HEATER CONTROL PANEL COMMUNICATION CIRCUIT

INSPECTION PROCEDURE

1	SERVICE CHECK MODE(NETWORK GATEWAY ECU)

(a) Perform service check (See page 05–1480).

A	B
”NCON” is display or ”G/W” is not displayed	”G/W: OK” is displayed

NG → Go to step 4

OK

2	CHECK HARNESS AND CONNECTOR(NETWORK GATEWAY ECU – A/C AMPLIFIER)

NG → REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

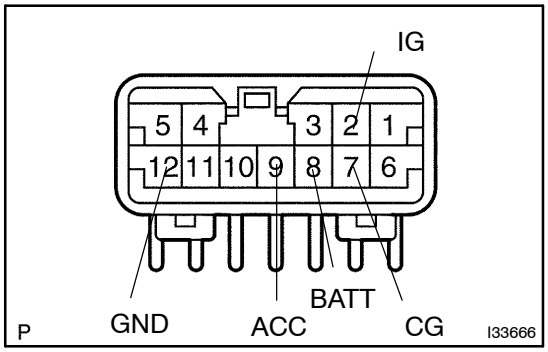
3	CHECK AND REPLACE NETWORK GATEWAY ECU

OK → REPLACE NETWORK GATEWAY ECU

NG

CHECK AND REPLACE AIR CONDITIONING AMPLIFIER

4	CHECK HARNESS AND CONNECTOR(BATT, ACC, IG, CG, GND)



(a) Remove the network gateway ECU with being connected.

(b) Check voltage.

(1) Measure voltage between terminal BATT, ACC, IG and GND of network gateway ECU at each conditions, as shown in the chart.

Standard:

Terminal	Condition	Voltage (V)
BATT ⇔ GND	Constant	10 – 14
ACC ⇔ GND	Turn ignition SW: ACC	10 – 14
IG ⇔ GND	Turn ignition SW: ON	10 – 14

(c) Check continuity.

(1) Check that the continuity exists between terminal CG, GND of network gateway ECU and body ground.

Standard: Continuity exists.

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

OK

5	CHECK HARNESS AND CONNECTOR(MULTI–DISPLAY (CRT DISPLAY) DISPLAY – NETWORK GATEWAY ECU)

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

OK

6	CHECK AND REPLACE NETWORK GATEWAY ECU

OK → **REPLACE NETWORK GATEWAY ECU**

NG

CHECK AND REPLACE MULTI–DISPLAY (CRT DISPLAY) DISPLAY