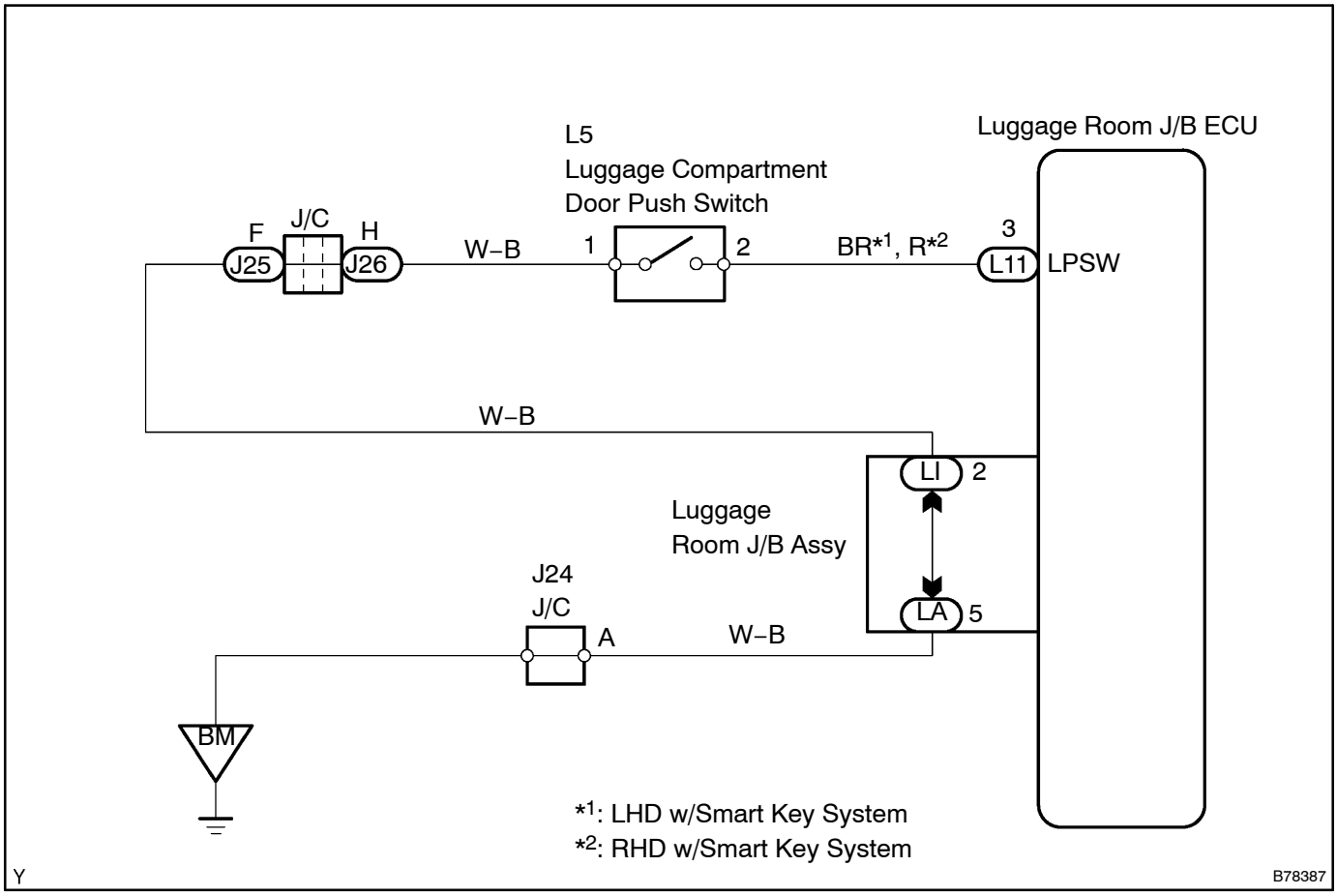
LUGGAGE ELECTRICAL KEY SWITCH (PUSH SWITCH) CIRCUIT (W/ SMART KEY SYSTEM)

CIRCUIT DESCRIPTION

Open and close operations of the luggage door is monitored, and the signals are sent to the luggage room J/B ECU.

WIRING DIAGRAM



INSPECTION PROCEDURE

1	READ VALUE OF INTELLIGENT TESTER II (LUGGAGE ELECTRICAL KEY SWITCH (PUSH SWITCH))

(a) Check the DATA LIST for proper functioning of the luggage electrical key switch.
Luggage room J/B ECU:

Item	Measurement Item / Display (Range)	Normal Condition	Diagnostic Note
Lugg Push SW	Luggage electrical key switch signal / ON or OFF	ON: Luggage electrical key switch is pushed OFF: Luggage electrical key switch is not pushed	–

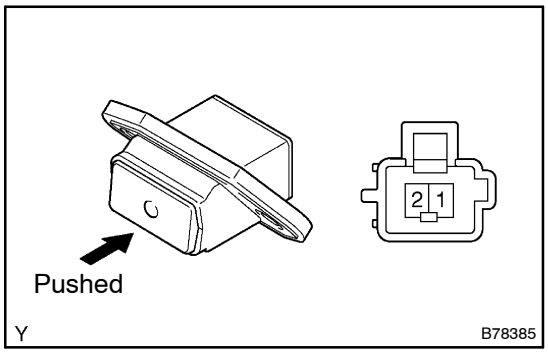
OK: "ON" (luggage electrical key switch is pushed) appears on the screen.

NG → **Go to step 2**

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOMS TABLE (See page 05–2782)

2	INSPECT LUGGAGE ELECTRICAL KEY SWITCH (PUSH SWITCH)



(a) Measure the resistance between the terminals of the connector when the switch is operated.
Standard:

Tester Connection	Switch Condition	Specified Condition
1 – 2	Pushed	Below 1 Ω
1 – 2	Not push	10 kΩ or higher

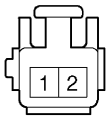
NG → **REPAIR LUGGAGE ELECTRICAL KEY SWITCH (PUSH SWITCH)**

OK

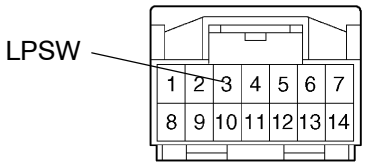
3	CHECK WIRE HARNESS (LUGGAGE ELECTRICAL KEY SWITCH (PUSH SWITCH) – LUGGAGE ROOM J/B ECU AND BODY GROUND)

Wire Harness Side

L5
Luggage Electrical Key Switch



L11
Luggage Room J/B ECU



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(a) Disconnect the L5 switch connector.
(b) Disconnect the L11 ECU connector.
(c) Measure the resistance of the wire harness side connectors.

Tester Connection	Specified Condition
L5–2 – L11–3 (LPSW)	Below 1 Ω
L5–1 – Body ground	Below 1 Ω

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

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOMS TABLE (See page 05–2782)