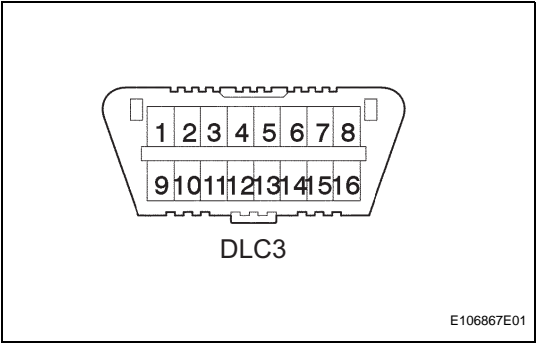


- *1: M/T
- *2: A/T
- *3: w/o VSC
- *4: w/ VSC
- *5: w/ DAC
- *6: w/ AUTO LSD
- *7: w/ Rear Diff Lock

DIAGNOSIS SYSTEM

1. CHECK DLC3

If the result is not as specified, the DLC3 may have a malfunction. Repair or replace the harness and connector.



Tester Connection	Condition	Specified Condition
7 (Bus "+" line) - 5 (Signal ground)	During transmission	Pulse generation
4 (Chassis ground) - Body ground	Always	Below 1 Ω
5 (Signal ground) - Body ground	Always	Below 1 Ω
16 (B+) - Body ground	Always	9 to 14 V

HINT:

If the display shows UNABLE TO CONNECT TO VEHICLE when you have connected the cable of the intelligent tester to the DLC3, turned the ignition switch to the ON position and operated the tester, a problem exists in either the vehicle or tester.

- If communication is normal when the tester is connected to another vehicle, inspect the DLC3 on the original vehicle.
- If communication is still impossible when the tester is connected to another vehicle, the problem is probably with the tester itself. Consult the Service Department listed in the tester's instruction manual.

DATA LIST / ACTIVE TEST

1. DATA LIST

- (a) By reading the DATA LIST displayed on the intelligent tester, you can check values, including those of the switches, sensors, actuators without removing any parts. Reading the DATA LIST as the first step of troubleshooting is one method of shortening diagnostic time.
- (1) Warm up the engine.
 - (2) Turn the ignition switch OFF.
 - (3) Connect the intelligent tester to the DLC3.
 - (4) Turn the ignition switch to the ON position.
 - (5) Operate the intelligent tester according to the display and select "DATA LIST".

ECM :

Item	Measurement Item/ Range (Display)	Normal Condition	Diagnostic Note
VEHICLE SPEED	Vehicle speed/ Min.: 0 mph (0 km/h), Max.: 153 mph (255 km/h)	Almost same as actual vehicle speed (When driving)	-
ENGINE SPD	Engine speed/ Min.: 0 rpm, Max.: 16,383 rpm	Almost same as actual engine speed (When engine is running)	-
COOLANT TEMP	Engine coolant temperature / Min.: -40°C (-40°F), Max.: 140°C (284°F)	After warming up: 80 to 95°C (176 to 203°F)	If value is -40°C (-40°F), sensor circuit is open. If value is 140°C (284°F), sensor circuit is shorted.