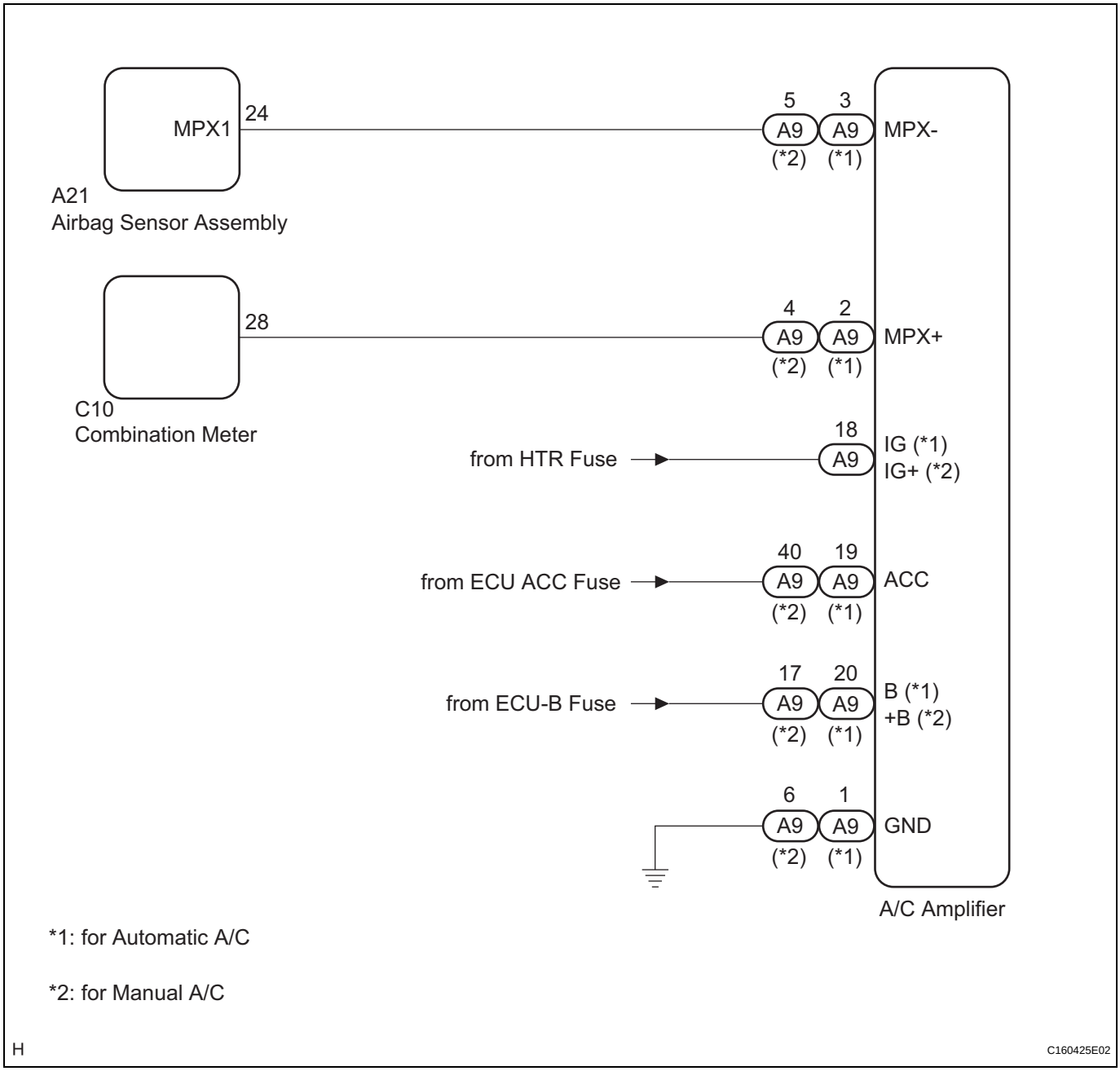
DTC	B1262	A/C ECU Communication Stop

DESCRIPTION

DTC B1262 is output when communication between the A/C amplifier and the multiplex network gateway ECU stops for more than 10 seconds.

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

WIRING DIAGRAM

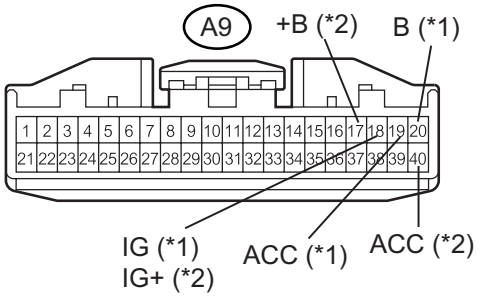


MP

INSPECTION PROCEDURE

1 CHECK HARNESS AND CONNECTOR (A/C AMPLIFIER - BATTERY)

Front view of wire harness connector:
(to A/C Amplifier)



H C160413E01

(a) Disconnect the A9 connector.
(b) Measure the voltage according to the value(s) in the table below.

Standard voltage

Tester Connection	Condition	Specified Condition
A9-18 (IG) (*1), (IG+) (*2) - Body ground	Ignition switch: ON	11 to 14 V
A9-19 (ACC) (*1), A9-40 (ACC) (*2) - Body ground	Ignition switch: ACC	11 to 14 V
A9-20 (B) (*1), A9-17 (+B) (*2) - Body ground	Always	11 to 14 V

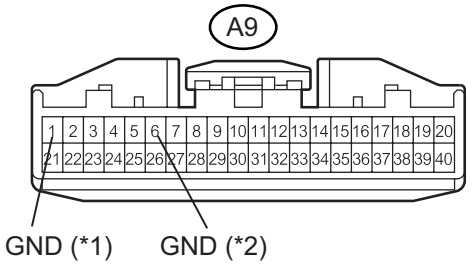
HINT:
*1: for Automatic A/C
*2: for Manual A/C

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

OK

2 CHECK HARNESS AND CONNECTOR (A/C AMPLIFIER - GROUND)

Front view of wire harness connector:
(to A/C Amplifier)



H C160413E02

(a) Measure the resistance according to the value(s) in the table below.

Standard resistance

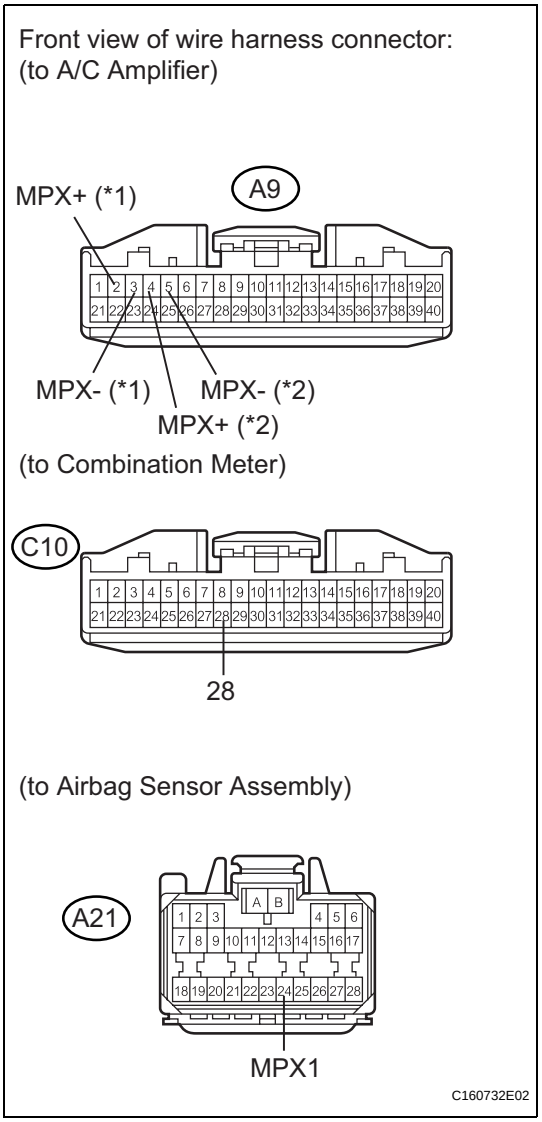
Tester Connection	Condition	Specified Condition
A9-1 (GND) (*1), A9-6 (GND) (*2) - Body ground	Always	Below 1 Ω

HINT:
*1: for Automatic A/C
*2: for Manual A/C

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

OK

3 CHECK COMMUNICATION LINE



(a) Disconnect the C10 and A21 connectors.
(b) Measure the resistance according to the value(s) in the table below.

Standard resistance

Tester Connection	Condition	Specified Condition
A9-3 (MPX-) (*1), A9-5 (MPX-) (*2) - A21-24 (MPX1)	Always	Below 1 Ω
A9-2 (MPX+) (*1), A9-4 (MPX+) (*2) - C10-28	Always	Below 1 Ω

HINT:
*1: for Automatic A/C
*2: for Manual A/C

Result

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

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

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

A

REPLACE A/C AMPLIFIER