

<b>DTC</b>	<b>B2762</b>	<b>INTRUSION SENSOR SIGNAL CIRCUIT MALFUNCTION (EUROPE MODELS)</b>
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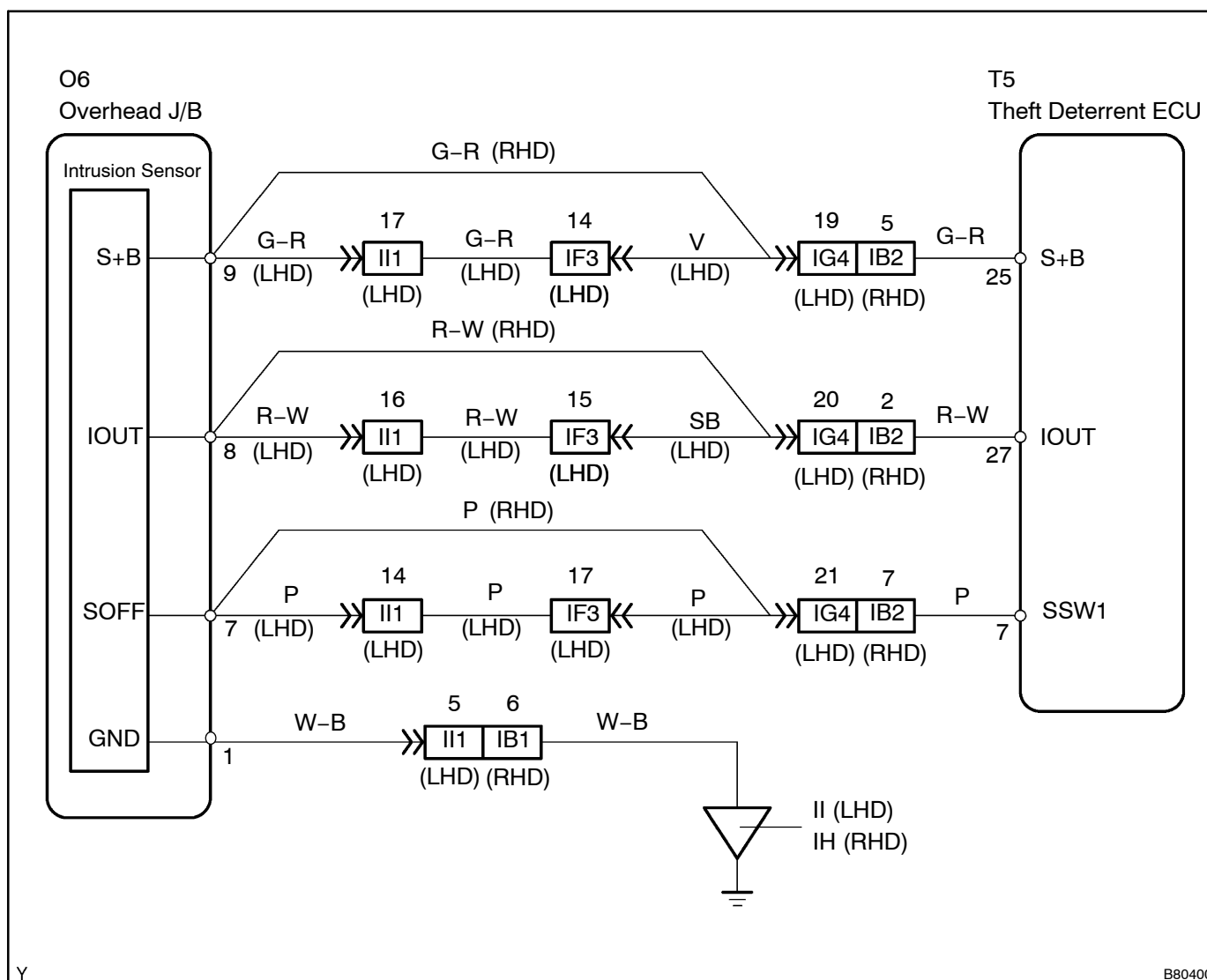
## CIRCUIT DESCRIPTION

The intrusion sensor conducts self-diagnosis immediately after power is supplied to the sensor (when the theft deterrent system is set).

If a malfunction is detected in the IOUT line, the theft deterrent ECU outputs this DTC.

DTC No.	DTC Detection Condition	Trouble Area
B2762	After normal/trouble signal is output from the intrusion sensor as result of self - diagnosis, following malfunctions are detected: 1. IOUT circuit is open 2. Reception of signals other than normal/trouble signal	<ul style="list-style-type: none"> <li>• Intrusion sensor</li> <li>• Wire harness</li> <li>• Theft deterrent ECU</li> </ul>

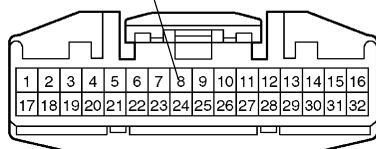
## WIRING DIAGRAM



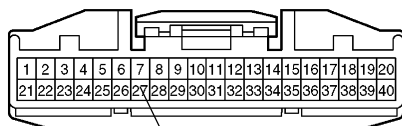
## INSPECTION PROCEDURE

**1 CHECK WIRE HARNESS (OVERHEAD J/B (INTRUSION SENSOR) – THEFT DETERRENT ECU AND BODY GROUND)****Wire Harness Side**

O6  
Overhead J/B  
IOUT



T5  
Theft Deterrent ECU



IOUT

Y

B79762

- (a) Disconnect the O6 J/B connector.
- (b) Disconnect the T5 ECU connector.
- (c) Measure the resistance between the wire harness side connectors and body ground.

**Standard:**

Tester Connection	Specified Condition
O6-8 (IOUT) – T5-27 (IOUT)	Below 1 $\Omega$
O6-8 (IOUT) – Body ground	10 k $\Omega$ or higher

**NG****REPAIR OR REPLACE HARNESS AND CONNECTOR****OK****2 CHECK INTRUSION SENSOR**

- (a) Check that the DTC disappears when a normally functioning intrusion sensor is installed.

**OK: DTC B2762 is not output.****NG****REPLACE THEFT DETERRENT ECU****OK****REPLACE INTRUSION SENSOR**