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Kit #1059(Front upper)
Corvette



1. Pressing Del-A-Lum bushings into upper control arms.
- A. Press the bushing housing in the upper control arm so that the large lip is to the outboard side of the arm.

Press in one side only!

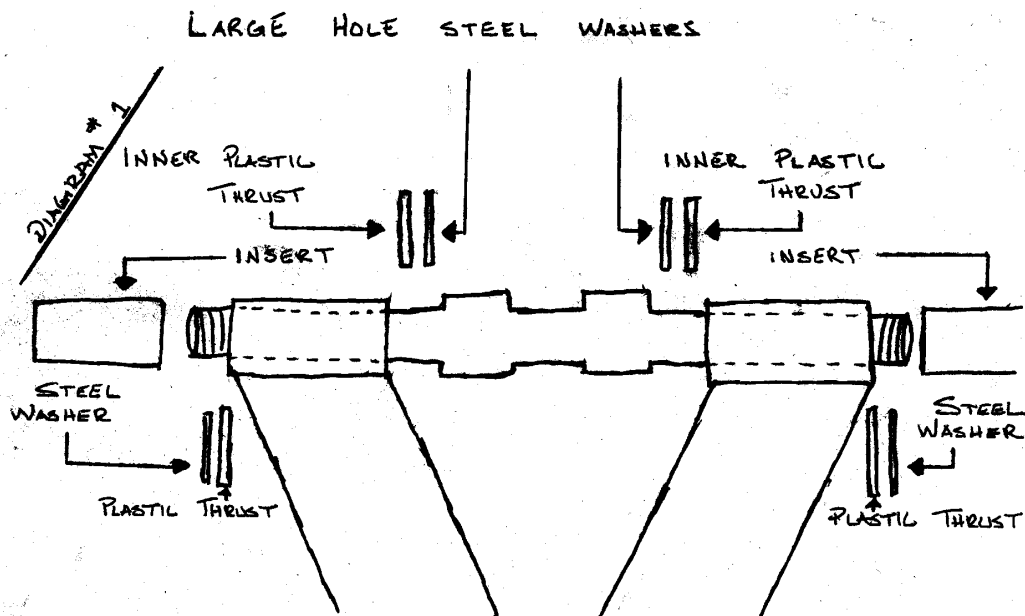
(NOTE: Press the smaller of the two bushings in first.)

The bushing lip has a hole threaded to accept a grease fitting. Position the hole at the 12 o'clock position. This will allow easy access to the grease the bushings when they are installed on the vehicle. Determine this position before you press the bushing housing into the arm.

- B. The lip on the bushing should be flush with the arm after the presswork is completed.

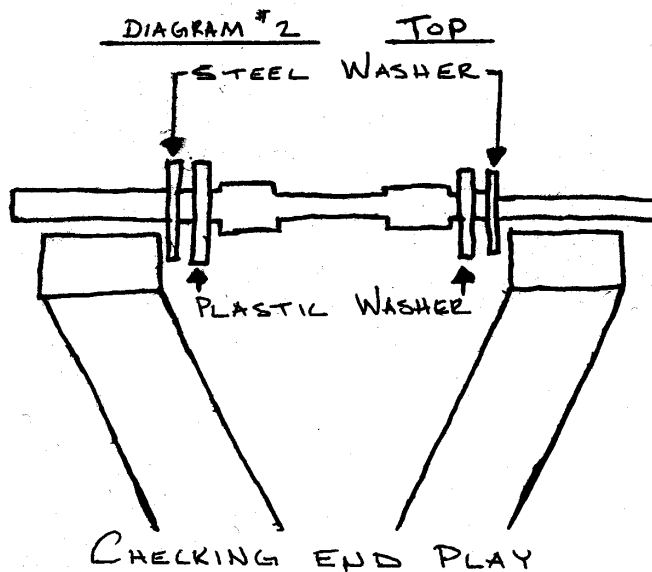
2. Fitting the inner thrust washers on the upper control arm.

- A. NOTE: Before pressing the other bushing housing into the arm, you must first install two plastic and steel inner thrust washers to the control arm shaft. Each arm will have to be



measured for proper plastic thrust washers. Install the large hole steel thrust washers on (one each side of the shaft) and then plastic thrust washers on the ends of the control arm shaft. The plastic washers must be installed so that they will be against the bushing housing. (See diagram #1) Size the inner thrust washers so that you will get the least amount of endplay. This is accomplished by using various combinations of the eight inner thrust washers supplied in your kit. To test the fit, place the shaft with both the plastic and steel thrust washers installed next to the arm. You'll note that the washers extend far enough so that you can get an idea of the endplay. (See diagram #2) Once you have established the proper fit for both upper arms, install the shafts in the arms.

- B. Slide one end of the shaft through the control arm hole without the bushing housing. There should be enough play to allow the other end of the control arm shaft to be inserted through the bushing housing at the opposite side of the arm.
 - C. Install the second bushing housing as you press it into place. While pressing, support the arm so you don't distort it.
3. Assembly of the upper control arm bushing.
- A. Lube inside of bushing housing. Lube both the inside and outside of the inserts. Push the inserts into the bushing housing and over the control arm shaft end.



- B. Install a large plastic thrust washer so that it is against the lip of the bushing housing. Fit a steel washer next to the thrust washer. Install the factory Corvette nut and tighten to 10 ft/lb on each side.
- C. Only after torquing, drill a 1/8" hole through the nut and the control arm shaft. Insert a cotter pin through the hole and fasten. The cotter pin stops the nut from backing off.
- D. Install the grease fittings and lubricate the bushings.
- E. Re-install the arms.
- F. Align the vehicle.