



Application: Corvette 1963-1982



Search: *Suspensions and Chassis*
www.mamotorworks.com

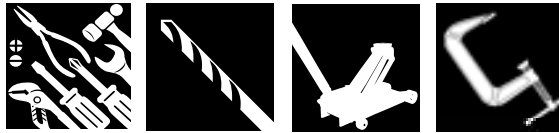
Trailing Arm Rubber Bushing Kit

Part Includes

- 2 - Rubber Bushings w/ Steel Casing
- 2 - Flat Washers
- 1 - Bolt
- 2 - Beveled Washers
- 1 - Long Sleeve Bushing
- 1 - Lock Washer
- 1 - Nut



Tools Needed



DIRECTIONS FOR SAFE AND PROPER APPLICATION

STEP 1.

Jack up car and place securely on jack stands. Remove rear wheels.

REMOVAL OF REAR END PARTS

STEP 1.

Disconnect rear spring from trailing arms. If steel spring, place vise grips about 4" from spring end. Place jack pad firmly against vise grips and remove nut from spring end bolt. Slowly lower spring end using the jack. If fiberglass spring, place jack pad on steel end plate provided for this purpose. Repeat on opposite side of spring. Unbolt spring from differential housing and remove from car.

STEP 2.

Place a jack stand under each wheel hub to support trailing arm ends. Disconnect stabilizer (sway) bar from trailing arms. Disconnect and remove shock from each rear bearing carrier. Disconnect either the outboard or inboard end of each strut rod.

REMOVAL OF TRAILING ARM BUSHINGS

STEP 1.

Remove trailing arm pivot bolt from frame. Carefully slide front of trailing arm out of frame. Use caution, as trailing arm with brake rotor is heavy. Move jack to support trailing arm.

STEP 2.

Using a 11/16" dia drill bit, drill out one of the flared ends of the bushing's retaining shaft. Remove the flat retaining washer and the inner steel shaft from the rubber bushing. Next, knock out the bushing's steel inner sleeve and the rubber, using caution so as not to damage the outer sleeve that will be reused. Wire brush the interior of the outer sleeve remaining in the trailing arm, and lightly grease, for easy insertion of new bushings. If you're also replacing the outer sleeves at this time, then knock out the outer sleeves from the trailing arm.

NOTE: If trailing arm is rusted, it may have a tendency to spread during bushing removal. Use a C-clamp to prevent spreading.



Mamotorworks



@CorvettePassion



MidAmericaMotorworks



CorvettePassion

2900 North Third Street, Effingham, IL 62401
800.500.1500 • Worldwide: 217.540.4200 • FAX: 217.540.4800
www.mamotorworks.com • generalmail@mamotorworks.com
 ©Mid America Motorworks, Inc. All rights reserved.



Description (cont.)

REASSEMBLE

STEP 1.

Press new rubber bushings on each side of trailing arms.

STEP 2.

Put a beveled washer on long sleeve and install through new bushings. Add other beveled washers to the end of the sleeve.

STEP 3.

Install this assembly in Trailing Arm Bushing. Press and compress until end appears through beveled washer. Now "peen" the end with tool until it captures beveled washer.

STEP 4.

Remove from press.

STEP 5.

Install into frame of car, add some adjustment shims to each side and take to alignment shop. Take extra shims for person doing alignment.

