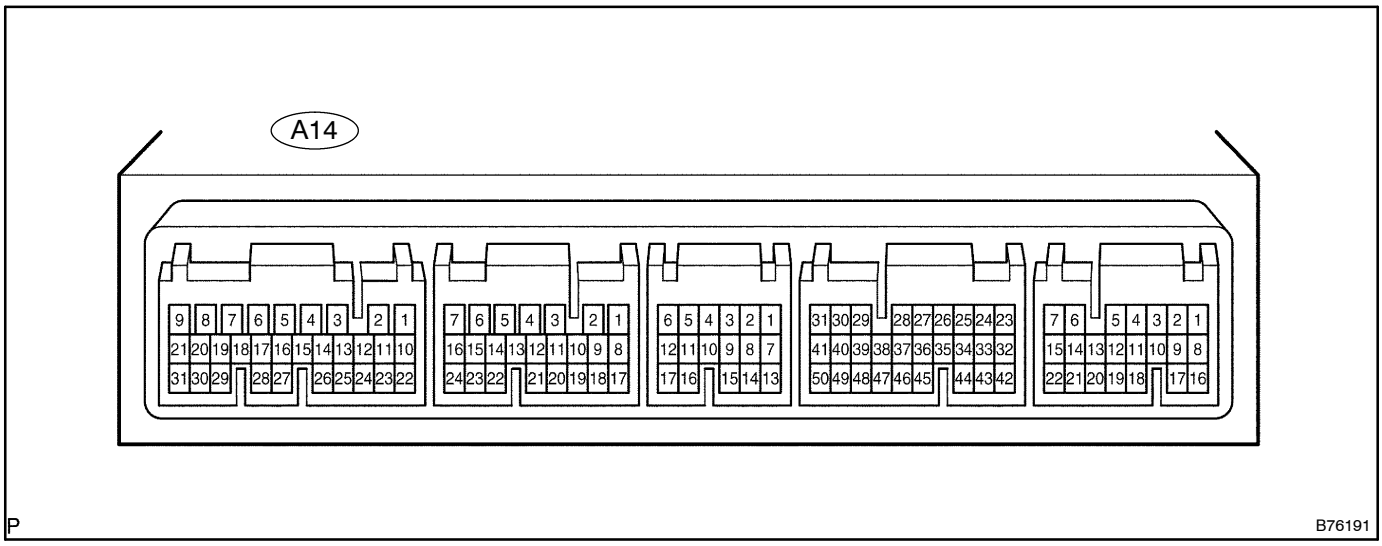
05HQC–01

TERMINALS OF ECU

1. CHECK A/C CONTROL ASSEMBLY (A/C ECU)



(a) Disconnect the A14 ECU connector.

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

Standard:

Symbols (Terminal No.)	Wire Color	Terminal Description	Condition	Specified Condition
GND (A14–1) – Body ground	W–B – Body ground	Ground	Constant	Below 1Ω
IG (A14–9) – Body ground	LG–R – Body ground	Ignition power supply	Ignition switch turned OFF → ON	Below 1V → 10 to 14 V
+B (A14–21) – Body ground	B–Y – Body ground*1 W–R – Body ground*2	Battery power supply	Constant	10 to 14 V

HINT:

*1: LHD

*2: RHD

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

(c) Reconnect the A11 ECU connectors.

(d) Measure the voltage of each terminal of the connector.

Standard:

Symbols (Terminal No.)	Wire Color	Terminal Description	Condition	Specified Condition
RDFGR (A14–8) – GND (A14–1)	W – W–B	DEFOG relay	Ignition switch ON Rear defogger switch to OFF → ON	10 to 14 V → Below 1 V
IG (A14–9) – GND (A14–1)	LG–R – W–B	Ignition power supply	Ignition switch turned OFF → ON	Below 1 V → 10 to 14 V
+B (A14–21) – GND (A14–1)	B–Y – W–B*1 W–R – W–B*2	Battery power supply	Constant	10 to 14 V

If the result is not as specified, the ECU may have a malfunction.

HINT:

*1: LHD

*2: RHD