Component Procedures: Fuel Door Release Actuator

Table of Contents

Component Procedures: Fuel Door Release Actuator

Parts and Labor (itype_189)

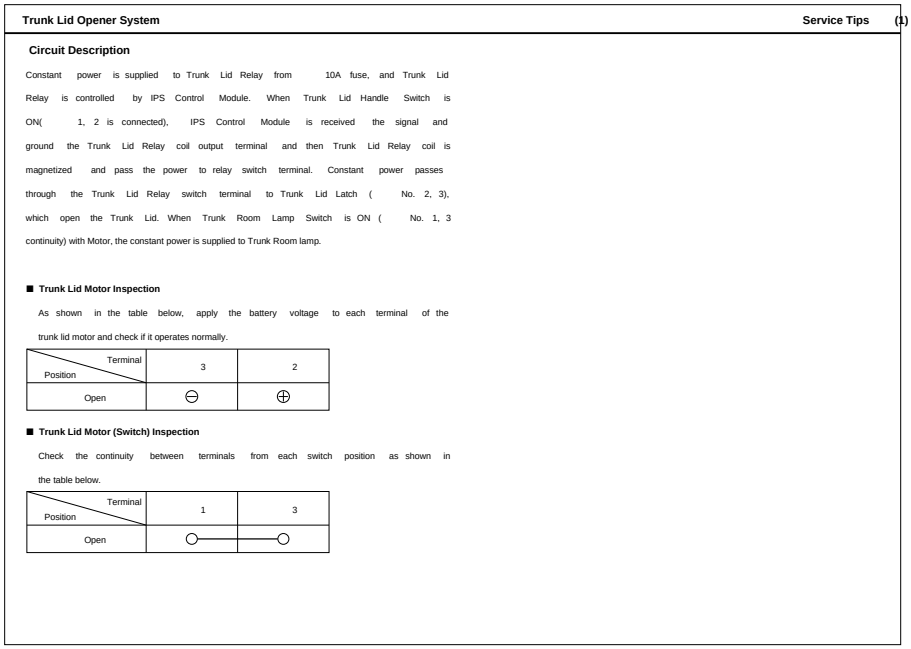
Parts

Qualifier	Part #	Name	Price	Note
Fuel Door	81590F2000	Actuator	90.95	

Labor

Operation	Qualifier Path	Skill	Std Hrs	Wty Hrs
Remove & Replace	Fuel Door > Lock Actuator, R&R	B	0.6	0.0

Fuel Filler Door and Trunk Lid Opener System - Service Tips (Article 42487)



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	⊖	⊕

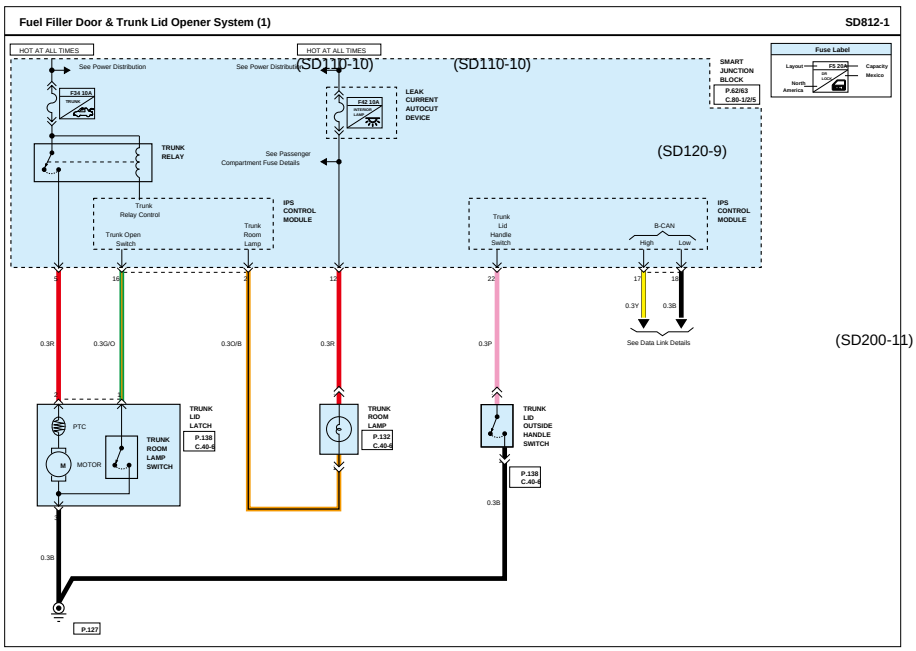
■ **Trunk Lid Motor (Switch) Inspection**

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

Terminal / Position	1	3
Open	○	○

F34

Fuel Filler Door and Trunk Lid Opener System - Schematic Diagrams (Article 42484)



Fuel Filler Door and Trunk Lid Opener System - Service Tips (Article 42488)

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	○	○