

Detroit Speed
 Front Sway Bar
 2010-15 Camaro
 P/N: 031412DS

The Detroit Speed Front Tubular Sway Bar has been engineered to correct the shortcomings in the 5th Generation Camaro suspension. The front sway bar is a larger diameter bar, 1-1/8" (28.5mm) OD, than the OEM bars with an increased rate for improved performance handling. The sway bar is powder coated gloss black and the bushings are also black for a clean uniform finish.



Item	Description	Quantity
1	1 1/8" Tubular Front Sway Bar	1
2	Polyurethane Sway Bar Frame Mount Bushings	2
3	Sway Bar Mounting Brackets	2
4	1/4" USS Washer	4
5	Super Grease	1
6	Instructions	1

NOTE: The four 1/4" USS washers are to be used at each mounting bracket bolt or stud if you have an early car with the smaller M8 mounting hardware. If you have a later car with the M10 mounting studs and bolts you do not use these washers.

If you have a car with M12 front end-link studs you will need to drill out the end-link holes in the front sway bar with a 1/2" drill bit.

Torque Specification Table	
Application	Torque (ft-lbs)
Front End Link Nut at the Anti-roll Bar	37
Front Anti-Roll Bar Bushing Clamp Nuts	25 (M8) 32 (M10)

Figure 1

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. **NOTE:** It may be easier to remove the old sway bar and install the DSE sway bar by removing the two engine bolts from the front cradle, then raise the engine up with a jack. This will give you more clearance when removing and installing the sway bar (Figure 2).



Figure 2 – Raise Engine

2. Remove the end links and bushing clamp nuts from the sway bar and remove the existing sway bar from the vehicle.
3. Position the sway bar in the vehicle. **NOTE:** We recommend leaving the plastic sleeve on the sway bar to help protect the powdercoat when positioning the bar into the vehicle.
4. After removing the plastic sleeve, install the polyurethane bushings on the sway bar. **IMPORTANT:** Use the provided Super Grease when installing the bushings on the sway bar.
5. Place the sway bar mounting brackets over the sway bar bushings, thread the factory clamp nuts onto the studs however do not torque them at this time.
6. Install the front-end links into the sway bar and thread the factory end link nuts onto the stud (Figure 3). Torque the end link nuts to 37 ft-lbs as shown in Figure 1.



Figure 3 – Install End Links

7. The sway bar bushing clamp nuts can now be tightened. Torque them according to the table shown in Figure 1, 25 ft-lbs. for the M8 fasteners and 32 ft-lbs for the M10 fasteners.
8. Lower the engine and re-install the two engine bolts into the front cradle if removed.
9. 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.

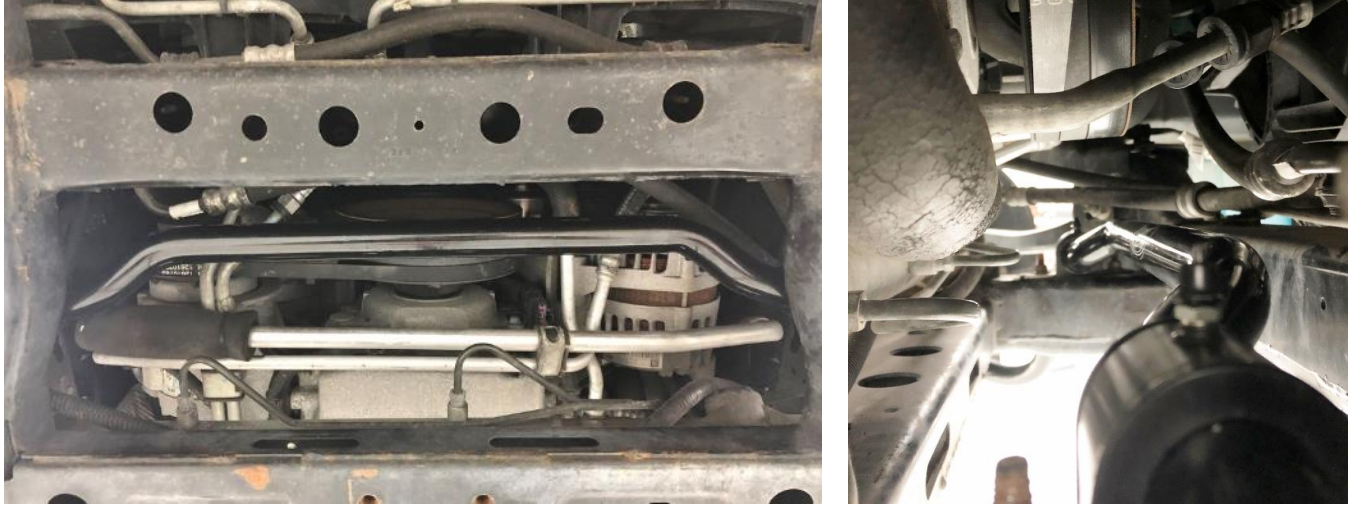


Figure 4 - Completed Front Installation

If you have any questions before or during the installation of this product, please contact Detroit Speed at sales@detroitsspeed.com or 704.662.3272

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