

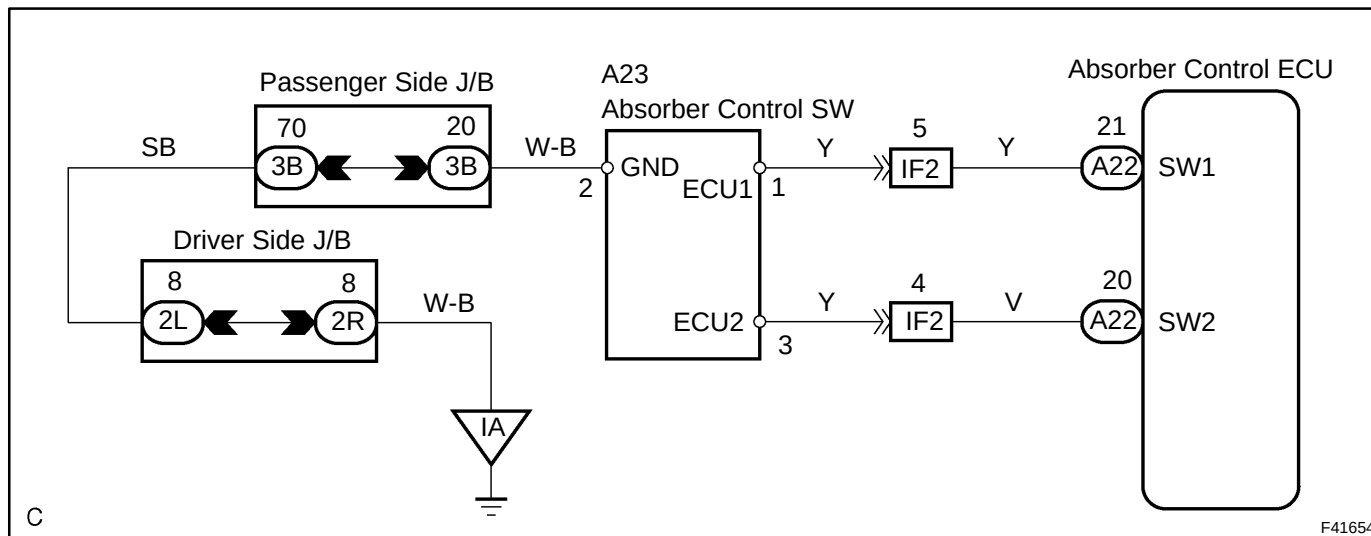
| DTC | C1787/87 | ABSORBER CONTROL SWITCH CIRCUIT |
|-----|----------|---------------------------------|
|-----|----------|---------------------------------|

## CIRCUIT DESCRIPTION

The absorber control switch is a switch which selects the damping force mode of shock absorber.

| DTC No.  | DTC Detecting Condition                         | Trouble Area                                                                                                                                           |
|----------|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| C1787/87 | Absorber control switch signal does not change. | <ul style="list-style-type: none"> <li>• Absorber control switch</li> <li>• Absorber control switch circuit</li> <li>• Absorber control ECU</li> </ul> |

## WIRING DIAGRAM



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F41654

## INSPECTION PROCEDURE

### HINT:

Start the inspection from the step 1 in case of using hand-held tester and start from step 2 in case of not using hand-held tester.

### 1 READ VALUE OF HAND-HELD TESTER

- Connect the hand-held tester to the DLC3.
- Turn the ignition switch ON and turn the hand-held tester main switch ON.
- Select the item "DAMPER SW1 (SW2)" in the DATA LIST and read its value displayed on the hand-held tester.
- Check that the acceleration value of the acceleration sensor observed in the hand-held tester is changing when the vehicle is bounced.

#### OK:

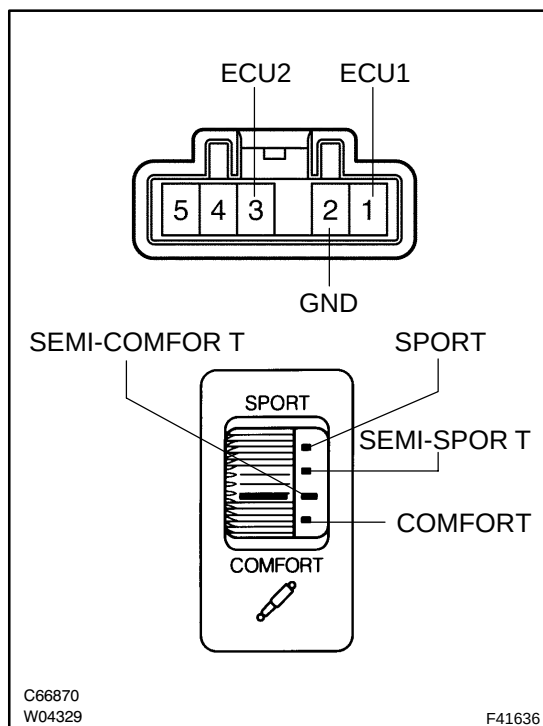
Absorber control switch value must be changing.

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**CHECK AND REPLACE ABSORBER CONTROL ECU(See page 01-31 )**

OK

### 2 INSPECT ABSORBER CONTROL SWITCH



- Disconnect the absorber control switch.
- Check the continuity between each terminal of the absorber control switch at each switch position.

#### OK:

#### Absorber control switch "SPORT" position:

| Terminal No. (Terminal name)  | Specification |
|-------------------------------|---------------|
| 1 (ECU1) - 2 (GND) - 3 (ECU2) | No continuity |

#### Absorber control switch "SEMI-SPORT" position:

| Terminal No. (Terminal name) | Specification |
|------------------------------|---------------|
| 2 (GND) - 3 (ECU2)           | Continuity    |

#### Absorber control switch "SEMI-COMFORT" position:

| Terminal No. (Terminal name)  | Specification |
|-------------------------------|---------------|
| 1 (ECU1) - 2 (GND) - 3 (ECU2) | Continuity    |

#### Absorber control switch "COMFORT" position:

| Terminal No. (Terminal name) | Specification |
|------------------------------|---------------|
| 1 (ECU1) - 2 (GND)           | Continuity    |

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**REPLACE ABSORBER CONTROL SWITCH**

OK

|          |                                                                                    |
|----------|------------------------------------------------------------------------------------|
| <b>3</b> | <b>CHECK HARNESS AND CONNECTOR(ABSORBER CONTROL SWITCH - ABSORBER CONTROL ECU)</b> |
|----------|------------------------------------------------------------------------------------|

- (a) Check for open and short circuit in harness and connector between absorber control switch and absorber control ECU (See page [01-31](#) ).

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REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

**CHECK AND REPLACE ABSORBER CONTROL ECU(See page [01-31](#) )**