

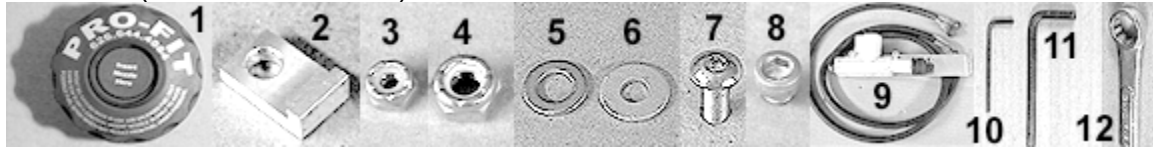
**Pro-Fit Fuel Door
Installation Instructions**

94-98 Mustang

Tools you will need:

- ❑ Drill with 1/2" drill bit
- ❑ #20 torx screwdriver
- ❑ 7/64" hex wrench
- ❑ 7/16" wrench
- ❑ Small ratchet
- ❑ 11/32" socket
- ❑ 8mm socket

Parts list (items not to scale):



1) Gas cap	2) L-bracket (x 4)	3) Small nylock (x 4)	4) Large nylock (x 4)
5) Stainless washer (x 4)	6) Aluminum washer (x 4)	7) Buttonhead bolt (x 4)	8) Hexhead bolt (x 10)
9) Actuator and harness	10) Small hex wrench	11) Large hex wrench	12) Wrench

Not shown – fuel door and cable, switch kit (optional)

<p>Fig. 1</p>	<p>Note: For manual fuel doors (locking or non-locking), skip the prep and steps 3, 4, 5, 8, 9, 11, 12, 13, 14, 15. These steps are marked with an asterisk (*).</p>
<p>Fig. 2</p>	<p>Prep* With the stock fuel door closed, apply masking tape around the edge of the quarter panel. This is to help prevent scuffing of the paint when the new fuel door is installed. Note: For picture clarity, the masking tape is not shown. Remove gas cap. WARNING: Do not perform this install near a flame source due to the risk of fire or explosion from gas fumes.</p>
<p>Fig. 3</p>	<p>Step 1 Remove the 4 torx screws around the lip of the quarter panel using the #20 torx screwdriver (Fig. 1, numbers 1, 2, 3, and 4). Hold the stock fuel door when removing screws 3 and 4.</p>
<p>Fig. 4</p>	<p>Step 2 Remove stock fuel door. Remove the metal clips located on the plastic bucket behind the torx screw holes.</p> <p>Step 3* Remove the 3 screws that hold the fuel neck to the plastic bucket using the 8mm socket and ratchet (Fig. 1, numbers 5, 6, and 7).</p> <p>Step 4* Open the trunk and remove the passenger side trim panel, exposing the back of the plastic bucket and fuel neck.</p> <p>Step 5* From the trunk, grab the back of the plastic bucket and lift upward about 1 inch. This is to allow access to a flat spot on the right side of the plastic bucket for drilling (Fig. 2). Fig. 3 shows the spot on the plastic bucket to drill the hole.</p>

* = Step applies to electric locking kit only

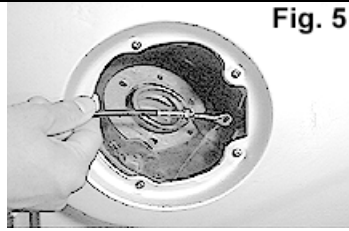


Fig. 5

(cont.)

Step 6

Place plastic bucket back into its original position. Using the small hex wrench, screw the 4 buttonhead bolts into the stock torx screw holes (Fig. 1, numbers 1, 2, 3, and 4), making sure that the buttonhead bolts go through the tab holes on the plastic bucket. Replace the 3 screws around the fuel neck. Retighten.



Fig. 6

Step 7

Insert aluminum washer onto the buttonhead bolts (Fig. 4), then attach small nylock and tighten with 11/32" socket and ratchet.

Step 8*

Insert cable (attached to fuel door) through the hole in the plastic bucket (Fig. 5).

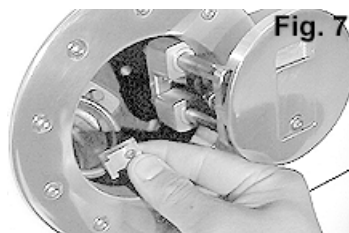


Fig. 7

Step 9*

Thread the cable through the hole, then mount the new fuel door. Be careful not to scuff the paint with the cable mount (Fig. 6, arrow). Note that the door should be in the open position. Rotate the door fully open before next step.

Step 10

Insert the L-bracket (Fig. 7) onto each stud at the rear of the fuel door ring, then insert a stainless washer and large nylock.

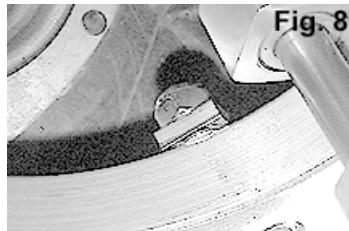


Fig. 8

Tighten using the supplied wrench. Note that Fig. 7 shows the proper orientation of the L-bracket for the lower-left stud. Fig. 8 shows a close up of the L-bracket for the lower-right stud.

For optional switch kit only:

Skip steps 11 and 12. Use the supplied T-tap to tap into the 12V wire before the trunk release switch in the glove box. Connect the fuse end of the switch kit to the T-tap. Ground the other wire. Run both wires to the actuator. Connect the GROUND wire of the switch kit to the RED wire of the actuator wiring harness. Connect the SWITCH wire of the switch kit to the BLACK wire of the actuator wiring harness. Note that the polarity is REVERSED on purpose because the actuator must pull instead of push.

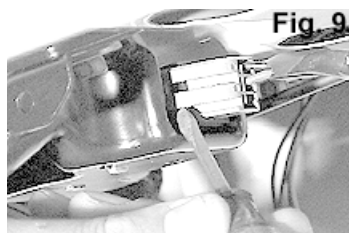


Fig. 9

Step 11*

Remove the trunk release connector attached to the passenger side of the trunk latch (Fig. 9). The trunk latch is located behind the license plate. Note that this connector must remain disconnected. The trunk release button will now be used to open the fuel door only.

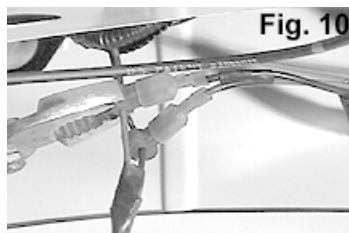


Fig. 10

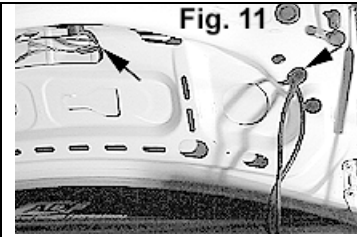
Step 12*

Snake the actuator wiring harness through the holes in the rear decklid (Fig. 11, arrows). Crimp the 2 connectors onto the wires for the trunk release connector in the following manner:

- Actuator BLACK to Mustang PURPLE
- Actuator RED to Mustang BLACK (Fig. 10)

Note that the black wire from the trunk release connector should NOT be connected to the black wire from the actuator wiring harness.

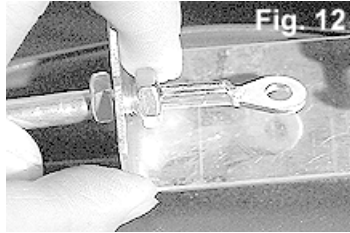
* = Step applies to electric locking kit only



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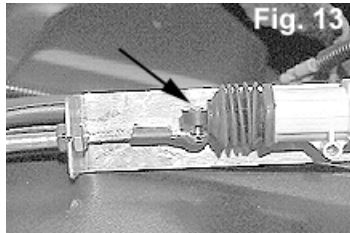
Step 13*

Locate the end of the fuel door cable that was threaded into the trunk. Mount the fuel door cable into the slot on the end of the actuator bracket (Fig. 12). Tighten using 7/16" wrench.



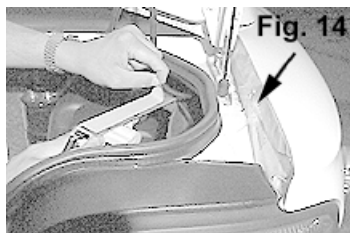
Step 14*

Remove the screw on the end of the actuator using 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. 13, arrow).



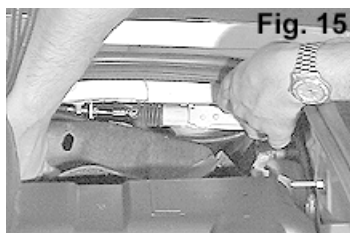
Step 15*

Clean the vertical surface on the underside of the quarter panel at the point indicated (Fig. 14, arrow). Peel off the paper strip on the actuator bracket to expose the tape and attach the actuator to the quarter panel. Note that the end of the fuel door cable must be oriented towards the front of the car (Fig. 15 shows orientation).



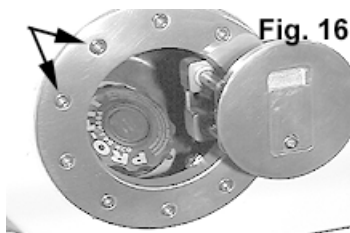
Step 16

Using the large hex wrench, screw in the hexhead bolts (Fig. 16, arrows). Install new gas cap. Note that the gas cap is designed to accept most fuel pumps without being removed.



For Manual Non-Locking fuel doors only:

Use the supplied L-shaped puller to open the fuel door by sliding the puller underneath the center latch. Pull outward to open the fuel door.



All done! Enjoy your Pro-Fit Mustang Fuel Door!

* = Step applies to electric locking kit only