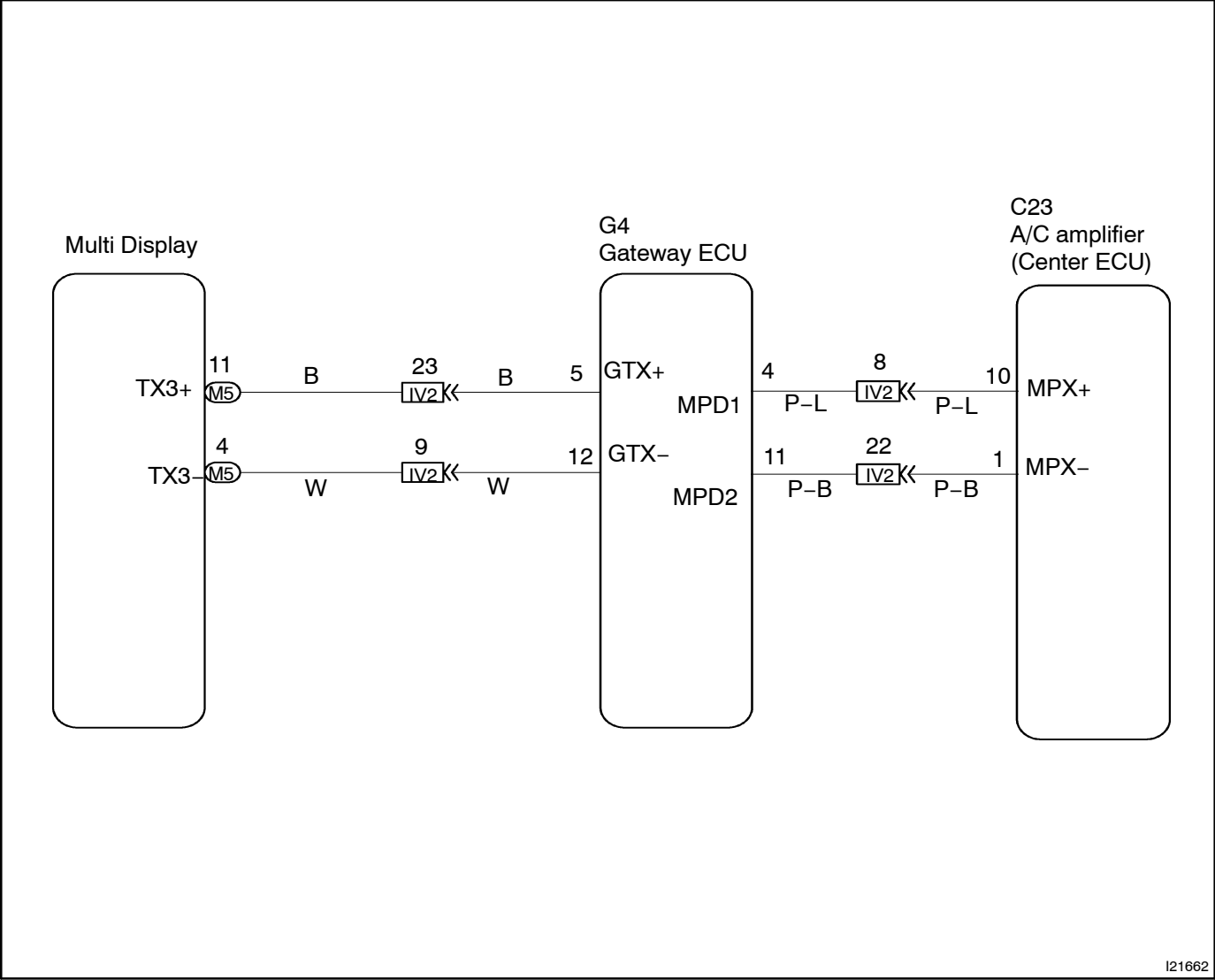DI7RP–04

Gateway ECU (AVC –LAN adapter) Circuit

WIRING DIAGRAM

I21662

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)
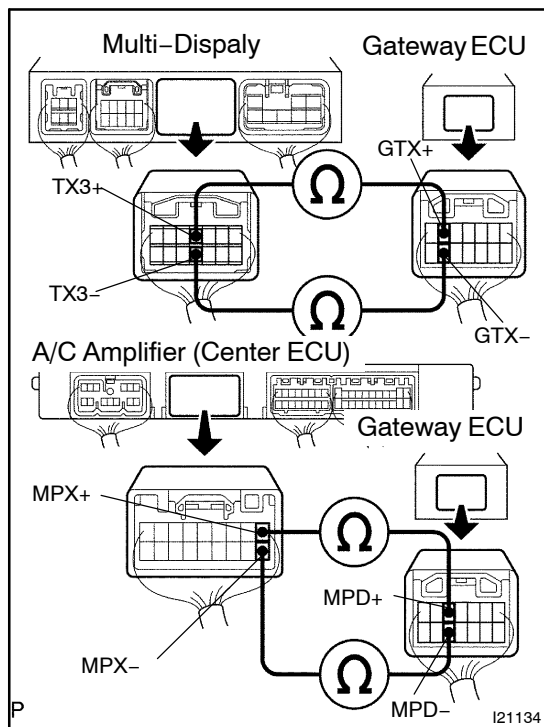
OK:
Display
G/W: OK (System is normal)
G/W: NG (Communication error)
G/W: None (Never registered)

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.