



Detroit Speed
Coilover Shock Adjustment
P/N: 031016DS



Figure 1

Item	Description	Quantity
1	Coilover Shock Assembly	2
2	Rubber Bumper	4
3	Flat Washer	4
4	9/16"-18 Nylock Nut	2
5	Instructions	1

Step 1. Assemble the coilover shock for installation in the vehicle. The coilover adjuster nut must be threaded all of the way to the bottom of the threads.

Step 2. Slide the rubber bumper over the threaded portion of the shock.

Step 3. Slide the coilover spring over the shock and install in the vehicle. Turn the spring if necessary to locate the spring in the frame. With the assembly installed in the frame mount, slide the other rubber bumper over the threaded shaft on the shock followed by a flat washer.

- Step 4.** Install and tighten the 9/16"-18 Nylock Nut. To tighten, use a 5/16" Allen wrench at the top of the shaft to hold it from moving. Tighten the nut until the rubber bumper starts to compress and turn the nut one additional turn. **NOTE: Do not over tighten the Nylock nut.**
- Step 5.** With the coilover shock assembled thread the adjusting ring on the shock until it is approximately 2" from the bottom of the threads. This is a good starting point and will need to be adjusted later with the vehicle completely assembled. DSE recommends cleaning the threads of the shock. Once the threads are clean, DSE recommends applying dry bicycle chain lube to the threads of the shock body before adjusting the spanner nut and compressing the coilover spring. Allow the chain lube to dry before adjusting the spanner nut.
- Step 6.** Setting the vehicle ride height.

Once the vehicle is on the ground, settle the suspension by jouncing both the front and rear by hand by pressing down on the body. Check the ride height at this point and adjust as necessary by turning the coilover adjusting nut. Detroit Speed offers a Spanner Tool available as P/N: 031060DS. A photo can be seen in Figure 2.



Figure 2 – Adjustable Spanner Wrench

Once the vehicle ride height is set, tighten the set screw on the spanner nut.

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