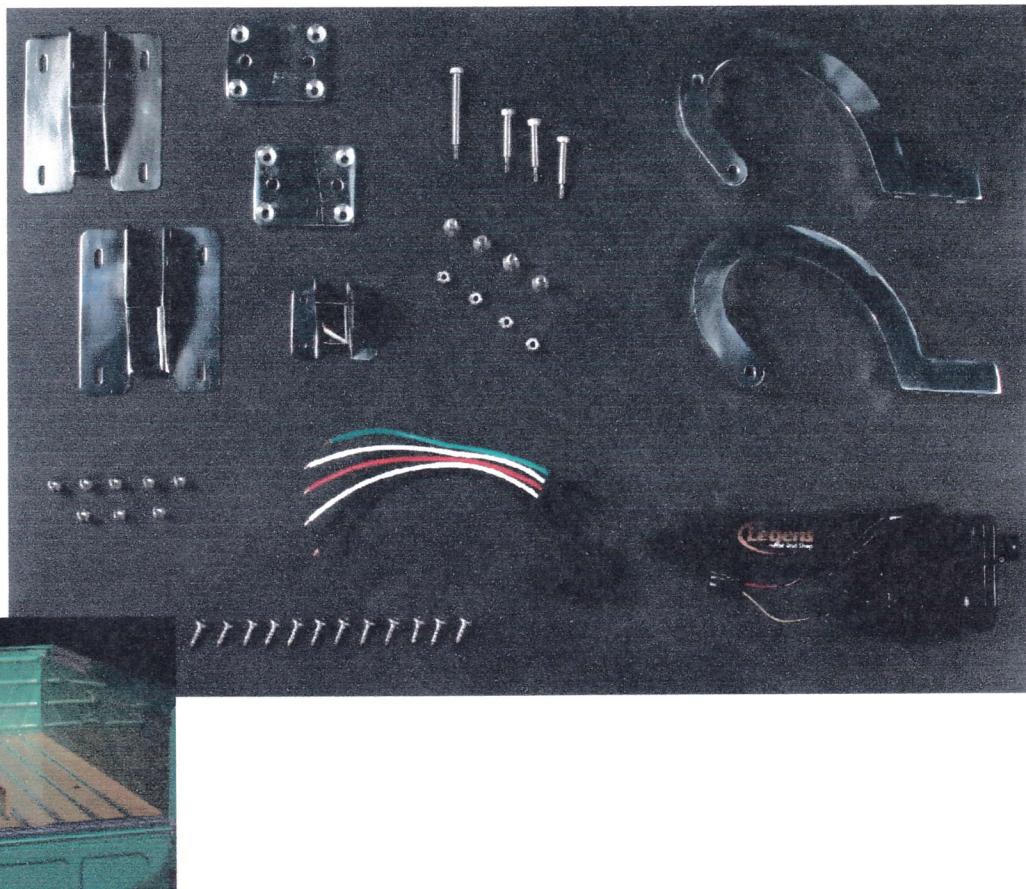




FUEL FILLER CONCEALMENT KIT



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Introduction

This concealment kit is designed to hide the filler cap located in the floor of the bed. To ensure proper clearance, trial fitting this kit is recommended before any permanent mounting. Modification of the wood floor will occur in all applications. All front bed panels with an embossment to the inside will require a filler strip. This filler strip is used to gain clearance for the hinge board, and is available through Legens Hot Rod Shop. Choosing the center most board of the floor to be the hinge board is recommended, and can be hinged in either direction (to the driver or passenger side).



POSSIBLE MODIFICATIONS

Some front bed panels have embossments. To gain clearance for the hinge board, the optional filler strip must be added. Measure the width of the filler strip and cut this length off front of all boards.



This is the rear of the hinge board. Some bed kits have a rear cover that lips over the ends of the boards, the width of the lip will need to be measured and the distance should be cut off the rear of the hinge board only.

Possible Modification cont.

Bed Strip cuts. Along with the front of the boards being cut, the bed strips will need to be cut when adding the filler strip.



Step 1.

Making the 25 degree cuts.



Remove the desired board in the floor to be hinged. This board will need to have two 25 degree cuts the entire length of the board. The cut will angle in the notch that receives the floor strip.

25 degree cuts entire length of hinge board. The strips that are cut off will have a 25 degree angle, this angle needs to be cut off (square) the entire length also.



Step 1. cont.

The 25-degree cuts, now allows the board to hinge above the bed strip, and gain access to the filler neck. After the 25 degree cuts are made, reinstall the board and strips which have been cut off, back into the floor of the bed. The bed strips will rest in the notches as before.

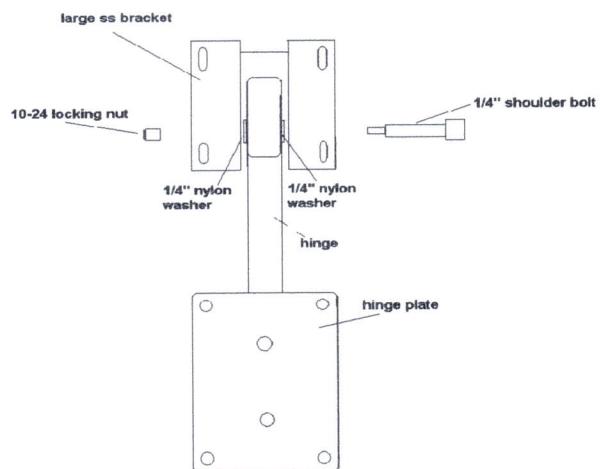
Step 2.

Mount the hinge plates to the hinges with two 1/4"-20 x 5/8 flathead allen bolts.

Step 3.

Mounting the hinges to the large SS brackets.

Insert the 1/4" x 1" shoulder bolt through the bracket with the nylon washers on the outside edge of the hinge. With the shoulder bolt through the bracket and hinge, tighten the (10-24) nut.



Step 4.

Mounting hinges, hinge plates, and large SS brackets.

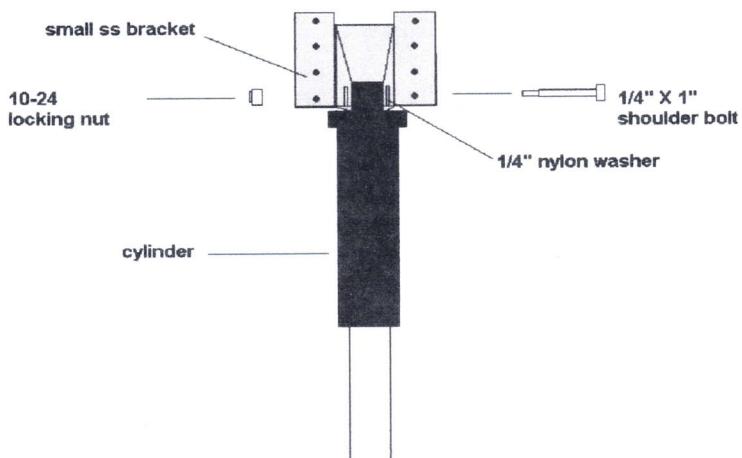
During this step the hinge board needs to be positioned in the truck bed, and relaxed. When mounting the hinges, keep in mind only one of the hinges has an extra hole for mounting to the cylinder, and proper clearance is necessary. Next, place the hinge plate on the edge of the 25 degree cut. Trial fit these hinges making sure the large SS brackets will land on the adjacent board properly. Alignment of these hinges and brackets must be exact, to ensure proper closing/opening of the hinged board. Now with the hinge plates held even with the very edge of the 25 degree cut on the hinge board, mount the plates using the #10 x 5/8 flathead screws. Using the #10 x 5/8 panhead screws, mount the large SS bracket where it lands on the adjacent board. Although the holes in these brackets are slotted for adjustment purposes, screws should be placed in the center of the hole first.



Step 5.

Mounting the small SS bracket to the cylinder.

With the hinges now in place, manually open and close the hinged board, making sure it operates smoothly and with no resistance. Mount the small SS bracket to the cylinder using a 1/4" x 1" shoulder bolt. Place the cylinder in the center of the bracket and insert shoulder bolt through the cylinder, with the nylon washers on each side of the cylinder. Secure shoulder bolt with a 10-24 locking nut. Mount the cylinder to SS bracket with the motor down.

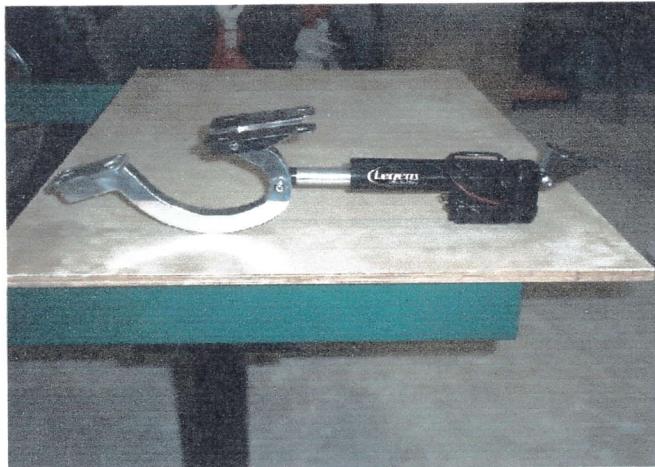


Step 6.

Mounting cylinder.

Bolt cylinder to the hinge with the 1/4" x 1-3/4" shoulder bolt.
Place one 1/4" flatwasher and one nylon washer on the shoulder bolt and insert it through the cylinder. After shoulder bolt is through the cylinder, place second nylon washer on shoulder bolt, and insert the shoulder bolt through the bolt hole in the hinge.
Secure bolt with 10-24 nut., Hold the cylinder parallel to the floor and secure the SS bracket with 4 phillips panhead screws. (the cylinder should be fully extended with hinge board at 90 degrees while mounting it to the floor, but may have to be retracted some to keep mounting landing between

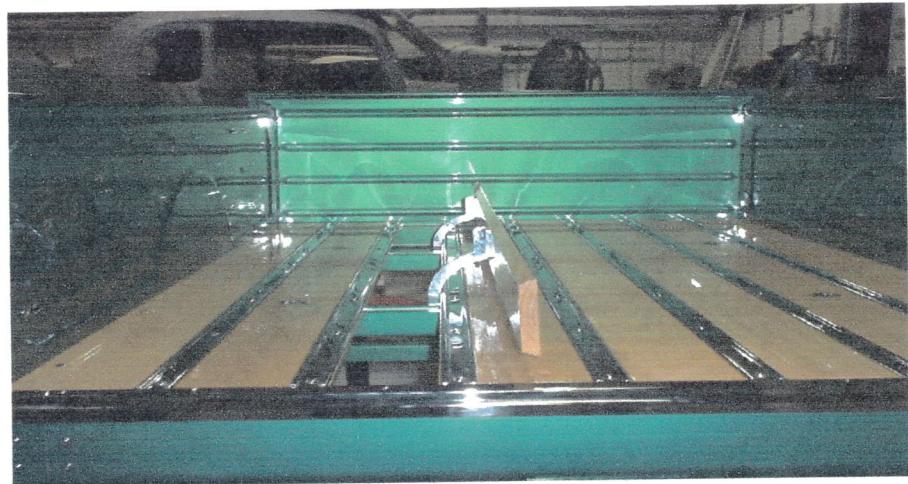
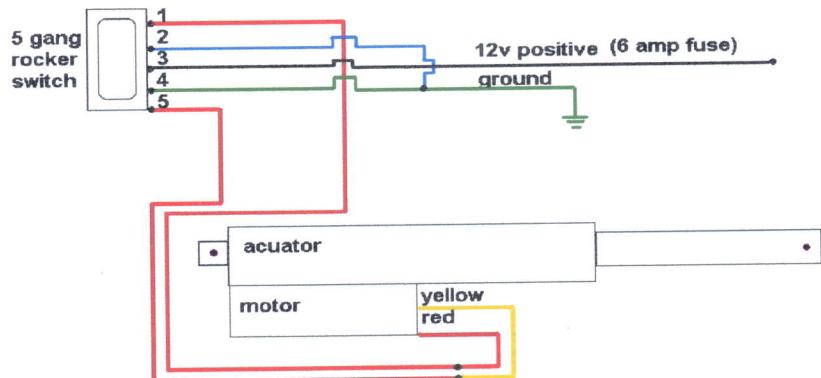
holes from two boards.



Step 7.

Electrical installation.

The 5 gang rocker switch can be placed at any location. The motor should be fused with a 6 amp fuse. Plug the 5 gang connector into the switch and run wiring as follows: Black to 12 volt, blue and green tie together and go to ground, the red wires are connected to either the yellow or red on the motor. (does not matter which goes where).



Hinge board opened at 90 degrees