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January 24, 2006

TO: FLLC Dealers

FROM: Parts Sales and Marketing

SUBJECT: **Updated MBE4000 & MBE 900 reliabilt® Warranty Replacement Long Blocks, 3/4 Engine Assemblies and POWER Choice Complete Engines****PRODUCT GENERAL INFORMATION**

MBE 900 & MBE4000 EGR & Non-EGR products now available:

- Warranty long blocks
- $\frac{3}{4}$ engine assemblies
- Complete engines

MBE 4000 Warranty Long Blocks, $\frac{3}{4}$ Engine Assemblies and Complete Engines

Part Numbers	MBE4000 –NON-EGR Warranty Long Block
R23533388W	MBE4000 NON-EGR Manual Housing Freightliner
R23533389W	MBE4000 NON-EGR Auto Housing Freightliner
R23533396W	MBE4000 NON-EGR Manual Housing Sterling
R23533397W	MBE4000 NON-EGR Auto Housing Sterling
R23533398W	MBE4000 NON-EGR Manual Housing Western Star
R23534751W	MBE4000 NON-EGR Manual Housing Australian Spec
	MBE4000 – EGR Warranty Long Block
R23534758W	MBE4000 EGR Manual Housing Freightliner
R23534759W	MBE4000 EGR Auto Housing Freightliner
R23534760W	MBE4000 EGR Manual Housing Sterling
R23534761W	MBE4000 EGR Auto Housing Sterling
R23534762W	MBE4000 EGR Manual Housing Western Star
	MBE4000 – NON-EGR $\frac{3}{4}$ Engines
R23533390	MBE4000 NON-EGR Manual Housing Freightliner
R23533391	MBE4000 NON-EGR Auto Housing Freightliner
R23534857	MBE4000 NON-EGR Manual Housing Sterling
R23534858	MBE4000 NON-EGR Auto Housing Sterling
R23533394	MBE4000 NON-EGR Manual Housing Western Star
R23534752	MBE4000 NON-EGR Manual Housing Australian Spec
	MBE4000 – EGR $\frac{3}{4}$ Engines
R23534763	MBE4000 EGR Manual Housing Freightliner
R23534764	MBE4000 EGR Auto Housing Freightliner
R23534765	MBE4000 EGR Manual Housing Sterling
R23534766	MBE4000 EGR Auto Housing Sterling
R23534767	MBE4000 EGR Manual Housing Western Star

MBE 4000 Warranty Long Blocks, ¾ Engine Assemblies and Complete Engines

New Part Numbers	MBE904 - Warranty Long Block
R23534481W	MBE904 NON-EGR w/o Constant Throttle # 3 F/W HOUSING
R23534482W	MBE904 NON-EGR Constant Throttle # 3 F/W HOUSING
R23534483W	MBE904 NON-EGR w/o Constant Throttle # 2 F/W HOUSING
R23534484W	MBE904 NON-EGR Constant Throttle # 2 F/W HOUSING
	MBE904 - 3/4 Engines
R23534488	MBE904 NON-EGR w/o Constant Throttle # 3 F/W HOUSING
R23534489	MBE904 NON-EGR Constant Throttle # 3 F/W HOUSING
R23534490	MBE904 NON-EGR w/o Constant Throttle # 2 F/W HOUSING
R23534491	MBE904 NON-EGR Constant Throttle # 2 F/W HOUSING
	MBE906 - Warranty Long Block
R23534280W	MBE906 NON-EGR w/o Constant Throttle # 3 F/W HOUSING
R23534478W	MBE906 NON-EGR Constant Throttle # 3 F/W HOUSING
R23534479W	MBE906 NON-EGR w/o Constant Throttle # 2 F/W HOUSING
R23534480W	MBE906 NON-EGR Constant Throttle E # 2 F/W HOUSING
	MBE906 - 3/4 Engines
R23534275	MBE906 NON-EGR w/o Constant Throttle # 3 F/W HOUSING
R23534485	MBE906 NON-EGR Constant Throttle # 3 F/W HOUSING
R23534486	MBE906 NON-EGR w/o Constant Throttle # 2 F/W HOUSING
R23534487	MBE906 NON-EGR Constant Throttle # 2 F/W HOUSING

Refer to the DDC Electronic Parts Catalog for configuration of your existing model.

Warranty Long Block and ¾ Contents (where applicable to MBE4000 & MBE 900)

Component	Warranty Long Blocks	¾ Engine	Component	Warranty Long Blocks	¾ Engine
5th Valve Cap	x	x	Oil Pan	x	x
5th Valve Plunger	x	x	Oil Pump	x	x
Cam Followers	x	x	Oil Sensor	x	x
Camshaft	x	x	Pick-up Tube	x	x
Constant Throttle Line	x	x	Push Rods		x
Crankshaft	x	x	Rear Lift Bracket	x	x
Cylinder Block	x	x	Rocker Arm Stands		x
Cylinder Heads	x	x	Rocker Arms		x
Cylinder Kits	x	x	Rocker Covers	x	x
EUP's		x	Sensors in F/W Hsg		x
Flywheel	x	x	Thermostat Housing		x
Flywheel Housing	x	x	Thermostats		x
Fuel Nozzles		x	Upper Front Cover	x	x
Fuel Pipes		x	Valve Bridges		x
Fuel Sensors		x	Vibration Damper	x	x
Gears	x	x	Water Plate	x	x
Lower Front Cover	x	x	Water Pump		x
Oil Cooler & Housing	x	x	Water Sensors		x
Oil Nozzles	x	x	Wiring		x

POWER Choice engines are also available for the MBE4000 & MBE 900 engine. To receive a quote with lead-time information, reference an existing unit serial number.

MBE4000 " POWER Choice " units		
R23534723	Non-EGR	OUTRIGHT
R23534724	Non-EGR	EXCHANGE

MBE900 " POWER Choice " units		
R23534725	MBE904 Non-EGR Constant Throttle	OUTRIGHT
R23534727	MBE904 Non-EGR Without Constant Throttle	OUTRIGHT
R23534729	MBE906 Non-EGR Constant Throttle	OUTRIGHT
R23534731	MBE906 Non-EGR Without Constant Throttle	OUTRIGHT
R23534726	MBE904 Non-EGR Constant Throttle	EXCHANGE
R23534728	MBE904 Non-EGR Without Constant Throttle	EXCHANGE
R23534730	MBE906 Non-EGR Constant Throttle	EXCHANGE
R23534732	MBE906 Non-EGR Without Constant Throttle	EXCHANGE
R23535713	MBE904 EGR without constant throttle	EXCHANGE
R23535714	MBE906 EGR without constant throttle	EXCHANGE
R23535715	MBE904 EGR with constant throttle	EXCHANGE
R23535716	MBE906 EGR with constant throttle	EXCHANGE

ADDITIONAL INFORMATION

- Warranty long block assemblies should only be used for covered repairs during the engine's warranty or P-3 period when the block and/or crankshaft require replacement.
- Components used in warranty or P-3 repairs assume the identity of the original equipment, therefore the warranty of the long block assemblies is the remaining period of time left in the base engine warranty and/or extended service contract.
- MBE4000 warranty long block assemblies are not covered by the standard DDC or new parts warranty and should not be sold to customers.
- Each warranty long block will include a core charge.
 - Warranty cores returned for credit must include a valid Detroit Diesel claim number on the CMCS packing slip.
 - If a core is returned without a valid warranty claim number number, \$2,000 will be withheld from the core credit.
 - If the core is missing components, the core credit will be subject to additional deductions as outlined in the **reliabilt®** core acceptance criteria.

ORDERING INFORMATION

Warranty long blocks and $\frac{3}{4}$ engines should be ordered through normal means. **POWER Choice** engines should be ordered as follows:

- 1) Freightliner dealer determines the part numbers needed to order
- 2) Freightliner dealer must provide serial number of engine they are removing
- 3) Freightliner dealers place order through COOP or Paragon
- 4) Freightliner dealers fill out **POWER Choice** order form and fax it to the FLLC dealer group at the Canton PDC @ 330-430-4362

CONTACT INFORMATION

Please make sure all affected areas of your organization receive a copy of this letter.

Contact the Detroit Diesel Customer Support Center at 313-592-5800 or your service location's parts field sales representative for more information.