

**No.: AP2007-033**

July 21, 2007

TO: FLLC Dealers

FROM: Parts Sales & Marketing

SUBJECT: **reliant® ¾ Engine Program –
Reman Engines Ready for Immediate Shipment**

GENERAL INFORMATION

Detroit Diesel Parts Sales and Marketing is proud to announce a Reman engine stocking program. Responding to increased customer demand for shorter engine lead times, Detroit Diesel has decided to increase FLLC PDC inventory levels and regularly stock Reman engines. ¾ and Warranty Long Block engine orders benefit from the following:

- Engines in stock can be shipped on your next stock truck
- Customers receive factory quality
- Customers benefit from peace of mind of a 3-year 300,000 mile warranty when ¾ engines are purchased as a Step 4

Engines temporarily out of stock can be replenished more quickly than ever before. Significant improvements in Detroit Diesel Remanufacturing processes have reduced lead times on Warranty Long Block and ¾ engines to 3-4 working days. Therefore, customers have two great options to get engines quickly:

- Ship from our facilities in 3-4 working days
- In-stock engines can be shipped on your next stock truck

Be sure to let your customers know about the improved ¾ engine availability when they are asking for a Step 4 in the StepUP Overhaul program.

For further information, please refer to the attached ¾ Engine Program bulletin.

PART NUMBERS

The following part numbers will be regularly stocked in the 7 FLLC PDCs:

Part Number	Description
R23535338W	REMAN LONG BLOCK WARRANTY EGR 14L 6067HV6E TRUCK
R23533392W	LONG BLOCK 6067MK6E
R23526528J	ENGINE S60 12.7L 3/4 ENG DDEC IV W/JAKE
R23535339W	REMAN LONG BLOCK WARRANTY EGR 12L 6067MV6E TRUCK
R23520144J	ENGINE S60 12.7L 3/4 DDEC III 365-430HP W/JAKE
R23520144	ENGINE S60 12.7L 3/4 DDEC III 365-430HP
R23533393W	LONG BLOCK 6067HK6E
R23526528	ENGINE S60 12.7L 3/4 ENG DDEC IV TRUCK
R23524561J	ENGINE S60 12.7L 3/4 DDEC IV W/JAKE
R23524561	ENGINE S60 12.7L 3/4 DDEC IV
R23526056J	ENGINE S60 12.7L 3/4 DDEC IV W/JAKE
R23520152	ENGINE S60 12.7L 3/4 DDEC III 470-500HP
R23530124J	ENGINE KIT S60 ¾ 12.7L DDEC IV 6067MK60 W/JAKE BRAKE
R23531480W	LONG BLOCK 6067BK60 W/23528309 CAM
R23531394W	REMAN WARRANTY LONG BLOCK 6067MK60 W/23524912 CAM
R23526056	ENGINE S60 12.7L 3/4 DDEC IV
R23531479W	LONG BLOCK 6067BK60 W/23524912 CAM
R23531395W	REMAN WARRANTY LONG BLOCK 6067MK60 W/23528309 CAM
R23520152J	ENGINE S60 12.7L 3/4 DDEC III 470-500HP W/JAKE
R23526456	ENGINE S60 12.7L 3/4 DDEC III 1650 430-500HP
R23526057	ENGINE S60 12.7L 3/4 DDEC IV
R23520150	ENGINE S60 12.7L 3/4 DDEC III COACH
R23530169J	ENGINE S60 3/4 W/JAKE 12.7L DDEC IV 6067BK60
R23531056J	ENGINE S60 6067BK60 3/4 W/JAKE BRAKES
R23531055	ENGINE S60 6067MK60 3/4 JAKE BRAKE 790 READY
R23526456J	ENGINE S60 12.7L 3/4 DDEC III 1650 430-500HP W/JAKE
R23533388W	REMAN WARRANTY LONG BLOCK MBE4000 FL FRONT SUMP 9GV PULLEY
R23534758W	REMAN LONG BLOCK EGR MBE4000 MANUAL HSG FREIGHTLINER
R23529516	ENGINE S60 12.7L DDEC IV 6067MK60

THE **reliabilt**® ¾ ENGINE PROGRAM

Does your customer want a complete replacement engine but does not have the 2-4 weeks it may take to wait for a Power Choice? Is your customer trying to decide between an overhaul or a swing engine, but leaning towards an overhaul due to the perceived time it will take to get the swing engine from “the factory”?

The **reliabilt** ¾ engine is the solution.

A ¾ engine is the ideal choice for replacing older worn out engines. While overhauling the engine is a valid option, in some cases it is not the best. For example, if an engine has over one million miles, it will not qualify for extended warranties under the StepUP program. Additionally, if an engine has a hole in its block, an overhaul is not possible. Finally, the possibility of hidden damage to the block increases on older engines with higher mileage. Sometimes, replacement is just the best option.

A ¾ ENGINE CAN BE CONVERTED TO A POWERCHOICE!†

reliabilt ¾ ENGINE ASSEMBLY INCLUDES	COMPONENTS NEEDED TO CONVERT A ¾ ENGINE TO A POWER CHOICE*†
Cylinder block complete with all internal components	Intake manifold
Timing gear train	Exhaust Manifold
Flywheel housing	Turbocharger
Fuel injectors	Air compressor
Oil pan	ECM with sensors and harness
Front motor mount	Complete fuel system
Complete cylinder head assembly	Flywheel
Rocker cover	Any optional equipment
Oil distribution system	
Water pump	

* These components can be swapped with the customer's existing components, or purchased as new or **reliabilt** components.

† If components are swapped from old engine, extended warranty does not apply on swapped components.

COMPONENT(S)	3 YR/300,000 MI	1 YR/100,000 MI
STEP 4 - ¾ ENGINE		
Cyl. Block complete with all internal components	✓	
Timing gear train	✓	
Flywheel housing	✓	
Front motor mount	✓	
Complete Cyl. Head assembly	✓	
Rocker Cover	✓	
Oil Distribution system	✓	
Oil Pan	✓	
Water pump	✓	
Fuel Injectors		✓
Electronic Componentry		✓
Seals		✓
Gaskets		✓
Maintenance Items		✓
STEP 4 POWER CHOICE ADDITIONS (INCLUDES ALL OF STEP 4 - ¾ ENGINE COMPONENTS PLUS)		
Intake Manifold	✓	
Exhaust Manifold	✓	
Complete fuel system	✓	
Flywheel	✓	
Turbocharger	✓	
DDEC ECM complete with sensors and harness		✓
ACCESSORIES		
Air Compressor		✓
Generator		✓
Alternator		✓
Starter		✓
Hydraulic Pump		✓
Vacuum Pump		✓
Braking Devices		✓

¾ ENGINES SOLD AS STEP 4 GET A 3 YR/300,000 MILE WARRANTY!

The normal warranty on a standalone ¾ engine is 1 year/100,000 miles. However, when sold as a Step 4 in the StepUP program and installed by an authorized service center, a 3 year/300,000 mile warranty is included at no added cost.

This extended warranty applies to new or **reliabilt** components, such as the manifolds, turbo, or air compressor, purchased to “trim out” the ¾ engine.

The extended warranty does not apply to wearout items including injector assemblies, electronic componentry, braking devices, accessories, seals, gaskets and maintenance items. Wear items are covered by the initial 1 year/100,000 warranty.

The additional coverage numbers can be found under the warranty section in the Detroit Diesel Extranet.

The matrix to the left can help explain the warranty coverage.



**GENUINE PARTS.
EXPERT SERVICE.**

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¾ ENGINES ARE AVAILABLE IN STOCK!

Responding to increased customer demand for shorter engine lead times, Detroit Diesel has decided to regularly stock Reman engines.

- Engines in stock can be shipped same or next day
- Customers receive factory quality
- Customers benefit from the peace of mind of a 3 year/300,000 mile warranty

The following part numbers will be regularly stocked in the PDC network:

PART NUMBER	DESCRIPTION
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R23530124J	ENGINE KIT S60 ¾ 12.7L DDEC IV 6067MK60 W/JAKE BRAKE
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SELLING TIPS

- Power is restored to like-new performance
- Engine is tested at Reman facility on factory specified dynameters using new engine testing parameters
- Horsepower upgrades may be possible depending on current vehicle equipment
- All components in **reliabilt®** Replacement Engines are updated with the latest Detroit Diesel design and engineering specs
- The 3-year/300,000 mile Power Protection Plan assures dependable operation
- Reman engines are backed by Detroit Diesel's extensive network of Authorized Service Locations
- Cylinder blocks are restored to "blueprint specifications"
- Major castings are refurbished and all corrosion is removed
- Detroit Diesel Reman engines can often be installed in vehicles originally equipped with a different engine

Engines temporarily out of stock can be replenished more quickly than ever before. Significant improvements in Detroit Diesel Remanufacturing processes have reduced lead times on ¾ engines to 3-4 working days. Therefore, customers have two great options to get engines quickly:

- Direct ship from DDR Facilities in 3-4 working days
- In-stock engines same or next day

¾ ENGINES ARE THE GENUINE SOLUTION



**GENUINE PARTS.
EXPERT SERVICE.**

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