



RG21591-UN: DPF Differential Pressure Sensor Wiring Diagram

LEGEND:

- A5502—6 - Supply
- A5502—24 - Return
- A5502—47 - Signal

IMPORTANT:

Terminal damage occurs if anything other than the specified flex probe from [JDG10466](#) Flex Probe Kit is used.

Flex probe:

Sensor

- [JDG10460](#) — Female — Yellow/Purple
- [JDG10461](#) — Male — Yellow/Purple

ECU

- [JDG10460](#) — Female — Yellow/Purple
- [JDG10461](#) — Male — Yellow/Purple

Tools:

- [JDG10273](#) — Diagnostic Test Box
- [JT07306](#) — Digital Multimeter
- [J-35616-20](#) – Test Leads

1 Read DTCs and Store Snapshot Information

Action:

1. Connect Service ADVISOR, see [Connecting to Service ADVISOR](#) in Section 04, Group 160.

2. **NOTE:**

When DTCs are cleared, Snapshot Information for ALL DTCs is cleared.

Ignition ON, Engine OFF.

3. If any DTCs have snapshot capture or snapshot recording information, save the information. For

instructions on saving and using snapshot information, see [Snapshot Instructions](#) in Section 04, Group 160.

- In Service ADVISOR, perform Control Unit Information and Overview Test.

Control Unit Information and Overview

- Ignition OFF, Engine OFF.
- Inspect DPF for loose clamps and DPF differential pressure sensor inlet and outlet lines for looseness, damage, or blockage.
- Refresh codes.

Any problems found?

Record of Actual Results:

Result:

YES:

Repair problem. GO TO [Verification Procedure](#)

NO:

[GO TO 2](#)

2 Smoke Test

Action:

NOTE:

While performing the following steps watch for evidence of smoke coming out of the exhaust.

- Ignition ON, Engine running at low idle for 60 seconds.
- Move throttle to high idle for 60 seconds.
- Move throttle to low idle for 60 seconds.

Was smoke seen coming out of the exhaust?

Record of Actual Results:

Result:

YES:

Perform [Exhaust Condition Check](#) .

NO:

[GO TO 3](#)

3 Supply Circuit Check