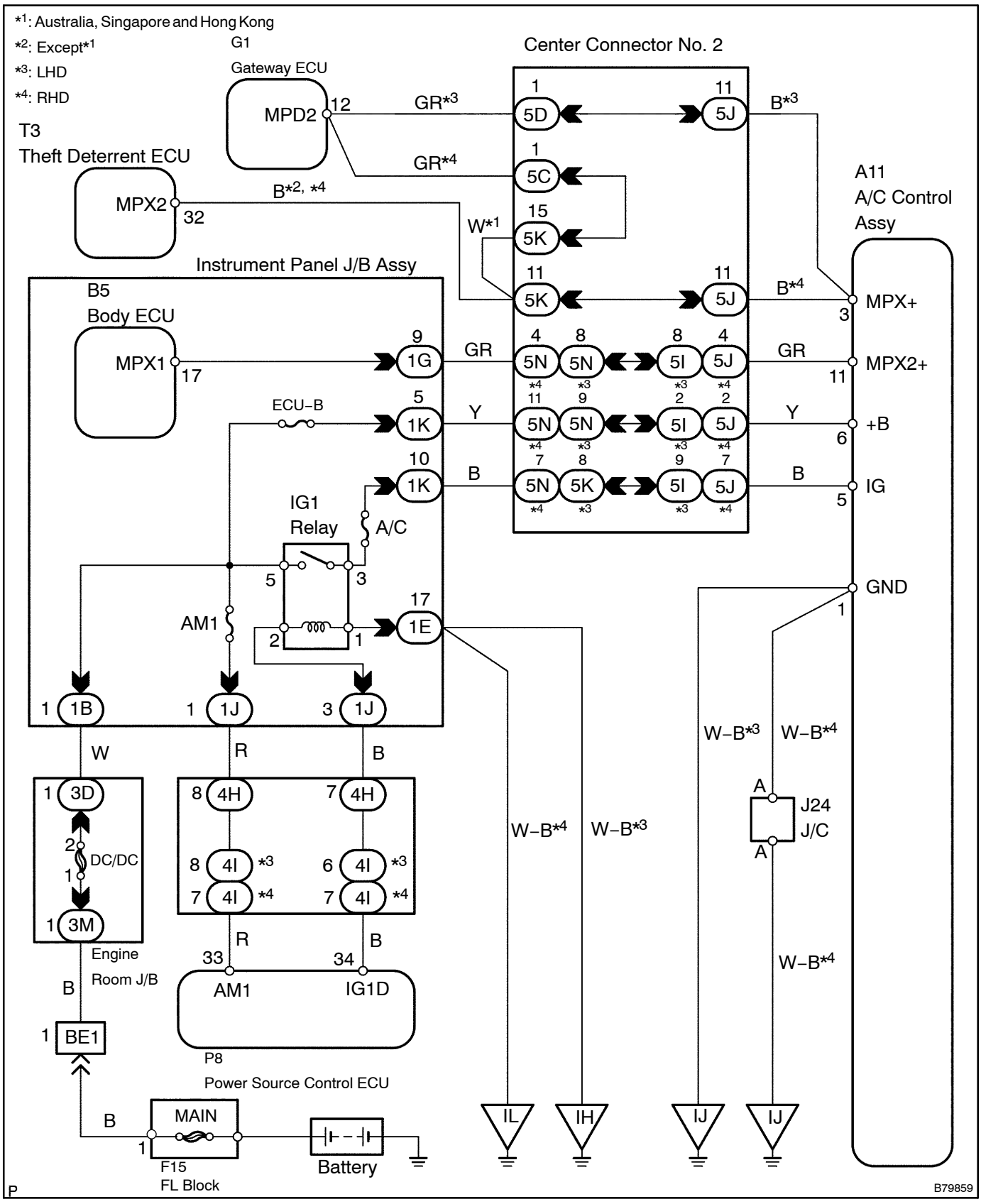
DTC	B1262	A/C ECU COMMUNICATION STOP

CIRCUIT DESCRIPTION

This DTC is detected when communication between the A/C control assy (A/C ECU) and gateway ECU stops for more than 10 seconds.

DTC No.	DTC Detection Condition	Trouble Area
B1262	A/C ECU communication stops	• A/C control assy • Wire harness

WIRING DIAGRAM



INSPECTION PROCEDURE

1 CHECK OPERATION

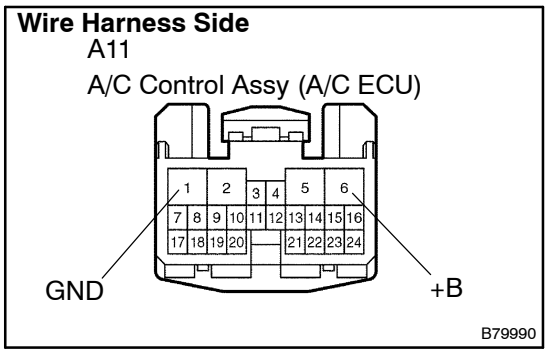
(a) Check that the A/C switch can operate the air conditioner normally.
OK: A/C switch can operate the air conditioner normally.

NG → **Go to step 2**

OK

REPLACE A/C CONTROL ASSY

2 CHECK WIRE HARNESS (A/C CONTROL ASSY – BODY GROUND)



(a) Disconnect the A11 ECU connector.
(b) Measure the resistance and voltage of the wire harness side connector.
Standard:

Tester Connection	Condition	Specified Condition
A11–6 (+B) – Body ground	Constant	10 to 14 V
A11–1 (GND) – Body ground	Constant	Below 1 Ω

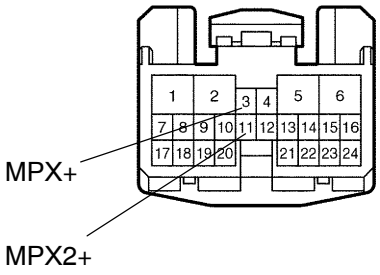
NG → **REPAIR OR REPLACE HARNESS AND CONNECTOR**

OK

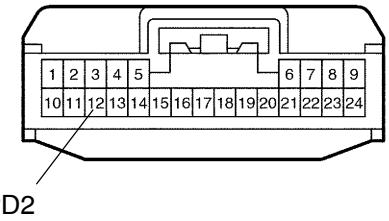
3 CHECK RESISTANCE OF COMMUNICATION LINE

Wire Harness Side

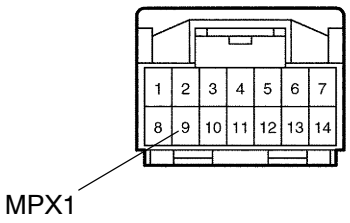
A11
A/C Control Assy (A/C ECU)



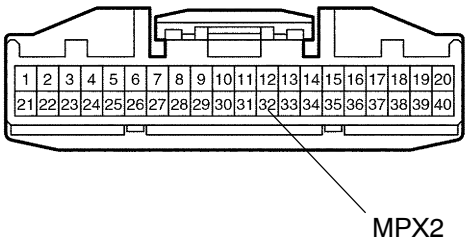
G1
Gateway ECU



1G
Instrument Panel J/B Assy



T3
Theft Deterrent ECU



B79995

(a) Disconnect the A11 ECU connectors.
(b) Disconnect the 1G J/B connector.
(c) Disconnect the G1 or T3 ECU connector.
(d) Measure the resistance of the wire harness side connectors.

Standard:

RHD*1 and LHD

Tester Connection	Specified Condition
A11–3 (MPX+) – G1–12 (MPD2)	Below 1 Ω
A11–11 (MPX2+) – 1G–9 (MPX1)	Below 1 Ω

RHD*2

Tester Connection	Specified Condition
A11–3 (MPX+) – T3–32 (MPX2)	Below 1 Ω
A11–11 (MPX2+) – 1G–9 (MPX1)	Below 1 Ω

Result:

Result	Proceed to
Both are OK	A
One is OK	B
Both are NG	C

*1: Australia, Singapore, Hong Kong
*2: Except *1

B → **REPLACE A/C CONTROL ASSY AND REPAIR OR REPLACE HARNESS AND CONNECTOR**

C → **REPAIR OR REPLACE HARNESS AND CONNECTOR**

A

REPLACE A/C CONTROL ASSY