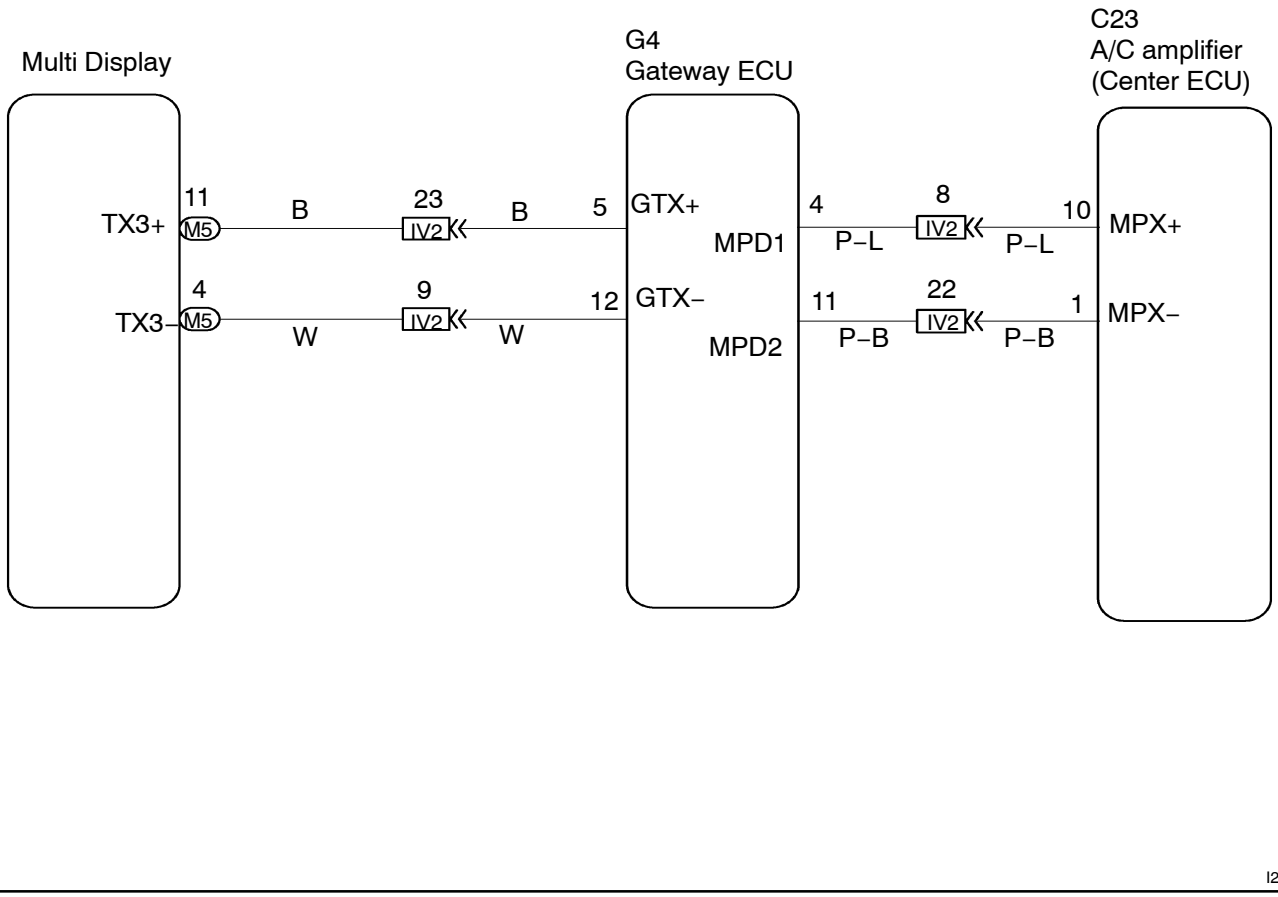
DI7RP–04

Gateway ECU (AVC–LAN adapter) Circuit

WIRING DIAGRAM



INSPECTION PROCEDURE

1	Check ”Service check mode” of audio system. (AVC–LAN diagnosis check) (See page DI–3)

CHECK:

Connection of the gateway ECU can be checked by AVC–LAN diagnosis. (”Servive check mode” of audio system)

OK:

Display

G/W: OK (System is normal)

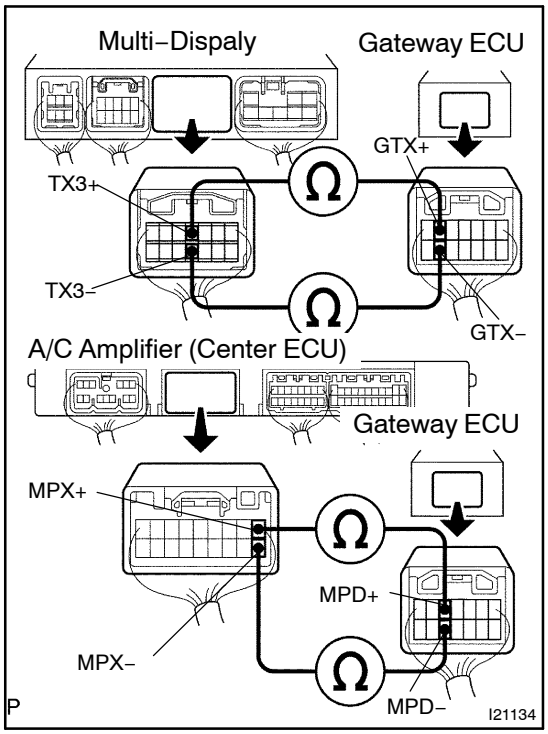
G/W: NG (Communication error)

G/W: None (Never registered)

NG → Replace the gateway ECU.

OK

2	Check wire harness



PREPARATION:

Disconnect the connectors "G4" of gateway ECU, "M5" of multi–display and "C23" of A/C amplifier (Center ECU).

CHECK:

(a) Check continuity between terminals GTX+ of gateway ECU and TX3+ of multi display.

(b) Check continuity between terminals GTX– of gateway ECU and TX3– of multi display.

OK:

There is a continuity in wireharness of both (a) and (b), or either (a) or (b).

HINT:

If there is OPEN in wireharness of either (a) or (b), please repair it.

CHECK:

(a) Check continuity between terminals MPD1 of gateway ECU and MPX+ of A/C amplifier (Center ECU).

(b) Check continuity between terminals MPD2 of gateway ECU and MPX– of A/C ampifier (Center ECU).

OK:

There is a continuity in wireharness of both (a) and (b), or either (a) or (b).

HINT:

If there is OPEN in wireharness of either (a) or (b), please repair it.

NG → **Repair or replace wireharness.**

OK

Replace the gateway ECU.