

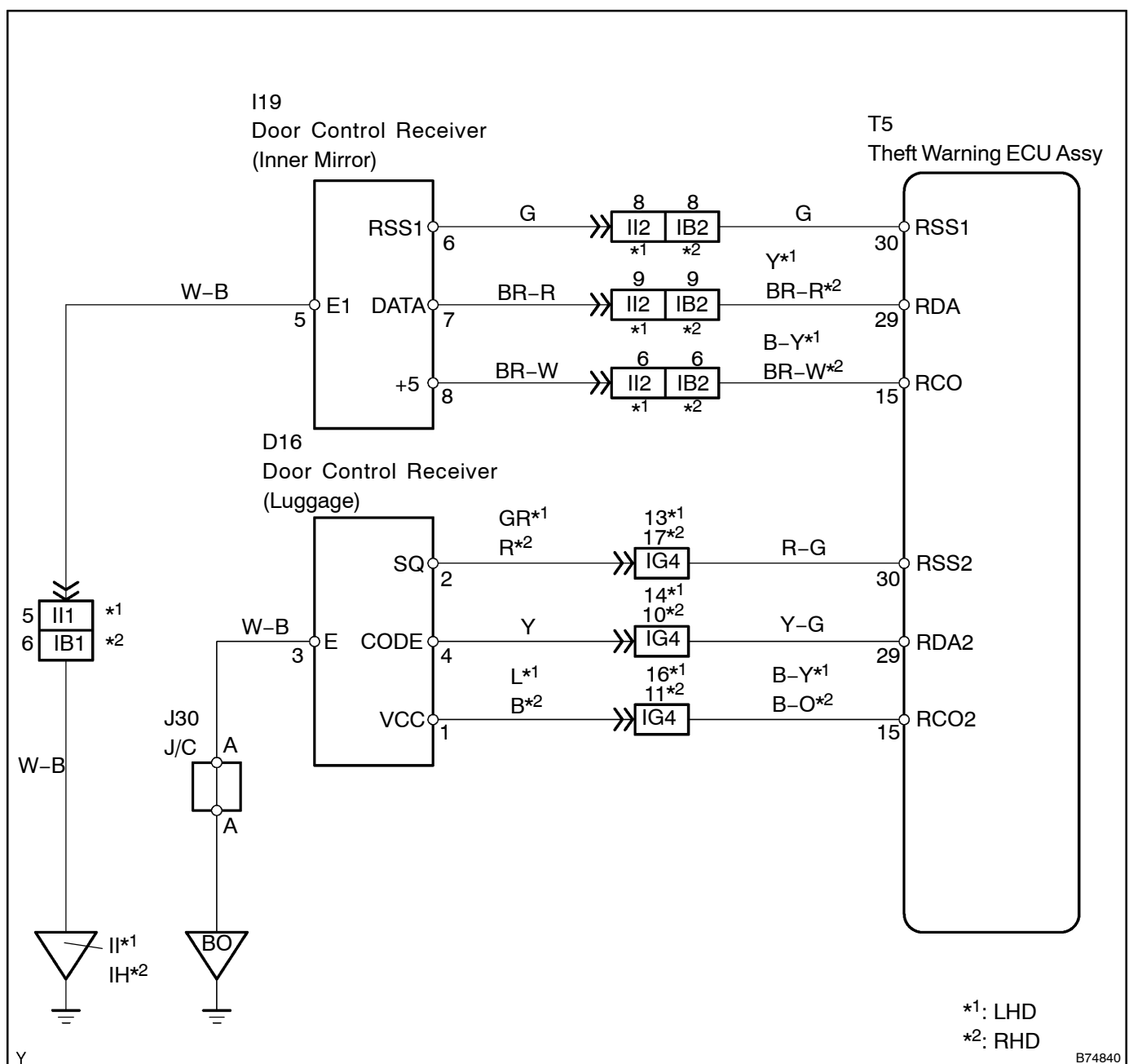
<b>DTC</b>	<b>B1242</b>	<b>WIRELESS DOOR LOCK TUNER CIRCUIT MALFUNCTION</b>
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## CIRCUIT DESCRIPTION

This DTC is detected when: 1) GND short occurs on the RDA or RSS1 lines of the door lock receiver; and/or GND short occurs on the RDA2 or RSS2 lines of the door lock receiver. If this DTC is detected, check the circuit that has communication malfunction.

DTC No.	DTC Detection Condition	Trouble Area
B1242	Ground short terminal RDA or RSS1 and/or RDA2 or RSS2	<ul style="list-style-type: none"> <li>• Door control receiver (inner mirror)</li> <li>• Door control receiver (luggage)</li> <li>• Wire harness</li> <li>• Theft warning ECU assy</li> </ul>

## WIRING DIAGRAM



# INSPECTION PROCEDURE

## 1 CHECK WIRELESS DOOR LOCK CONTROL FUNCTIONS (See page 05-2882)

Result	Proceed To
Wireless door lock control functions (power door LOCK/UNLOCK , power window OPEN and remote panic* functions) cannot operate.	A
Wireless door lock control function (luggage compartment door open function) cannot operate.	B

\*: Australia Only

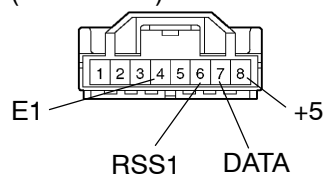
**B** Go to step 4

**A**

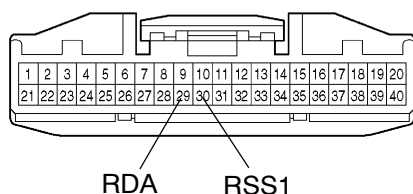
## 2 CHECK WIRE HARNESS (DOOR CONTROL RECEIVER (INNER MIRROR) – THEFT WARNING ECU ASSY) (DOOR CONTROL RECEIVER (INNER MIRROR) OR THEFT WARNING ECU ASSY – BODY GROUND)

### Wire Harness Side

I19  
Door Control Receiver  
(Inner Mirror)



T5  
Theft Warning ECU Assy



- Disconnect the T5 ECU connector.
- Disconnect the I19 receiver connector.
- Measure the resistance of the wire harness side connectors.

### Standard:

Tester Connection	Specified Condition
I19-7 (DATA) – T5-29 (RDA)	Below 1 $\Omega$
I19-6 (RSS1) – T5-30 (RSS1)	Below 1 $\Omega$
I19-8 (+5) – Body ground	Below 1 $\Omega$
I19-5 (E1) – Body ground	Below 1 $\Omega$
I19-7 (DATA) or T5-29 (RDA) – Body ground	10 k $\Omega$ or higher
I19-6 (RSS1) or T5-30 (RSS1) – Body ground	10 k $\Omega$ or higher

**NG** REPAIR OR REPLACE HARNESS AND CONNECTOR

**OK**

## 3 REPLACE DOOR CONTROL RECEIVER

- Check that no DTC is output.  
**OK: DTC is not output.**

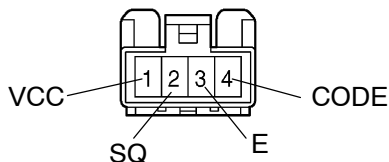
**NG** REPLACE THEFT WARNING ECU ASSY

**OK**

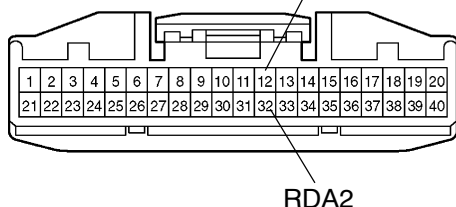
**END**

**4 CHECK WIRE HARNESS (DOOR CONTROL RECEIVER (LUGGAGE)- THEFT WARNING ECU ASSY) (DOOR CONTROL RECEIVER (LUGGAGE) OR THEFT WARNING ECU ASSY - BODY GROUND)****Wire Harness Side**

D16  
Door Control Receiver  
(Luggage)



T5  
Theft Warning ECU Assy  
RSS2



Y

B74810

**OK**

- (a) Disconnect the T5 ECU connector.
- (b) Disconnect the D16 receiver connector.
- (c) Measure the voltage and resistance of the wire harness side connectors.

**Standard:**

Tester Connection	Specified Condition
D16-4 (CODE) - T5-32 (RDA2)	Below 1 $\Omega$
D16-2 (SQ) - T5-12 (RSS2)	Below 1 $\Omega$
D16-1 (VCC) - Body ground	Below 1 $\Omega$
D16-3 (E) - Body ground	Below 1 $\Omega$
D16-4 (CODE) or T5-32 (RDA2) - Body ground	10 k $\Omega$ or higher
D16-2 (SQ) or T5-12 (RSS2) - Body ground	10 k $\Omega$ or higher

**NG****REPAIR OR REPLACE HARNESS AND CONNECTOR****5 REPLACE DOOR CONTROL RECEIVER**

- (a) Check that no DTC is output.  
**OK: DTC is not output.**

**NG****REPLACE THEFT WARNING ECU ASSY****OK****END**