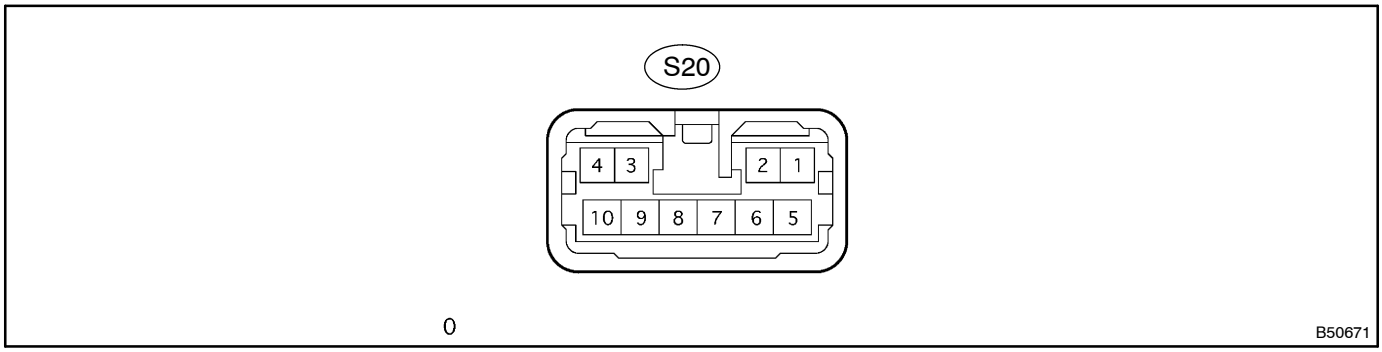
05JVM–01

TERMINALS OF ECU

1. CHECK SLIDING ROOF DRIVE GEAR SUB–ASSY (SLIDING ROOF ECU)



(a) Disconnect the S20 sliding roof ECU connector.

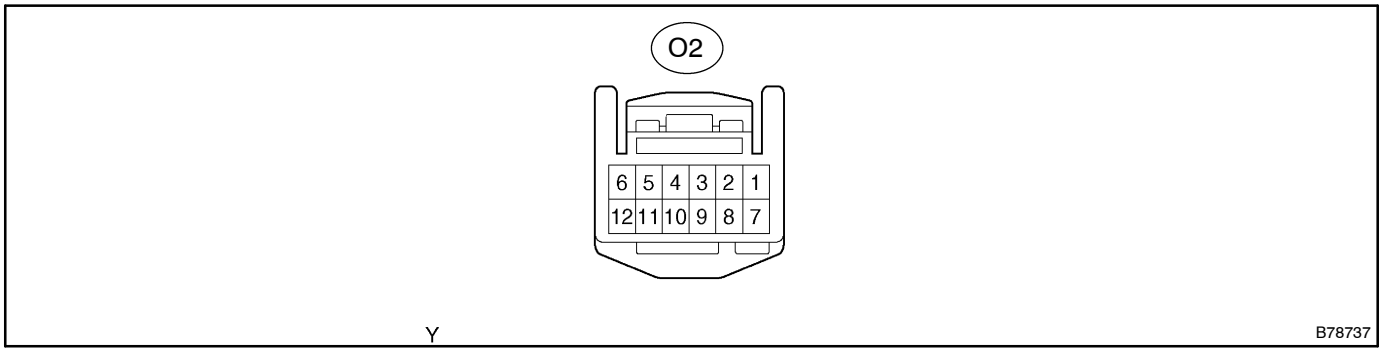
(b) Measure the voltage or resistance of each terminal of the wire harness side connector.

Standard:

Symbols (Terminal No.)	Wiring Color	Condition	Specified Condition
ECUB (S20–5) – Body ground	B – Body ground	Constant	10 to 14 V
B (S20–1) – Body ground	L – Body ground	Constant	10 to 14 V
E (S20–7) – Body ground	W–B – Body ground	Constant	Below 1 Ω

If the result is not as specified, there may be a malfunction on the wire harness.

2. CHECK OVERHEAD J/B (SLIDING ROOF MOTOR SWITCH)



(a) Disconnect the O2 overhead J/B connector.

(b) Measure the voltage or resistance of each terminal of the connector.

Standard:

Symbols (Terminal No.)	Wiring Color	Condition	Specified Condition
UP (O2–6) – Body ground	G – Body ground	Each switch OFF	Below 1 Ω
DOWN (O2–4) – Body ground	W – Body ground	Each switch OFF	Below 1 Ω
UP (O2–6) – Body ground	G – Body ground	• Ignition switch ON • Sliding roof fully closed • Slide open switch OFF → ON (Slide open side)	0 V → 10 to 14 V
DOWN (O2–4) – Body ground	W – Body ground	• Ignition switch ON • Sliding roof fully opened • Tilt up switch OFF → ON (Slide close side)	0 V → 10 to 14 V
IG (O2–9) – Body ground	GR – Body ground	Ignition switch ON Constant	0 V → 10 to 14 V Below 1 Ω

If the result is not as specified, there may be a malfunction on the wire harness.