

Component Procedures: Wiper Blade Heater Switch

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Windshield Deicer Switch - Repair Procedures (Article 44617)

- Inspection
- The body electrical system can be quickly diagnosed failed parts with vehicle diagnostic system (GDS). The diagnostic system (GDS) provides the following information. Self diagnosis : Checking the failure code (DTC) and display Current data : Checking the system input/output data state Actuation test : Checking the system operation condition Additional function : Other controlling such as he system option and zero point
- Self diagnosis : Checking the failure code (DTC) and display
- Current data : Checking the system input/output data state
- Actuation test : Checking the system operation condition
- Additional function : Other controlling such as he system option and zero point
- Select the "Car Model" and the system to be checked in order to check the vehicle with the tester.
- Select the "Smart Junction Box (SJB)" to check the windshield deicer.
- Select the "Current Date" menu to search the current state of the input/output data. The input/output data for the sensors corresponding to the "Smart Junction Box (SJB)" can be checked.

Sensor Name	Value	Unit
<input type="checkbox"/> One Touch Turn Signal	3 Flashing	-
<input type="checkbox"/> Rear LH Door Open Switch	CLOSE	-
<input type="checkbox"/> Rear LH Door Actuator Position Switch	UNLOCK	-
<input type="checkbox"/> Rear RH Door Open Switch	CLOSE	-
<input type="checkbox"/> Rear RH Door Actuator Position Switch	UNLOCK	-
<input type="checkbox"/> Assist Door Open Switch	CLOSE	-
<input type="checkbox"/> Driver Door Open Switch	CLOSE	-
<input type="checkbox"/> Parking Brake Switch	Not Park	-
<input type="checkbox"/> Tailgate Door Switch	CLOSE	-
<input type="checkbox"/> Hood Switch	OPEN	-
<input type="checkbox"/> Driver Seat Belt Switch	UNBUCKLED	-
<input type="checkbox"/> Assist Seat Belt Switch (Option)	UNBUCKLED	-
<input type="checkbox"/> Brake Fluid Switch	OFF	-
<input type="checkbox"/> IGN1 Switch	ON	-
<input type="checkbox"/> IGN2 Switch	ON	-
<input type="checkbox"/> Tail Lamp Output(Interior)	OFF	-
<input type="checkbox"/> Tail Lamp Output(Exterior)	OFF	-
<input type="checkbox"/> Head Lamp High Output	OFF	-
<input type="checkbox"/> Head Lamp Low Output	OFF	-
<input type="checkbox"/> Front Deicer Relay	OFF	-
<input type="checkbox"/> Rear Defogger Relay	OFF	-
<input type="checkbox"/> Burglar Alarm Horn Relay	OFF	-
<input type="checkbox"/> Start Inhibitor Relay (Smartkey Except)	OFF	-

- Select "Actuation Test", if you want to check the Smart Junction Box (SJB) data operation forcefully.

Test Items

- Head Lamp Low Output
- Head Lamp High Output
- Tail Lamp Output(Exterior)
- Tail Lamp Output(Interior)
- Burglar Horn Relay
- Tailgate/Trunk Release Relay
- Start Inhibit Relay (Option)
- Rear Defogger Relay
- Front Deicer Relay
- Door Lock Relay
- Door Unlock Relay
- Driver Door Unlock Relay (Option)
- Power Window Relay
- Turn LH Output
- Turn RH Output
- Dedicated DRL Output (Option)
- Auto Cut Relay

Duration: [] Conditions: [] Result: []

Start

Stop

- Removal

- Disconnect the negative (-) battery terminal.
- Remove the heater and A/C control unit. (Refer to Heating, Ventilation, Air conditioning - "Heater & A/C Control Unit (Dual)")
- Installation
- Install the heater and A/C control unit.
- Connect the negative (-) battery terminal.