# UCSB for Modular Coil Spring Buffer | *Installation Manual (V1.0)*

Please contact us at info@rubbershox.com immediately if you have any questions about installing UCSB Modular buffers on your vehicle. We are a US company located in Southern California.


Note: This product gives added support for automotive coil springs to prevent sagging. It also provides a stiffer/more stable suspension that absorbs and dissipates the shock from potholes and rough roads. This product reduces stress on tires and the suspension which will prolong the vehicle's operational life span.

## Required Tools List

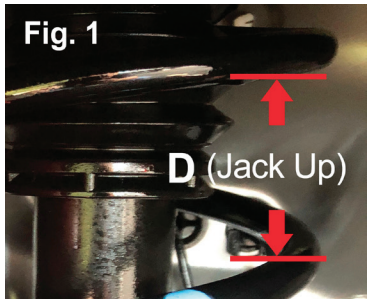
Floor Jack x 1, Jack Stands x1, WheelBlocks x 2,WD-40, Gloves, Scissors

## Package Includes

UCSB12344 x Pair (UCSB1 x 2, UCSB2 x 2, UCSB3 x 2, UCSB4 x 4)
Zip Ties x 2, User Manual, Thank You Card

## Preparation

1. For front-installation, make sure vehicle is on a hard (concrete) surface and apply the parking brake. Place blocks under rear wheels to prevent the vehicle from rolling.
2. Check your vehicle owner's manual for the proper contact points then jack up each tire to its recommended servicing height. For a safe installation and equal weight distribution, position the jack stands under the contact points corresponding with each wheel.
3. Once each tire is properly elevated, the coil spring is relaxed at full extension.
   Tip: It's recommended that you remove the wheel for easier installation.
4. Using a damp cloth, clean away all debris on your coil spring before Installation. (Especially in the center of 3-4coils)
5. Measure the spring spacing between the coils (See Fig.1,"D" for measuring points). Please also measure center 2-3 spring distance to get an average of the spacing distance.




## Assemble the Right Size for Your Coil Spring (Ref. Table below)

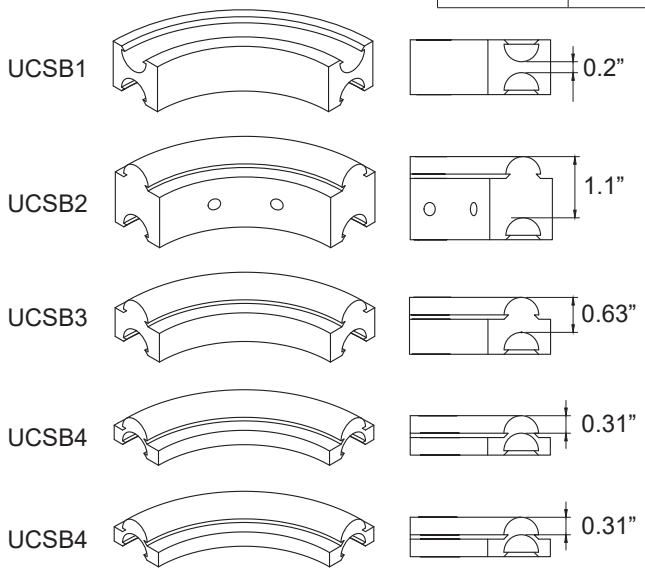
Based on the coil spring gap D (Fig. 1) measurement.

**For Example:** If your rear coil spring gap D is 2.3", you can use UCSB1+2+3+4= 2.2".

**UCSB1 must be included in any assembly**

**UCSB Module Height**

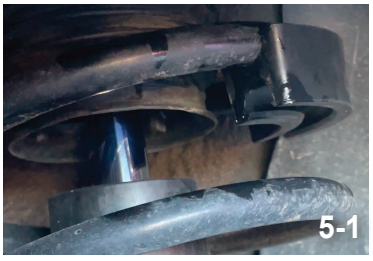
| Module | Height |
|---|---|
| UCSB1 | 0.2" |
| UCSB2 | 1.1" |
| UCSB3 | 0.63" |
| UCSB4 | 0.31" |



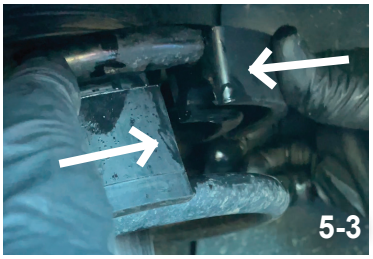

## Installation



1. After determining the appropriate combination of UCSB modules to fit your coil spring height. Assemble the UCSB modules, Except for the UCSB1.
2. Spray WD-40 on bump and groove of the UCSB2, 3, or 4 and assemble them together. In the assembled example, you need to slide UCSB2, 3, and 4 together.
3. Lubricate all the coil springs and module UCSB1 on both grooves.
4. Install UCSB1 first on top of the coil you want to install the buffer with
5. Put the rest of the UCSB modules on the bottom side of the spring, then slide both top and bottom modules in different directions to connect them together and line up on the edges.









6. Use the included zip ties to tie the UCSB buffers on top of the coil.
7. Release the Jack and Stand
8. To maximize support, insert 2 buffers of matching size on to one coil spring on each side.
9. A test drive is suggested after installation. The ride should feel a little stiffer. Drive Safely.


10. This product is primarily used to support the Coil Spring and prevent sagging. It provides a stiffer / more stable suspension that will absorb and dissipate the shock from pot holes and bad roads while reducing stress on the suspension and tires. This increases the vehicle's operational life span.
11. If you require a higher ground clearance, you can add more UCSB buffer on your coil spring or insert Rubber Block Booster from RubberShox.