

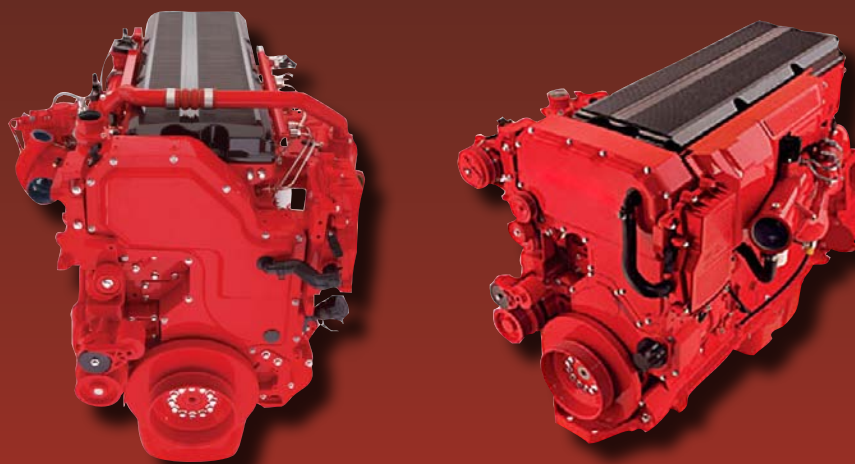


INTERSTATE-McBEE



New Replacement Parts for **CUMMINS®**

ISX-QSX



INTERSTATE-McBEE, LLC

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

® CUMMINS is a registered trademark of Cummins, Inc.



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ISX-QSX

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ISX-QSX CPL LISTING

CPL #	MODEL	IN-FRAME KIT	PISTON KIT	UPPER SET	LOWER SET
1771	ISX1 / ISX2	MCB4309129	MCB2881873	M-4955595	M-4955590
2440	ISX1 / ISX2	MCB4309129	MCB2881873	M-4955595	M-4955590
2441	ISX1 / ISX2	MCB4309129	MCB2881873	M-4955595	M-4955590
2442	ISX3 / Signature	MCB4309130	MCB2881876	M-4955595	M-4955590
2483	ISX3 / Signature	MCB4309130	MCB2881876	M-4955595	M-4955590
2627	ISX1 / ISX2	MCB4309129	MCB2881873	M-4955595	M-4955590
2628	ISX 400/450	MCB4309129	MCB2881873	M-4955595	M-4955590
2629	ISX500/475 ST2	MCB4309129	MCB2881873	M-4955595	M-4955590
2630	ISX3 / Signature	MCB4309130	MCB2881876	M-4955595	M-4955590
2631	ISX 450	MCB4309129	MCB2881873	M-4955595	M-4955590
2632	ISX1 / ISX2	MCB4309129	MCB2881873	M-4955595	M-4955590
2633	ISX3 / Signature	MCB4309130	MCB2881876	M-4955595	M-4955590
2732	ISX 07	MCB2881837	MCB2881879	M-4955596	M-4955591
2733	ISX 07	MCB2881838	MCB2881878	M-4955596	M-4955591
2734	ISX 07	MCB2881838	MCB2881878	M-4955596	M-4955591
2801	ISX3 / Signature	MCB4309130	MCB2881876	M-4955595	M-4955590
2803	ISX1 / ISX2	MCB4309129	MCB2881873	M-4955595	M-4955590
2814	ISX1 / ISX2	MCB4309129	MCB2881873	M-4955595	M-4955590
2816	ISX3 / Signature	MCB4309130	MCB2881876	M-4955595	M-4955590
2825	Industrial / GenSet	MCB2882123	MCB2882120	M-4955595	M-4955590
2834	Signature 600/565	MCB4309130	MCB2881876	M-4955595	M-4955590
2835	Signature 600/565	MCB4309130	MCB2881876	M-4955595	M-4955590
2836	ISX3 / Signature	MCB4309130	MCB2881876	M-4955595	M-4955590
2837	ISX3 / Signature	MCB4309130	MCB2881876	M-4955595	M-4955590
2900	ISX3 / Signature	MCB4309130	MCB2881876	M-4955595	M-4955590
2919	ISX 07	MCB2881838	MCB2881878	M-4955596	M-4955591
2933	ISX1 / ISX2	MCB4309129	MCB2881873	M-4955595	M-4955590
2934	ISX1 / ISX2	MCB4309129	MCB2881873	M-4955595	M-4955590
3087	QSX 07	MCB2882119	MCB2882118	M-4955595	M-4955590
3088	QSX 07	MCB2882119	MCB2882118	M-4955595	M-4955590
8046	ISX 450 ST2	MCB4309129	MCB2881873	M-4955595	M-4955590

*NOTE: The In-Frame kit numbers specified here are for use in engines that were originally built with one piece steel pistons or those that have been already updated to one piece steel pistons. These kits do not include connecting rods.

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ISX-QSX CPL LISTING

CPL #	MODEL	IN-FRAME KIT	PISTON KIT	UPPER SET	LOWER SET
8047	ISX 450 ST2	MCB4309129	MCB2881873	M-4955595	M-4955590
8048	ISX1 / ISX2	MCB4309129	MCB2881873	M-4955595	M-4955590
8081	Industrial / GenSet	MCB2882123	MCB2882120	M-4955595	M-4955590
8083	ISX1 / ISX2	MCB4309129	MCB2881873	M-4955595	M-4955590
8125	ISX2 / ISX3 EGR	MCB4309131	MCB2881878	M-4955596	M-4955591
8142	Industrial / GenSet	MCB2882123	MCB2882120	M-4955595	M-4955590
8242	ISX1 / ISX2	MCB4309129	MCB2881873	M-4955595	M-4955590
8243	ISX1 / ISX2	MCB4309129	MCB2881873	M-4955595	M-4955590
8244	ISX1 / ISX2	MCB4309129	MCB2881873	M-4955595	M-4955590
8246	ISX3 / Signature	MCB4309130	MCB2881876	M-4955595	M-4955590
8247	ISX3 / Signature	MCB4309130	MCB2881876	M-4955595	M-4955590
8255	ISX1 / ISX2	MCB4309129	MCB2881873	M-4955595	M-4955590
8257	ISX1 / ISX2	MCB4309129	MCB2881873	M-4955595	M-4955590
8258	ISX1 / ISX2	MCB4309129	MCB2881873	M-4955595	M-4955590
8281	ISX2 / ISX3 EGR	MCB4309131	MCB2881878	M-4955596	M-4955591
8283	ISX 870 HHP	MCB4309131	MCB2881878	M-4955596	M-4955591
8284	ISX 870 HHP	MCB4309131	MCB2881878	M-4955596	M-4955591
8285	ISX 870 HHP	MCB4309131	MCB2881878	M-4955596	M-4955591
8286	ISX 870 HHP	MCB4309131	MCB2881878	M-4955596	M-4955591
8287	ISX 870	MCB2881886	MCB2881879	M-4955596	M-4955591
8288	ISX 870	MCB2881886	MCB2881879	M-4955596	M-4955591
8518	ISX 870 HHP	MCB4309131	MCB2881878	M-4955596	M-4955591
8519	ISX 870 HHP	MCB4309131	MCB2881878	M-4955596	M-4955591
8520	ISX 870	MCB2881886	MCB2881879	M-4955596	M-4955591
8521	ISX 870 HHP	MCB4309131	MCB2881878	M-4955596	M-4955591
8522	ISX 870 HHP	MCB4309131	MCB2881878	M-4955596	M-4955591
8523	ISX 870	MCB2881886	MCB2881879	M-4955596	M-4955591
8760	QSX 07	MCB2882119	MCB2882118	M-4955595	M-4955590
8761	QSX 07	MCB2882119	MCB2882118	M-4955595	M-4955590
8762	QSX 07	MCB2882119	MCB2882118	M-4955595	M-4955590
8764	QSX 07	MCB2882119	MCB2882118	M-4955595	M-4955590

*NOTE: The In-Frame kit numbers specified here are for use in engines that were originally built with one piece steel pistons or those that have been already updated to one piece steel pistons. These kits do not include connecting rods.

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IN-FRAME KITS

Part #	Qty	Description	Note
MCB4309129	1	O/H Kit - ISX1 / ISX2	
MCB4309130	1	O/H Kit - ISX3 / Signature	
MCB4309131	1	O/H Kit - ISX 870 HHP	
MCB2881886	1	O/H Kit - ISX 870	
MCB2881838	1	O/H Kit - ISX07 871 HHP	
MCB2881837	1	O/H Kit - ISX07 871	
MCB2882123	1	O/H Kit - QSX	
MCB2882119	1	O/H Kit - QSX 07	

IN-FRAME RE-RING KITS

Part #	Qty	Description	Note
MCB4025214	1	Inframe Kit - Re-ring	2pc articulated minus pistons & pins
MCB4955683	1	Inframe Kit - Re-ring	1pc steel non-EGR minus pistons
MCB4955635	1	Inframe Kit - Re-ring	1pc steel EGR minus pistons



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CYLINDER COMPONENTS

Part #	Qty	Description	Note
MCB2881873	6	Piston Kit - ISX1 / ISX2	
MCB2881876	6	Piston Kit - ISX3 / Signature	
MCB2881878	6	Piston Kit - ISX 870/1 HHP	
MCB2881879	6	Piston Kit - ISX 870/1	
MCB2882120	6	Piston Kit - QSX	
MCB2882118	6	Piston Kit - QSX 07	
M-4089154	6	Ring Set	2pc articulated piston
M-2881682	6	Ring Set	1pc steel piston
M-4923748	6	Piston Pin	1pc steel piston
M-3064305	12	Piston Pin Retainer	
M-4089153	6	Liner Kit	Includes seal ring
M-3678738	6	Liner Seal Ring	
M-3412860	6	Piston Cooling Nozzle	1pc piston block located type
M-3687058	6	Piston Cooling Nozzle	1pc piston liner located type
M-4059429	6	Connecting Rod	Drilled
M-3678574	24	Connecting Rod Bolt	

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PISTON AND ENGINE KIT INTERCHANGE

Model	Piston	Piston Kit	Engine Kit	MCB Piston Kit	MCB Engine Kit
ISX1 ISX2	4101478	2881873	2881871	MCB2881873	MCB4309129
	4101877	4089411	2881872		
	4920308	4089586	4089890		
	4923725	4089896	4309129		
		4955966	4955597		
			4955683		
ISX3 Signature	4101479	2881876	2881874	MCB2881876	MCB4309130
	4101878	4089413	2881875		
	4920309	4089587	4089891		
	4923746	4089897	4309130		
		4955967	4955598		
			4955684		
ISX870 HHP ISX07 871 HHP	2882631	2881878	2881881	MCB2881878	MCB4309131
	3684467	4089409	2881882		
	4059397	4089584	4089893		
	4101875	4089894	4309131		
	4920306	4955923	4955600		
	4923743		4955635		
ISX870 ISX07 871	3684472	2881879	2881886	MCB2881879	MCB2881886
	2882630	4955968	4955636		
QSX	3681665	2882120	2882123	MCB2882120	MCB2882123
	4059241	4089415	4089496		
	4059345	4089585	4089892		
	4923744	4089895	4955599		
	4298992				
QSX07	3104186	2882118	2881839	MCB2882118	MCB2882119
	4298991	4955227	2882119		

CAUTION: The Interstate-McBee piston kits above must be used in full engine sets and cannot be mixed in an engine.

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ENGINE BEARINGS

Part #	Qty	Description	Note
M-4089405	6	Connecting Rod Bearing	STD drilled rod
M-4090016	6	Connecting Rod Bearing	.25mm OS drilled rod
M-4090017	6	Connecting Rod Bearing	.5mm OS drilled rod
M-4089139	6	Connecting Rod Bearing	STD non-drilled rod only
M-3800298	1	Main Bearing Set	STD
M-4089845	1	Main Bearing Set	.25mm OS
M-4089846	1	Main Bearing Set	.5mm OS
M-4995001	1	Cam Bushing Set	STD bushings for one head
M-3680580	4	Injector Camshaft Bushing	
M-3680581	3	Injector Camshaft Bushing	
M-4026423	7	Valve Camshaft Bushing	
MCB7105	4	Injector Camshaft Bushing	1.0mm OS
MCB7106	3	Injector Camshaft Bushing	1.0mm OS
MCB7104	7	Valve Camshaft Bushing	1.0mm OS
M-4059448	6	Connecting Rod Bushing	Drilled rods
M-3678574	24	Connecting Rod Bolt	

GASKETS SETS

Part #	Qty	Description	Note
M-4955595	1	Upper Gasket Set	Non-EGR engines
M-4955596	1	Upper Gasket Set	EGR engines
M-2881767	1	Upper Gasket Set	HPCR engines
M-4955590	1	Lower Gasket Set	Non-EGR engines
M-4955591	1	Lower Gasket Set	EGR engines
M-2881766	1	Lower Gasket Set	HPCR engines
MCBISXINJ	6	Injector O-ring Kit	External seals

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CRANKSHAFT SEALS & DAMPER

Part #	Qty	Description	Note
M-4955383	1	Front Seal Kit	
M-4965569	1	Rear Seal Kit	
M-4101884	AR	Vibration Damper	1 or 2 per unit

CYLINDER HEAD COMPONENTS

Part #	Qty	Description	Note
M-4965868	12	Intake Valve	
M-3104445	12	Intake Seat	
M-4101454	12	Exhaust Valve	
M-3679537	12	Exhaust Seat	ISX570 / QSX570 / power gen
M-3679659	12	Exhaust Seat	ISX870 / QSX07
M-3683349	12	Exhaust Seat	ISX07
M-3680883	48	Valve Lock	
M-4026657	24	Valve Guide	
M-4026660	12	Valve Stem Seal - Intake	ISX570
M-4026791	12	Valve Stem Seal - Exhaust	ISX570
M-4026791	24	Valve Stem Seal - Int & Ex	ISX870 & up
M-3679551	24	Valve Spring	
M-4965891	24	Valve Spring	QSX570
M-3680884	24	Valve Spring Retainer	
M-3680318	24	Valve Spring Seat	
MCB3680873	6	Injector Tube Kit	Includes M-3678536 seal ring
M-3680580	4	Injector Camshaft Bushing	
M-3680581	3	Injector Camshaft Bushing	
M-4026423	7	Valve Camshaft Bushing	
MCB7105	4	Injector Camshaft Bushing	1.0mm OS
MCB7106	3	Injector Camshaft Bushing	1.0mm OS
MCB7104	7	Valve Camshaft Bushing	1.0mm OS

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COOLING SYSTEM

Part #	Qty	Description	Note
M-4973372	2	Thermostat 160°	ISX1/2
M-4973373	2	Thermostat 180°	ISX1/2
M-4973374	2	Thermostat 190°	ISX1/2
M-4973372	1	Thermostat 160°	ISX02 & up
M-4973373	1	Thermostat 180°	ISX02 & up
M-4973374	1	Thermostat 190°	ISX02 & up
M-186780	AR	Thermostat Seal	
M-4089908	1	Water Pump	ISX1/2 10 groove pulley
M-4089909	1	Water Pump	QSX15
M-4089910	1	Water Pump	ISX02 12 groove pulley

EXHAUST SYSTEM

Part #	Qty	Description	Note
M-4965698	12	Exhaust Manifold Bolt	

GASKETS

Part #	Qty	Description	Note
M-4965690	1	Air Comp. Mtg Gasket	
M-3680284	1	ECM Isolator / Gasket	CM570
M-3682577	1	ECM Isolator / Gasket	CM870
M-3682066	1	EGR Mixer Seal	
M-3682177	1	EGR Mixer Seal	
M-4907448	1	Exhaust Manifold Gasket	
M-4907447	4	Exhaust Manifold Gasket	
M-3682940	1	Exhaust Manifold Gasket	ISX02
M-3682710	4	Exhaust Manifold Gasket	ISX02
M-4965688	1	Flywheel Housing Gasket	To block
M-3026134	1	Flywheel Housing Gasket	Access cover
M-4962721	1	Front Cover Gasket	Upper - Seal strip
M-4962722	1	Front Cover Gasket	Lower - Seal strip
M-4985562	1	Gear Housing Gasket	To block
M-3678770	1	Intake Connection Gasket	
M-3066211	1	Intake Connection Seal	
M-3033247	1	Intake Connection Seal	ISX02
M-4973532	4	Oil Cooler Core Gasket	
M-4955592	1	Oil Cooler Housing Gasket	
M-3678606	1	Oil Pan Drain Plug Seal	
M-4026684	1	Oil Pan Gasket	
M-3678756	1	Oil Pickup Tube Seal	
M-3680602	1	Thermostat Cover Gasket	
M-3682673	1	Thermostat Cover Gasket	ISX02
M-3684336	1	Thermostat Housing Gasket	
M-3678602	2	Thermostat Housing O-ring	
M-186780	2	Thermostat Seal	
M-186780	1	Thermostat Seal	ISX02
M-3680324	1	Turbo Flange Gasket	
M-3101268	1	Turbo Flange Gasket	ISX02

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GASKETS CONT'D

Part #	Qty	Description	Note
M-4026884	1	Turbo Mounting Gasket	
M-3102314	1	Turbo Mounting Gasket	ISX02
M-3679139	1	Turbo Oil Supply O-ring	
M-3066211	1	Turbo Outlet Seal	
M-3682177	1	Turbo Outlet Seal	ISX02
M-3054608	2	Turbo Regulator Solenoid	
M-4026507	1	Valve Cover Gasket	
M-3104392	1	Valve Cover Gasket	ISX07
M-3678724	1	Water Pump O-ring	

ENGINE CONTROL SYSTEM

Part #	Qty	Description	Note
M-3680284	1	ECM Isolator / Gasket	CM570
M-3682577	1	ECM Isolator / Gasket	CM870
M-4076493	1	Sensor - Pressure	Ambient air
M-4921473	1	Sensor - Press/Temp	Intake manifold
M-4921475	1	Sensor - Press/Temp	Oil
M-4921495	1	Sensor - Pressure	Fuel
M-4921499	1	Sensor - Pressure	Fuel
M-4921599	2	Sensor - Position	Cam & crank
M-4954905	1	Sensor - Temperature	Coolant/oil/fuel
M-4024808	1	Fuel Solenoid Kit	
M-4952629	1	Oil Cooler Thermostat	

INTERSTATE-MCBEE, LLC LIMITED EXTENDED WARRANTY

• Engine Parts – U.S.A. and Canada

COVERAGE

Diesel Engine

New engine parts furnished by Interstate-McBee are warranted to be free from defects in material and workmanship under normal use and service for a period of twenty-four (24) months from the date of installation, without mileage or hour limitation. This warranty applies to all owners in the chain of distribution, i.e. distributor, dealer, original owner, until the end of the respective periods of coverage and shall not apply to subsequent owners.

Natural Gas or Methane Engine and Prime Power Generation

New engine parts furnished by Interstate-McBee are warranted to be free from defects in material and workmanship under normal use and service, for a period of twelve (12) months from the date of installation. This warranty applies to all owners in the chain of distribution, i.e. distributor, dealer, original owner, until the end of the respective periods of coverage and shall not apply to subsequent owners.

Castings

Cylinder head and cylinder block castings are warranted for 12 months from date of installation; part replacement only, no progressive damage, no labor.

Fuel Injection parts and countries not included here-in are covered under a separate warranty titled "Interstate-McBee, LLC LIMITED General Products warranty." This warranty does not apply to parts provided by Interstate-McBee on a no-charge basis. In no event shall this warranty extend beyond thirty (30) months from date of sale or manufacture.

INTERSTATE-MCBEE RESPONSIBILITIES

Interstate-McBee will pay only for parts and labor needed to repair damages directly resulting from an above defined warranty failure to the functional condition existing immediately prior to the failure, including progressive damage to the engine in which the warrantable part was installed, provided Interstate-McBee's inspection of said failed part or parts discloses to our satisfaction to have been defective. Labor cost will be paid in accordance with published labor rates, but not to exceed reasonable flat rates times nor Interstate-McBee's standard hourly rate. No overtime or holiday rates will be allowed. Only new or rebuilt Interstate-McBee or Interstate-McBee approved parts will be used in making the repair.

OWNER'S RESPONSIBILITIES

Owner is responsible for the operation and maintenance of the engine as specified in the APPLICABLE O.E.M. OPERATION AND MAINTENANCE MANUALS. Owner must give notice within (30) days of any suspected failure and before expiration of applicable warranty to be considered warrantable. Owner will provide alleged defective and associated parts for examination by Interstate-McBee and, if requested, return same F.O.B. Cleveland, Ohio. Interstate-McBee further reserves the right to examine any engine subject to a claim under this warranty. Approved warranty work is to be performed by an authorized Interstate-McBee Distributor or Dealer or other Interstate-McBee approved facility. Owner is responsible for all costs, including, but not limited to, repairs made to items other than the engine in which the parts are installed, "downtime" expenses and all business costs and losses resulting from a warrantable failure. OWNER MUST GET AUTHORIZATION FROM INTERSTATE-MCBEE'S WARRANTY ADMINISTRATOR (ALONG WITH A RETURN MATERIAL AUTHORIZATION FORM) PRIOR TO FILING A WARRANTY CLAIM WITHIN SAID WARRANTY PERIOD

WARRANTY LIMITATIONS

Interstate-McBee is not responsible for failure resulting from owner or operator abuse or neglect, such as, but not limited to: operation without adequate coolant, fuel or lubricants; overfueling; overspeeding; lack of maintenance of lubricating, coolant or air intake systems; improper storage, starting, warm-up, run-in or shut down practices. Interstate-McBee is not responsible for failures resulting from improper repair or installation, for parts that have been altered or for parts not approved by Interstate-McBee. This warranty does not apply to parts furnished on a no charge basis. Interstate-McBee does not warrant parts supplied by Interstate-McBee which bear the name and or trademark of another company. These parts are warranted by their manufacturers and not by Interstate-McBee. In no event shall this warranty extend beyond (30) months from the date of sale. THERE ARE NO WARRANTIES EXPRESSED, IMPLIED OR STATUTORY, FOR THE PARTS NAMED HEREIN BEFORE, MADE BY INTERSTATE-MCBEE OTHER THAN SET FORTH HEREIN. We neither assume nor authorize any other persons to assume for us any other liability in connection with our products. INTERSTATE-MCBEE SHALL NOT BE RESPONSIBLE FOR ANY OTHER CONSEQUENTIAL DAMAGES OR CONTINGENT LIABILITIES. Further, in no event shall Interstate-McBee bear any responsibility for any damages, which exceed the then available aggregate coverage provided under the terms and conditions of its product liability policy. Fuel Injection parts and countries not included here-in are covered under a separate warranty titled "Interstate-McBee, LLC LIMITED General Products warranty."

This warranty for the U.S.A. & Canada shall be interpreted, governed and enforced in accordance with the laws of the State of Ohio, U.S.A. (For products not covered herein, see Interstate-McBee's General Product Warranty.) Any actions or proceedings relating to this warranty must be filed or commenced within three (3) months of the alleged breach. If any of these warranty provisions or portions thereof prohibited by law or by any court of competent jurisdiction, in any locality, its invalidity or unenforceability shall not affect the validity or enforceability of any other warranty provisions or portions thereof. This warranty applies to parts sold by Interstate-McBee on or after August 2007.

U.S.A. Presidential Award



For Excellence in Export



INTERSTATE-McBEE



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Serving the diesel industry since 1947 with quality fuel injection and engine parts.