DI2S7-0

DTC□	P0136/27	Oxygen[\$ensor[Circuit[Malfunction
_		(Bank 1\sensor\vec{2})

DTC P0156/29 Oxygen Sensor Circuit Malfunction (Bank 2 Sensor 2)

CIRCUIT DESCRIPTION

Refer@o@TC@P0130

DTC[No.	DTC[Detecting[Condition	Trouble[Area
P0136/27 P0156/29	Voltage@utput@f[ihe@heated@xygen@sensor[bank 1@sensor[2, bank[2]@sensor[2)@emains@tt@.4[V[or@more@r[0.5[V]or@ess when@he@yehicle@s@triven@at@0]km/h[19@nph)@r@nore@after the@engine@s@varmed@p.[[2]@rip@detection@ogic)	•Heated[∳xygen[§ensor

HINT:

- •□ Bank 1 [refers to bank that includes cylinder No.1.
- •□ Bank[2]refers[lo]bank[that[does[not[include[cylinder[No.1.
- Sensor 2 refers to the sensor farther away from the engine body.

WIRING DIAGRAM

Refer[1]o[pn[page[DI-51[f]or[]]he[WIRING[DIAGRAM.

INSPECTION PROCEDURE

When using hand-held tester

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 fright topped, the fraint warmed up from the first open from the frankfunction.

Are there any other codes (besides DTC P0136 or P0156) being output?

YES

Go[to[relevant[DTC[chart[See[pageDI-15])]]

NO

1

	DIAGNOSTICS - ENGINE		
2[]	Check[for[open[and[short[in[harness[and[connector[between[engine[ECU[and oxygen[sensor[[See[page]]N-29].		
	NG Repair or replace harness or connector.		
ОК			
3	Check[the[output[voltage[of[oxygen[sensor[(bank 1,[2[sensor[2).		
(a) Co (b) Af CHECK Read Vo HINT: Perform OK:	RATION: connect[he[hand-held[lester]]o[he[DLC3. ter[warming[lup]]he[engine,[]ace[engine[at[2,500[]pm[]]or[3[]min. cliphting in the state of the sta		
	OK Check[that[each[connector[is[properly connected.		
NG	ace⊚xygen[\$ensor.		
When	[hot[using[hand-held[tester		
1[]	Are[there@any_other@codes_(besides@code@27_or@29)@being_output?		
	YES Go to relevant diagnostic trouble code chart (See page DI-15).		

NO

Replace oxygen sensor.