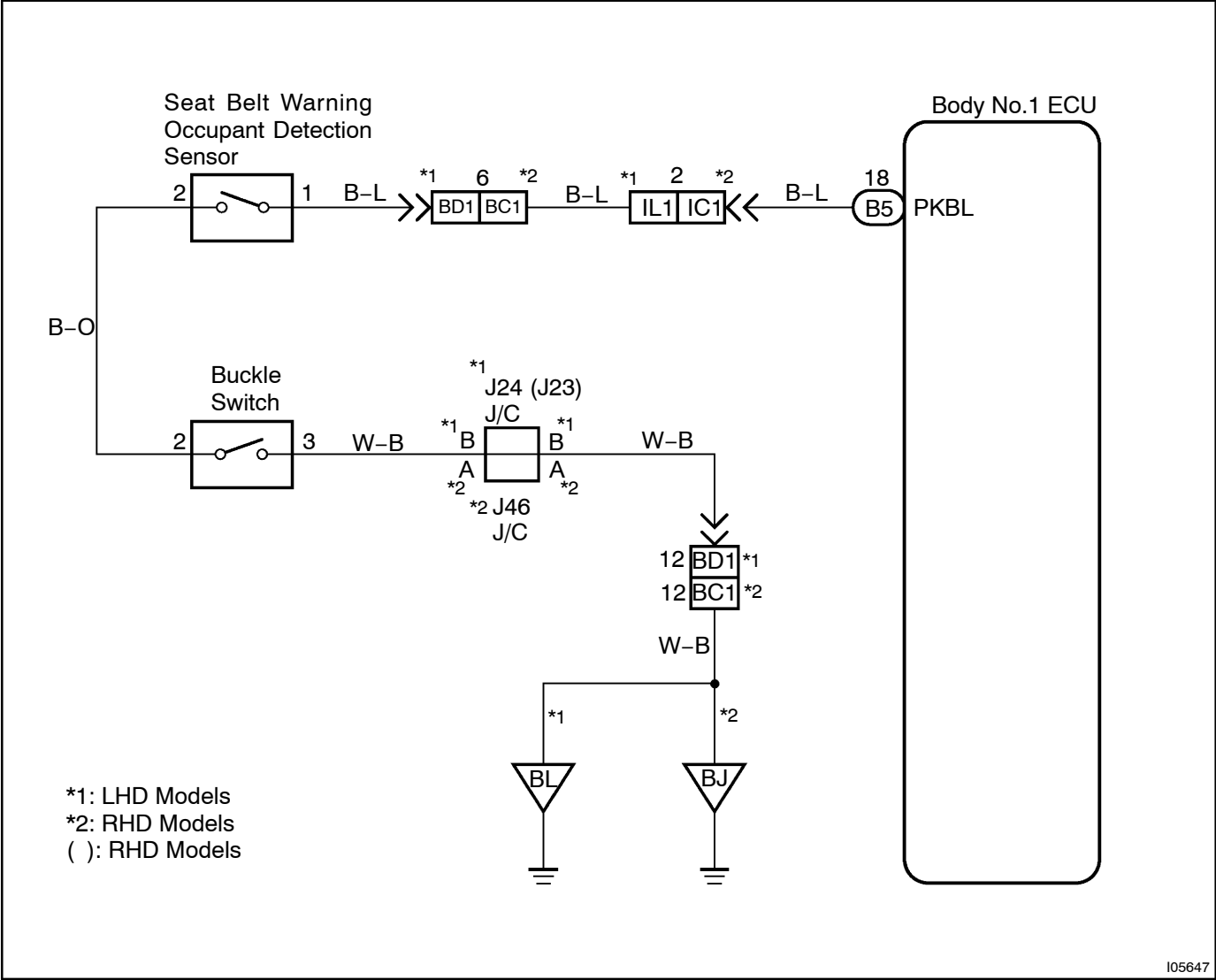DI29T–02

Passenger buckle switch and seat belt warning occupant detection sensor

CIRCUIT DESCRIPTION

This circuit detects the conditions of the passenger buckle switch and the seat belt warning occupant detection sensor, and makes the passenger seat belt warning flash.

WIRING DIAGRAM

*1: LHD Models
*2: RHD Models
( ): RHD Models

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INSPECTION PROCEDURE

HINT:

In case of using the LEXUS hand–held tester, start the inspection from step 1 and in case of not using the LEXUS hand–held tester, start from step 2.

1	Check passenger buckle switch and seat switch using LEXUS hand–held tester.

PREPARATION:

Connect the LEXUS hand–held tester to the DLC 3.

CHECK:

Check the passenger buckle switch and seat switch using DATA LIST.

OK:

Passenger condition	Seat switch	Passenger buckle switch	P seat buckle SW (Tester display)
With passenger, no seat belt on	ON	ON	ON
With passenger, with seat belt on	ON	OFF	OFF
No passenger, no seat belt on	OFF	ON	OFF
No passenger, with seat belt on.	OFF	OFF	OFF

OK	Proceed to next circuit inspection shown on problem symptoms table.(See page DI–616)

NG

2	Check passenger buckle switch. (See page BE–105)

NG	Replace the passenger buckle switch.

OK

3	Check seat belt warning occupant Detection sensor. **(See page BE–105)**

NG ⟩ Replace the seat belt warning occupant Detection sensor.

OK

4	Check wireharness and connector between seat belt warning occupant Detection sensor and body No.1 ECU, passenger buckle switch and seat belt warning occupant Detection sensor, passenger buckle switch and body ground.

NG ⟩ Repair or replace wireharness or connector.

OK

Proceed to next circuit inspection shown on problem symptoms table.
(See page DI–616)