

Component Procedures: Trunk / Liftgate Switch

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Component Procedures: Trunk / Liftgate Switch

Fuel Filler Door and Trunk Lid Opener System - Service Tips (Article 42489)

Trunk Lid Opener System Service Tips (1)

Circuit Description

Constant power is supplied to Trunk Lid Relay from 10A fuse, and Trunk Lid Relay is controlled by IPS Control Module. When Trunk Lid Handle Switch is ON (1, 2 is connected), IPS Control Module is received the signal and ground the Trunk Lid Relay coil output terminal and then Trunk Lid Relay coil is magnetized and pass the power to relay switch terminal. Constant power passes through the Trunk Lid Relay switch terminal to Trunk Lid Latch (No. 2, 3), which open the Trunk Lid. When Trunk Room Lamp Switch is ON (No. 1, 3 continuity) with Motor, the constant power is supplied to Trunk Room lamp.

■ **Trunk Lid Motor Inspection**

As shown in the table below, apply the battery voltage to each terminal of the trunk lid motor and check if it operates normally.

Terminal Position	3	2
Open	⊖	⊕

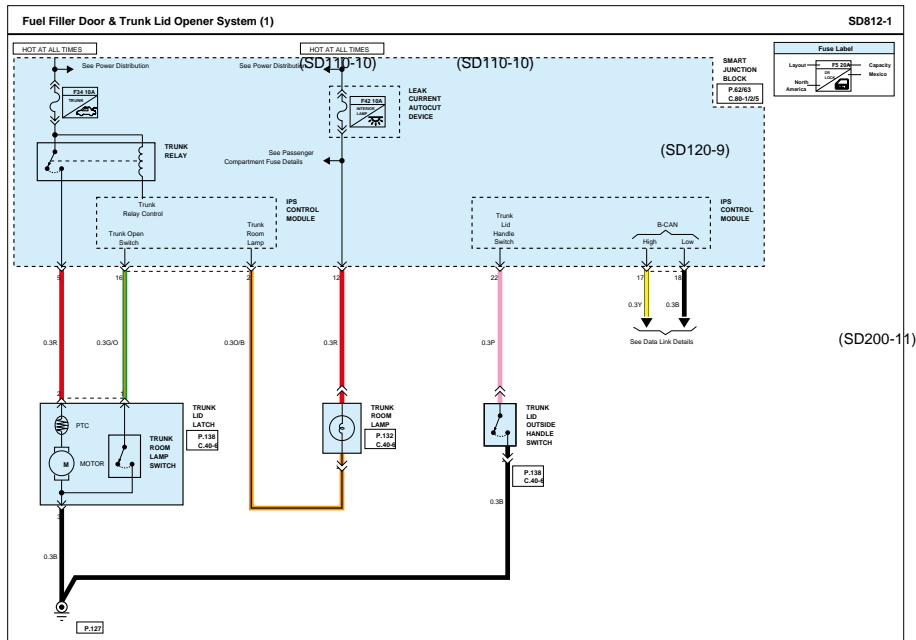
■ **Trunk Lid Motor (Switch) Inspection**

Check the continuity between terminals from each switch position as shown in the table below.

Terminal Position	1	3
Open	○	○

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Fuel Filler Door and Trunk Lid Opener System - Schematic Diagrams (Article 42486)



Fuel Filler Door and Trunk Lid Opener System - Service Tips (Article 42490)

Circuit Description

Constant power is supplied to Trunk Lid Relay from 10A fuse, and Trunk Lid Relay is controlled by IPS Control Module. When Trunk Lid Handle Switch is ON(1, 2 is connected), IPS Control Module is received the signal and ground the Trunk Lid Relay coil output terminal and then Trunk Lid Relay coil is magnetized and pass the power to relay switch terminal. Constant power passes through the Trunk Lid Relay switch terminal to Trunk Lid Latch (No. 2, 3), which open the Trunk Lid. When Trunk Room Lamp Switch is ON (No. 1, 3 continuity) with Motor, the constant power is supplied to Trunk Room lamp.

■ **Trunk Lid Motor Inspection**

As shown in the table below, apply the battery voltage to each terminal of the trunk lid motor and check if it operates normally.

	Terminal	3	2
Position		⊖	⊕
Open		⊖	⊕

■ **Trunk Lid Motor (Switch) Inspection**

Check the continuity between terminals from each switch position as shown in the table below.

	Terminal	1	3
Position		○	○
Open		○	○