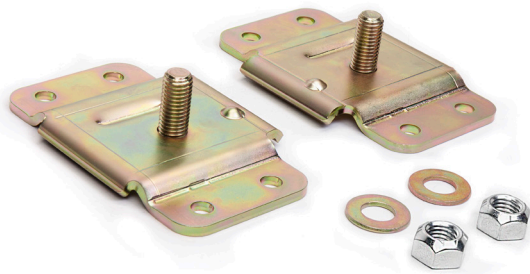


MM Coyote Swap Firewall-Clearance Motor Mount Adapters(MMEM-4)



Thank you for purchasing this Maximum Motorsports' Coyote Swap Firewall-Clearance Motor Mount Adapters. These MM Motor Mount Adapters relocate the engine about 0.7" forward from the location set by standard 4.6L motor mounts. This provides room for the CMCV vacuum motors of Gen 2 (2015-2017) and Gen 3 (2018+) Coyote engines to clear the 1979-2004 Mustang firewall.

The relocation happens because these adapters directly replace part of the Prothane 4.6L motor mount (passenger and driver side). Each adapter plate (passenger and driver side) has an offset stud. The stud attaches the motor mount to the K-member. The offset position of the stud relocates the engine forward on the K-member.

This kit was designed for use with the following:

- 1979-1995 Mustang with a Coyote engine swap using a MMKM-2.1 engine-swap k-member
- 1996-2004 Mustang with a Coyote engine swap using a MMKM-2 k-member

Read all instructions before beginning work. Following instructions in the proper sequence will ensure the best and easiest installation.

Required Tools

- Die Grinder or Utility Blade
- Basic Hand Tools

Required Supplemental Items

- Prothane 4.6L Motor Mounts (6-504 & 6-504-BL)

Installation Time

Shop: 0.75 Hours

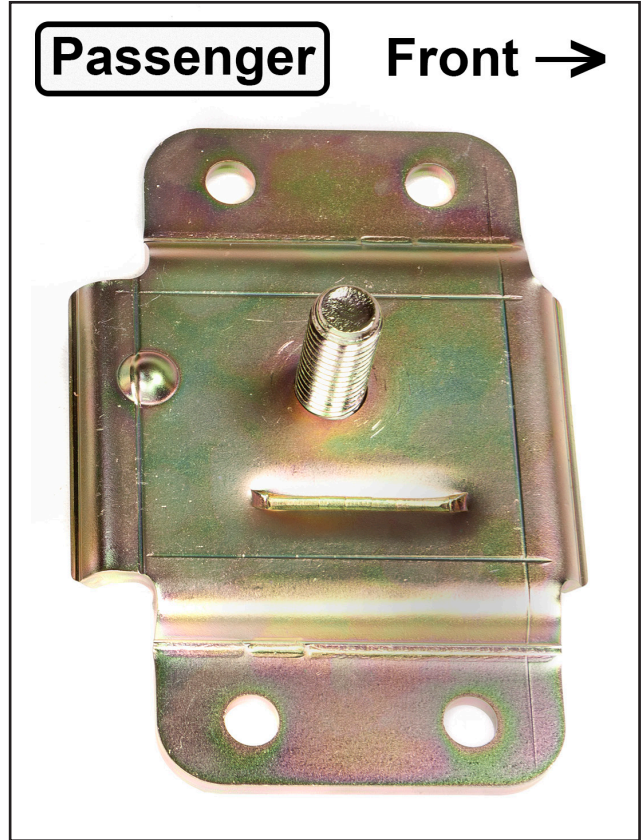
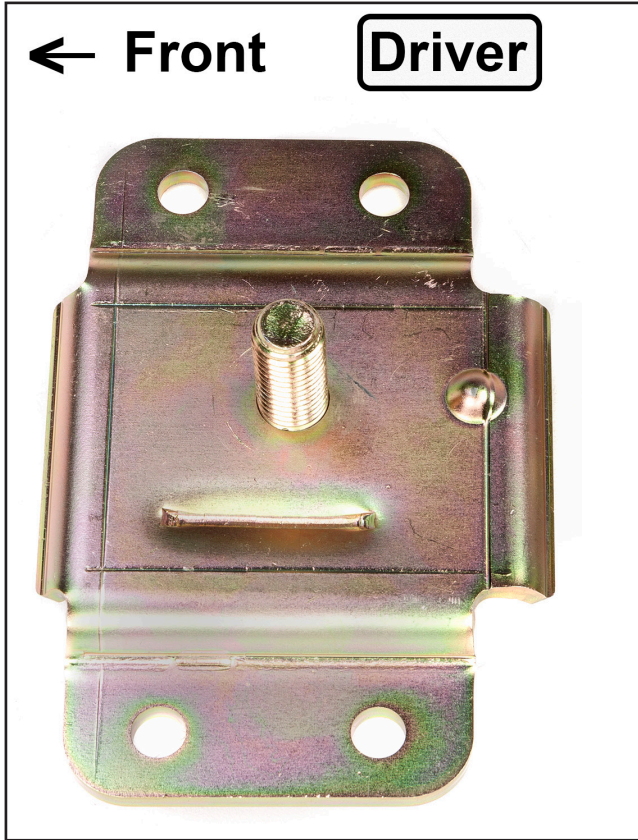
Home Mechanic: 1.5 Hours

This Kit Contains

Description	QTY
Driver Side Adapter Plate	1
Passenger Side Adapter Plate	1
9/16 G8 Flat Washer	2
M14-2.0 Self Locking Nut	2

Component Identification

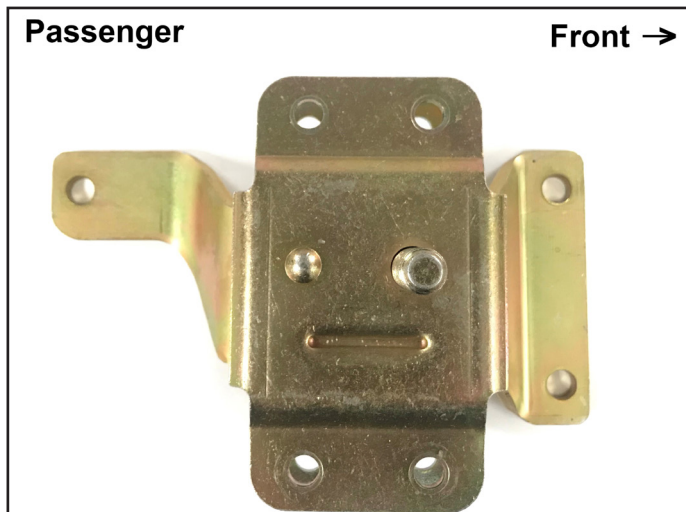
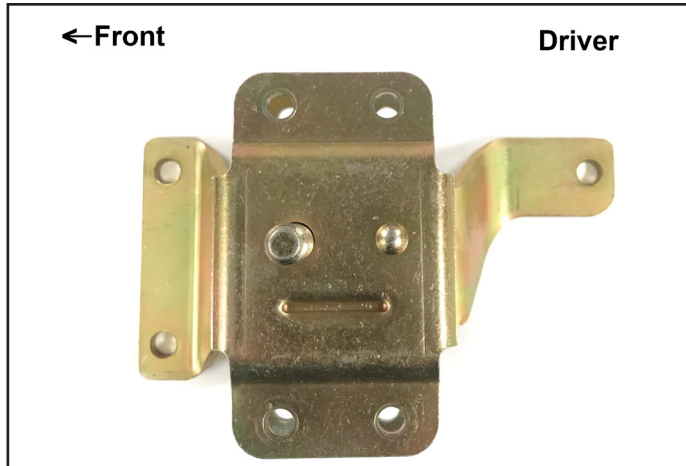
- Confirm that you received the correct components.
- Identify the Driver and Passenger side plates. You'll need to know which is which for the next steps.



Installation

NOTE: There is a Driver side and a Passenger side adapter plate. See the photos to identify the MM Adapter Plates and the Prothane motor mounts. Work on only one side at a time to avoid confusion.

1. Lay out both Prothane motor mounts and identify which is the Driver side and which is the Passenger side by using these photos.

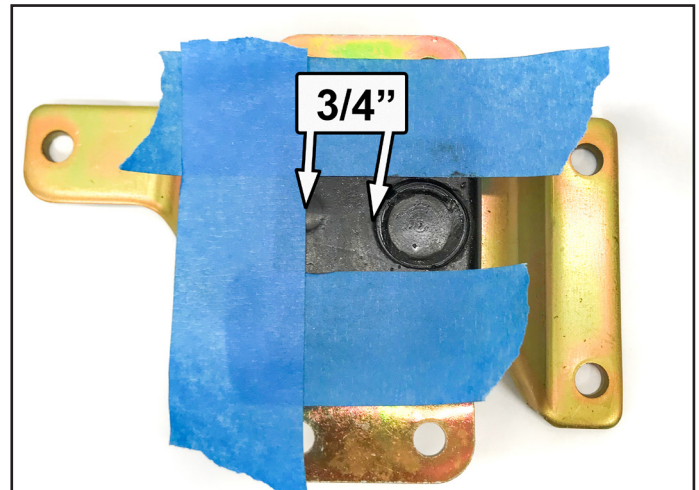


2. Set each MM adapter plate next to its matching motor mount.
3. Note the orientation of the features relative to each other: the stud, the raised bump, and the depressed channel. Keep that same orientation when the MM adapter plates are installed in place of the Prothane stud plates.

4. Remove the 4-bolts and nuts holding the two Prothane steel plates together.
5. Remove the upper and lower plates from the rest of the Prothane mount.

NOTE: The urethane must be modified to provide clearance for the head of the threaded stud of the MM Adapter Plate. This is most easily done with a die grinder. It can also be done with a utility blade. Whichever method you choose, take appropriate safety precautions. Don't hurt yourself!

6. Measuring $\frac{3}{4}$ " over from the edge of the cavity, mark the urethane with a piece of tape. Add two more pieces of tape to outline where you will be removing urethane from. See photo below for example.



7. Enlarge the cavity in the urethane as shown in the following photos.





8. Bolt the MM Adapter Plate to the Prothane backing plate by using the original Prothane hardware. Capture the urethane just as the Prothane steel plates originally did.
9. Tighten the 4 nuts to 42Nm (31 lb-ft).
10. Repeat steps 2 through 7 for the Passenger side motor mount.
11. Install the motor mounts on the engine as per the service manual.

NOTE: Below are the torque settings for installing the Engine Mounts on a Coyote Engine in a Fox or SN95 K-Member.

- Mount to Coyote Block Bolts: 55Nm (41 lb-ft)
- Mount to K-Member Nut: 127 Nm (94 lb-ft)

