

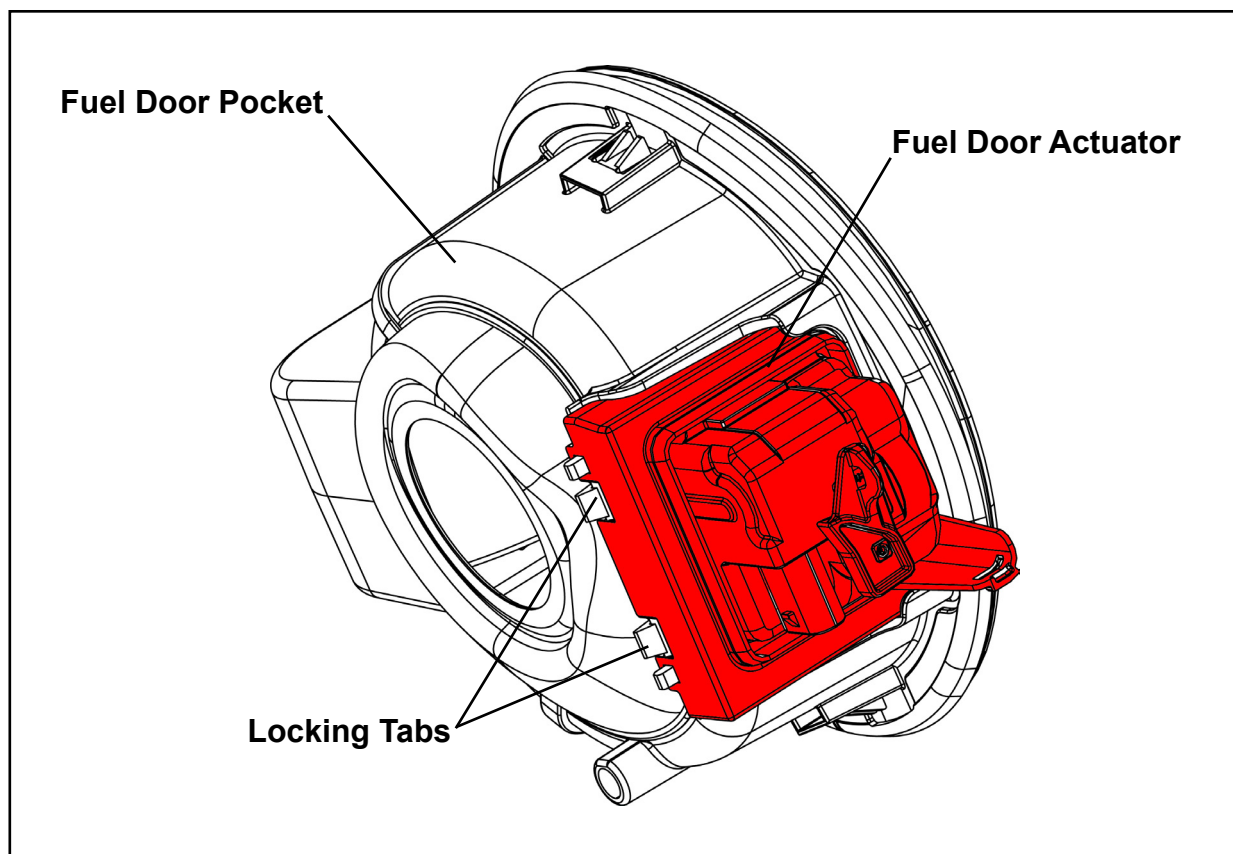
Title: Fuel Filler Door Actuator Procedure**Applicability:** MY18 Revero**Market Region:** All**PRIORITY:**

If vehicle exhibits the issue

PURPOSE:

In some instances, the locking tabs that secure the fuel door actuator to the fuel door pocket may become dislodged upon closing the fuel-filler door. **NOTE: When this condition is present, the fuel filler door warning light will remain ON.**

To resolve this concern, this bulletin explains how to uninstall the fuel door actuator and how to make sure that it remains securely mounted onto the fuel door pocket using an adhesive.



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Gasoline vapor is highly flammable and in confined spaces is also explosive and toxic. Always have a fire extinguisher containing FOAM, CO2 GAS, or POWDER close at hand when handling or draining fuel, or working directly with fuel system components.

1. Inspect and Remove Fuel Door Actuator

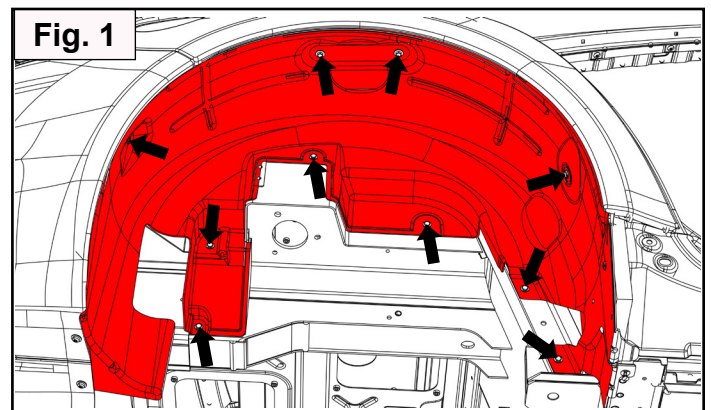
1.1. Inspect fuel filler door operation to confirm that the latch/release actuator is inoperative. If concern is confirmed, refer to the procedure outlined below.

1.2. Raise vehicle on hoist, following proper vehicle lifting procedures for the Revero.

1.3. Remove right-rear wheel assembly.

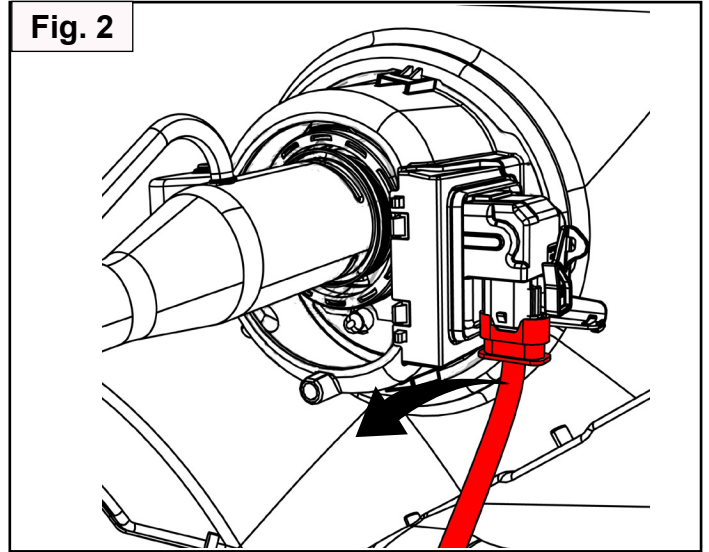
1.4. Remove the ten fasteners securing the right-rear mud shield/liner to the vehicle (Fig. 1).

1.5. Move loose section of mud shield forward and secure it out of the way to gain access to backside of fuel door actuator assembly.

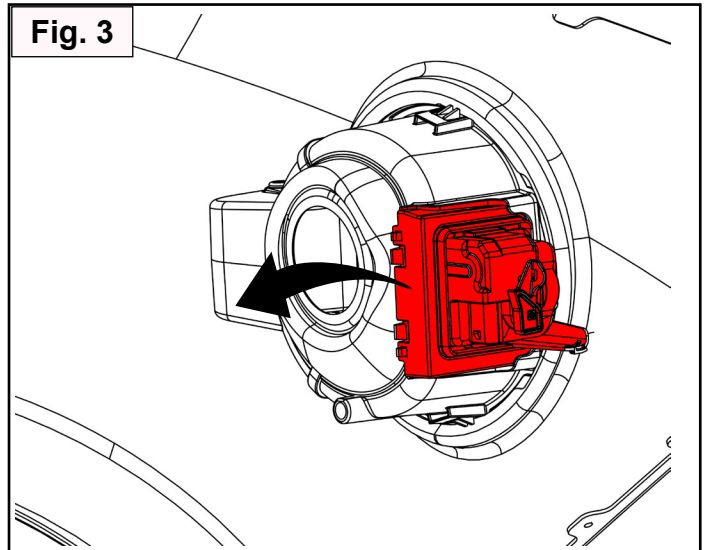


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1.6. Disconnect wire harness connector from fuel door actuator (Fig. 2).

Fig. 2

1.7. Disengage fuel door actuator from fuel door housing (Fig. 3).

Fig. 3

1.8. Inspect for damaged or broken parts.

- If parts are broken, replace entire actuator assembly.
- If parts are not broken, continue onto section 2 of this bulletin.

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Only apply adhesive to suggested surfaces. Applying excess adhesive can hamper the future serviceability of fuel filler neck components.

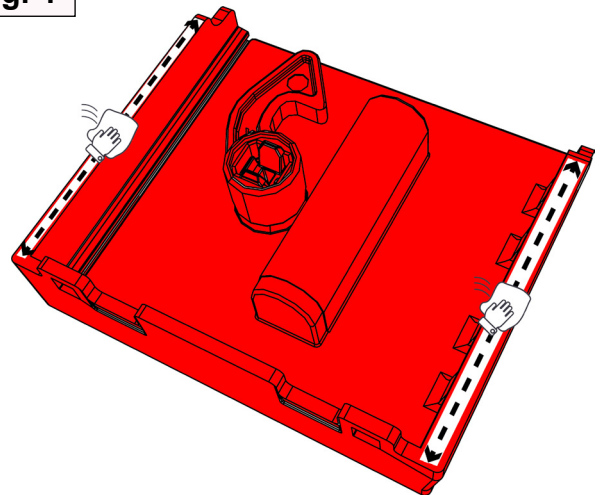
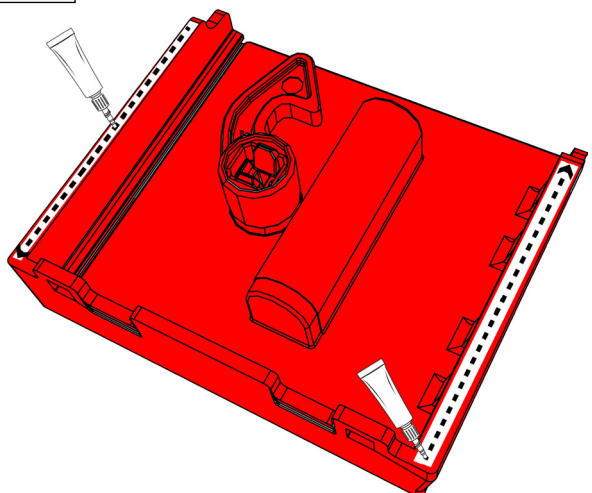
2. Install Fuel Door Actuator

2.1. Clean bonding surfaces on actuator, and mating surfaces on fuel filler flange, of all dirt and debris using 3M™ Prep Solvent-70, as shown in Figure 4.

2.2. Due to clearance issues between the latch assembly and the inner body structure, perform a trial installation to determine minimal installation difficulty.

2.3. Finish the cleaning process by wiping the surfaces to be bonded with isopropyl alcohol (IPA) and dry with a clean lint free cloth.

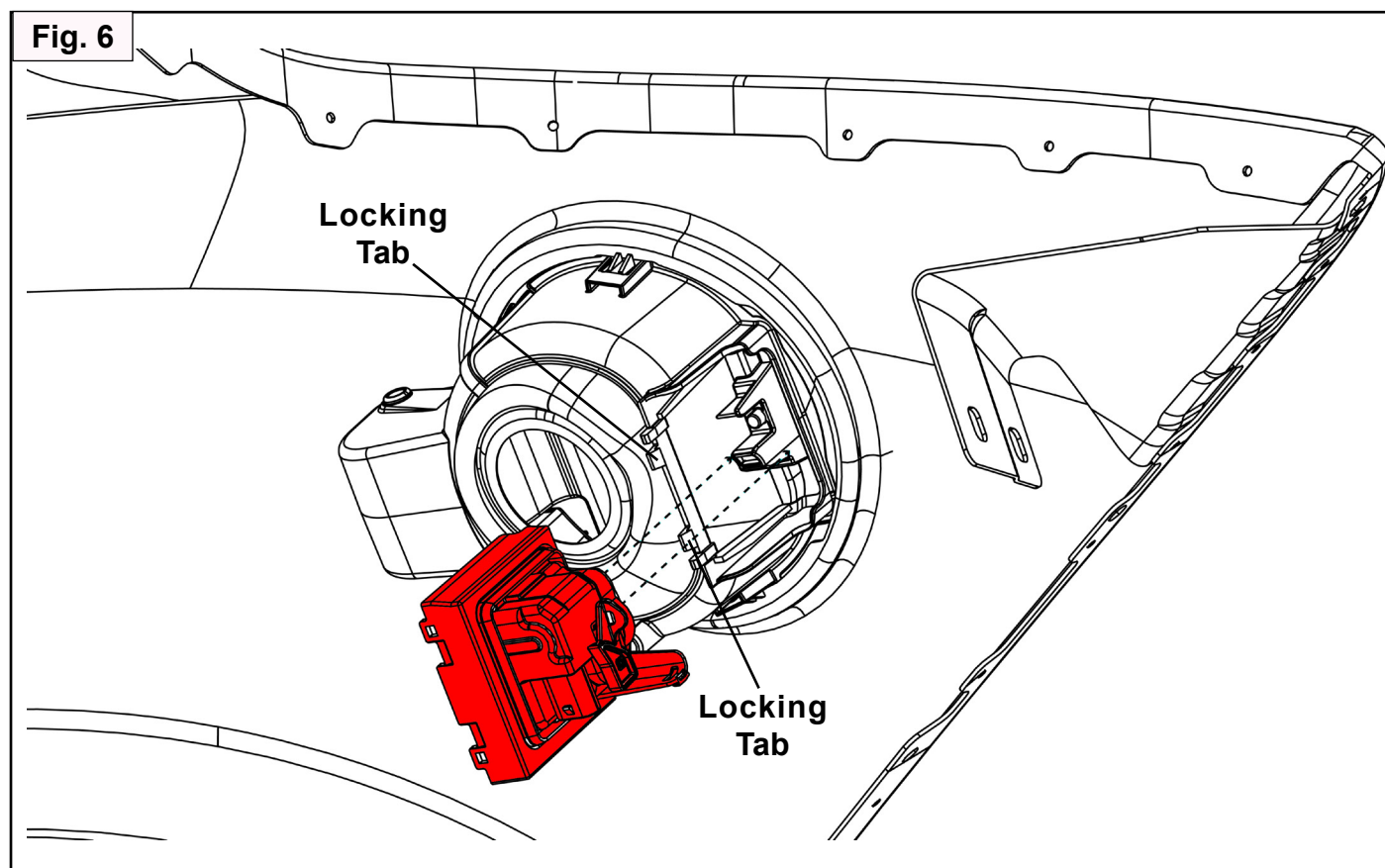
2.4. Apply adhesive (3M™ PN: DP-8010NS Scotch-Weld Acrylic Structural Plastic Adhesive) to the bonding surface area, as shown in Figure 5.

Fig. 4**Fig. 5**

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2.5. Slide the release actuator back into its pocket on the fuel filler flange until both locking tabs are fully engaged (Fig. 6).

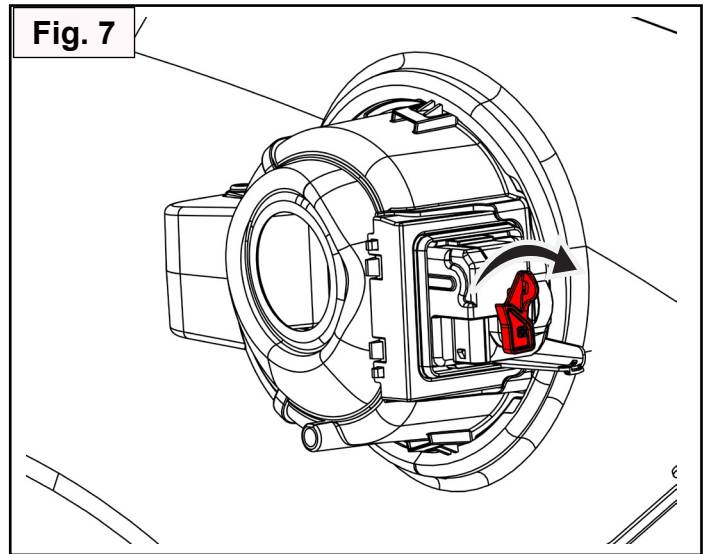


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2.6. Within the 10 minute cure time; gently close the fuel filler door to confirm that it latches properly.

2.7. Manually open fuel filler door by pushing the red lever on the actuator, as shown in Figure 7. Allow the fuel door to remain open for 24 hours.



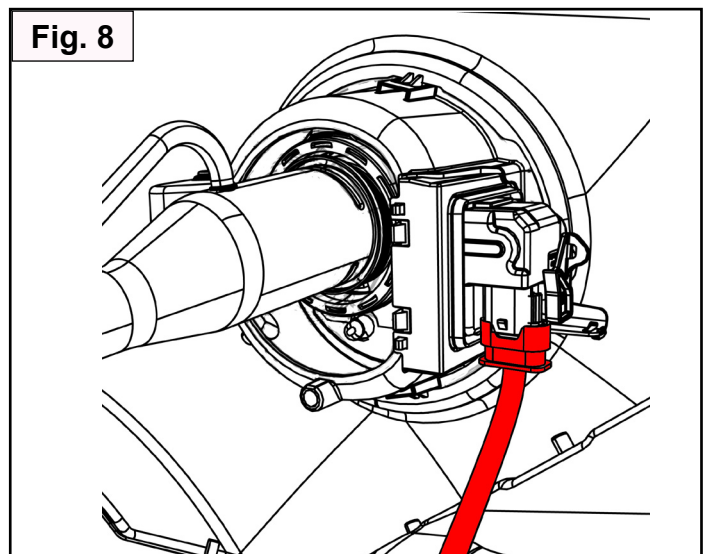
2.8. Install fuel door actuator wiring harness connector (Fig. 8).

2.9. Reassemble right-rear mud shield/liner.

2.10. Install right-rear wheel assembly.

2.11. Lower vehicle.

2.12. After the 24-hour curing period has elapsed, close fuel door and confirm proper function of the fuel door actuator.



**TB-19-12-01.01**

Type: Technical Service Bulletin

Year: 2019

System: Engine (12)

Sequence: 01

First Release Rev: 0.1

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PART NUMBER	DESCRIPTION	QUANTITY
N/A		

SHOP SUPPLIES:

DESCRIPTION
Adhesive 3M™ PN: DP-8010NS Scotch-Weld Acrylic Structural Plastic Adhesive

SPECIAL TOOLS:

DESCRIPTION
N/A

CAUSAL PART:

PART NUMBER	DESCRIPTION
C131165001007	

LABOR CODES:

CODE	DESCRIPTION	TIME	DEFECT CODE
70-20-02-07	Fuel Door Actuator Bulletin	1.0	70-20-02-25

SUBLET:

CODE	DESCRIPTION	AMOUNT
N/A		

WARRANTY DISPOSITION: This repair is covered under the New Vehicle Limited Warranty, in effect for five (5) years from the in-service date with no mileage limitation.

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