

ATS Technician's Guide

NUMBER: 08 ATS-10Rev **S.M. REF.:** 11.7 **ENGINE:** ATS **DATE:** September 2008

REVISION: The diagnostics in steps 3 and 4 were revised as steps 3, 4, and 5 to clarify the possible outcomes.

SUBJECT: ADDITION OF SPN 3246/FMI 16

PUBLICATION: DDC-SVC-MAN-0036

SPN 3246/FMI 16 was added.

SPN 3246/FMI 16

This diagnostic condition is typically DPF Outlet Temperature high.

CHECK FOR HIGH DPF OUTLET TEMPERATURE

Check as follows:

NOTE:

SPN 3246/FMI 16 is a silent fault (no dashboard warning lamp) indicating the MCM has detected a DPF Outlet Temperature that is higher than expected.

1. Connect DDDL 7.X.
2. Turn ignition ON (key ON, engine OFF).
3. Check for fault code 3246/0 (DPF Outlet Temperature very high).
 - [a] If code 3246/0 is present, troubleshoot code 3246/0 first and then clear codes. Verify repairs.
 - [b] If code 3246/0 is not present, go to step 4.
4. Check for fault code 3246/8 (DPF Outlet Temperature signal spike).
 - [a] If code 3246/8 is present, troubleshoot the signal spike fault first and then clear codes. Verify repairs.
 - [b] If code 3246/8 is not present, go to step 5.


5. Check for fault code 3246/16 (DPF Outlet Temperature high).

[a] If the Extended Data Occurrence Counter is greater than 5, troubleshoot fault code 3246/0. Refer to section "SPN 3246/FMI 0."

[b] If the Extended Data Occurrence Counter is 5 or less, go to step 6.

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

6. Start engine.

 WARNING: HOT EXHAUST
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.

7. Using DDDL 7.X, perform a parked regeneration. After regeneration is complete, clear codes and verify repairs.

ADDITIONAL SERVICE INFORMATION

Additional service information is available in the Detroit Diesel *ATS Technician's Guide* (DDC-SVC-MAN-0036). The next revision to this manual will include the revised information.

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