
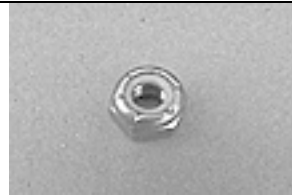




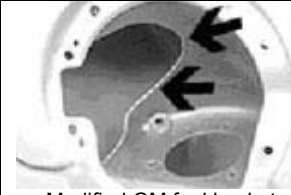


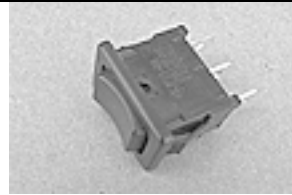



**Pro-Fit Fuel Door  
Installation Instructions**

**02-up GM SUVs**

Parts list:	 Thumbnail piece	 Nylock nuts (3 or 4)	 Stainless washer (3 or 4)
 Wiring harness (with actuator)	 Fuse taps	 Wire ties and holdowns	 Modified GM fuel bucket (optional)
 Wrenches	 Fuel door with pull cable	 Rocker switch	 Fuse

Tools you will need:

- Dremel tool, grinder or file
- Clean rags
- Duct tape
- Torx screw bits
- Small ratchet and sockets

**WARNING: Do not perform this install near a flame source due to the risk of fire or explosion from gas fumes. Ensure adequate ventilation at all times.**

**Step 1**

Open stock fuel door and remove gas cap. Place a clean rag into the fuel filler neck to prevent anything dropping in.

**Step 2**

Remove stock fuel door by removing its two mounting screws. Remove the two rubber stops by pulling them straight out.

**Step 3**

Remove the three screws surrounding the fuel filler neck. Remove the two torx screws at the top of the bucket. Insert a small screwdriver at the 6 o'clock position on the bucket and push upwards to remove the plastic push fastener. Remove the female expansion tab, then remove the bucket and set it aside. Your quarterpanel should now look like Fig. 1.

**Step 4**

(Skip this step if optional modified bucket was purchased) Trim the bucket as shown in Fig 2 (arrows) using a Dremel tool, grinder or file. This allows for clearance of the linear shaft

mechanism and cable bracket attached to the rear of the fuel door.

**Step 5**

Temporarily reinstall bucket by reinserting the two torx screws at the top of the bucket (Fig. 2). This is to allow for a test fitting in the next step.

**Step 6**

Install fuel door assembly by feeding cable through the relief in the bucket that you just trimmed, then carefully placing fuel door studs (on the rear of the fuel door) through the existing stock quarterpanel holes (Fig. 3 shows rear view of bucket from underneath vehicle. Black arrows are pointing to two of the fuel door studs and the white arrow points to the fuel door cable coming out of trimmed relief in bucket). If fuel door does NOT seat properly on the quarterpanel, check clearance at the rear of the fuel door between the linear shaft mechanism or cable bracket and the bucket. The linear shaft mechanism and cable bracket should NOT touch the bucket. Repeat Step 4 if necessary to enlarge the bucket hole.

**Step 7**

Once everything fits properly, remove the Pro-Fit fuel door then reinstall plastic bucket by reinserting the three screws around the fuel filler neck and reinserting the tab at the 6 o'clock position (female expansion tab first then push fastener).

**Step 8**

Install fuel door again as in Step 6. Tape fuel door to quarterpanel to secure it (make sure it doesn't fall), then go underneath the vehicle. Insert stainless steel washer, then a nylock nut onto each stud on the back of the quarterpanel. Using a ratchet or wrench, slowly tighten in a "star" pattern to ensure even clamping. Check once more on the exterior of the vehicle for fuel door alignment, then tighten (Fig. 4).

**Step 9**

Locate the end of the fuel door cable coming out of the bucket relief. Mount the fuel door cable into the slot on the end of the actuator bracket (Fig. 5). Tighten the nuts on either side of the slot.

**Step 10**

Remove the screw on the end of the actuator using the supplied 7/64" hex wrench. Thread the screw through the end of the fuel door cable, then screw back in. Note that the screw is not tightened completely. It is only tightened to a point where the end of the screw is flush with the actuator (Fig. 6, arrow).

**Step 11**

Test fuel door function by manually pulling on the actuator arm. This pulls the cable, which in turn triggers the fuel door to open. Adjust nuts on either side of the slot in the actuator bracket if necessary.

**Step 12**

Remove the driver's side kick panel and plastic trim piece on rocker panel by pulling straight out. Pull the carpet back and look for a rubber grommet on the floor pan (Fig. 7, arrow). Snake the wiring harness through the grommet (from the inside out), down the exterior frame rail towards the rear of the vehicle. Use the supplied wire ties and wire tie holdowns to secure the wiring harness (Fig. 8 arrows show position of the wiring harness underneath the vehicle).

**Step 13**

Connect the two wires from the wiring harness to the actuator in REVERSE POLARITY:

- wiring harness RED wire to actuator BLUE wire
- wiring harness BLACK wire to actuator RED wire

By reversing the polarity, this allows the actuator to pull instead of push. Note that no damage will

occur if you do not reverse the polarity, but your fuel door will not function properly.

**Step 14**

At the other end of the wiring harness (inside the passenger compartment), connect the black wire from the wiring harness to chassis ground. The red wire from the switch should then be routed behind the dash to the vehicle's fuse box (Fig. 9).

**Step 15**

Remove the fuse box cover on the side of the dash. Locate a 20A fuse that has a constant 12 volts, such as the one for the horn. Remove this fuse and add the fuse tap (Fig. 11). Connect the red wire from the wiring harness switch to the fuse tap (Fig. 12). Reinsert fuse.

**Step 16**

Test switch action by pressing switch and listening for actuator movement. Close fuel door and trigger open with the switch several times to test. Note: The rocker switch is a 2-position switch, but only one position is being used. If the fuel door doesn't trigger open, try moving the rocker switch in the other direction. If the fuel door still refuses to open, make sure you are connected to a constant 12 volt source and not a switched source (for example, your ignition). Replace kick panel and plastic trim. Mount switch in desired location, such as the rectangular cutout next to the emergency brake. You can use a file to lengthen the rectangular cutout so the switch can be installed.

**Step 17**

Go back underneath the vehicle to where the actuator is located. Clean the vertical surface on the underside of the quarter panel at the point indicated (Fig. 13, white arrow. Black arrow points towards front of vehicle). Peel off the paper strip on the actuator bracket to expose the tape and attach the actuator to the quarter panel. Make sure the cable is curved in a smooth s-shape and not too tightly. (Fig. 14 arrows show orientation).

**Step 18**

Reinstall fuel filler neck onto bucket (Fig. 15). Install the fuel bib over fuel filler neck. Replace stock gas cap. Using double sided tape, attach thumbnail piece.

All done! Enjoy your Pro-Fit Fuel Door!

**IMPORTANT NOTE:** If you need to manually open the fuel door (if you have a dead battery, for example) you can pull on the actuator arm, which is attached to the pull cable.

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Figures

