



## Service Information Bulletin

**NUMBER:** 10 8-09    **S.M. REF.:** Listed in Table    **ENGINE:** ATS All    **DATE:** October 2009

**SUBJECT:** SPN 3480

### ADDITIONS, REVISIONS, OR UPDATES

Publication Number	Platform	Section Title	Change	Page Number(s)
DDC-SVC-MAN-0036	All	16.1 SPN 3480/FMI 1	SPN has been revised	Insert where section states

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

## SPN 3480/FMI 1

Check as follows:

1. Connect DDDL 7.04 or higher.
2. Is SPN 4077 FMI 14 also present (active or inactive)?
  - [a] Yes; repair 4077 FMI 14 first.
  - [b] No; go to step 3.

### NOTE:

One fuel drip may cause failure.

 <b>WARNING:</b> <b>ENGINE EXHAUST</b>
<b>To avoid injury from inhaling engine exhaust, always operate the engine in a well-ventilated area. Engine exhaust is toxic.</b>

3. Visually inspect all fuel line connections to the HC Doser Block assembly and the Fuel Injection Valve for leaks.
4. Start engine.

### NOTE:

Run routine only once.

5. Using DDDL 7.X, perform the Doser Fuel Line Purge Service Routine.
6. Once fuel cutoff goes to 100%, begin monitoring the fuel compensation pressure.

### NOTE:

The pressures listed in this procedure for Fuel Compensation Pressure are absolute pressures, which is gauge pressure plus approximately 100 kPa (14.5 psi).

- [a] If the Fuel Compensation Pressure is less than 69 kPa (10 psi ), shut down engine, replace the fuel compensation pressure sensor and go to step 7.
- [b] If the Fuel Compensation Pressure is 69 - 655 kPa (10 - 95 psi ), perform a low fuel pressure test; refer to section listed under Table References “No or Low Fuel Pressure Test”. Make repairs as needed and go to step 9.

Engine	Publication Title	Publication Number	Reference
Series 60	EPA07 Series 60 DDEC VI Troubleshooting Manual	DDC-SVC-MAN-0009	Refer to section
DD Platform	DD13/DD15 Troubleshooting Manual	DDC-SVC-MAN-0029	Refer to section
MBE 4000	EPA07 MBE 4000 DDEC VI Troubleshooting Manual	DDC-SVC-MAN-0010	Refer to section
MBE 900	EPA07 MBE 900 DDEC VI Troubleshooting Manual	DDC-SVC-MAN-0015	Refer to section

**Table 1 Low Fuel Pressure Test References**

7. Start engine.
8. Using DDDL 7.X, perform the Doser Fuel Line Purge Service Routine.

 <b>WARNING:</b> <b>HOT EXHAUST</b>
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<b>During parked regeneration the exhaust gases will be extremely HOT and could cause a fire if directed at combustible materials. The vehicle must be parked outside.</b>
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9. Using DDDL 7.X, initiate a parked regeneration.
  - [a] If SPN 3480/FMI 1 becomes active, repeat steps 2 through 6. If same results are found, contact the Customer Support Center.
  - [b] If the regeneration completes, clear inactive codes and release vehicle.

## **ADDITIONAL SERVICE INFORMATION**

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

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