DTC P0168/39 FUEL TEMPERATURE TOO HIGH

CIRCUIT DESCRIPTION

Refer to DTC P0180/39 on page 05–539.

DTC No.	DTC Detection Condition	Trouble Area
P0168/39	If fuel temperature was between 35°C (95°F) and 60°C (140°F) at engine start, and conditions (a) and (b) are met: (2 trip detection logic) (a) Vehicle is driven at varying speeds (under acceleration and deceleration) (b) Fuel temperature remains within 3°C (5.4°F) of engine starting temperature	Fuel temperature sensor
P0168/39	If fuel temperature was more than 60°C (140°F) at engine start, and conditions (a) and (b) are met: (6 trip detection logic) (a) Vehicle is driven at varying speeds (under acceleration and deceleration) (b) fuel temperature remains within 1°C (1.8°F) of engine starting temperature, and this is successively recorded 6 times	Fuel temperature sensor

INSPECTION PROCEDURE

HINT:

- If DTCs P0180/39, P0182/39 or P0183/39 is set simultaneously with P0168/39, the fuel temperature sensor may have an open or a short circuit. Troubleshoot those DTCs first.
- Read freeze frame data using the intelligent tester II. Freeze frame data records the engine conditions when a malfunction is detected. When troubleshooting, freeze frame data can help determine if the vehicle was running or stopped, if the engine was warmed up or not, and other data from the time the malfunction occurred.

1 CHECK OTHER DTC OUTPUT (IN ADDITION TO DTC P0168/39)

(a) Connect an intelligent tester II to the DLC3.
(b) Turn the ignition switch ON and turn the intelligent tester II ON.
(c) Enter the following menus: Powertrain / Engine / DTC.
(d) Read the DTCs.

Result:

Display (DTC Output)	Proceed to
P0168/39	A
P0168/39 and other DTCs	B

HINT:

If any DTCs other than P0168/39 are output, perform the troubleshooting for those codes first.

B → **Go to RELEVANT DTC CHART (See page 05–477)**

A

REPLACE FUEL TEMPERATURE SENSOR