ENGINE ECU (European Spec.)

ED026–02

INSPECTION

HINT:

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

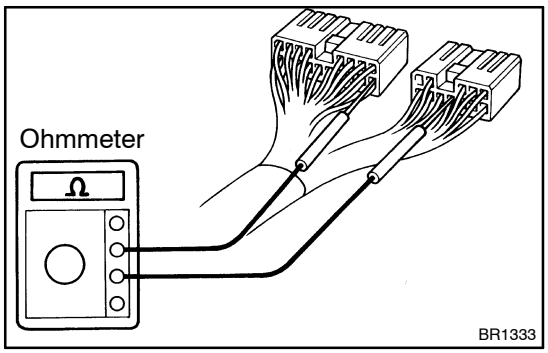
1. REMOVE ENGINE ECU FROM VEHICLE BODY

2. INSPECT VOLTAGE OF ENGINE ECU

(See page DI–18)

3. INSPECT RESISTANCE OF ECD CIRCUITRY

Terminals	Condition	STD resistance (Ω)
LU+A ↔ +B	–	15 – 30
LU–A ↔ +B	–	15 – 30
LU+B ↔ +B	–	15 – 30
LU–B ↔ +B	–	15 – 30
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
PA ↔ +B	25°C (77°F)	30 – 40
SVR ↔ +B	–	60 – 80
IREL ↔ E01	–	4 – 8
MREL ↔ E01	–	60 – 80
SCV ↔ +B	–	30 – 40



(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**