DI2U1-02

			DI201-02
DTC	P0135/21	Oxygen[\$ensor[Heater[Circuit Malfunction[[Bank 1[\$ensor 1)	
DTC	P0141/21	Oxygen[\$ensor[Heater[Circuit Malfunction[[Bank 1[\$ensor[2])	
DTC	P0155/28	Oxygen[\$ensor[Heater[Circuit Malfunction[Bank[2[\$ensor 1)	
DTC	P0161/28	Oxygen[\$ensor[Heater[Circuit Malfunction[[Bank[2[\$ensor[2)	

CIRCUIT DESCRIPTION

Refer[]o[]DTC[]P0125/91[]on[]page[]DI-50.

DTC[No.	DTC[Detecting[Condition	Trouble[Area
P0135/21 P0141/21 P0155/28 P0161/28	sec,@r@nore	Dpen@r[short in[heater circuit of heated oxygen[sensor Oxygen[sensor[heater Engine[ECU

HINT:

- •□ Bank 1 [refers [to [bank [that [includes [cylinder [No.1.
- Bank[2]refers[10]bank[1]hat[does[not]nclude[cylinder[No.1.
- Sensor Trefers to the sensor closer to the engine body.
- Sensor 2 refers to the sensor farther away from the engine body.

WIRING DIAGRAM

Refer[lo]DTC[P0125/91] ϕ n[page]DI-50.

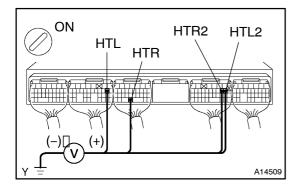
INSPECTION PROCEDURE

HINT:

Read freeze frame data using frand-held tester. Because freeze frame freeze frame from the frankfunction is detected, when trouble shooting it is useful for determining whether the vehicle was funning from the frankfunction. The fair-fuel fratio frankfunction from the frankfunction.

1[

Check[voltage[between[terminals[HTR,[HTR2,[HTL,[HTL2]of[engine[ECU connector[and[body[ground.



PREPARATION:

- (a) Remove The Lengine Toom ECU Cover.
- (b) Turn the ignition switch ON.

CHECK:

HINT:

- •□ Connect[terminal[HTR[to[bank[2]\$ensor 1.
- •□ Connect[]erminal[]HTR2[]o[]bank[]2[\$ensor[]2.
- •□ Connect erminal HTL obank 1 sensor 1.
- •□ Connect terminal THTL2 to bank 1 sensor 2.

OK:

Voltage: 9 - 14 V



Check@and@eplace@engine@ECU (See@page@N-35).

NG

2□

Check resistance of oxygen sensor heater (See page FI-79).

NG□

Replace oxygen sensor.

ОК

Checkandrepair harness or connector between main relay and heated oxygen sensor and engine ECU (See page N-35).