

DTC	19(3)	Accelerator Pedal Closed Position Switch Circuit Malfunction (Short)
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DTC	19(4)	Accelerator Pedal Closed Position Switch Circuit Malfunction (Open)
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CIRCUIT DESCRIPTION

Refer to DTC 19(1) on page DI-31.

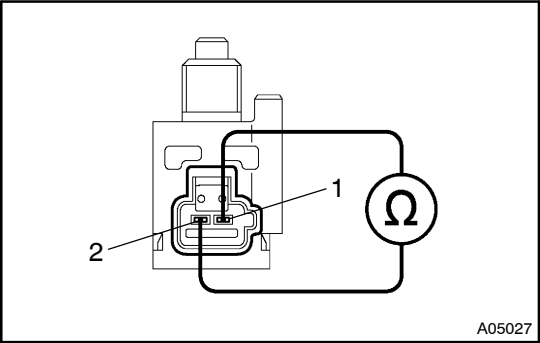
DTC No.	DTC Detecting Condition	Trouble Area
19(3)	Conditions (a), (b) and (c) continue for 0.5 sec. or more: (a) PDL ON (b) VAS Fully closed study voltage 0.43 V (c) VAS Fully closed study voltage 0.43 V	- Short in accelerator pedal closed position switch circuit - Accelerator pedal closed position switch - Engine ECU
19(4)	PDL does not turn ON even once while driving vehicle (2 trip detection logic) Conditions (a) and (b) continue for 5 sec. or more: (a) PDL OFF (b) IDL ON	- Open in accelerator pedal closed position switch circuit - Accelerator pedal closed position switch - Engine ECU

WIRING DIAGRAM

Refer to DTC 19(1) on page DI-31.

INSPECTION PROCEDURE

1	Check accelerator pedal switch.
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PREPARATION:

Disconnect the accelerator pedal closed position switch connector.

CHECK:

Measure the resistance between terminals of the accelerator pedal closed position switch.

OK:

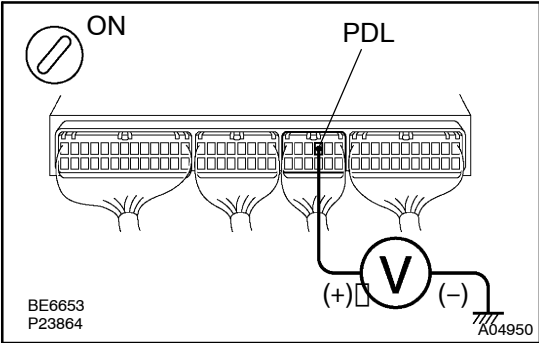
Terminals	Accelerator pedal	Resistance
1 - 2	Fully closed	∞
1 - 2	Fully open	0 - 20 Ω

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Replace accelerator pedal closed position switch (See page ED-20).

OK

2 Check voltage between terminal PDL of engine ECU and body ground.



PREPARATION:

- (a) Remove the glove compartment door.
- (b) Turn the ignition switch ON.

CHECK:

Measure the voltage between terminal PDL of the engine ECU and the body ground.

OK:

Accelerator pedal	Voltage
Fully closed	9 – 14 V
Fully open	0 – 3 V

OK

Check and replace engine ECU
(See page IN-19).

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Check for open and short in harness and connector between engine ECU and accelerator pedal closed position switch and body ground (See page IN-19).