



Detroit Speed, Inc.
Front Tubular Anti-Roll Bar
 1970-1981 F-Body and 1964-1977 A-Body
 P/N: 031402 and 031406

The Detroit Speed, Inc. Front Tubular Anti-Roll Bar is designed to address the shortcomings of the small factory F-Body and A-Body Anti-Roll bar. The DSE Anti-Roll bar kit comes with greaseable polyurethane bushings, mounts and end links. Testing revealed a dramatic improvement on cars with stock suspension and optimal improvement on cars fitted with other DSE components.



Figure 1 - Part Number 031402 Shown

Item	Description	Quantity
1	Tubular Anti-Roll Bar	1
2	LH Frame Adapter Plate	1
3	RH Frame Adapter Plate	1
4	3/8" - 16 x 3/4"L Countersunk Socket Head Cap Screw	4
5	Polyurethane Anti-Roll Bar Bushing	2
6	Anti-Roll Bar Bushing Mounting Bracket	2
7	Anti-Roll Bar End Links	2
8	3/8" - 16 Nylock Nut	4
9	3/8" AN Washer	4
10	Super Grease	1
11	Instructions	1

Fastener Torque Specification	
Application	Torque (ft-lbs)
Frame Adapter Plate	35
Anti-Roll Bar Bushing Retainer (3/8" - 16)	35

1. To begin installation, chock the rear wheels and loosen the front lug nuts. Raise the front of the vehicle and support the front of the vehicle under the control arms so the front suspension is at ride height. Remove the front wheels.

2. Remove the existing Anti-Roll bar from vehicle. **NOTE:** For the 1964-67 A-Body applications, the factory 5/16"-18 mounting holes will have to be drilled and tapped for the 3/8"-16 hardware.
3. Place the provided frame adapter plates on the frame. The countersunk slotted holes are used to mount the adapter plates to the frame. Thread the 3/8" - 16 x 3/4"L Countersunk Socket Head Bolts into the frame using Medium Strength Blue Loctite 242 and torque the bolts to 35 ft-lbs. **NOTE:** The plates need to be positioned so that the studs are closest to the front bumper. The countersunk holes in the adapter plates are slotted, so your bolts will not be centered in the slots. Refer to Figure 2 for reference.

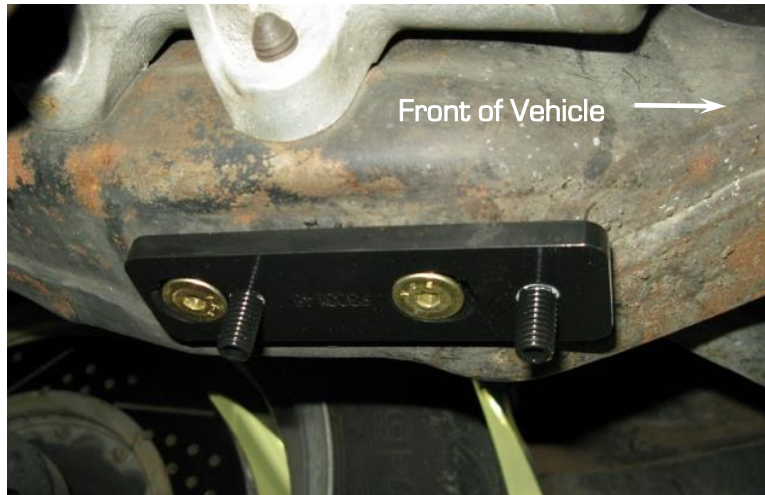


Figure 2 - Mounting the Adapter Plate (1964-67 A-Body)

4. Install the urethane bushings on the Anti-Roll bar using the provided Super Grease and slide the brackets over the bushings.
5. Position the Anti-Roll bar against the adapter plates so the brackets go over the studs. Thread the 3/8" - 16 Nylock Nuts onto the stud along with an AN washer. Do not tighten at this time. See Figure 3.

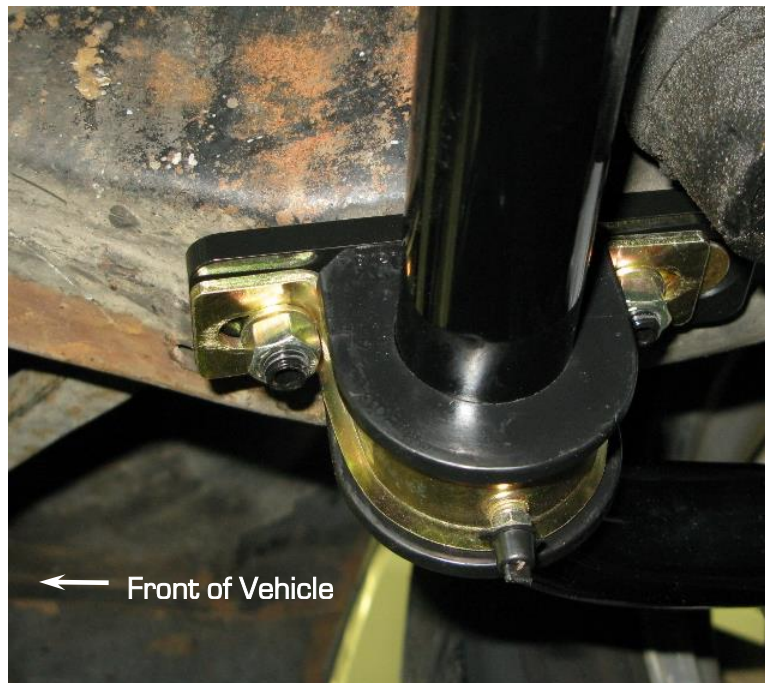


Figure 3 - Install Anti-Roll Bar (1964-67 A-Body)

6. Disassemble the Anti-Roll bar end links and re-assemble the assembly between the Anti-Roll bar and the lower control arm. **NOTE:** It may be necessary to reposition the Anti-Roll bar in the mounts to better line up the end links. Do not overtighten the end links. The end links are tight when the polyurethane bushings start to compress.
7. The Anti-Roll bar bushing clamps can now be tightened to the adapter plates. Torque the nuts to 35 ft-lbs.
8. Reinstall the front wheels and torque to the manufacturer's recommended torque specs. Lower the vehicle to the ground. The finished installation should resemble Figure 4.



Figure 4 - Completed Installation