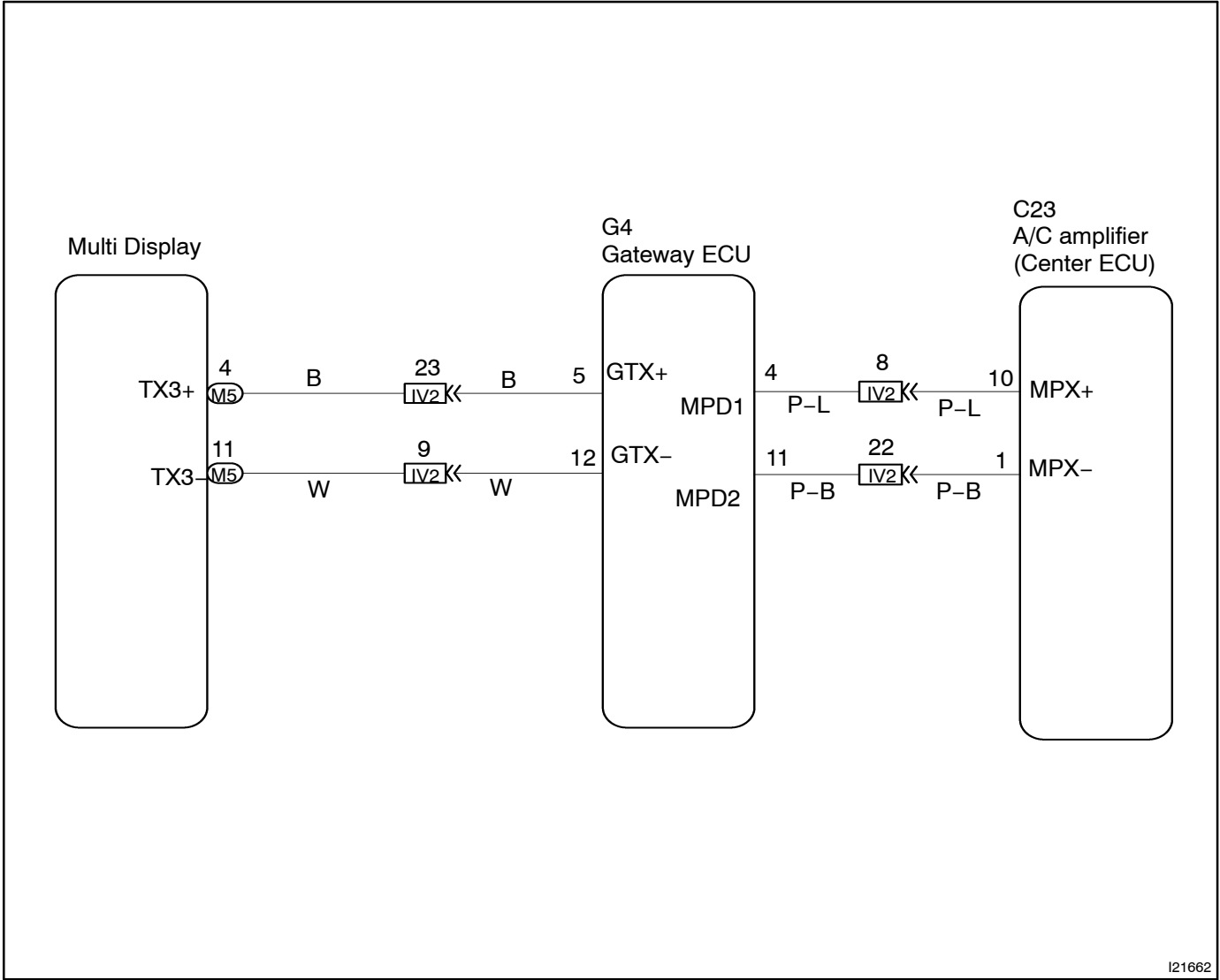


Gateway ECU (AVC-LAN adapter) Circuit

WIRING DIAGRAM



INSPECTION PROCEDURE

1	Check "Service check mode" of audio system. (AVC-LAN diagnosis check) (See page DI-780)
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CHECK:

Connection of the gateway ECU can be checked by AVC-LAN diagnosis. ("Service check mode" of audio system)

OK:

Display

G/W: OK (System is normal)

G/W: NG (Communication error)

G/W: None (Never registered)

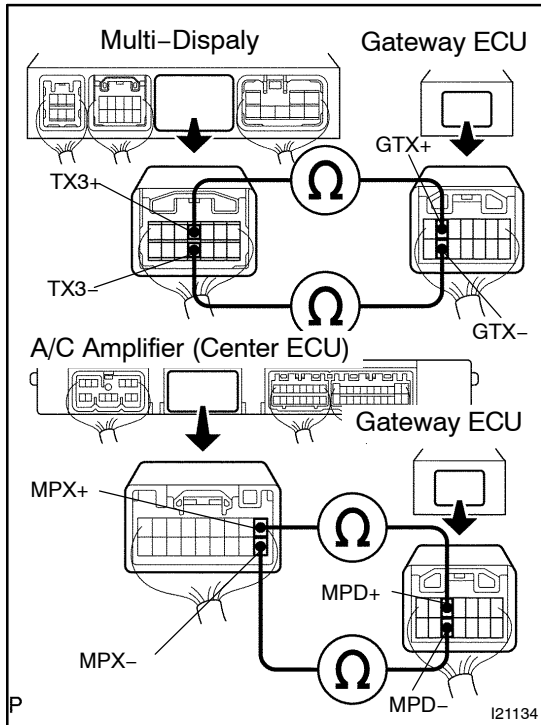
NG

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:

- Check continuity between terminals GTX+ of gateway ECU and TX3+ of multi display.
- 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:

- Check continuity between terminals MPD1 of gateway ECU and MPX+ of A/C amplifier (Center ECU).
- Check continuity between terminals MPD2 of gateway ECU and MPX- of A/C amplifier (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.