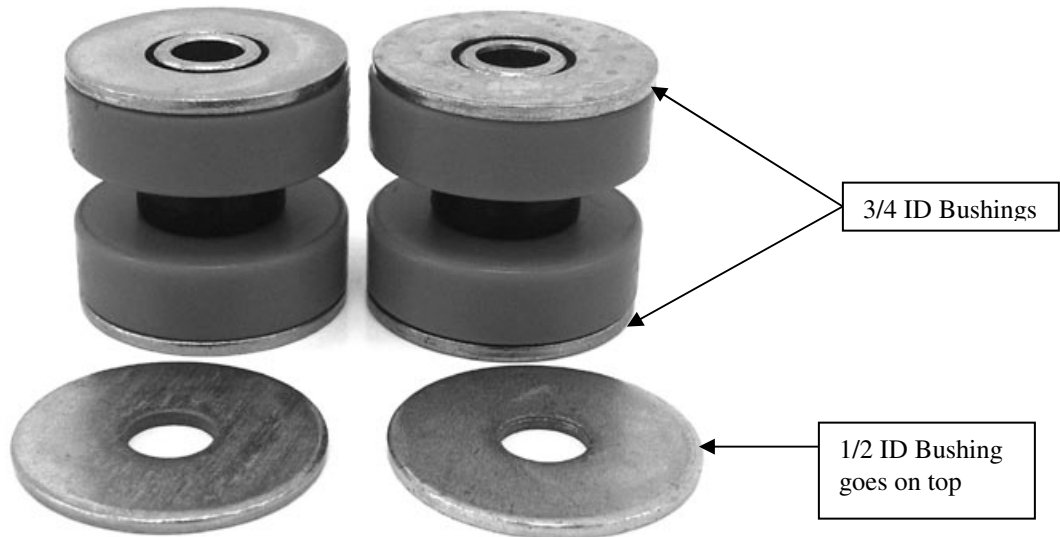


Cobra IRS Differential Bushings Installation Instructions



1. Raise the car and support on jack stands
2. Loosen the bolts on both bushings so the differential hangs down, but only remove one bolt and bushing at a time. If the car is a '03 Cobra, you will also have to disconnect the differential support brace from subframe, one side at a time.
3. Start by removing the bolt through the center of the bushing. This is normally requires two 18mm wrenches.
4. Pull the old bushing out of the differential. You have to remove both halves of the bushing, one from the top and one from the bottom.
5. Take the new bushings apart and spread a light coating of grease on the pieces.
6. Put the smaller center bushing piece and one of the large bushing pieces on the steel sleeve. Put these on top of the differential housing with the smaller bushing down so the sleeve is sticking down into the differential housing.
7. Jack up the differential so that the bushing is squeezed between the differential and the subframe, until the small bushing is forced into the hole in the housing.
8. Lower the differential back down and side a 3/4" ID washer on top of the large bushing. Tap the steel sleeve up with a hammer so the sleeve sticks up through the center of the washer.
9. Insert the 1/2" ID washer on top of the 3/4" washer.
10. Push the differential weight up onto the bushing sleeve, followed by the other large bushing piece and the 3/4" washer on the bottom.
11. Lift the differential up and insert the bolt up through the bushing sleeve. Start the nut on the bolt. On the '03 Cobra, the differential cross brace goes underneath the 3/4" washer, between the bolt head and the washer.
12. Slowly tighten the nut while watching the 3/4 ID washers. The washers must stay centered on the bushing so the sleeve goes through the center. If the washer gets pinched by the sleeve, loosen the bolt and reposition the washer so the sleeve goes through the center.
13. Tighten the bolts to 35-40 ft lb.