



Service Information Bulletin

NUMBER: 3 8-09 **S.M. REF.:** Listed in Table **ENGINE:** DD Series **DATE:** March 2009

SUBJECT: SPN 2659

ADDITIONS, REVISIONS, OR UPDATES

Publication Number	Platform	Section Title	Change	Page Number(s)
DDC-SVC-MAN-0029	DD Series Troubleshooting Manual	97.2 SPN 2659/FMI 1	Step One has been added.	97-2

NOTE: Page numbers are based on the most recent version of the individual publication and may be adjusted throughout the annual print cycle.

SPN 2659/FMI 1

The code is typically an EGR flow target error (low flow).

Check as follows:

1. Remove EGR cooler hot pipe, EGR crossover pipe and delivery pipe then inspect the cooler inlet and outlet for excessive build up or blockage.
 - [a] If excessive build up or blockage is found, clean piping and replace EGR cooler.
 - [b] If there is no excessive build up or blockage, go to the next step.
2. Inspect the EGR delivery pipe for external leaks.
 - [a] If leaks are found, repair as necessary. Verify repairs.
 - [b] If no leaks are found, go to the next step.
3. Inspect the Delta P pressure tubes for damage or plugging.
 - [a] If damage or plugging is found, repair as necessary. Verify repairs.
 - [b] If no damage is found, go to the next step.
4. Remove the EGR Delta P Sensor and inspect the O-rings for damage.
 - [a] If the O-rings are damaged, repair as necessary. Verify repairs.
 - [b] If no damage is found, go to the next step.
5. Inspect the EGR valve for physical damage (broken butterfly).
 - [a] If the EGR valve is damaged, replace the EGR valve. Verify repairs.
 - [b] If no damage is found, replace the EGR Delta P Sensor. Verify repairs.



ADDITIONAL SERVICE INFORMATION

Additional service information is available in *Power Service Literature*.

DETROIT DIESEL
CORPORATION



13400 Outer Drive, West / Detroit, Michigan 48239-4001
Telephone: 313-592-5000
www.detroitdiesel.com