

DTC	B2775	INTERIOR VERIFICATION ABNORMAL (TO THEFT DETERRENT ECU)
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CIRCUIT DESCRIPTION

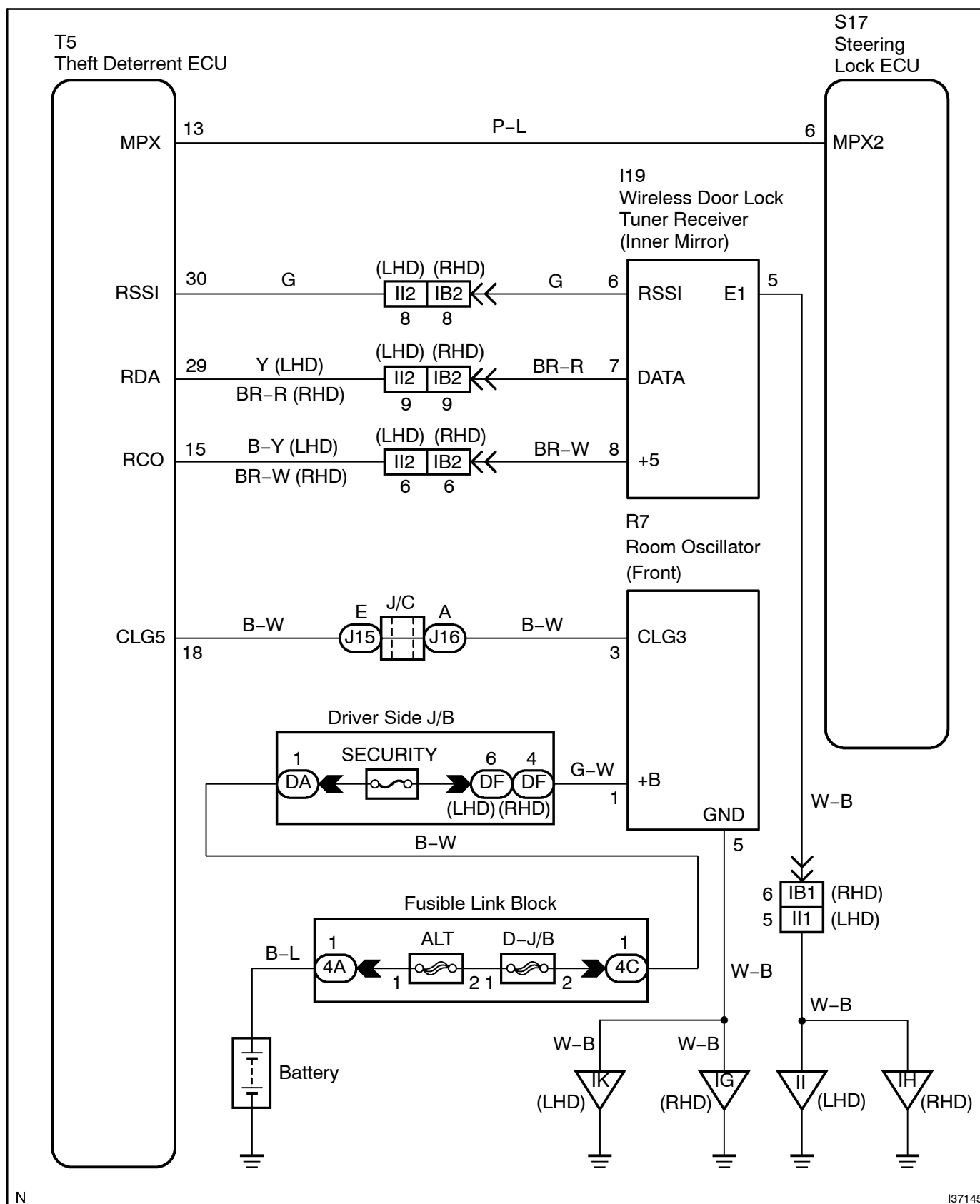
The steering lock ECU communicates through BEAN with the theft deterrent ECU on whether or not interior verification is performed. The steering lock ECU detects this DTC when a trouble is detected in this communication. The following conditions are also considered as communication errors and this DTC is output.

- When either the theft deterrent ECU or the steering lock ECU is replaced, the replaced ECU's COMMUNICATION ID is different from the other ECU's. (Be sure to register the COMMUNICATION ID again when either ECU is replaced.)
- Interior verification in the theft deterrent ECU fails.
(Ex. 1. Interior verification is performed with the key outside the interior verification area,
2. The smart key is in a place where the room oscillator wave cannot reach,
3. The smart key battery is shut off, etc.)

This DTC is automatically cleared when the interior verification's normal operation is confirmed in the communication between the steering lock ECU and the theft deterrent ECU. (When smart ignition is performed normally, interior verification operation is considered normal.)

DTC No.	DTC Detecting Condition	Trouble Area
B2775	<ul style="list-style-type: none"> • COMMUNICATION ID is different in communication with theft deterrent ECU. • No response or abnormal response to communication with the theft deterrent ECU 	<ul style="list-style-type: none"> • Smart key • Wire harness • Theft Deterrent ECU • Steering Lock ECU

WIRING DIAGRAM



INSPECTION PROCEDURE

1 CHECK SMART KEY SYSTEM

- (a) Clear the stored DTCs in the memory (see page 05-737).
- (b) Check that all smart keys the user has can start the engine.

Result:

A	A specific key does not start the engine.
B	All keys do not start the engine.

A

A SPECIFIC KEY IS FAULTY OR UNREGISTERED

- HINT:
- In this case, the following three causes are suspected.
- (1) Key battery is shut off. Replace the battery.
 - (2) Key is faulty. Replace the key.
 - (3) Key is unregistered. Register the key.

B

INTERIOR VERIFICATION-RELATED COMPONENTS ARE FAULTY

HINT:

In this case, the room oscillator, the wireless tuner and the theft deterrent ECU are probably faulty. Therefore, proceed to the troubleshooting in "Smart Ignition cannot be performed" in the problem symptoms table for the theft deterrent system (see page 05-3074).