

DTC	C1787	ABSORBER CONTROL SWITCH CIRCUIT (TEST DIAGNOSIS)
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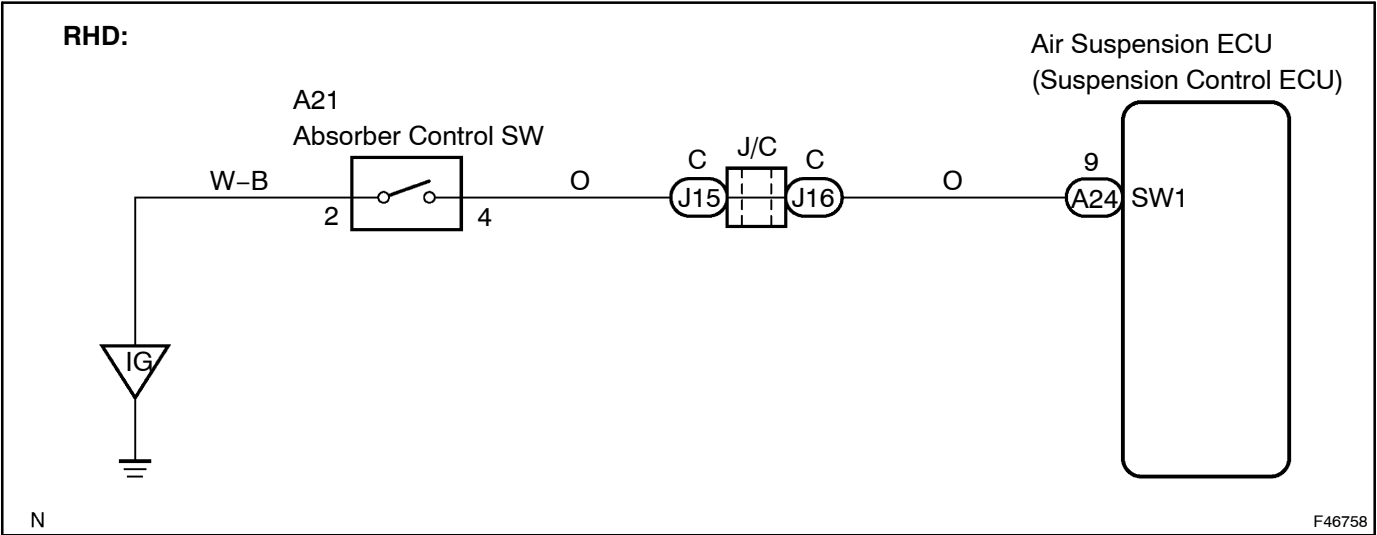
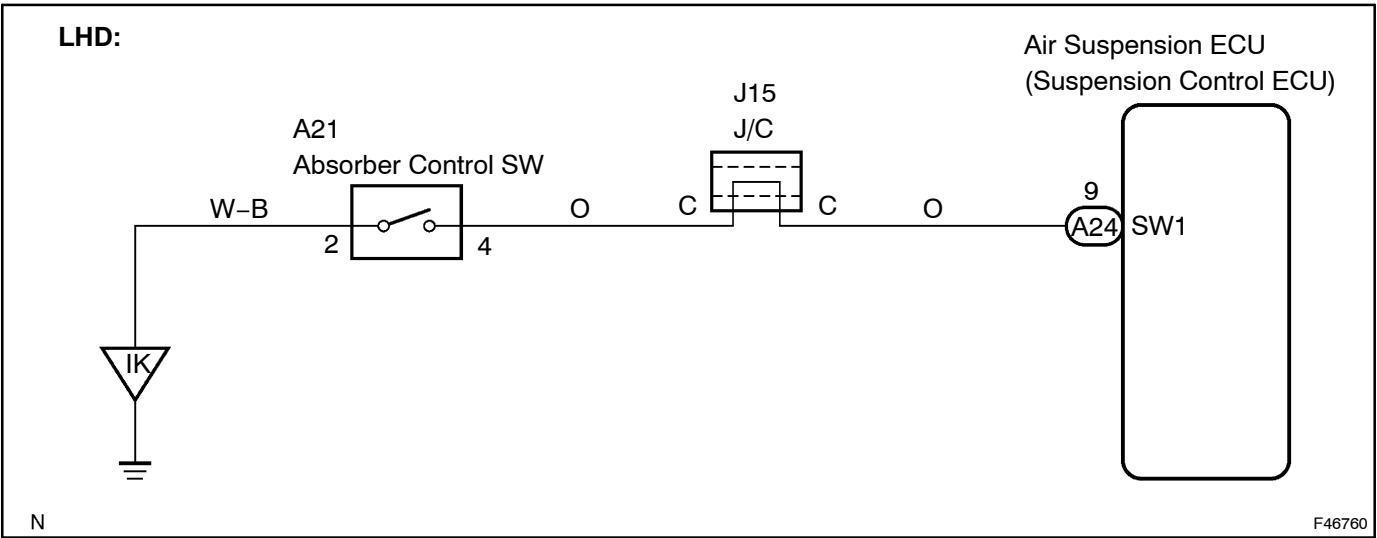
CIRCUIT DESCRIPTION

The absorber control switch used is to select the attenuation modes of the shock absorber. 2 levels of attenuation, "SPORT" and "NORM", are available.

DTC No.	DTC Detecting Condition	Trouble Area
C1787	Absorber control switch signal does not change.	• Absorber control switch • Absorber control switch circuit • Suspension control ECU

HINT:
DTC C1787 is output only in the test mode.

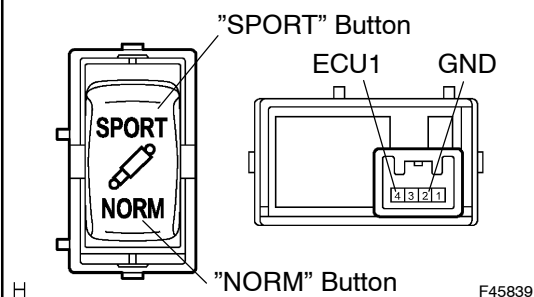
WIRING DIAGRAM



INSPECTION PROCEDURE

1 INSPECT ABSORBER CONTROL SWITCH

Absorber Control Switch:



- (a) Disconnect the absorber control switch connector.
 (b) Measure the resistance according to the value(s) in the table below.

Standard:

Switch Condition	Tester Connection	Specified Condition
"SPORT"	2 (GND) - 4 (ECU1)	Below 1 Ω
"NORM"	2 (GND) - 4 (ECU1)	10 k Ω or higher

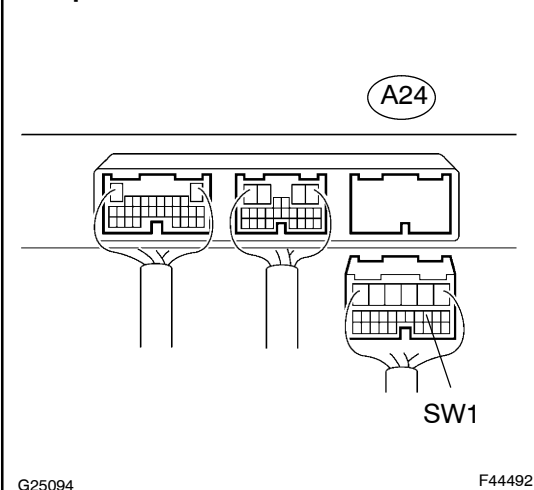
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REPLACE ABSORBER CONTROL SWITCH

OK

2 CHECK HARNESS AND CONNECTOR(SUSPENSION CONTROL ECU - ABSORBER CONTROL SWITCH) (SEE PAGE 01-44)

Suspension Control ECU:

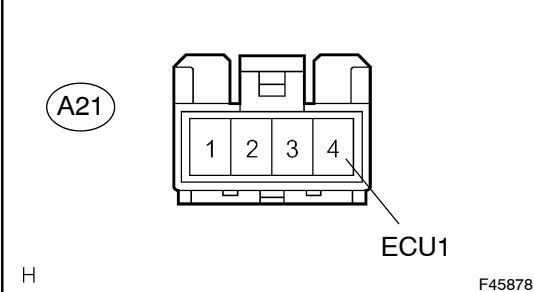


- (a) Disconnect the suspension control ECU A24 connector.
 (b) Measure the resistance according to the value(s) in the table below.

Standard:

Tester Connection	Specified Condition
A24-9 (SW1) - A21-4 (ECU1)	Below 1 Ω
A24-9 (SW1) - Body ground	10 k Ω or higher

Absorber Control Switch:



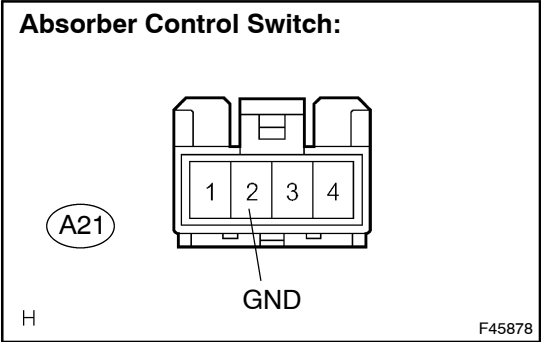
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REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

3

CHECK HARNESS AND CONNECTOR(ABSORBER CONTROL SWITCH - BODY GROUND) (SEE PAGE 01-44)



(a) Measure the resistance according to the value(s) in the table below.

Standard:

Tester Connection	Specified Condition
A21-2 (GND) - Body ground	Below 1Ω

NG

REPAIR OR
CONNECTOR

REPLACE HARNESS OR

OK

REPLACE SUSPENSION CONTROL ECU (SEE PAGE 25-20)