DI8BC−01

DTC	P1780/97	Park/Neutral Position Switch Malfunction

CIRCUIT DESCRIPTION

The neutral start switch detects the shift lever range and sends signals to the engine ECU.
The engine ECU receives signals (NSW, R, 3, 2 and L) from the neutral start switch. When the signal is not sent to the engine ECU from the neutral start switch, the engine ECU judges that the shift lever is in D range.

DTC No.	DTC Detection Condition	Trouble Area
P1780/97	2 or more switches are ON simultaneously for R, N, 3, 2 and L ranges (2 trip detection logic)	• Short in neutral start switch circuit • Neutral start switch • Engine ECU
	When driving under conditions (a) and (b) for 30 seconds or more, neutral start switch is ON (N position): (2 trip detection logic) (a) Vehicle speed: 70 km/h (44 mph) or more (b) Engine speed: 1,500 – 2,500 rpm	

WIRING DIAGRAM

Refer to DTC P1780 on .

INSPECTION PROCEDURE

Refer to DTC P1780 on .