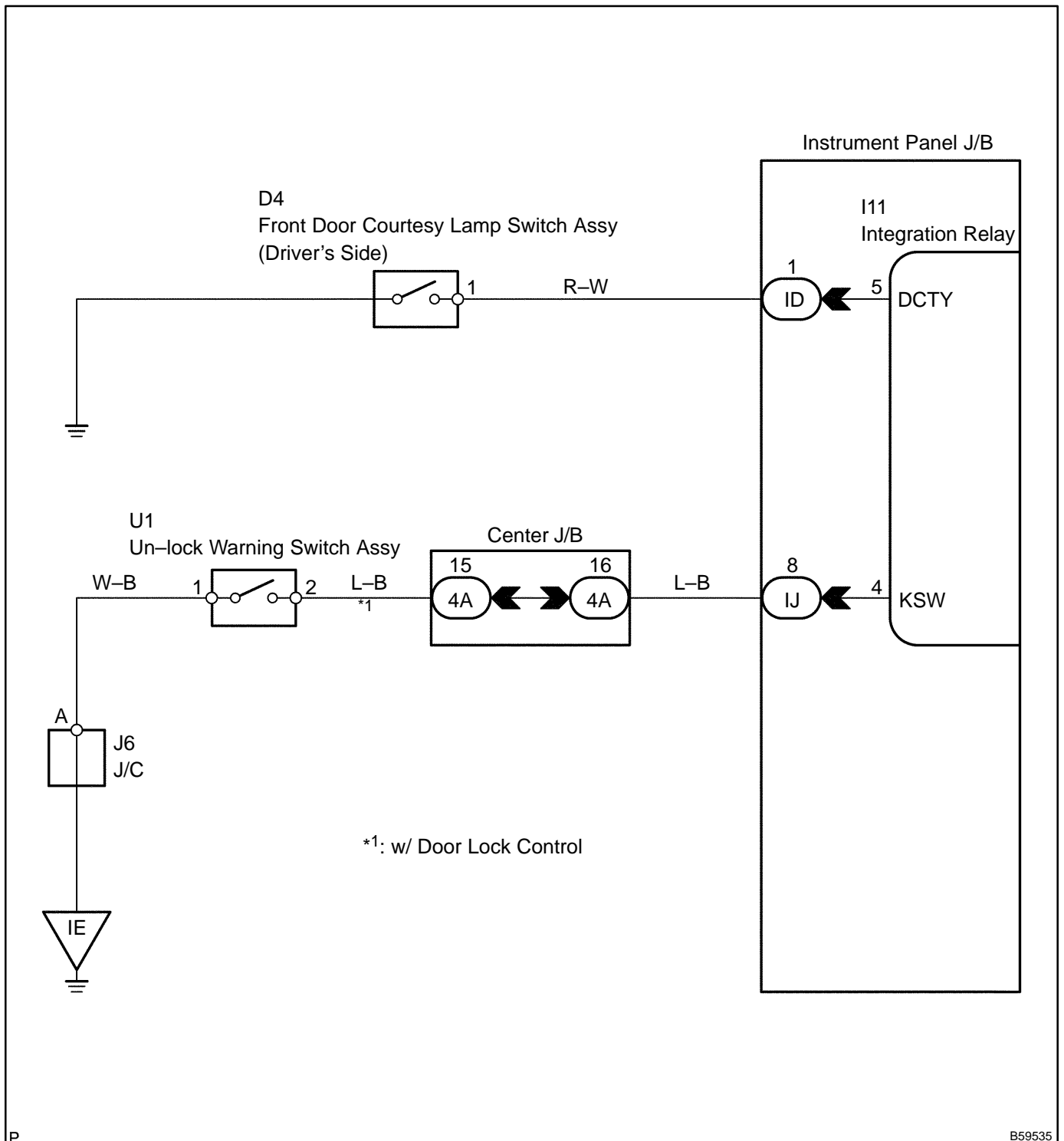


KEY CONFINEMENT PREVENTION FUNCTION DOES NOT WORK PROPERLY (UNLOCK WARNING SWITCH CIRCUIT)

CIRCUIT DESCRIPTION

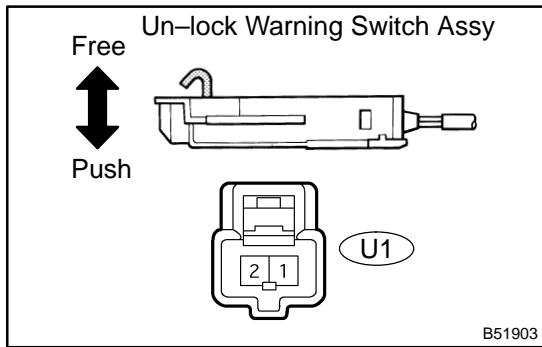
The unlock warning switch turns on when the key is inserted in the ignition key cylinder and the door courtesy switch turns on when the driver's door is opened, and the integration relay monitors both switches conditions. According to these switches conditions, the integration relay controls the door locking operation not to lock the doors while both switches are on, in order to prevent the key from being confined.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 INSPECT UN-LOCK WARNING SWITCH ASSY



- (a) Remove the un-lock warning switch assy.
- (b) Inspect the un-lock warning switch assy continuity, as shown in the illustration and table.

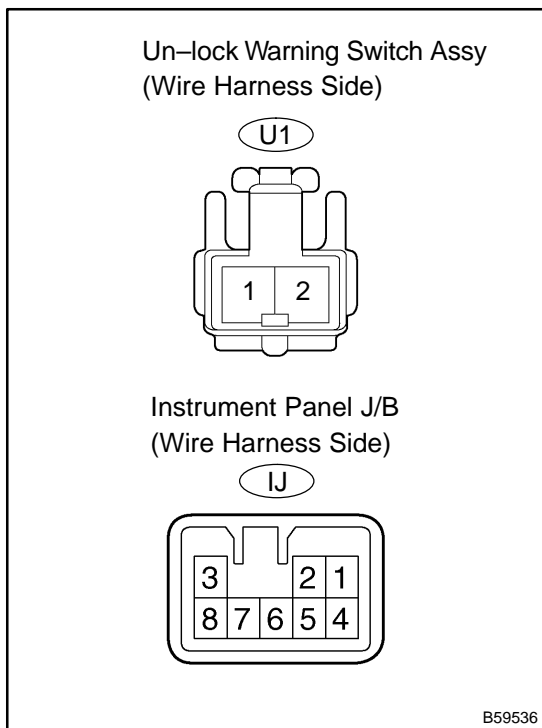
Standard:

Terminal No.	Condition	Specified condition
U1-1 ↔ U1-2	Free	No continuity
	Push	Continuity

NG → REPLACE UN-LOCK WARNING SWITCH ASSY

OK

2 CHECK WIRE HARNESS (UN-LOCK WARNING SWITCH ↔ INSTRUMENT PANEL J/B)



- (a) Disconnect the un-lock warning switch assy and instrument panel J/B connectors.
- (b) Check the continuity between the terminals of the un-lock warning switch assy and instrument panel J/B connectors, as shown in the illustration and table.

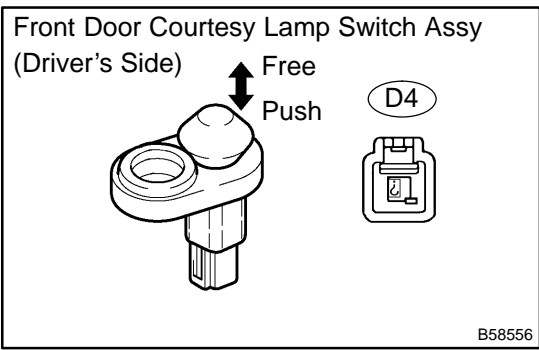
Standard (Check for open):

Symbols (Terminal No.) (Un-lock warning switch ↔ Instrument panel J/B)	Specified condition
(U1-2) ↔ KSW (IJ-8)	Continuity
(U1-1) ↔ Body ground	

NG → REPAIR OR REPLACE WIRE HARNESS AND CONNECTOR

OK

3 INSPECT FRONT DOOR COURTESY LAMP SWITCH ASSY (DRIVER'S SIDE)



- (a) Remove the courtesy lamp switch.
- (b) Inspect the courtesy lamp switch continuity, as shown in the illustration and table.

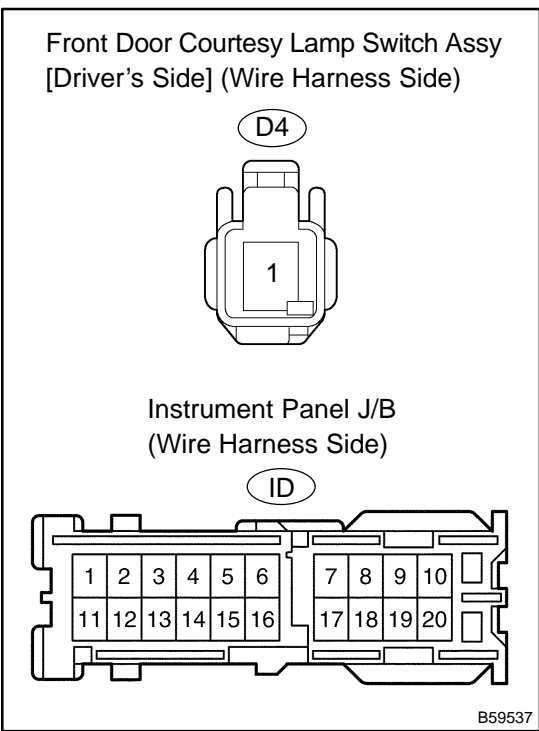
Standard:

Terminal No.	Condition	Specified condition
D4-1 ↔ Body ground	Free	Continuity
	Push	No continuity

NG → **REPLACE FRONT DOOR COURTESY LAMP SWITCH ASSY**

OK

4 CHECK WIRE HARNESS (FRONT DOOR COURTESY LAMP SWITCH ASSY [DRIVER'S SIDE] ↔ INSTRUMENT PANEL J/B)



- (a) Disconnect the courtesy lamp switch and instrument panel J/B connectors.
- (b) Check the continuity between the terminals of the courtesy lamp switch and instrument panel J/B connectors, as shown in the illustration and table.

Standard (Check for open):

Symbols (Terminal No.) (Courtesy lamp switch ↔ Instrument panel J/B)	Specified condition
(D4-1) ↔ DCTY (ID-1)	Continuity

NG → **REPAIR OR REPLACE WIRE HARNESS AND CONNECTOR**

OK

REPLACE INTEGRATION RELAY