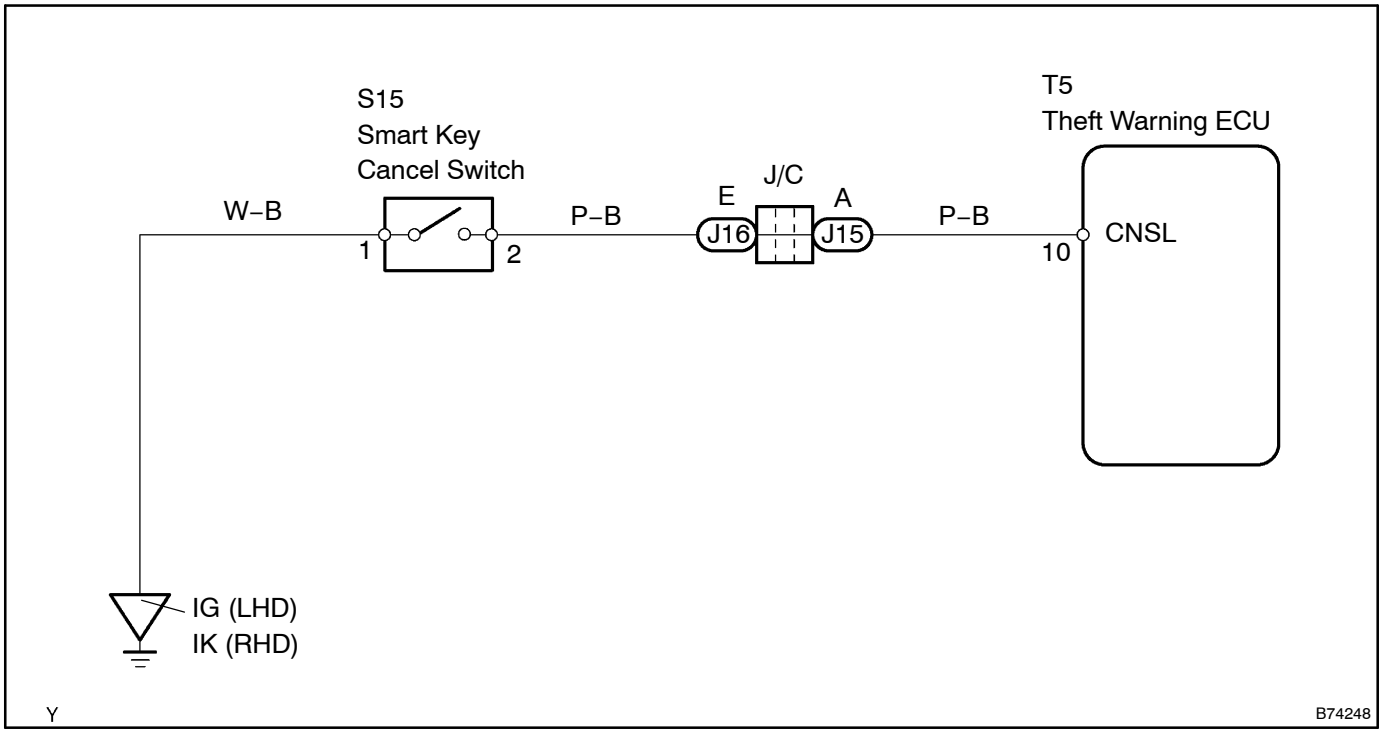
SMART KEY CANCEL SWITCH CIRCUIT

CIRCUIT DESCRIPTION

The smart key cancel switch is located on the lower part of the instrument panel. Pressing this switch stops all smart key functions.

If the smart key functions cannot be canceled by pressing the cancel switch or the entire smart system does not operate when the cancel switch is off, this circuit may be malfunctioning.

WIRING DIAGRAM



INSPECTION PROCEDURE

1	READ VALUE OF INTELLIGENT TESTER II

(a) Connect the intelligent tester II to the DLC3.
(b) Turn the ignition switch ON and press the intelligent tester II main switch ON.
(c) Select the items below in the DATA LIST and read the displays on the intelligent tester II.

Theft warning ECU:

Item	Measurement Item/ Display (Range)	Normal Condition	Diagnostic Note
Smart key Switch	Smart key switch signal/ ON or OFF	ON: Smart key cancel switch is pressed OFF: Smart key cancel switch is not pressed	–

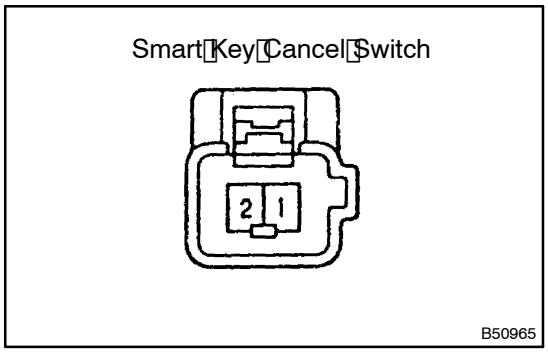
OK: "OFF" (smart key cancel switch is not pressed) appears on the screen.

NG → **Go to step 2**

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOMS TABLE
(See page 05–2634)

2	INSPECT SMART KEY CANCEL SWITCH ASSY



(a) Remove the smart key cancel switch assy.
(b) Measure the switch resistance.

Standard:

Tester Connection	Condition	Specified Condition
1 – 2	Switch pushed	10 or kΩ higher
1 – 2	Switch not pushed	Below 1 Ω

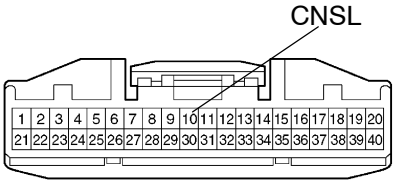
NG → **REPLACE SMART KEY CANCEL SWITCH**

OK

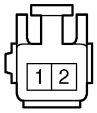
3	CHECK WIRE HARNESS (SMART KEY CANCEL SWITCH ASSY – THEFT WARNING ECU AND BODY GROUND)

Wire Harness Side

T5
Theft Warning ECU



S15
Smart Key Cancel Switch



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(a) Disconnect the T5 ECU connector.
(b) Disconnect the S15 switch connector.
(c) Measure the resistance of between the wire harness side connector.

Standard:

Tester Connection	Specified Condition
S15–2 – T5–10 (CNSL)	Below 1 Ω
S15–1 – Body ground	Below 1 Ω

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

OK

REPLACE THEFT WARNING ECU