

Installation Guide

Countryman/Paceman Bull Bar Kit 60-540200 | 60-540300 | 60-540400



Figure 1

M7 Speed engineers and manufactures the highest quality MINI accessories and performance parts available anywhere on the planet! Please inspect your parts when you receive them to verify everything is included and no damage has happened during shipment. Read these instructions completely BEFORE attempting to install this product. If you are not confident you can do the work described or do not have the tools or skills necessary please contact a local M7 dealer (listed on our website www.m7tuning.com) or a local automotive accessory installation center to perform this work.



CAUTION:

WHEN WORKING UNDER YOUR CAR ALWAYS USE THE RIGHT EQUIPMENT FOR THE JOB. DON'T BE TEMPTED TO TAKE SHORT CUTS OR USE INAPPROPRIATE ITEMS. NEVER WORK UNDERNEATH A VEHICLE THAT IS ONLY SUPPORTED BY A JACK; USE AXLE STANDS OR CAR RAMPS THAT ARE IN GOOD CONDITION AND PROPERLY RATED FOR YOUR VEHICLE'S WEIGHT.



KIT CONTENTS:

- [1] Bull Bar Hoop with 2 light bracket
- [2] Frame Brackets (RH & LH)
- [2] Adapter Brackets (RH & LH)

[1] Hardware Kit #90-1057

- [2] 3/8" x 4 1/2" square u-bolts
- [8] 3/8" x 1" lg hex head bolts
- [12] 3/8" hex head lock nut
- [20] 3/8" flat washers

TOOLS NEEDED:

- 9/16" SOCKET & RACHET AND WRENCHES
- PHILLIPS SCREW
- FLAT SCREWDRIVER
- 10MM SOCKET & RACHET AND COMBINATION WRENCH
- TORQUE WRENCH (ft-lbs)
- 5/8" OR 16MM SOCKET
- SIDE CUTTERS
- TAPE MEASURE
- SMALL BUBLE LEVEL

PREPARATION:

1. Safely raise car up and support it so you have adequate room to work underneath the front bumper cover and front part of the front frame assembly.



2. Using a Philips head screw driver remove the triangular shaped AC pump shield located on the right front corner of the car. The screws are quarter turn style. Reserve this shield for a later use. See Figure #2.

Figure 2: AC Pump Shield



Figure 3: Wire Clip-Right Side of Car

3. Locate the wires clipped to the right side outer frame rail. Using a screw driver or side cutters remove the clip from the frame rail. It is a plastic christmas tree style clip and can easily be removed. See Figure #3

4. Remove the two 1" x 12" support straps by removing the two 5/8" [16mm] frame connector bolts and the front two 10mm screws. Reinstall the large bolts removed from the rear and torque to 80 ft-lbs (110 Nm) each. Reserve the brackets and 10mm bolts for a later use. See Figure #4



Figure 4: Support Strap

MOUNTING THE FRAME BRACKETS

5. Place one square u-bolt over the top of each right side and left side frame rail. The threaded portion should be pointing down. Slide the u-bolts full forward on each rail. **CAUTION:** Do not capture the wires removed in step #3 between the frame rail and the u-bolt. The wires should be outside of the u-bolt when assembled.



Figure 5



6. Locate the left & right side frame brackets. The left side bracket is identified by a cutout on the rear gusset leg to clear the AC lines located in the mounting location. See Figure #6.

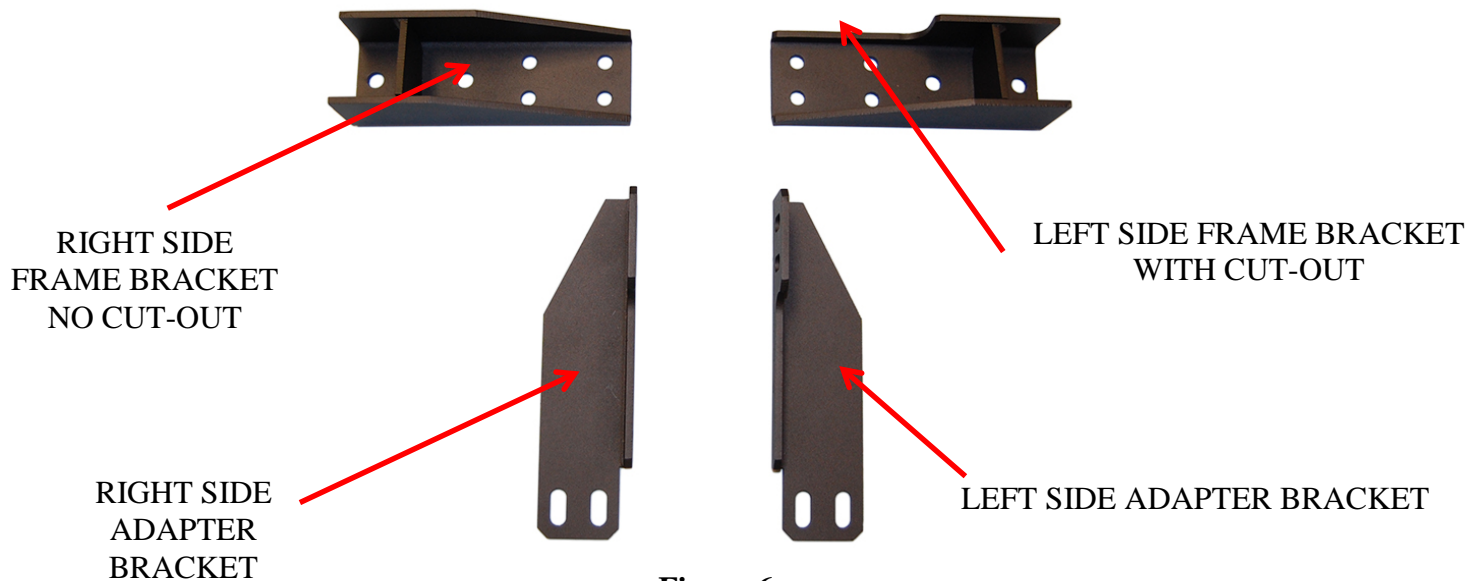


Figure 6



Figure 7

7. Place each bracket with the open side UP on the appropriate side of the car and slide the u-bolt through the holes. Place one 3/8" flat washer and one 3/8" nylok nut onto each threaded stud. Slide the u-bolts forward until the brackets are full forward on the frame rails and the u-bolt sits in a factory provided groove located on top of each frame horn. Snug each nut but **DO NOT TIGHTEN** at this time. The u-bolts should be approximately perpendicular to the frame brackets and the bottom of the brackets should be approximately parallel with the bottom of the bumper cover. Figure #7

BULL BAR ASSEMBLY

8. Locate the left & right side adapter brackets. See Figure #6 for hand identification.
9. Using the supplied hardware loosely bolt the adapter brackets to the main bull bar hoop. Each of the four holes uses (1) 3/8" x 1" lg hex bolt, (2) 3/8" flat washers and (1) 3/8" nylok hex nut. Snug each nut but **DO NOT TIGHTEN** at this time.



Figure 8

FINAL ASSEMBLY



Figure 9

10. Bolt the bull bar and adapter bracket sub-assembly to the frame brackets installed in step #7. Using the supplied hardware loosely bolt the adapter brackets to the outer set of holes in the frame brackets. Each of the four holes uses (1) 3/8" x 1" lg. hex bolt, (2) 3/8" flat washers and (1) 3/8" nylok hex nut. Snug each nut but **DO NOT TIGHTEN** at this time.

11. Align the bull bar hoop at the desired vertical angle when viewed from the side of the car and to the center of the car when viewed from the front of the car. The slots in all the mounting brackets allow for easy alignment.



12. Tighten all the 3/8" hardware to 25 ft-lbs (35 Nm) checking the alignment as you progressively tighten bolts.
13. Check to see that the AC line assembly on the left side of the car is not rubbing the LS frame bracket. If it is gently bend the line to gain adequate clearance and prevent rubbing. See Figure #8
14. Using a zip tie fasten the wire removed in step #3 to the frame
15. Review the install and check that all hardware is tightened to the specified tightness, no parts are rubbing and no wires are pinched.
16. Safely lower your car to the ground.
17. Mount your lights and HAVE FUN!

The light bar welded to the bull bar hoop allows for two 8" driving lamps to be mounted. Additional holes can be drilled to mount 3 or 4 smaller lamps to the bar.

You can also purchase optional M7 3 light (PN 96-1136-05) or 4 light (PN 96-1136-06) bars that bolt onto the two light mount to accept additional 8" lamps.

If anything seems unclear, please don't hesitate to call our office Monday – Friday, 9am—4pm EST. Or e-mail us techsupport@m7speed.com.

Enjoy the Ride and Stay M7 Tuned.....