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Case Number: S2405000002 Rev. B

Release Date: March 2025

Symptom/Vehicle Issue: Brake Light Switch Service Information.

Customer Complaint/Technician Observation:

The DTCs and customer complaint may have started after recent service repair. Incorrect removal of the brake switch could damage the switch. Vehicle has brake lamp switch diagnostic trouble codes (DTCs) such as:

P0572 BRAKE SWITCH 1 STUCK ON

P0573 BRAKE SWITCH 1 STUCK OFF

C1215-29 BRAKE LIGHT SWITCH - INVALID SIGNAL

C1215-02 BRAKE LIGHT SWITCH - GENERAL SIGNAL FAILURE.

<<<NOTE>>> If DTC P057B is active or stored, do not replace the brake switch.

Discussion:

<<<NOTE>>> Service Library has updated information regarding removal and installing the switch. Refer to 08 - Electrical / 8L - Lamps and Lighting / Lamps/Lighting - Exterior / SWITCH, Stop Lamp / Removal and Installation.

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Contact STAR Center, or your Technical Assistance Center Via TechConnect, eCONTACT or Service Library entry if no solution is found.



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BRAKE LAMP SWITCH

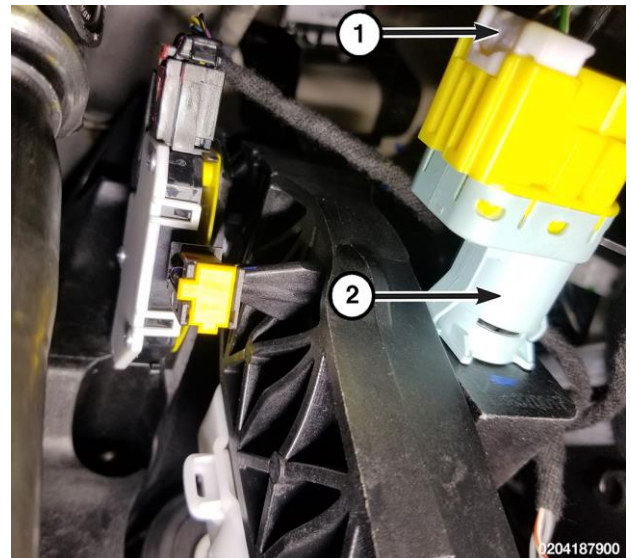
REMOVAL

CAUTION: Never remove or install the brake lamp switch while the brake pedal arm is disassembled from the brake booster push rod.

CAUTION: Do not depress, lift or move the brake pedal during brake lamp switch removal to avoid switch damage. Do not depress, lift or move the brake pedal during brake lamp switch installation to avoid improper switch adjustment.

<<<NOTE>>> Check for any distance / space between the switch plunger and the Brake pedal. If the booster loses pressure, the pedal will sag, allowing the plunger to extend further. If the pedal sags too much, the plunger will reach its max extended distance, and the brake switch cam tabs will be damaged if removed in these conditions.

1. Remove the steering column opening cover ([Refer to 23 - Body/Instrument Panel/COVER, Steering Column Opening/Removal and Installation](#)).
2. Disconnect the brake lamp switch wire harness connector.



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3. [Press the brake lamp switch against the bracket while rotating the switch housing clockwise 45° to align the tabs to the keyed hole in the brake pedal support bracket.](#) 1 - Wire Harness Connector
2 - Brake Lamp Switch
4. [Pull the brake lamp switch straight out of the keyed hole and remove it from the vehicle.](#)

NOTE: If damage to the switch is present for any reason, the switch is to be replaced. If a switch is removed and the plunger length differs from a new switch, the switch should always be replaced and not reinstalled. The nominal height for a new switch (tip of the plunger to the body of the switch) is 16.9 mm (0.67 inch).

Brake pedal switch manufacturing inspection:

* Visually verify if brake pedal switch housing is damaged.

* Check if tabs (small plastic pieces positioned beside the plunger) are damaged or broken. See the below figure red circled plunger tabs. Note the red circled tabs are cocked sideways- "Not OK". Green circle shows "OK" part.

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Not OK.



OK.

Brake pedal switch plunger verification:

<<<**NOTE**>>> If a switch is suspected as faulty, follow the plunger verification below.

1. Measure the exposed plunger initial position length (16.90mm should be the initial measurement).
2. Manually, press down, the switch plunger and then release it.

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- If plunger has a range of motion when pressed and released, measure again the plunger length after releasing it and compare it with the initial position length.
- If plunger fails to emerge the plunger is damaged and will require replacement of the brake switch.

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