

4. Check for a short between the ground line and the signal line for the HST pedal sensor.

Result

Expected results - The signal line for the HST pedal sensor is good.

Results:

- Yes - the signal line for the HST pedal sensor is good.
Go to see [step 5](#), page 10-310 .
- No - there is a short between the ground line and the signal line for the HST pedal sensor.
Repair or replace the wiring harness as necessary.

5. Check the HST pedal sensor.

Result

Expected results - The HST pedal sensor is good.

Results:

- Yes - the HST pedal sensor is good.
Failure of the ECU is possible but not common. Exit the procedure and do the procedure again. If the cause of the diagnostic code is not found and the diagnostic code remains active, replace the ECU.
- No - the HST pedal sensor is bad.
Replace the HST pedal sensor.

10.18.62 Code SA 00 SPN 3251 FMI 03

The DPF differential pressure sensor is faulty.

Diagnosis and solution

Check the DPF wire harness for open circuit. Repair or replace as necessary.

10.18.63 Code SA 00 SPN 3251 FMI 04

The DPF differential pressure sensor is faulty.

Diagnosis and solution

Check the DPF wire harness for short circuit. Repair or replace as necessary.

10.18.64 Code SA 00 SPN 3252 FMI 01

The Hydrostatic Transmission (HST) oil sensor is less than the regulated value.

Common failures

- An open in the signal line for the HST oil sensor.
- A short between the ground and the signal line for the HST oil sensor.
- The HST oil sensor is bad.
- The Electronic Control Unit (ECU) is bad.

Diagnosis and solution

1. Check for an open in the signal line for the HST oil sensor.

Result

Expected results - The signal line for the HST oil sensor is good.

Results: