



Detroit Speed, Inc.
Front Tubular Anti-roll Bar
1967-1969 Camaro/Firebird, 1968-1974 Nova
P/N: 031401

The Detroit Speed, Inc. Front Tubular Anti-roll Bar is a great way to greatly improve handling and reduce body roll. The anti-roll bar measures 1 1/8" in diameter and is finished in a gloss black powdercoat. The kit includes all necessary items needed to install the anti-roll bar.

Quantity	Item
1	1 1/8" Tubular Anti-roll Bar
2	Anti-roll Bar End Link Assemblies w/Polyurethane Bushings
2	Polyurethane Anti-roll Bar to Frame Bushings
2	Anti-roll Bar Mounting Brackets
4	5/16" - 18 x 3/4" Grade 8 Hex Head Bolts (Early Applications)
4	5/16" Flat Washer (Early Applications)
4	3/8" - 16 x 3/4" Grade 8 Hex Head Bolts (Late Applications)
4	3/8" Flat Washer (Late Applications)
1	Super Grease

Fastener Torque Specifications	
Application	Torque (ft-lbs)
Anti-roll Bar Mounting Bracket to Frame (5/16" Bolts)	20
Anti-roll Bar Mounting Bracket to Frame Bolts (3/8" Bolts)	25

1. To begin installation, chock the rear wheels and loosen the front lug nuts. Raise and support the front of the vehicle. Remove the front wheels.
2. Remove the existing anti-roll bar from the vehicle.
3. Position the anti-roll bar into the subframe. **NOTE:** It may be necessary to separate the lower control arm from the spindle to provide clearance for installation of the anti-roll bar. This should only be necessary on one side of the vehicle.
4. Install the polyurethane bushings on the anti-roll bar. **IMPORTANT:** Use the provided Super Grease when installing the bushings on the anti-roll bar.
5. Place the anti-roll bar mounting bracket over the anti-roll bar bushing. Due to frame variations, both 5/16" and 3/8" bolts have been provided to attach the bracket to the frame. Using the appropriate bolt for the frame, thread the bolt and flatwasher into the frame. Leave these bolts loose at this time.
6. Disassemble the anti-roll bar end links and re-assemble the assembly between the anti-roll bar and the lower control arm. 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 frame. If 5/16" bolts were required, torque the bolts to 20 ft-lbs and if 3/8" bolts were required, torque the bolts to 25 ft-lbs.
8. Reinstall the lower control arm, if removed, along with the front wheels and lower the vehicle to the ground.

If you have any questions, please call Detroit Speed, Inc. at (704) 662-3272.