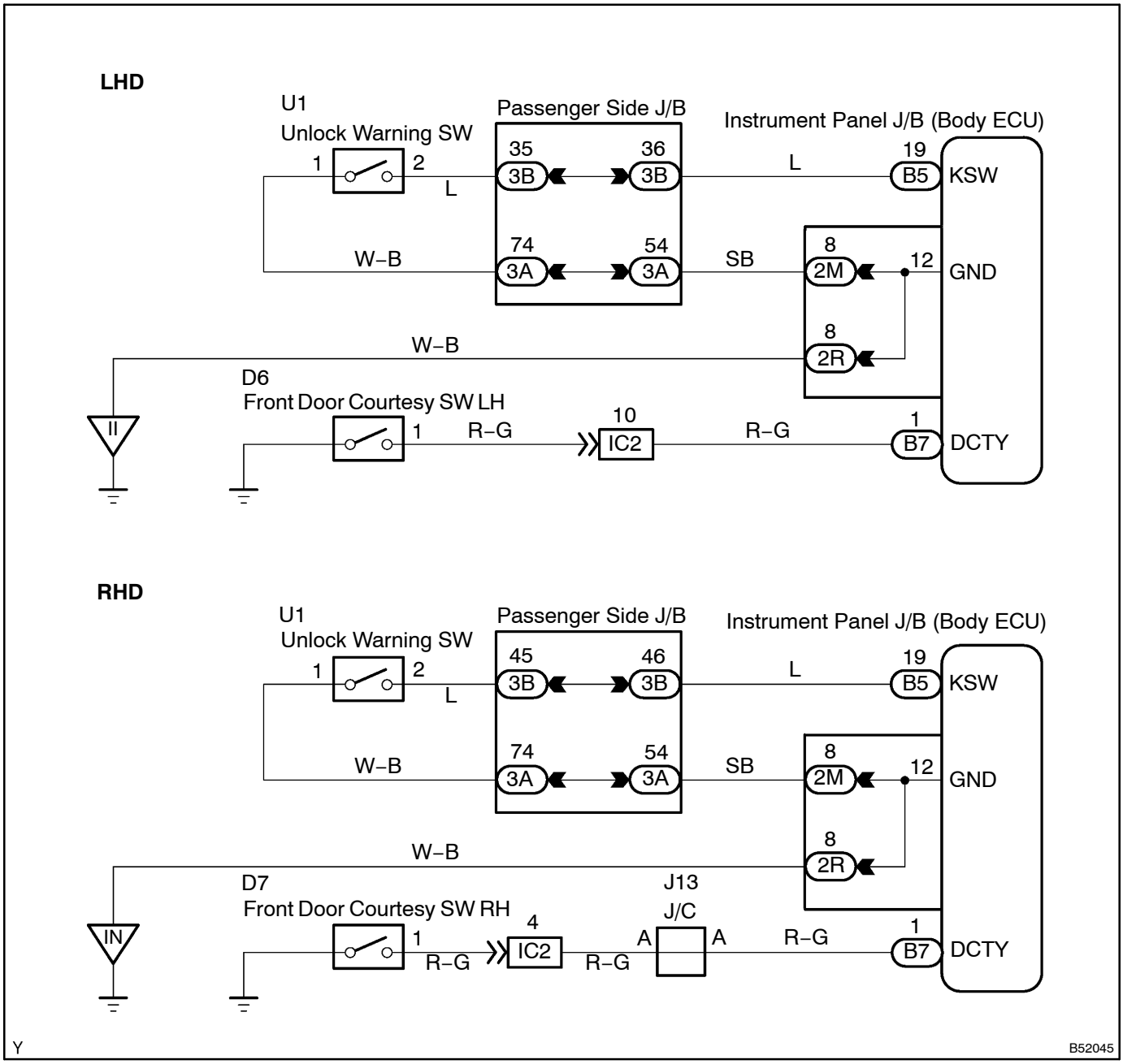
# KEY CONFINEMENT PREVENTION FUNCTION DOES NOT WORK PROPERLY (MANUAL OPERATION AND INTERLOCKED WITH KEY ARE ACTIVE)

HINT:
In the RHD vehide, work in the same procedure as in the LHD vehicle.

## CIRCUIT DESCRIPTION

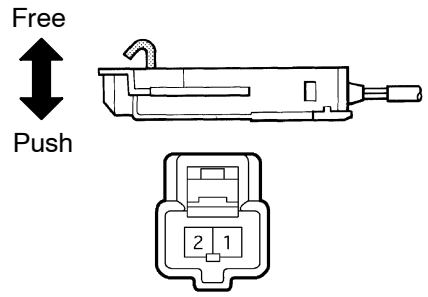
Body ECU senses, by the unlock warning switch, that the key is in the key cylinder. Because of this, the body ECU will unlock all the doors immediately after locking them if a door is locked while the key is in the key cylinder.

## WIRING DIAGRAM



# INSPECTION PROCEDURE

## 1 INSPECT UN–LOCK WARNING SWITCH ASSY




(a) Inspect the unlock warning switch continuity.
**Standard:**

| Terminal No. | Condition | Specified condition |
|---|---|---|
| 1 ⇔ 2 | Switch OFF (Key removed) | No continuity |
| | Switch ON (Key set) | Continuity |

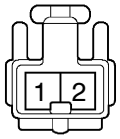
**NG** → **REPLACE UN–LOCK WARNING SWITCH ASSY**

**OK**

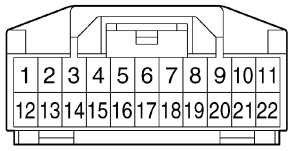
## 2 CHECK WIRE HARNESS

**Wire Harness Side**

U1
Unlock Warning SW




B5
Instrument Panel J/B (Body ECU)




B52060

(a) Disconnect the B5 body ECU and U1 unlock warning switch connectors.
(b) Check the continuity between the disconnected connectors.
**Standard:**

| Terminal No. | Specified condition |
|---|---|
| B5–19 ⇔ U1–2 | Continuity |

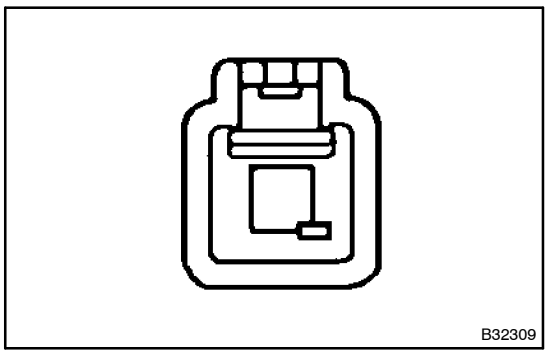
(c) Check the continuity between the unlock warning switch connector and the body ground.
**Standard:**

| Terminal No. | Specified condition |
|---|---|
| U1–1 ⇔ Body Ground | Continuity |

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

**OK**

## 3 INSPECT FRONT DOOR COURTESY LAMP SWITCH ASSY




(a) Inspect the continnuity of the door courtesy switch (driver side) continuity.

**Standard:**

| Terminal No. | Condition | Specified condition |
|---|---|---|
| 1 – Body Ground | Push | No continuity |
| | Free | Continuity |

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

**OK**

## 4 CHECK WIRE HARNESS

**Wire Harness Side**

*1 D6

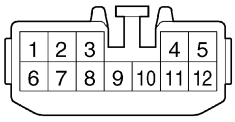
*2D7

Front Door Courtesy SW




B6

Body ECU (Driver Side J/B)




*1: LHD

*2: RHD

B52061

(a) Disconnect the D6 or D7 front door courtesy switch connector.

(b) Disconnect the B6 connector from the driver side J/B.

(c) Check the continuity between the disconnected connectors.

**Standard (LHD):**

| Symbols (Terminal No.) | Specified condition |
|---|---|
| DCTY (B7–1) ⇔ D6–1 | Continuity |

**Standard (RHD):**

| Symbols (Terminal No.) | Specified condition |
|---|---|
| DCTY (B7–1) ⇔ D7–1 | Continuity |

(d) Check the continuity between the front door courtesy switch disconnected connector and the body ground.

**Standard (LHD):**

| Terminal No. | Specified condition |
|---|---|
| D6–1 ⇔ Body ground | Continuity |

**Standard (RHD):**

| Terminal No. | Specified condition |
|---|---|
| D7–1 ⇔ Body ground | Continuity |

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

**OK**

**REPLACE INSTRUMENT PANEL JUNCTION BLOCK ASSY**