







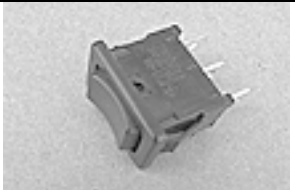




**Pro-Fit Fuel Door  
Installation Instructions**

**Hummer H2**

Parts list:	 Fuel door with pull cable	 Nylock nuts (3 or 4)	 Stainless washer (3 or 4)
 Wiring harness (with actuator)	 Fuse taps	 Wire ties	 Wire tie holddown
 Wrenches	 Rocker switch	 Fuse	 Clamp bracket

Tools you will need:

- Panel popper or flathead screwdriver
- 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**

Remove driver's side rear fender trim using a T-15 Torx socket and a panel popper. A flathead screwdriver would also work (Fig. 1 arrows).

**Step 2**

Remove plastic wheel well cover using a panel popper, a T-15 Torx socket and a 10mm wrench or socket (Fig. 2 arrow).

**Step 3**

Remove the gas cap. Remove the three screws securing the fuel filler neck to the fuel bucket using a 9/32" socket (Fig. 3 arrow).

**Step 4**

Rotate fuel bucket counter-clockwise and pull off. Cover fuel filler neck opening with duct tape or a clean rag (Fig.4).

**Step 5**

Use duct tape to tape the Pro-Fit fuel door onto quarterpanel to temporarily secure it. Make sure the duct tape does not cover the center cap (Fig. 5, arrows).

**Step 6**

Partially insert the four supplied allen head set screws into each of the clamp-brackets. There are two holes drilled into each clamp-bracket. Insert the allen head set screw into the smaller hole. Open the fuel door center cap by pulling on the fuel door cable. Rotate the cap out of the way. Insert a clamp-bracket, then a stainless steel washer, then a nylock nut onto each stud on the back of the fuel door ring (not the halo). Using a ratchet or wrench, slowly tighten the nylock nuts in a "star" pattern to ensure even clamping. Check once more on the exterior of the vehicle for fuel door alignment, then tighten allen head set screws against the rear of the quarterpanel (Fig. 6 shows view of mounted clamp-brackets from behind quarterpanel, white arrows point to allen head set screws and black arrows point to stud, washer and nylock nut), (Fig. 7 black arrow shows allen wrench on set screw), (Fig. 7 white arrow shows box wrench on nylock nut), (Fig. 8 shows larger view behind quarterpanel, white arrows point to clamp-brackets).

**Step 7**

Locate the end of the fuel door cable that is attached to the fuel door. Mount the fuel door cable into the slot on the end of the actuator bracket (Fig. 9). Tighten the nuts on either side of the slot.

**Step 8**

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. 10, arrow).

**Step 9**

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 10**

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. 11, 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. 12).

**Step 11**

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 12**

At the other end of the wiring harness (inside the passenger compartment), connect the black wire from the wiring harness to chassis ground underneath the dash (Fig. 13 white arrows).

**Step 13**

Remove the fuse box cover on the side of the dash. Locate a 20A fuse that has a constant 12 volts, such as the fuse labeled AUX PWR 2 (Fig. 14 black arrow shows fuse in diagram). Remove this fuse and add the fuse tap (Fig. 15). Connect the red wire from the wiring harness switch to the fuse tap (Fig. 16). Reinsert fuse (Fig. 17 white arrows show wiring harness and fuse tap connection), (Fig. 18, white arrow shows close up of fuse tap).

**Step 14**

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 your 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.

**Step 15**

Go back underneath the vehicle to where the actuator is located. Locate a spot behind the quarterpanel where the actuator can be mounted without causing a tight bend or kink in the cable. (Fig. 19 white arrow shows one possible actuator mounting location in the "U-channel"), (Fig. 20 white arrow shows close up of actuator in the "U-channel"). 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 not forming a tight bend or kink.

**Step 16**

Reinstall fuel filler neck onto halo (Fig. 21 black arrow shows fuel filler neck, white arrow shows halo attached to back of fuel door). Install the fuel bib over fuel filler neck. Replace stock gas cap.

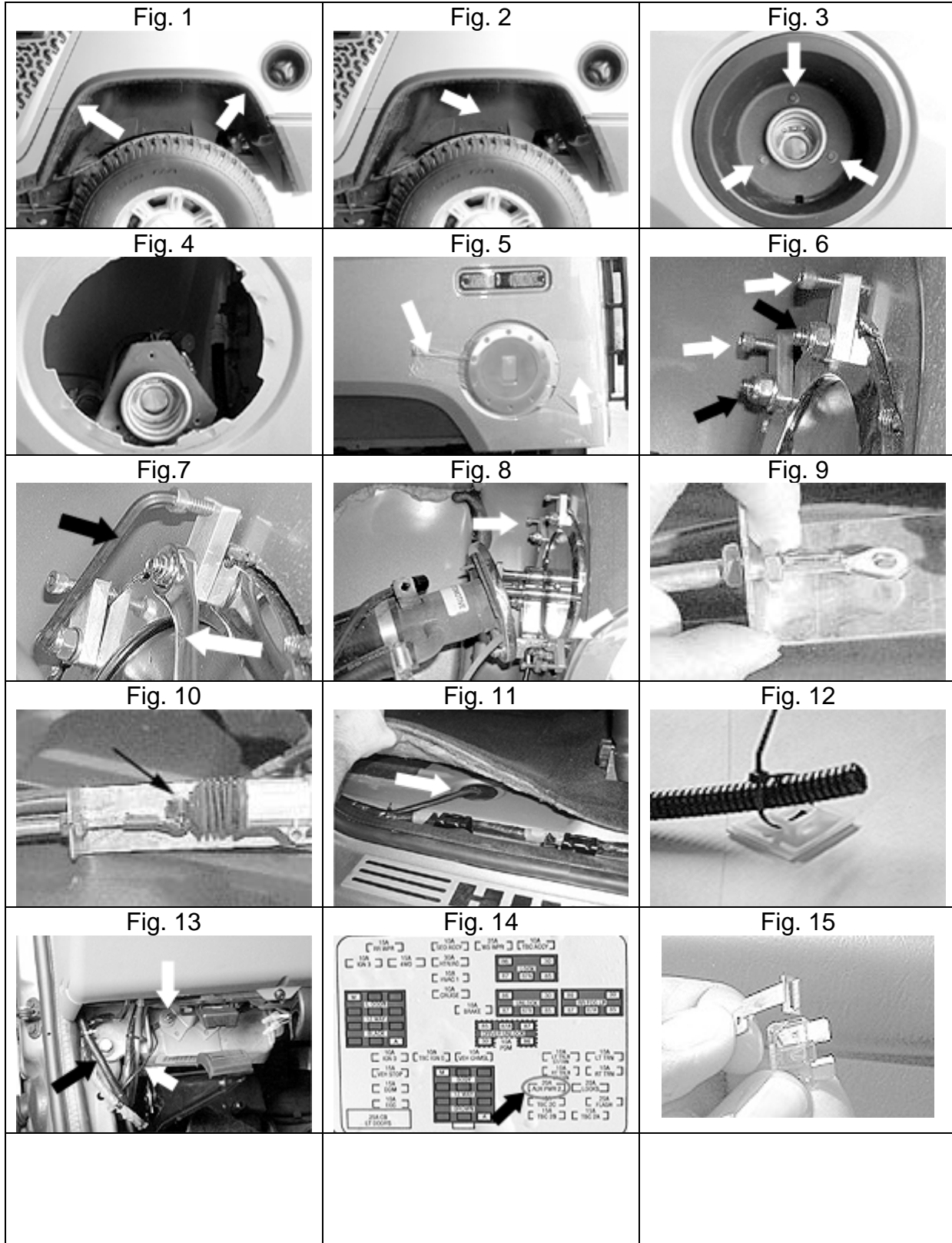
All done! Enjoy your Pro-Fit Fuel Door!

**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



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