TIRE PRESSURE WARNING INDICATOR CIRCUIT

CIRCUIT DESCRIPTION

When the tire pressure decreases, the skid control ECU sends the communication signal to the combination meter assy through the CAN and BEAN, and it indicates the tire pressure warning indicator on the combination meter assy.
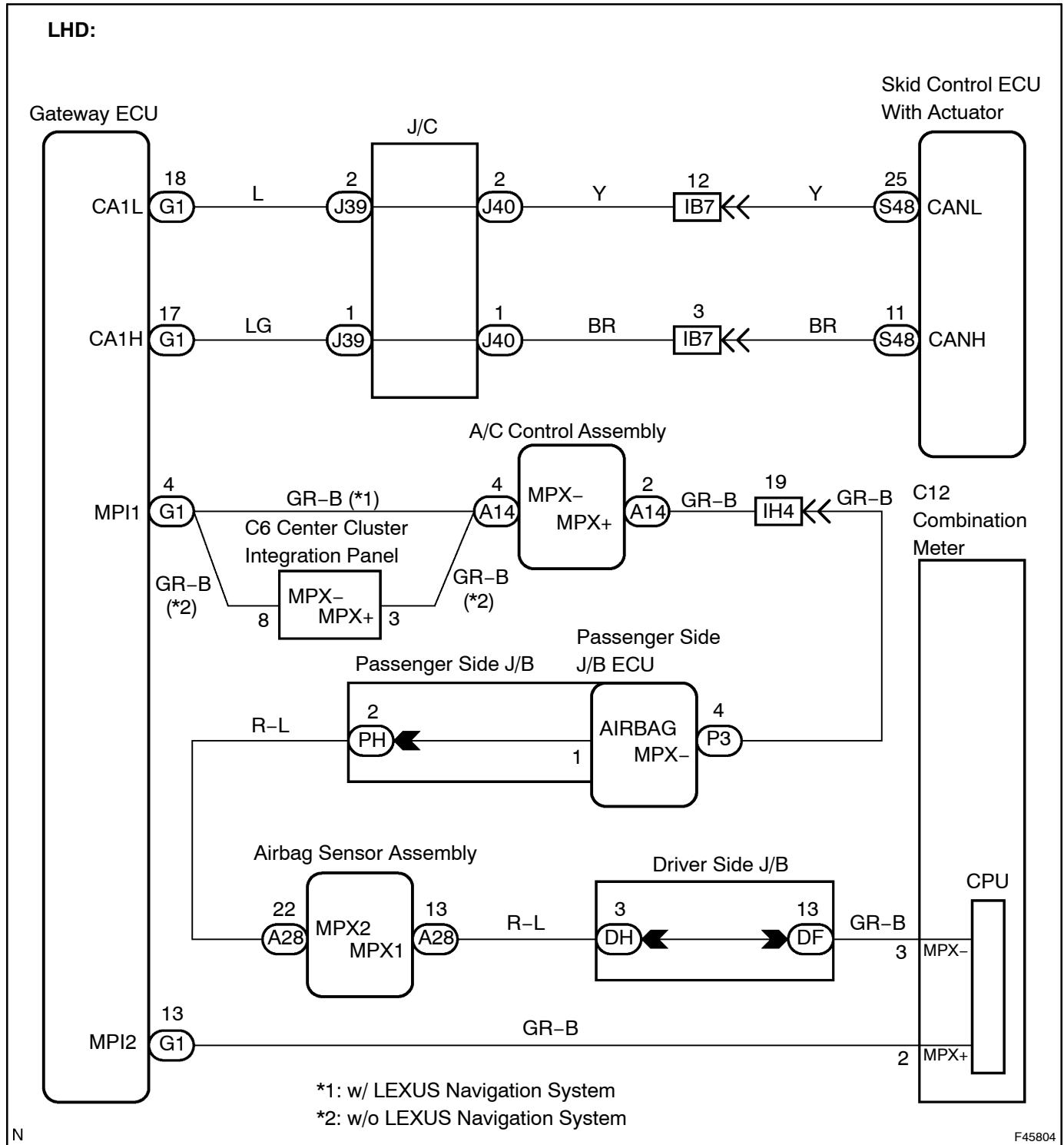
The tire pressure warning indicator also comes on when the signal for the tire pressure warning indicator is cut off.
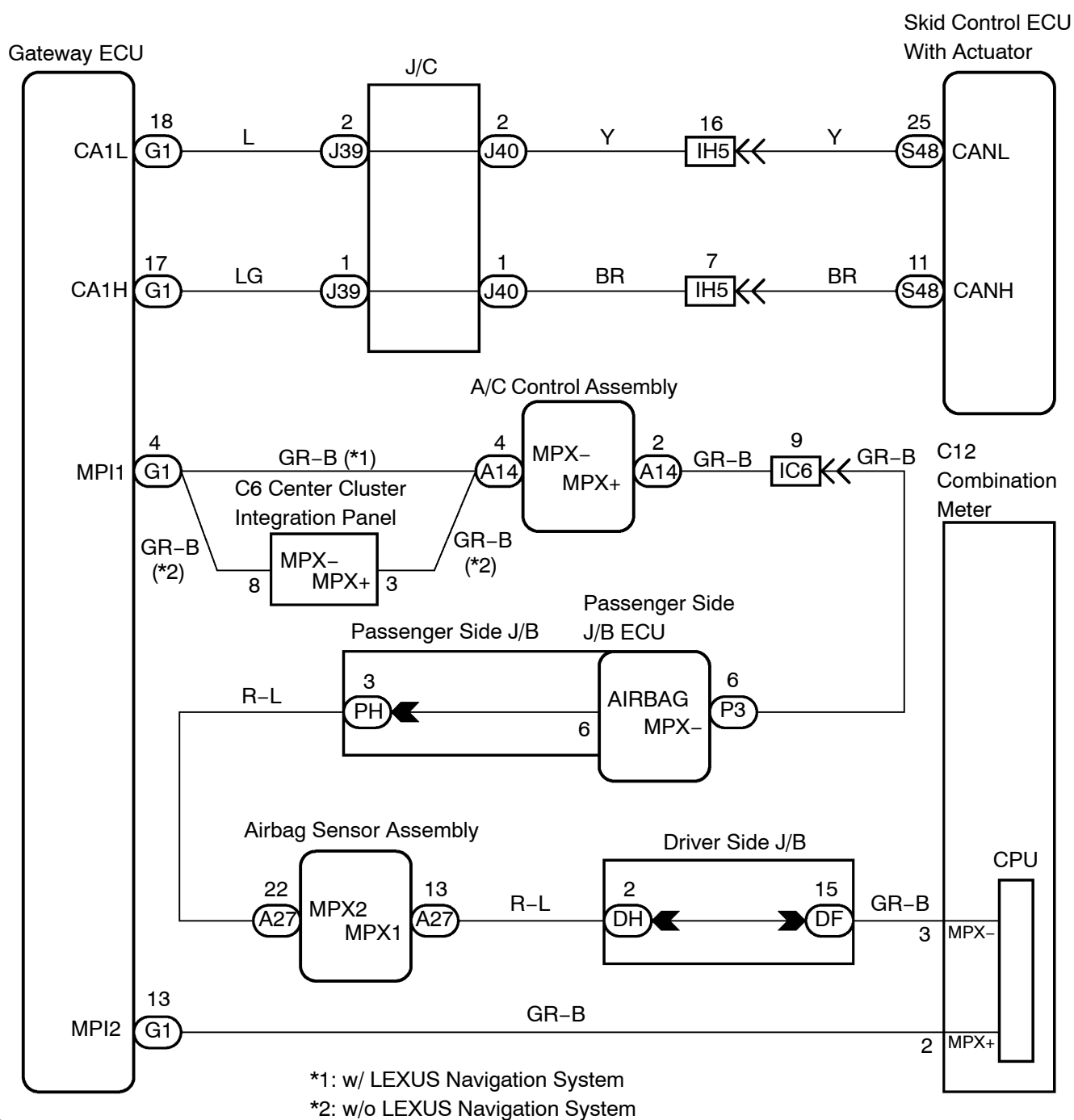
HINT:

Refer to the "TIRE PRESSURE WARNING INDICATOR CHART" section of the "DIAGNOSIS SYSTEM"for checking the condition of the tire pressure warning indicator ().

WIRING DIAGRAM

LHD:

*1: w/ LEXUS Navigation System
*2: w/o LEXUS Navigation System

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RHD:

Gateway ECU

J/C

Skid Control ECU
With Actuator

CA1L — 18 — G1 — L — 2 — J39 — 2 — J40 — Y — 16 — IH5 — Y — 25 — S48 — CANL

CA1H — 17 — G1 — LG — 1 — J39 — 1 — J40 — BR — 7 — IH5 — BR — 11 — S48 — CANH

A/C Control Assembly

MPI1 — 4 — G1 — GR–B (*1) — 4 — A14 — MPX– MPX+ — 2 — A14 — GR–B — 9 — IC6 — GR–B

C12 Combination Meter

GR–B (*2)

C6 Center Cluster Integration Panel

8 — MPX– MPX+ — 3 — GR–B (*2)

Passenger Side J/B

Passenger Side J/B ECU

R–L — 3 — PH — AIRBAG MPX– — 6 — P3

6

Airbag Sensor Assembly

22 — A27 — MPX2 MPX1 — 13 — A27 — R–L

Driver Side J/B

2 — DH — 15 — DF — GR–B — 3 — MPX–

CPU

MPI2 — 13 — G1 — GR–B — 2 — MPX+

*1: w/ LEXUS Navigation System
*2: w/o LEXUS Navigation System

N

F45804

INSPECTION PROCEDURE

1	CHECK DIAGNOSTIC CODE OUTPUT

(a) Check if the DTC is output in the CAN communication system (see page 05–3306).

OK:

No DTC is output in the CAN communication system.

NG 〉 **REPAIR CIRCUIT INDICATED BY OUTPUT CODE**

OK

2	CHECK DIAGNOSTIC CODE OUTPUT

(a) Check if the DTC is output in the ABS system (see page 05–400).

OK:

No DTC is output in the ABS system.

NG 〉 **REPAIR CIRCUIT INDICATED BY OUTPUT CODE**

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE (SEE PAGE 05–352)