



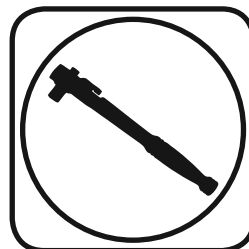
**Installation
Instructions**



Part # 11014799 - 1955-1957 B-Body Composite Leaf Springs



Recommended Tools



1955-1957 B-Body Composite Leaf Springs Installation Instructions

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**IT IS VERY IMPORTANT THAT NOTHING COMES IN CONTACT WITH
THE COMPOSITE LEAF SPRINGS.**

THE COMPOSITE LEAF SPRINGS REQUIRE THE USE OF THE RIDETECH STAGGERED SHOCK KIT (11019510) & RIDETECH DELRIN LEAF SPRING BUSHING KIT (11015399).

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Installation Instructions



Major ComponentsIn the box

Part #	Description	QTY
70012407	Leaf Spring Blade (Blade Assembly)	2
70012458	Leaf Spring Eyelet (Blade Assembly)	4
99251015	1/4"-20 x 1 3/4" Flange Bolt (Blade Assembly)	12
99252004	1/2"-20 Flange Nut (Blade Assembly)	12

Getting Started.....

THE COMPOSITE LEAF SPRING REQUIRE THE USE OF THE RIDETECH STAGGERED SHOCK KIT (11019510).

IF INSTALLING DELRIN LEAF SPRING BUSHINGS, THEY SHOULD BE INSTALLED IN CONJUNCTION WITH THE LEAF SPRINGS.

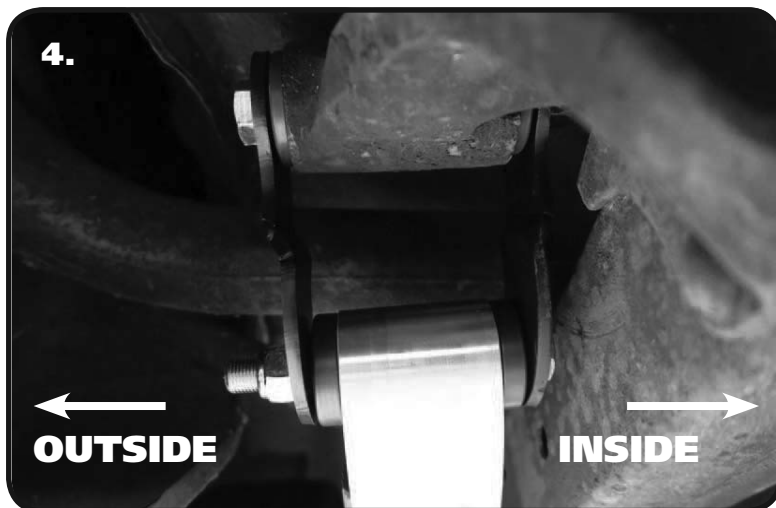
IT IS VERY IMPORTANT THAT NOTHING COMES IN CONTACT WITH THE LEAF SPRING.

The Ridetech Composite Leaf Springs are setup to use the Ridetech Delrin Bushing Kit (11015399) or OEM style bushings. The are also designed to fit into the OEM front leaf spring mount.

1. Jack the car up and support it by the frame rails. You will need to raise and lower the rear differential with a jack to ease installation. With the car supported by the frame, put the jack underneath the rear end housing and raise the jack up just enough to support the differential. Disconnect the bottom of the shock and remove the rear leaf springs. Retain the OEM hardware.
2. If you purchased the Leaf Springs only, you will need to install bushings into Leaf Spring eyes. If a complete StreetGrip kit was purchased, Delrin Bushings will be preinstalled.
3. If using the Ridetech Delrin Bushings, the rear Frame Bushings will need to be installed before the Leaf Spring can be installed. Refer to the Delrin Bushing instructions for the correct procedure.



Leaf Spring Installation



4. Attach the rear of the Composite Leaf Spring(**WIDE BUSHING**) to the rear mount. If you are using the Ridetech Delrin Bushings, new Shackles and Hardware is supplied with them. Orientation of the Shackle Plates is shown in the Delrin Bushing instructions. Attach a Shackle Plate to each side of the Frame Bushing using the correct length 1/2" Bolt (WITH THREADS POINTING TO INSIDE OF CAR) and 1/2"-13 Nylok Nut. Do not tighten. Align the remaining bolt holes in the shackle plates with the sleeve in the rear Leaf Spring bushing. Install a 1/2"-13 x 4 1/2" Bolt (WITH THREADS POINTING TO OUTSIDE OF CAR) and 1/2"-13 Nylok Nut. Do Not tighten hardware, it will get tightened later.



5. Bolt the **NARROW BUSHING END** of the Composite Leaf Spring into the OEM front leaf spring mount using a 1/2"-13 x 4" Hex Bolt and 1/2"-13 Nylok Nut.

Note: You may have to jack the rear differential up enough to swing the leaf spring in place.



6. Lower the differential onto the Leaf Spring. Align the top PIN into the HOLE in the OEM leaf spring mount. Install the lower Clamping Plate/Shock Mount, supplied in the Staggered Shock Kit being sure the Pins and Holes are aligned. The Clamping Plates have the shock mounts built in, the driver mount is installed with the shock mount to the inside rear with the passenger installed with the shock mount to the inside front. Driver is shown in Diagram "6". Install the 7/16" U-Bolts.



Installation Instructions



Finalizing Installation

7. Install a 7/16" Flatwasher and 7/16-20 High Nut on each U-bolt. Evenly tighten the hardware by tightening in a crisscross fashion. Torque the nuts to 55 ftlbs.

Note: When tightening the mounts, pay attention to the pads on the springs to make sure there is visible compression of the pads. .030" - .060" of compression is needed for the springs to be securely mounted. All of the clamping force needs to be on the spring itself.

8. Tighten the Bushing hardware, torquing it to 75 ftlbs. The Delrin Bushings will not bind, so it isn't necessary to have the car at ride height. If using OEM style rubber bushings, the car will need to be on the ground at ride height before tightening the bushing hardware.

9. Install the Ridetech HQ Series shocks. Refer to the shock instructions.

10. DOUBLE CHECK TO MAKE SURE NOTHING IS COMING INTO CONTACT WITH THE LEAF SPRING.

