



Detroit Speed
Heavy-Duty Shackle Kit with Bushings
1967-81 Camaro/Firebird, 1968-74 Nova
P/N: 041501DS

Upgrade your rear leaf spring and shackle bushings with our heavy-duty polyurethane bushing/shackle kit. The kit includes both spring eye bushings, shackle bushings, zinc plated heavy-duty steel shackles, bolts, and lock nuts.



Figure 1 - Assembled Bushings, Hardware, and Shackles

Item	Description	Quantity
1	Frame Shackle Bushing (P/N U-61137)	4
2	Spring Shackle Bushing (P/N U-61091)	4
3	Front Spring Eye Bushing (P/N U-61004)	4
4	Rear Leaf Spring Shackle	4
5	1/2" ID Crush Sleeve	4
6	Front Leaf Spring Crush Sleeve	2
7	1/2"-20 x 5" L Bolt	4
8	1/2"-20 Nylock Nut	4
9	1/2" AN Washer	8
10	Super Grease	2
11	Instructions	1

Fastener Torque Specifications	
Application	Torque (lb-ft)
Front Leaf Spring Eye Bolt	75
Rear Leaf Spring Shackle Bolts	75

1. Remove your stock shackles and press out your stock bushings. Before installing the new bushings and crush sleeves, lightly coat the following areas and parts with the grease supplied:
 - I.D. of the rear spring eye
 - I.D. of the shackle bushing brackets
 - I.D., O.D. and flange of the polyurethane bushings
 - O.D. of crush sleeves
2. Install the polyurethane bushings by first gently tapping in the bushings and then tapping in the crush sleeves.
3. Once all the leaf spring and frame bushings are installed and crush sleeves are in place, install the front leaf spring into the vehicle using your factory hardware and tighten.
4. Move to the rear leaf springs; install the rear shackles and 1/2"-20 Hex Head bolts to mount the leaf springs to the frame using the 1/2"-20 Nylock nuts and AN washers. Install the bolts from the outside of the frame rail so that your Nylock nuts will be on the inside closest to the fuel tank. (Figure 2)



Figure 2 - Rear Leaf Spring Shackles Installed

5. Once the leaf springs are installed torque all fasteners to the information provided in the Torque Specification table listed at the top of page 2.

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