



Service Information Bulletin

NUMBER: 7 05–10 **S.M. REF.:** Listed in Table **ENGINE:** EPA10 DD Platform **DATE:** July 2010

SUBJECT: SPN 3363/FMI 0 AND 1

ADDITIONS, REVISIONS, OR UPDATES

Publication Number	Platform	Section Title	Change	Page Number(s)
DDC-SVC-MAN-0084	EPA10 DD Platform	140 SPN 3363/FMI 1 and 0	Procedures were modified to perform Output Component tests.	

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

SPN 3363/FMI 0

This diagnostic is typically DEF tank temperature high.

Check as follows:

1. Connect DDDL/DDRS 7.04 SP4 or higher.
2. Turn the ignition ON (key ON, engine OFF).

NOTE:

Perform Output Component Test, which can be run only once per key cycle.

3. Perform Output Component Test service routine. Does fault SPN 3363/FMI 3, 4, or 5 become active during the routine?
 - [a] Yes, repair those faults first, clear codes and release vehicle.
 - [b] No, go to step 4.
4. Using DDDL/DDRS, monitor parameter AS021 DEF Tank Temperature.
5. Remove the DEF tank filler cap. Using an external thermometer (ex. Infrared temperature gun) compare the actual DEF temperature (liquid) to the DDDL/DDRS reported tank temperature. Is the AS021 DEF Tank Temperature 49°C (120°F) higher than the externally measured temperature?
 - [a] Yes, go to step 6.
 - [b] No, go to step 7.
6. Disconnect the DEF Tank header harness connector, inspect connector harness for bent, spread or corroded pins.
 - [a] If pin damage is found, repair as necessary.
 - [b] If no pin damage is found, replace the DEF tank header assembly. Refer to section .
7. Disconnect the DEF Tank header harness connector, inspect connector harness for bent, spread or corroded pins.
 - [a] If pin damage is found, repair as necessary.
 - [b] If no pin damage is found, replace the DEF tank header assembly. Refer to section .

SPN 3363/FMI 1

This diagnostic is typically DEF tank temperature low.

Check as follows:

1. Are there any cooling system issues or complaints?
 - [a] Yes, service cooling system issues or complaints.
 - [b] No, go to step 2.
2. Connect DDDL/DDRS 7.04 SP4 or higher.
3. Turn the ignition ON (key ON, engine OFF).

NOTE:

Perform Output Component Test, which can be run only once per key cycle.

4. Perform Output Component Test service routine. Does fault SPN 3363 FMI 3, 4, or 5 become active during the routine?
 - [a] Yes, repair those faults first, clear codes and release vehicle.
 - [b] No, go to step 5.
5. Using DDDL/DDRS, monitor parameter AS021 DEF Tank Temperature.
6. Remove the DEF tank filler cap. Using an external thermometer (ex. Infrared temperature gun) compare the actual DEF temperature (liquid) to the DDDL/DDRS reported tank temperature. Is the reported AS021 DEF Tank Temperature 10°C (50°F) lower than the externally measured temperature?
 - [a] Yes, go to step 7.
 - [b] No, go to step 8.
7. Disconnect the DEF Tank header temperature/level harness connector, inspect connector harness for bent, spread or corroded pins.
 - [a] If pin damage is found, repair as necessary.
 - [b] If no pin damage is found, replace the DEF Tank header assembly. Refer to section .
8. Disconnect the DEF Tank header coolant valve harness connector, inspect connector harness for bent, spread or corroded pins.
 - [a] If pin damage is found, repair as necessary.
 - [b] If no pin damage is found, replace the DEF Tank header assembly. Refer to section .

ADDITIONAL SERVICE INFORMATION

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

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