring - Cylinder Head	
		3	A-5186577	Seal Ring - End Water Hole	
A-MCB6-71	6-71	6	A-5103659	Gasket - Cyl Head Compression	Seal Kit
		1	A-5119974	Seal Ring - Cylinder Head	
		1	A-5183305	Gasket - Water & Oil Head	
		3	A-5186577	Seal Ring - End Water Hole	
		10	A-5186579	Seal Ring - Water Holes	
CHPKS60	Series 60	6	A-23501580	Kit - Tube - Inj Hole w/Seal	Hardware Kit
		24	A-23533552	Guide - Intake & Exhaust	
		24	A-23523930	Seal - Valve Stem	
		48	A-8929573	Lock - Valve	

## Camshaft Follower Pin and Roller Kits

PART NUMBER	ENGINE MODEL	CONTENTS			COMMENTS
		QTY	P/N	DESCRIPTION	
A-23532937PR	Series 60	1	A-23509812	Roller	Intake Rocker Arm
		1	4991580	Pin - Roller	
A-23538247PR		1	A-23509811	Roller	Exhaust Rocker Arm
		1	4991608	Pin - Roller	
A-23513939PR		1	A-23509811	Roller	Injector Arm
		1	4991608	Pin - Roller	

## Cylinder Shims

PART NUMBER	ENGINE MODEL	CONTENTS	COMMENTS
A-S60-31 SHIM	Series 60	Shim -.031 Liner	Brass
A-S60-62 SHIM		Shim -.062 Liner	

## Miscellaneous Kits

PART NUMBER	ENGINE MODEL	CONTENTS	COMMENTS
MCB23519723	Series 60	Slipper & Ear Bearings Kit	
A-23531502KT		Cylinder Liner Seal Kit	
A-8929087KT		Piston Pin Kit	Contains Piston Pin and Retainers
A-23525168KT			

## Cylinder Block Plug Kits

PART NUMBER	ENGINE MODEL	CONTENTS			COMMENTS
		QTY	P/N	DESCRIPTION	
A-6-71 PLUG KIT	6-71	12	A-8927270	Stud - Water Manifold	For use on 5102770 Cylinder Head <i>ONLY</i>
		7	A-8925804	Stud - Exh Manifold To Head	
		4	A-5142549	Plug - Pipe	
		10	A-8923847	Plug	
		4	A-5154453	Plug	
		3	A-8924517	Plug - Socket Head	
		4	A-5178976	Plug	
		2	A-5117186	Plug - Cup	
		1	A-8924195	Connector - 5/16	

## Cylinder Head Bolt Kits

PART NUMBER	ENGINE MODEL	CONTENTS			COMMENTS
		QTY	P/N	DESCRIPTION	
MCB149HBK	149 Series	7	A-23524684	Bolt	
		7	A-5139850	Washer	
MCB50HBK	Series 50	26	A-23530768	Bolt	
		26	A-8929328	Washer	
MCB60HBK	Series 60	38	A-23530768	Bolt	
		38	A-8929328	Washer	



## Fuel Injector O-Ring Kits

PART NUMBER	ENGINE MODEL	CONTENTS			COMMENTS
		QTY	P/N	DESCRIPTION	
<b>MCBS60INJ</b>	<b>Series 60</b>	2	A-5234699	O-Ring	External Injector Seals
		1	A-5234702	O-Ring	
		1	A-23511870	Gasket - Lower Aux Seal	
		1	A-5104701	Seal - O-Ring - Injector Tube	
<b>MCB26210</b>		2	A-5234699	O-Ring	External Injector Seals
		1	A-5234702	O-Ring	
		1	A-5104701	Seal - O-Ring - Injector Tube	
<b>MCB26210-25</b>		50	A-5234699	O-Ring	External Injector Seals Bulk
		25	A-5234702	O-Ring	
		25	A-5104701	Seal - O-Ring - Injector Tube	
<b>MCB26209</b>	1	4991539	O-Ring	Internal Injector Seals	
	2	A-5234224	Spacer Seal - EUI		
	1	A-5234701	O-Ring		
<b>MCB26209-25</b>	25	4991539	O-Ring	Internal Injector Seals Bulk	
	50	A-5234224	Spacer Seal - EUI		
	25	A-5234701	O-Ring		
<b>A-5234699K</b>	2	A-5234224	Spacer Seal - EUI		
	1	4991539	O-Ring		
	1	A-23511870	Gasket - Lower Aux Seal		
	1	A-5104701	Seal - O-Ring - Injector Tube		
	2	A-5234699	O-Ring - External		
	1	A-5234702	O-Ring - External		
	1	A-5234701	O-Ring - Internal		
<b>MCB262312</b>	1	A-5104701	Seal - O-Ring - Injector Tube		
	2	A-5234224	Spacer Seal - EUI		
	1	4991539	O-Ring		
	2	A-5234699	O-Ring - External		
	1	A-5234701	O-Ring - Internal		
	1	A-5234702	O-Ring - External		
<b>MCB-DDEC-92K</b>	1	A-5234281	Ring - Seal	92 DDEC Injector	
	2	A-5234224	Spacer Seal - EUI		
	1	M-131026	Seal - O-Ring - Fuel Crossover		
	1	A-5234368	O-Ring		
	1	M-3045986	Seal - O-Ring		
<b>A-EOK9649</b>	<b>MUI</b>	100	A-5228587	Element - Filter	Economy Service O/H
		100	A-5234281	Ring - Seal	
		200	A-5226186	Gasket - Filter Cap	
		100	A-5226414G	Cap - Shipping (Green)	
		50	A-5226414R	Cap - Shipping (Red)	
		50	A-5226414B	Cap - Shipping (Blue)	

## Fuel Pump Repair Kits

PART NUMBER	ENGINE MODEL	CONTENTS			COMMENTS
		QTY	P/N	DESCRIPTION	
<b>A-23517845RK</b>	<b>Series 60</b>	4	A-8923526	Bearing	
		1	A-23516118	Gasket	
		1	4991613	Gasket - Green	
		1	A-8923521	Pin - Gear Drive	
		4	A-8923522	Ring - Gear Retaining	
		1	A-23516117	Gasket	
		1	A-23505249	Coupling - Shock	
		2	A-23512243	Seal - Oil	
		1	A-23505248	Gasket	
		1	A-23506557	Spring - Relief Valve	
<b>A-23517845RK-S</b>	<b>Series 60</b>	4	A-8923526	Bearing	Includes Shaft Assembly and Key
		1	A-23516118	Gasket	
		1	4991613	Gasket - Green	
		1	A-8923521	Pin - Gear Drive	
		4	A-8923522	Ring - Gear Retaining	
		1	A-23516117	Gasket	
		1	A-23505249	Coupling - Shock	
		2	A-23512243	Seal - Oil	
		1	A-23505248	Gasket	
		1	A-23506557	Spring - Relief Valve	
		1	4992018	Key - Drive Gear	
1	A-23532977	Shaft & Hub - Assy			
<b>A-23517845RK-SG</b>	<b>Series 60</b>	4	A-8923526	Bearing	Includes Shaft Assembly and Gear
		1	A-23516118	Gasket	
		1	4991613	Gasket - Green	
		1	A-8923521	Pin - Gear Drive	
		4	A-8923522	Ring - Gear Retaining	
		1	A-23516117	Gasket	
		1	A-23505249	Coupling - Shock	
		2	A-23512243	Seal - Oil	
		1	A-23505248	Gasket	
		1	A-23506557	Spring - Relief Valve	
		1	A-23532977	Shaft & Hub - Assy	
		2	4991816	Gear - Drive - .375	

We are adding new products regularly.....

## Governor Repair Kits

PART NUMBER	ENGINE MODEL	CONTENTS			COMMENTS
		QTY	P/N	DESCRIPTION	
<b>A-IDS29397</b>	<b>V71</b>	4	A-447196	Bearing - Lever	Double Weighted Mechanical Limiting Units
		1	A-5101691	Seal Ring - Shaft	
		1	A-5117693	Pin - Link	
		1	A-8924266	Gasket - Blower End Plate	
		1	A-5143866	Pin	
		1	A-5144177	Retainer - Throttle	
		1	A-5144178	Retainer - Shutdown	
		2	A-5147866	Bushing - Weight	
		3	A-5151487	Washer	
		1	A-5153060	Retainer - Housing Cover	
		1	A-5165221	Gasket - Weight Housing	
		1	A-5174286	Nut	
		1	A-5174429	Retainer - Throttle Shaft	
		1	A-5176557	Seal Ring	
		5	A-5178581	Retainer - Shutdown	
		2	A-5185153	Pin - Weight	
		1	A-8922593	Gasket - Spring Cover	
		1	A-8924869	Gasket - Cover	
		1	A-9424121	Bearing - Weight Shaft	
		1	A-9431896	Bearing - Operating Shaft	
		1	A-9437108	Bearing - Weight Riser	
		1	A-9436682	Bearing - Operating Shaft	
		1	A-5127375	Pin - Control	
		1	A-116337	Plug - Expansion Housing	
		2	A-148402	Bearing - Operating Shaft	
		<b>A-IDS02825</b>	<b>V71</b>	1	
1	A-5174286			Nut	
1	A-5174429			Retainer - Throttle Shaft	
1	A-5176557			Seal Ring	
5	A-5178581			Retainer - Shutdown	
1	A-8922593			Gasket - Spring Cover	
1	A-8924869			Gasket - Cover	
1	A-9424121			Bearing - Weight Shaft	
1	A-9431896			Bearing - Operating Shaft	
1	A-8924266			Gasket - Blower End Plate	
1	A-9436682			Bearing - Operating Shaft	
1	A-5127375			Pin - Control	
1	A-116337			Plug - Expansion Housing	
4	A-148402			Bearing - Operating Shaft	
6	A-447196			Bearing - Lever	
1	A-5143866			Pin	
1	A-9438907			Bearing - Weight Riser	
2	A-5185154			Shaft - Weight Pin	
1	A-5144177			Retainer - Throttle	
8	A-5151487			Washer	
1	A-5153060			Retainer - Housing Cover	
1	A-5165221	Gasket - Weight Housing			



## Front Cover Gasket Set

PART NUMBER	ENGINE MODEL	CONTENTS			COMMENTS
		QTY	P/N	DESCRIPTION	
<b>MCBS60007</b>	<b>Series 60</b>	1	A-23518355	Seal - Crankshaft - Front	
		1	A-23528491	Seal Ring - Cam Thrust Plate	
		1	A-23521894	Seal - Camshaft Thrust Plate	
		1	A-23521935	Seal - Camshaft	
		2	A-8929740	Seal - Block To Gear Case	
		1	A-23522975	Seal	
		1	A-5141452	Seal Ring - Blower	
		1	A-8929253	Ring - Seal Fuel Pump Drive	
		1	A-23520377	Seal - Water Pump	
		1	A-8929299	Gasket - Air Compres Drive Hsg	
		1	A-8929130	Gasket - Tach Drive Cover	
		1	A-23515145	Gasket - Flywheel Hsg - Lg Hole	
		1	A-23516100	Gasket - Power Steering Pump	
		1	A-23505248	Gasket - Fuel Pump	
		1	A-23505249	Coupling - Shock	
1	A-23526038	Seal Ring - Water Pump			

## Oil Cooler Installation Kit

PART NUMBER	ENGINE MODEL	CONTENTS			COMMENTS
		QTY	P/N	DESCRIPTION	
<b>MCBS0060</b>	<b>Series 60</b>	1	A-23506247	Gasket - Oil Cooler Housing	
		1	A-8929289	Ring - Seal - Oil Cooler Housing	
		1	A-23505902	Seal - By Pass Oil Filter	
		3	A-23508392	Seal - Oil Cooler Filter Adapter	

## Engine Overhaul Gasket Sets

PART NUMBER	ENGINE MODEL	CONTENTS	COMMENTS
<b>MCB23512691</b>	<b>Series 60</b>	All parts necessary to replace the gaskets and seals of the cylinder head including the cylinder head gasket, injector o-rings, rocker cover seals, seal stock for jake brake equiped engines, regulator gaskets and seals.	Does Not Include - Rocker Cover Gaskets
<b>MCB471011</b>	<b>4-71</b>	All parts necessary to replace the gaskets and seals of the cylinder head including the cylinder head gasket, injector o-rings, rocker cover seals, seal stock for jake brake equiped engines, regulator gaskets and seals.	4-71 - Ts 14 Scraper

## Re-Ring Engine Kits

\*Re-Ring Kits include; Cylinder Liner, Piston Ring Set, Piston Pin & Retainers, Main Bearings, Rod Bearings, Upper Gasket Set - No Pistons

PART NUMBER	ENGINE MODEL	CONTENTS	COMMENTS
MCIF466E	466E	ESN required to determine usage	ESN 1194039 To My2004
MCB1894140C92	I530	ESN required to determine usage	300Hp
MCB7083126C91			300Hp
MCB1836012C94			250-275Hp
MCB1830718C98			I530 250-275Hp

## Fuel Injector/Pump Installation Kits

PART NUMBER	ENGINE MODEL	QTY	CONTENTS		COMMENTS
			P/N	DESCRIPTION	
MCB46600	DT466/360	1	M-675816C2	Gasket - Pump	Pump and Injector
		6	M-682810C1	Grommet - Cover	
		1	M-680246C1-48	Hose - Return	
		1	M-675609C2	Gasket - Pump	
		4	M-915500R1	1/4" Fuel Line Sleeve	
		1	M-1802452C1	Cap - Injector Return	
		13	M-1802453C1	Clip - Return Hose	
MCB46610	DT466/360	6	M-675477C1	Gasket - Injector Nozzle	Pump Only
		1	M-675816C2	Gasket	
		4	M-915500R1	1/4" Fuel Line Sleeve	
		1	M-675609C2	Gasket	
MCB46620	DT466/360	6	M-265204R1	Line - Tube Sleeve 3/8	Injector Only
		1	M-680246C1-48	Hose - Return	
		1	M-1802452C1	Cap - Return	
		13	M-1802453C1	Clip - Return Hose	
		6	M-675477C1	Gasket - Nozzle	
MCB69100		6	M-682810C1	Grommet - Cover	Pump and Injector
		1	M-680246C1-73.5	Hose - Injector Return	
		18	M-1802453C1	Clip - Return Hose	
		1	MCB69133	Kit - Return Hose Adapter	
		16	M-355966R1	O-Ring - Return	
		8	M-489256C1	Gasket - Copper	
		2	M-134630H1	Line - Tube Sleeve	
		1	M-265204R1	Line - Tube Sleeve 3/8	
		1	M-369384R1	O-Ring - Fuel Inlet	
3	M-28549R1	Bolt - Pump Mounting			
1	M-382781R1	O-Ring - Pump Mounting			

**Injector/Pump Installation Kits (cont.)**

PART NUMBER	ENGINE MODEL	QTY	CONTENTS		COMMENTS
			P/N	DESCRIPTION	
MCB69120		1	MCB69133	Kit - Return Hose Adapter	Injector Only
		1	M-680246C1-73.5	Hose - Return	
		18	M-1802453C1	Clip - Return Hose	
		16	M-355966R1	O-Ring - Return	
		8	M-489256C1	Gasket - Copper	
MCB73100		3	M-28549R1	Bolt - Pump Mounting	7.3L Late Pump and Injector
		1	M-382781R1	O-Ring - Pump Mounting	
		18	M-1811226C1	Clamp - Return Hose	
		6	M-1811230C2	Adapter - Fuel Pump	
		4	M-1811231C2	Adaptor - Fuel Pump	
		16	M-355966R1	O-Ring - Return	
		8	M-489256C1	Gasket - Copper	
		2	M-134630H1	Line - Tube Sleeve	
		1	M-265204R1	Line - Tube Sleeve 3/8	
1	M-369384R1	O-Ring - Fuel Inlet			
MCB69130		16	M-1802453C1	Clip - Return Hose	Injector Only
		16	M-355966R1	O-Ring - Return	
		8	M-489256C1	Gasket - Copper	
MCB73120		16	M-355966R1	O-Ring - Return	Pump and Injector
		1	M-1813259C1	Hose - Injector Return	
		8	M-489256C1	Gasket - Copper	
		6	M-1811230C2	Adapter - Fuel Pump	
		4	M-1811231C2	Adaptor - Fuel Pump	
18	M-1811226C1	Clamp - Return Hose			
MCB73130		16	M-1811226C1	Clamp - Return Hose	Injector Only
		16	M-355966R1	O-Ring - Return	
		8	M-489256C1	Gasket - Copper	

**Fuel Injector O-Ring Kits**

PART NUMBER	ENGINE MODEL	QTY	CONTENTS		COMMENTS
			P/N	DESCRIPTION	
MCBS0008		1	M-F5TZ-9229-B1	Ring - Back-Up	Ford HEUI
		1	M-F5TZ-9229-B2	Ring - Cushion	
		1	M-F5TZ-9229-B3	O Ring	
		1	M-F5TZ-9229-B6	Seal - Lower	
		1	M-F5TZ-9229-B7	Seal - Copper	
		1	M-F5TZ-9229-B8	Seal Ring	
MCBS0530		1	MCBS0530-1	Seal Ring	For use with Injector Codes BD,BF,BG,BI,BJ
		1	MCBS0530-2	Seal Ring - Green	
		1	MCBS0530-3	Seal Ring - Small - Blue	
		1	MCBS0530-4	Seal Ring	

## Crankcase Gasket Set

PART NUMBER	ENGINE MODEL	QTY	CONTENTS		COMMENTS
			P/N	DESCRIPTION	
MCB1815668		1	M-59658D	Gasket - Oil Pan Drain Plug	Package Crankcase
		1	M-1813933C96	Gasket Set - Front Cover	
		1	M-1809964C92	Kit - Crankshaft Seal Rear	
		1	M-675398C1	Gasket - Oil Filter Base	
		1	M-690437C95	Kit - Crankshaft Seal Front	
		1	M-261624R1	Cover - Oil Filter Case	
		1	M-675609C2	Gasket - Injection Pump	
		1	M-673185C1	Seal - O-Ring	
		2	M-675513C1	Gasket - Oil Cooler	
		1	M-677711C2	Gasket - Breather Baffle	
		1	M-682444C1	Seal - Camshaft	
		1	M-682945C3	Gasket - Flywheel Housing	

## Engine Kit Gasket Sets

PART NUMBER	ENGINE MODEL	CONTENTS	COMMENTS
MCB466C	DT466	All parts necessary to replace the gaskets and seals for an overhaul engine service including the cylinder head gasket, injector o-rings, rocker cover seals, as well as all gaskets and seals necessary for component installation	Overhaul Gasket Set
MCB360IF	DT360	All parts necessary to replace the gaskets and seals of the cylinder head including, but not limited to the cylinder head gasket, injector o-rings, rocker cover seals, thermostat and oil pan gaskets.	Inframe Gasket Set
MCB466IF			
MCB1874865C91	DT466E	All parts necessary to replace the gaskets and seals of the lower portion of the engine including, but not limited to the front cover gasket, oil pump gaskets, oil seals front and rear crank seals and oil pan gasket.	Lower Structure
MCB674399	DT466		