No.: 13 TS-1
January 4, 2013

TO: Service Locations

FROM: Service Operations

SUBJECT: **Debris in Exhaust or EGR System**

ISSUE

There are times when metal debris can enter the exhaust and EGR systems during an engine component failure. This debris, if not removed, can cause further damage to the engine. Additionally, parts in the exhaust and EGR systems may be damaged during the initial failure and must be inspected.

Failures that may introduce debris into the exhaust or EGR systems can be, but are not limited to:

- Intake valve failure
- Exhaust valve failure
- Valve seat failure
- Injector tip failure
- Turbocharger exhaust turbine wheel failure
- EGR valve failure
- Piston dome failure

The EGR cooler must be replaced every time there is a failure that results in metal in the exhaust or EGR systems. The turbine wheel of the turbocharger must be visually inspected for damage. The APT (axial power turbine), if equipped, must also be inspected for damage. The exhaust manifold, interstage duct (if equipped), intake manifold and entire EGR system must be inspected, and cleaned, as necessary. Refer to Power Service Literature for inspection and cleaning procedures.

CONTACT INFORMATION

Please contact the Detroit Diesel Customer Support Center at (800) 445-1980 or email csc@daimler.com if you have any questions.