ED026–01

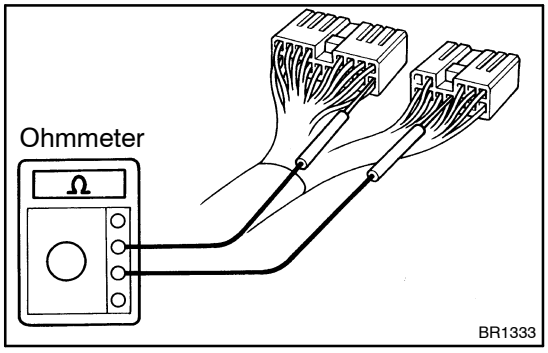
INSPECTION

HINT:

The ECD circuit can be checked by measuring the resistance and voltage at the wiring connectors of the engine ECU.

1. **REMOVE ENGINE ECU FROM VEHICLE BODY**
2. **INSPECT VOLTAGE OF ENGINE ECU**
   (See page DI–17)
3. **INSPECT RESISTANCE OF ECD CIRCUITRY**

Terminals	Condition	STD resistance (Ω)
THA – E2	Intake air temp. 20°C (68°F)	2.0 – 3.0 k
THF – E2	Fuel temp. 20°C (68°F)	2.0 – 3.0 k
THW – E2	Coolant temp. 80°C (176°F)	0.2 – 0.4 k
TDC+ – TDC–	Cold (–10°C (14°F) to 50°C (122°F))	19 – 32
TDC+ – TDC–	Hot (50°C (122°F) to 100°C (212°F))	24 – 37
NE+ – NE–	–	205 – 255
TCV – +B	–	10 – 16
EGR – +B	–	11 – 18
EGRC – +B	25°C (77°F)	30 –40
S/TH – +B	25°C (77°F)	30 –40
PA – +B	25°C (77°F)	30 –40
SVR – +B	–	60 – 80
IREL – E01	–	4 – 8
MREL – E01	–	60 – 80



(a) Turn the ignition switch OFF.
(b) Disconnect the 4 connectors from the engine ECU.
(c) Measure the resistance between each terminal of the wiring connectors.

NOTICE:

- **Do not touch the engine ECU terminals.**
- **The tester probe should be inserted in the wiring connector from the wiring side**