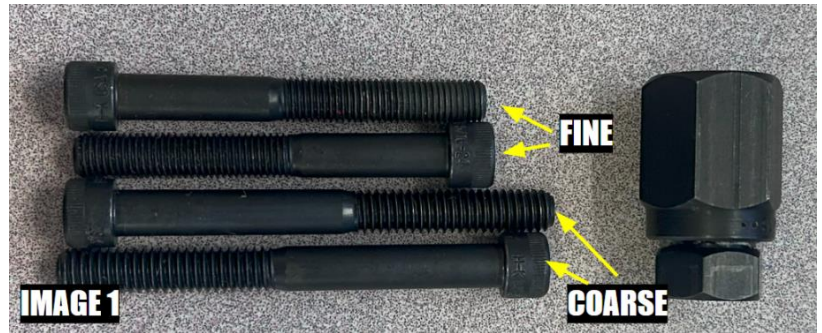


## G-Body Front Chassis Brace Install Instructions

### Tools Required:

- Socket Set and Wrenches
- 3/16" Allen
- Hydraulic Jack and Jack Stands or a Lift
- Drill
- 7/16" and 1/2" Drill Bit
- 5/16" Rivnut tool (McMaster Carr #96349A407), as shown in **IMAGE 1**



### Instructions:

1. Raise vehicle and secure on lift or jack stands.
2. Remove and discard the factory front lower chassis bars (if equipped) Each chassis bar bolts to the center frame crossmember and to each frame horn.



3. Test the provided hardware to ensure the threads are the same in the center of the frame crossmember

**NOTE:** Only some models received factory chassis bars as an option. Depending on year, and model your hardware/thread sizes may vary.

4. Disconnect the sway bar endlinks and brackets so the sway bar may be temporarily removed.
5. Loosely install the new brace on the car. Use the factory stud clips on the frame horn to hold the brace in place. **IMAGE 2**

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## G-Body Front Chassis Brace Install Instructions

6. Mark the bolt hole on the frame rail next to the idler arm (if relocating the sway bar) as well as the additional holes on the frame horns for the brace. **IMAGE 3**

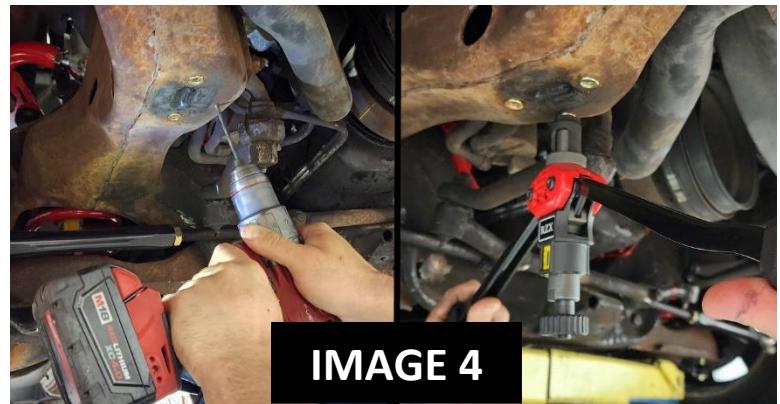
7. Remove the factory stud clips from each frame horn.
8. Remove the brace and drill the front holes to 1/2"
9. The spot next to the idler arm will need to be drilled to 7/16" to mount a relocated sway bar

**NOTE:** 5 Rivet nuts are included so the four threaded holes for the stock sway bar mount can be riv-nutted for strength. These holes will also need to be drilled to 7/16"

10. Remove the brace and use the 5/16-24 rivnut tool to install the rivnuts into the 7/16" holes.

**NOTE: USE THE FINE THREADED BOLT THAT IS INCLUDED WITH THE RIVET NUT TOOL. FOR RIVNUT TOOL INSTRUCTIONS, REFER TO**

<https://www.youtube.com/watch?v=uXf6-a2gcCc>



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## G-Body Front Chassis Brace Install Instructions

11. Install the chassis brace back onto the vehicle and slide the sway bar into position.

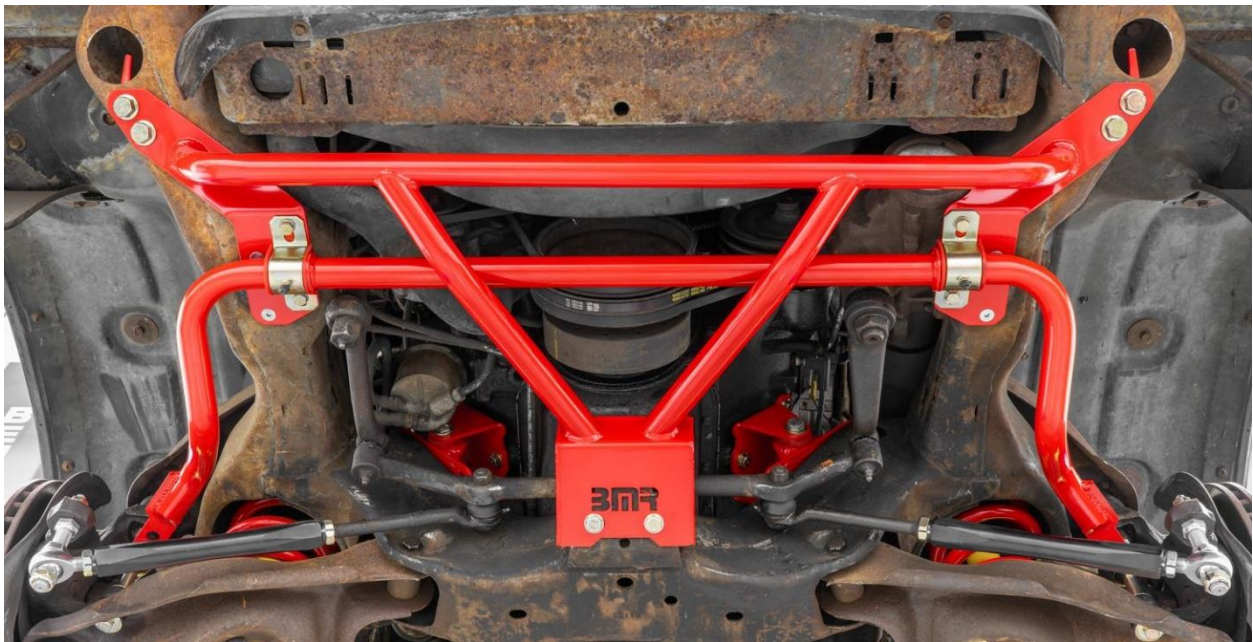
**NOTE:** The Chassis brace has additional holes for mounting a relocated sway bar. If you are using a stock sway bar, mount it to the countersunk holes using the flanged bolts. If you are relocating the sway bar, use the countersink bolts to flush mount the brace so the sway bar can run across it.



12. Using the provided nut plate and  $\frac{1}{2}$ " bolts, start all the bolts for the new brace. Tighten the brace to the underside of the car. The two (2) central bolts need to be **15 ft-lbs** and the outer four (4) need to be **45 ft-lbs**. The countersink  $\frac{5}{16}$ " bolts need to be tightened to **20 ft-lbs**. **IMAGE 5**

13. Install the front sway bar and reattach the endlinks

14. Lower the vehicle



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