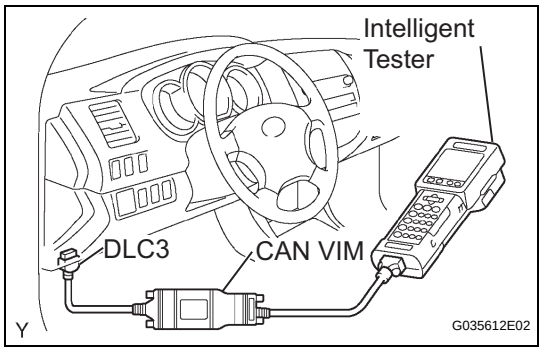


ACCELERATOR PEDAL

ON-VEHICLE INSPECTION

1. INSPECT ACCELERATOR PEDAL ASSEMBLY

(a) Inspect the voltage.

(1) Connect the intelligent tester to the DLC3.

(2) Turn the ignition switch to ON.

(3) Turn the intelligent tester ON.

(4) Select the following menu items: DIAGNOSIS / ENHANCED OBD ll / DATA LIST /ALL /ACCEL POS #1, ACCEL POS #2.

(5) Operate the accelerator pedal, then check that the ACCEL POS #1 and ACCEL POS #2 values are within the specified ranges.

ACCEL POS #1

Accelerator Pedal Condition	Specified Condition
Released	0.5 to 1.1 V
Depressed	2.6 to 4.5 V

ACCEL POS #2

Accelerator Pedal Condition	Specified Condition
Released	1.2 to 2.0 V
Depressed	3.4 to 5.0 V

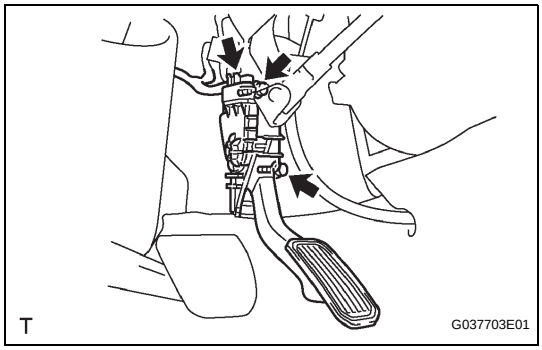
If the result is not as specified, check the accelerator pedal, wire harness and ECM.

ES

REMOVAL

1. **DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL**

2. **REMOVE ACCELERATOR PEDAL ROD ASSEMBLY**
   (a) Disconnect the accelerator position sensor connector.
   (b) Remove the 2 bolts, then remove the accelerator pedal.



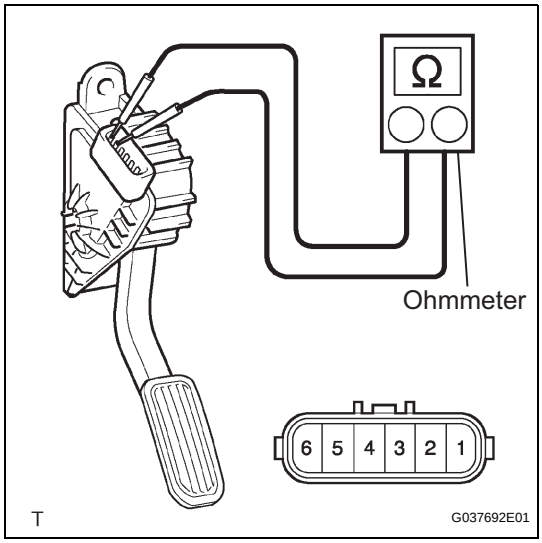
ES

INSPECTION

1. **INSPECT ACCELERATOR PEDAL ROD ASSEMBLY**
   (a) Check the resistance.
      (1) Using an ohmmeter, measure the resistance between the terminals.
      Standard

Tester Connection	Specified Condition
5 (EP1) - 4 (VCP1)	1M Ω or higher
2 (EP2) - 1 (VCP2)	1M Ω or higher

If the result is not as specified, replace the accelerator pedal.



INSTALLATION

1. **INSTALL ACCELERATOR PEDAL ROD ASSEMBLY**
   NOTICE:
   - **Avoid any physical impact to the accelerator pedal assembly.**
   - **Do not disassemble the accelerator pedal assembly.**
   (a) Install the accelerator pedal with the 2 bolts.
   Torque: 5 N*m (51 kgf*cm, 44 in.*lbf)
   (b) Connect the accelerator position sensor connector.

2. **CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**
   Torque: 3.9 N*m (40 kgf*cm, 35 in.*lbf)