

Tejas SteelWorks C10 ECM Mount

Thanks for buying another of our great C10 products!

This ECM mount was designed to mount on the inner fender well of your GM Squarebody. It features mounting points designed specifically for '81 to '91 models, but is easily adapted to earlier models. **Please read all instructions before you begin!**

Tools required:

- 10mm socket and driver
- 3/16" drill bit & drill
- T-25 torx driver
- 3mm hex wrench
- 8mm wrench (only for universal ATO fuse block model)
- 7/16" wrench (only for Littlefuse fuse box model)
- 5/32" hex wrench (only for Littlefuse fuse box model)

Hardware: (3 packages included)

- Bracket mounting
 - Qty 3, #14 sheetmetal screws,
 - Qty 1, #14 nylon nut
- ECM mounting
 - Qty 4, 5mm-0.80 x 30mm stainless button head screws
 - Qty 4, #12 x 1/2" nylon spacer
- Fuse block mounting
 - Qty 4, stainless machine screws with nylon lock nuts
(5mm-0.8 x 25mm for universal ATO fuse box)
(1/4"-20 x 1" for Littlefuse fuse box)

Now that you have gathered all your tools, some points about installation... **Don't Paint It, yet!**
None of the fasteners need to be more than snugly tightened. Don't fully tighten anything during trial fitting so that repeated removal doesn't wear out the holes in the fender.

Fitting:

It's best to confirm the mounting location before you apply any paint or install the ECM. Begin by finding the location. On '81-'91 models, where the jack was mounted to the fender wells with a carriage bolt, you can reuse the square hole in the top of the fender. This make positioning easy. Find the square nylon nut packed with the #14 sheetmetal screws, then snap it in from above. This is where the kickstand, under the fuse block, will sit.

Now, install one sheetmetal screw into the nylon nut just enough to free your hands for marking the holes to be drilled for the lower legs. If you do not have this square hole, or wish to use a different location, just position the bracket where you like, then mark and drill the hole for the kickstand. (Drill this hole, and those for the lower legs, with a 3/16" bit.) With a screw in the kickstand, straighten up the mount to your liking. You may find it necessary to bend the lower legs a bit to allow them to sit flush, or shim the kickstand with one or two washers. When you have the bracket squared up, and vertical, mark and drill the holes for the legs. Now remove the bracket from the fender.

Now, you can paint it!

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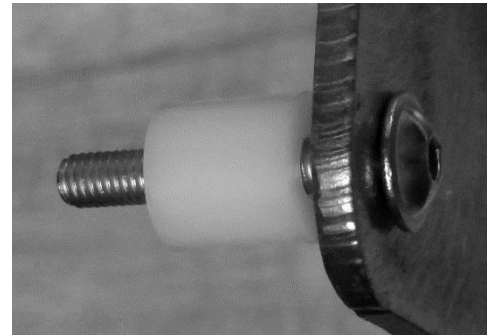
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Mounting the ECM:

After your paint has fully dried, you can mount the ECM. This is best done off the truck to avoid crossed threads and stripped holes in your ECM.

Begin by laying the ECM on a table, with the cover facing up, and remove the cover screws from the ECM with a T-25 torx driver. Use care to avoid stripping the holes. These are steel screws, in aluminum. **DO NOT REMOVE THE COVER.**

Lay the bracket over the ECM, with the ECM connectors on the same side as the lower legs. Slip the nylon spacers between the ECM and bracket, at each corner, and visually align the holes. Now carefully start the 5mm x 30mm stainless screws. It's highly recommended that you lubricate the threads with a bit of anti-seize or light oil. When all four screws are started, use the 3mm hex wrench to remove all slack from each screw, and then snug all four, being careful not to over tighten. In the event that you strip the threads in any hole, there is enough screw length to add a nut outside the ECM. Make sure you get nuts with 5mm-0.8 threads.



Installing the assembly:

Now that you have the ECM mounted, it's time to install it in the truck. You've already seen where it goes, and the holes are drilled. Just put it into position and install the screws. **But FIRST!....**

Your harness may need some coaxing to lay down the way you want. Take note of the notch in the lower edge of the bracket. This is to allow the fuse block harness to pass from the ECM side, or the ECM harness to pass from the fuse block side. Make sure that nothing is pinched, or in danger of being damaged by sharp edges or abrasion from vibration. When you like how everything sits, you can tighten up the screws mounting the bracket to the fender. Use care, again, not to over tighten. You'll be amazed at how sturdy this install will be.

Bracket Hardware

(3) #14 sheetmetal screws (10mm head)

(1) GM nylon license plate nut



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Mounting the fuse block:

The fuse block is retained by four stainless machine screws. The appropriate size fasteners are packed with your bracket, as described on page one of these instructions. The only difference in mounting procedure is that the ATO type sits on top of the bracket, while the Littlefuse fuse box mounts from underneath. The ATO blocks can be maneuvered through the hole. The Littlefuse fuse box will need the cover removed to put it into place. Reinstall the cover to hold the box in position while installing the screws. Firmly snug the screws, without distorting the plastic. The ATO type will require the 3mm hex wrench and 8mm wrench. The LSD type will require the 5/32" hex wrench and 7/16" wrench.

If you have the universal ATO type fuse block, you may only use a single block, attached by two screws. The extra space would be suitable for an accessory fuse block to run fans or auxiliary lighting.

Fuse Box Hardware

¼-20 x 1" for LSD fuse box



5mm-0.8 x 25mm for ATO



Congratulations! And Thanks Again!