www.maximummotorsports.com
3430 Sacramento Dr., Unit D
San Luis Obispo, CA 93401
Telephone: 805/544-8748
Fax: 805/544-8645

1979-01 MM Diff. Bushing Press Tool (MMT-1)

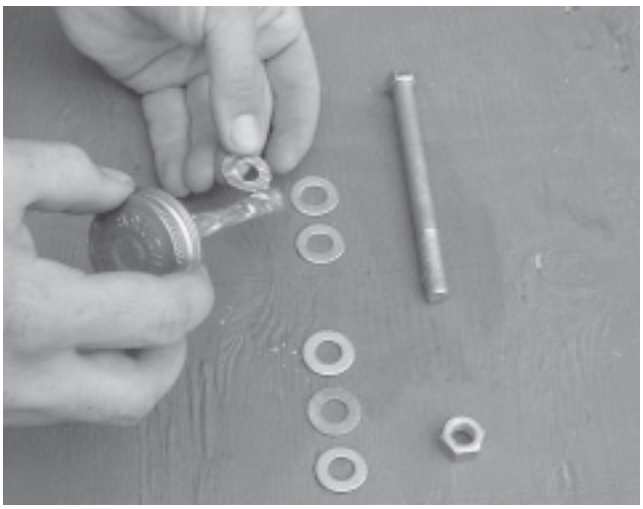
Read all instructions before beginning work. Following instructions in the proper sequence will ensure the best and easiest installation.

Bushing Removal

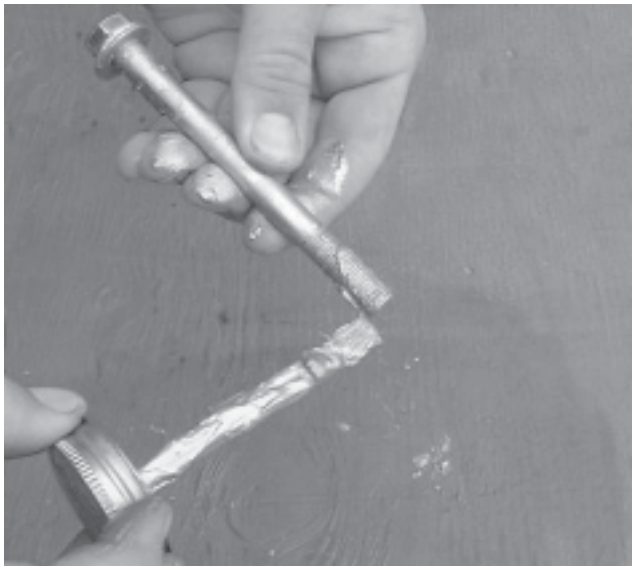
1. Clean the exposed outer shell of the upper control arm bushings to remove all rust and dirt. This is necessary to insure that the bushings can be pressed out without galling the differential.

2. Soak the outer shell of the bushings with penetrating oil.

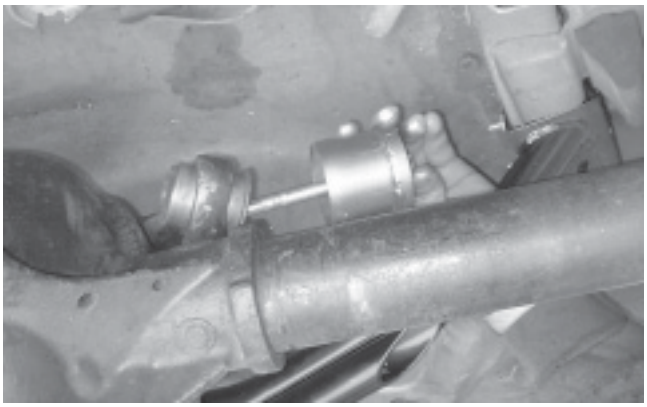
3. Liberally apply anti-seize compound to both sides of all six 7/16” Grade 8 washers supplied.



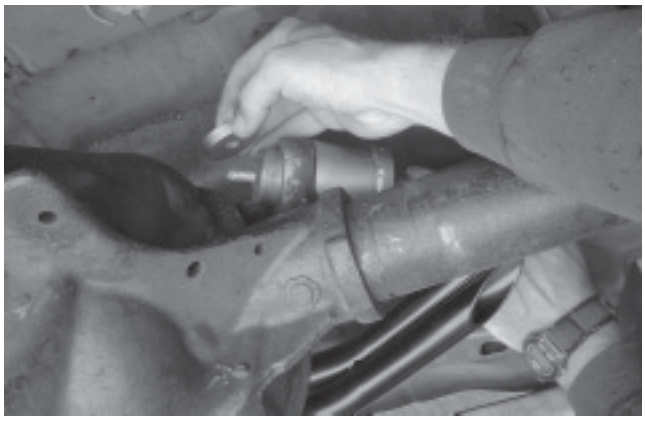
4. Liberally apply anti-seize compound to the threads of the 7/16”-20 x 5” Grade 8 bolt supplied.



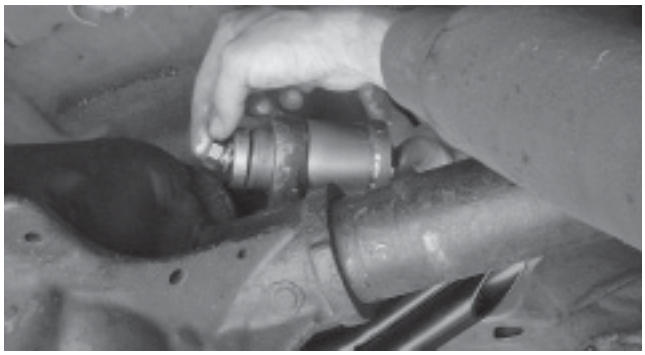
5. Slide *three* 7/16” Grade 8 washers onto the bolt. Slide the 7/16” bolt through the hole of the Bushing Removal Cup (the larger of the two cups). Place the bolt and the cup over the flanged end of the control arm bushing in the differential.



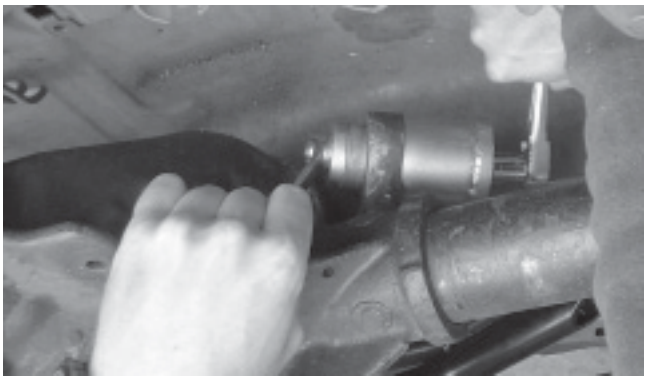
6. Place the 1-3/4” diameter x 3/8” thick disc onto the exposed end of the bolt.



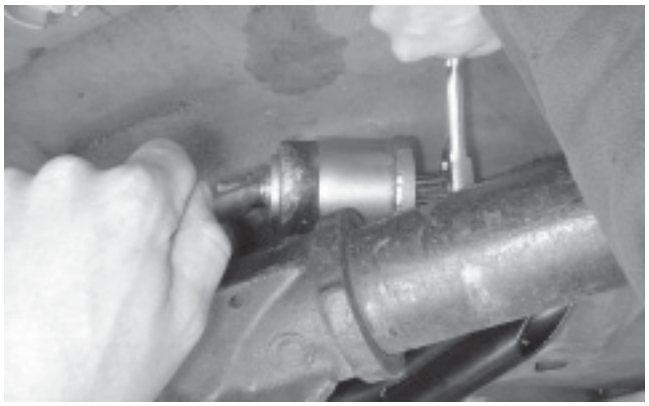
7. Place *three* 7/16” Grade 8 washers over the exposed end of the bolt and thread the 7/16”-20 Grade 8 Hexnut onto the bolt.



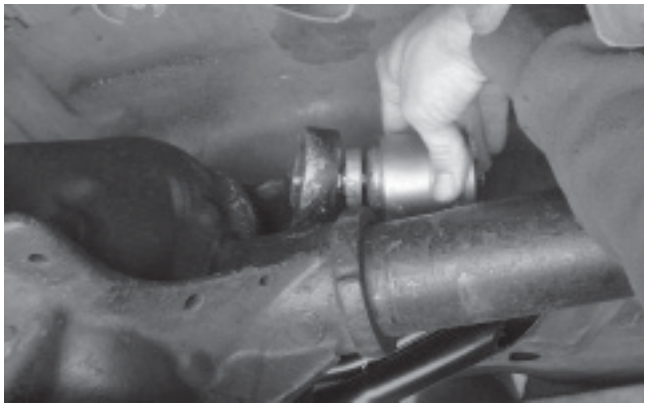
8. Tighten the 7/16” Grade 8 bolt and nut to draw the bushing out of the differential.



9. When the bushing is almost out of the differential, care must be taken to make sure that the 1-3/4” x 3/8” disc is alligned and can pass freely through the hole in the differential housing.

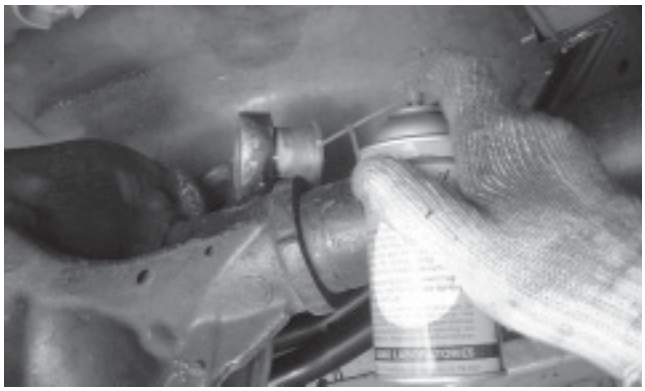


10. The bushing, when extracted from the differential housing, will end up inside of the Bushing Removal Cup.

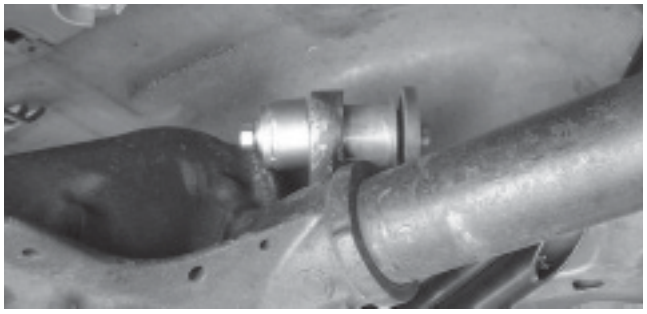


Bushing Installation

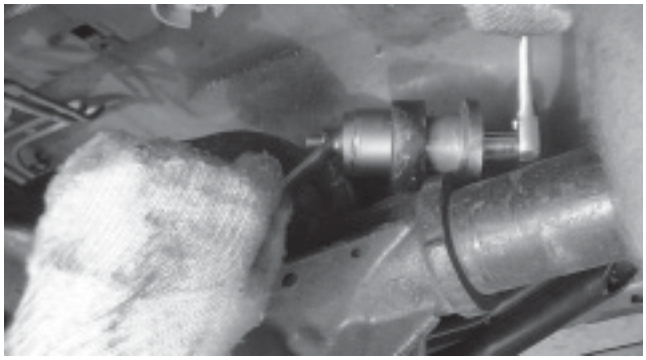
1. The bushings can be started into the differential by hand. Lube the outer shell of the new bushings with a light oil.



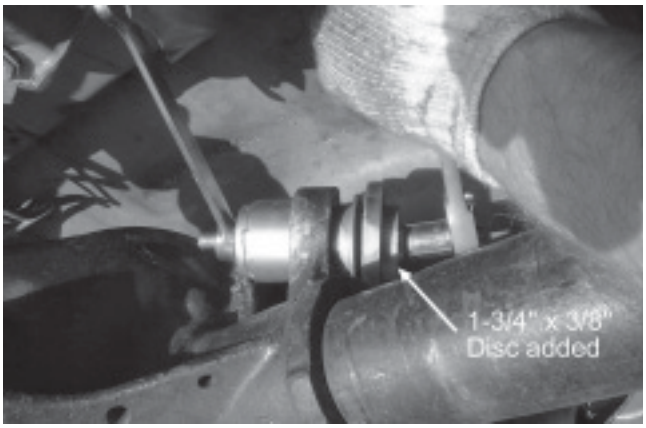
2. Re-coat the washers and the threads of the bolt with anti-seize compound.
3. Install three 7/16” Grade 8 washers onto the 7/16” bolt followed by the 2-3/4” diameter x 3/8” thick disc.
4. Place the bolt and the washer into the flanged end of the control arm bushing in the differential. On the opposite side of the differential bushing bore, place the Bushing Installation Cup (the smaller cup) followed by three 7/16” Grade 8 washers and the 7/16”-20 Grade 8 hexnut.
5. Tighten the 7/16” Grade 8 bolt and nut to begin drawing the bushing into the differential.



6. Continue drawing the bushing into the differential until the nut runs out of threads on the bolt. You will notice an increase in resistance when this happens; do not continue tightening the nut as it will gall the threads.



7. At this point dissasemble the tool. Leave the three 7/16” Grade 8 washers on the bolt and add the 1-3/4” x 3/8” disc between the 2-3/4” disc and the three 7/16” flat washers.
8. Reassemble the tool as before and continue drawing the bushing into the differential. The installation is complete when the bushing bottoms out in the Bushing Installation Cup. At this point, the nut will become very difficult to turn.
9. Remove the Bushing Press Tool.



Kit Contents

1	7/16”-20 x 5” Grade 8 hexbolt
1	7/16”-20 hex nut
6	7/16” G8 flat washer
1	2-3/4” x 3/8” Steel disc
1	1-3/4” x 3/8” Steel disc
1	large bushing removal cup
1	small bushing installation cup

