

AGASO

CUSTOM EQUIPMENT

BUMPER BRACKET 1" LIFT KIT

TOOLS NEEDED

1. 1/2" metal drill bit & hand drill
2. deep 11/16" socket wrench
3. 11/16" box wrench and gear wrench
4. blue loctite

INSTALLATION INSTRUCTIONS

Step 1: Read these instructions top to bottom before starting assembly and installation.

Step 2: Remove original rear bumper from vehicle. Identify two brackets labeled "R" for rear and two brackets labeled "F" for front. The rear brackets have a steeper bend on the bottom than the front.

Step 3: Tape up rear cab corners below tail lights and front grill along entire bottom edge with two layers of low adhesive masking tape. If low adhesive not available, touch tape to pants or shirt to lower adhesiveness. This will aid in removal and reduce the chance of pulling paint, while protecting your existing paint during bumper installation. It is a good idea to tape the inside edges of bumper where it might contact the taped area as an extra precaution.

Step 4: On the underside of all four frame rails mark hole location 3" from rear most edge. Hole should be centered in frame rail approximately 1-7/16" from either side. Use a 1/2" drill bit to drill hole. The drilled hole will be slightly larger than the hardware to give a small amount of adjustment to make up for inconsistencies in the frame rails. (see image #3 on next page for reference)

Reference instructions for steps 5, 6, 7 on next page!



Image #1

Step 6



BOLT A

Step 7



BOLT B

Step 5



BOLT C

Thin jam nut

**Set aside 2nd washer/nut to be used after installation on frame

Step 5: Put bumper on work table and place “R” brackets in location. Identify the shortest ½” carriage bolt (BOLT C) and APPLY BLUE LOCTITE, then leaving 1-2 threads LOOSE, install ½” carriage bolt into center hole using thin jam nut (no lock washer), making sure the head is flush against the bumper. Stock bumpers are stampings and will have inconsistencies even when new, so the fit might seem tight or loose but should not affect final fit. (see image #2 for reference)

Step 6: Install longest carriage bolt (BOLT A) in top hole and make sure it is fully flush against bumper on top, then install and FULLY TIGHTEN lock washer and nut using a long 11/16” socket. (TIP: put the socket only around nut and then push socket wrench onto socket, as space is tight inside the bracket.)

Step 7: Install 1” carriage bolt (BOLT B) into bottom hole making sure the head is flush on the bumper and FULLY TIGHTEN. Now FULLY TIGHTEN ½” middle bolt from Step 5 (BOLT C) until bracket sits flush on the inside face of the bumper.



Step 8: Slip bumper and bracket assembly onto your frame, the longest carriage bolt (BOLT A) should go through the top stock hole on frame. (see image #2 for reference)

Step 9: Install the indented hex bolt (BOLT D) with a washer and lock nut up through the bottom hole previously drilled, thread into bottom of bracket and FULLY TIGHTEN. There is a welded nut in the bracket so no other hardware is required.

Step 10: Install the final lock washer and nut from BOLT A on the underside of the long carriage bolt under the top of frame rail and FULLY TIGHTEN.