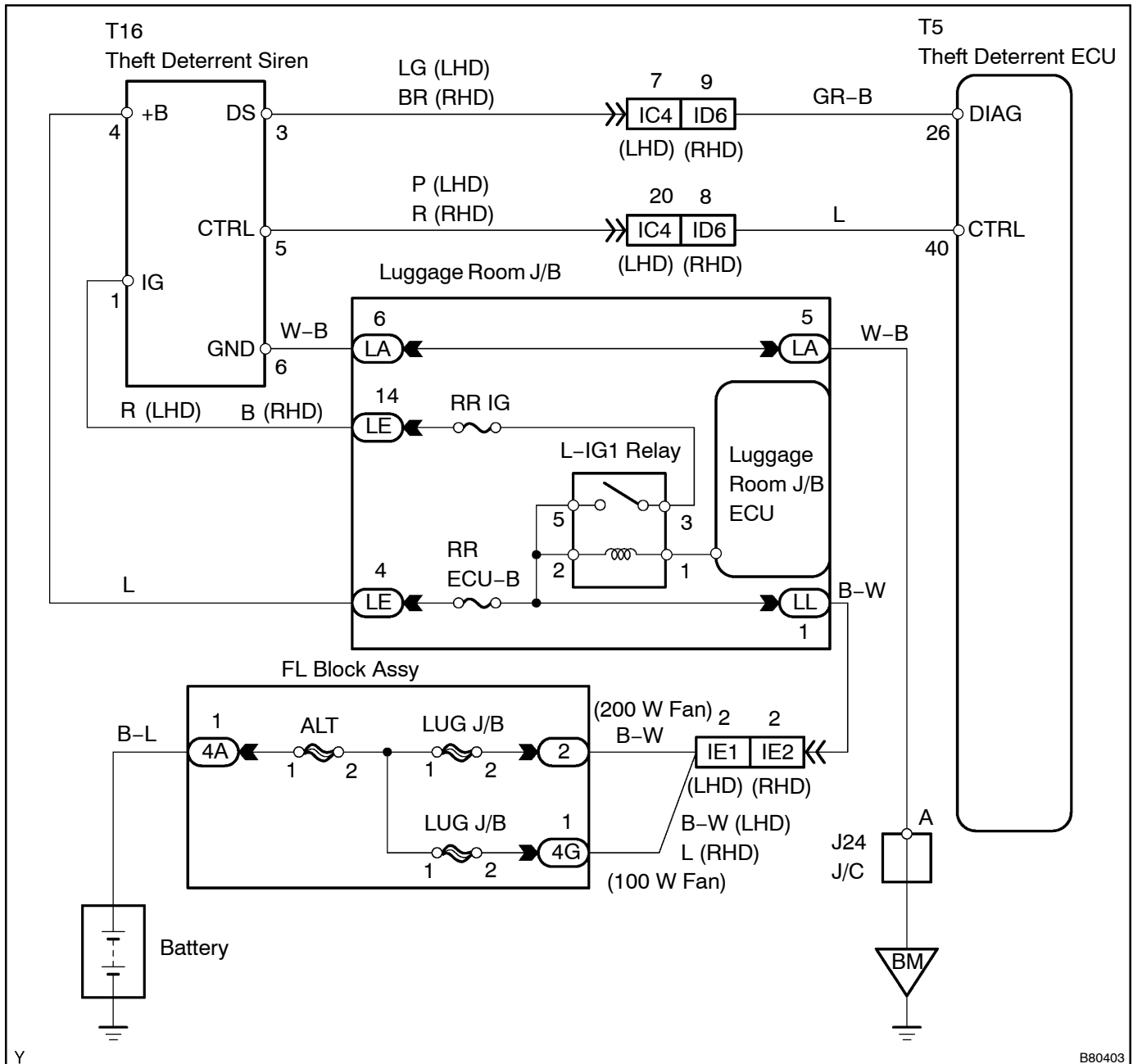


THEFT WARNING SIREN CIRCUIT

CIRCUIT DESCRIPTION

The self powered theft deterrent siren sounds and stops the alarm according to the signals from the theft deterrent ECU. The CPU and the battery are built into the theft deterrent siren. Breakdown of the power source circuit, or ground circuit the communication circuit (CTLS), which are connected to the theft deterrent ECU, is interpreted as a theft occurrence. The theft deterrent ECU then starts sounding the siren.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 PERFORM ACTIVE TEST USING 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 item below in the ACTIVE TEST and then check that the siren operates.

Theft deterrent ECU:

Item	Test Details	Diagnostic Note
THEFT DETERRENT SIREN	Sounds/Stop sounding	-

OK: Theft deterrent siren sounds during ACTIVE TEST.

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Go to step 2

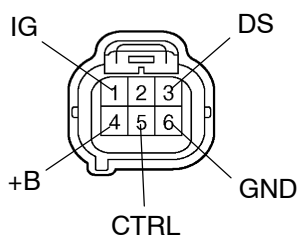
OK

REPLACE THEFT DETERRENT ECU

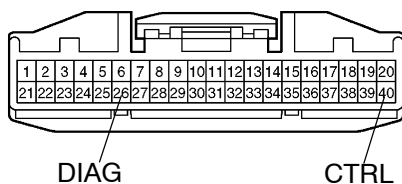
2 CHECK WIRE HARNESS (THEFT DETERRENT SIREN - THEFT DETERRENT ECU AND BODY GROUND)

Wire Harness Side

T16
Theft Deterrent SIREN



T5
Theft Deterrent ECU



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- (a) Disconnect the T16 siren connector.
- (b) Disconnect the T5 ECU connector.
- (c) Measure the voltage and resistance of the wire harness side connectors.

Standard:

Tester Connection	Condition	Specified Condition
T16-3 (DS) - T5-26 (DIAG)	Constant	Below 1 Ω
T16-5 (CTRL) - T5-40 (CTRL)	Constant	Below 1 Ω
T16-4 (+B) - Body ground	Constant	10 to 14 V
T16-1 (IG) - Body ground	Ignition switch ON	10 to 14 V
T16-6 (GND) - Body ground	Constant	Below 1 Ω

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REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

3 CHECK THEFT DETERRENT SIREN

- (a) Check that the malfunction disappears when a normally functioning self powered theft deterrent siren is installed.

OK: Malfunction disappears.

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REPLACE THEFT DETERRENT ECU

OK

REPLACE THEFT DETERRENT SIREN