DTC	19 (3)	ACCEL. CLOSED POSITION SW CIRCUIT (SHORT)

DTC	19 (4)	ACCEL. CLOSED POSITION SW CIRCUIT (OPEN)

CIRCUIT DESCRIPTION

Refer to DTC 19 (1) on page 05–32.

DTC No.	DTC Detection Condition	Trouble Area
19 (3)	Conditions (a) and (b) continue for 0.5 sec. or more: (a) PDL ON (b) VA > Fully closed study voltage +0.41 V	• Short in accelerator pedal closed position switch circuit • Accelerator pedal closed position switch • ECM
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	

WIRING DIAGRAM

Refer to DTC 19 (1) on page 05–32.

INSPECTION PROCEDURE

HINT:

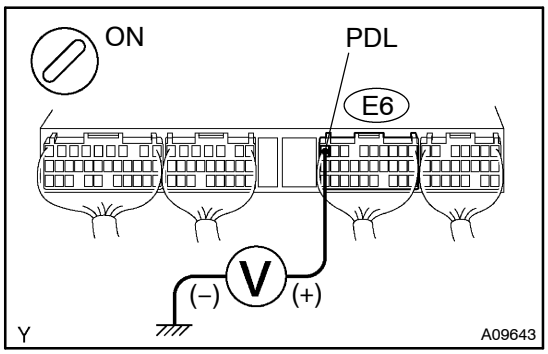
Read freeze frame data using the hand–held tester,as freeze frame data records the engine conditions when a malfunction is detected. When troubleshooting, it is useful for determining whether the vehicle was running or stopped, the engine was warmed up or not, the air–fuel ratio was lean or rich, etc.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

1	CHECK ACCELERATOR PEDAL CLOSED POSITION SWITCH (See page 10–1)

NG → REPLACE ACCELERATOR PEDAL CLOSED POSITION SWITCH

OK

2	CHECK ECM



(a) Turn the ignition switch ON.
(b) Check the voltage between the terminals of shown in the table and illustration.

Voltage:

Accelerator Pedal	Voltage
Fully closed	0.6 – 1.3 V
Fully opened	3.0 – 4.5 V

OK → **CHECK AND REPLACE ECM**

NG

CHECK WIRE HARNESS (ECM ⇔ ACCELERATOR PEDAL CLOSED POSITION SWITCH, ACCELERATOR PEDAL CLOSED POSITION SWITCH ⇔ BODY GROUND) **(See page 01–27)**