DI1IG–06

DTC	P0135/21	Oxygen Sensor Heater Circuit Malfunction

CIRCUIT DESCRIPTION

Refer to DTC P0130/21 (Oxygen Sensor circuit Malfunction) on page DI–44.

DTC No.	DTC Detecting Condition	Trouble Area
P0135/21	Open or short in heater circuit of oxygen sensor for 0.5. or more	• Open or short in heater circuit of oxygen sensor • Oxygen sensor heater • Engine ECU

WIRING DIAGRAM

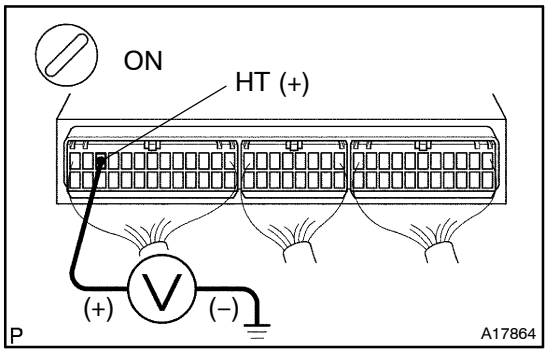
Refer to DTC P0130/21 (Oxygen Sensor Circuit Malfunction) on page DI–44.

INSPECTION PROCEDURE

HINT:

Read freed frame data using hand–held tester. Because freeze frame records the engine conditions when the malfunction is detected, when troubleshooting it is useful for determining whether the vehicle was running or stopped, the engine warmed up or not, the air–fuel ratio lean or rich, etc. at the time of the malfunction.

1	Check voltage between terminals HT of engine ECU connector and body ground.



PREPARATION:

(a) Remove the side trim bracket (See page FU–48).

(b) Turn ignition switch ON.

CHECK:

Measure voltage between terminal HT of engine ECU connector and body ground.

OK:

Voltage: 9 – 14 V

OK	Check and replace engine ECU (See page IN–20).

NG

2	Check resistance of oxygen sensor (See page FU–47).

NG	Replace oxygen sensor.

OK

Check and repair harness or connector between EFI main relay (Marking: EFI) and oxygen sensor and engine ECU (See page IN–20).