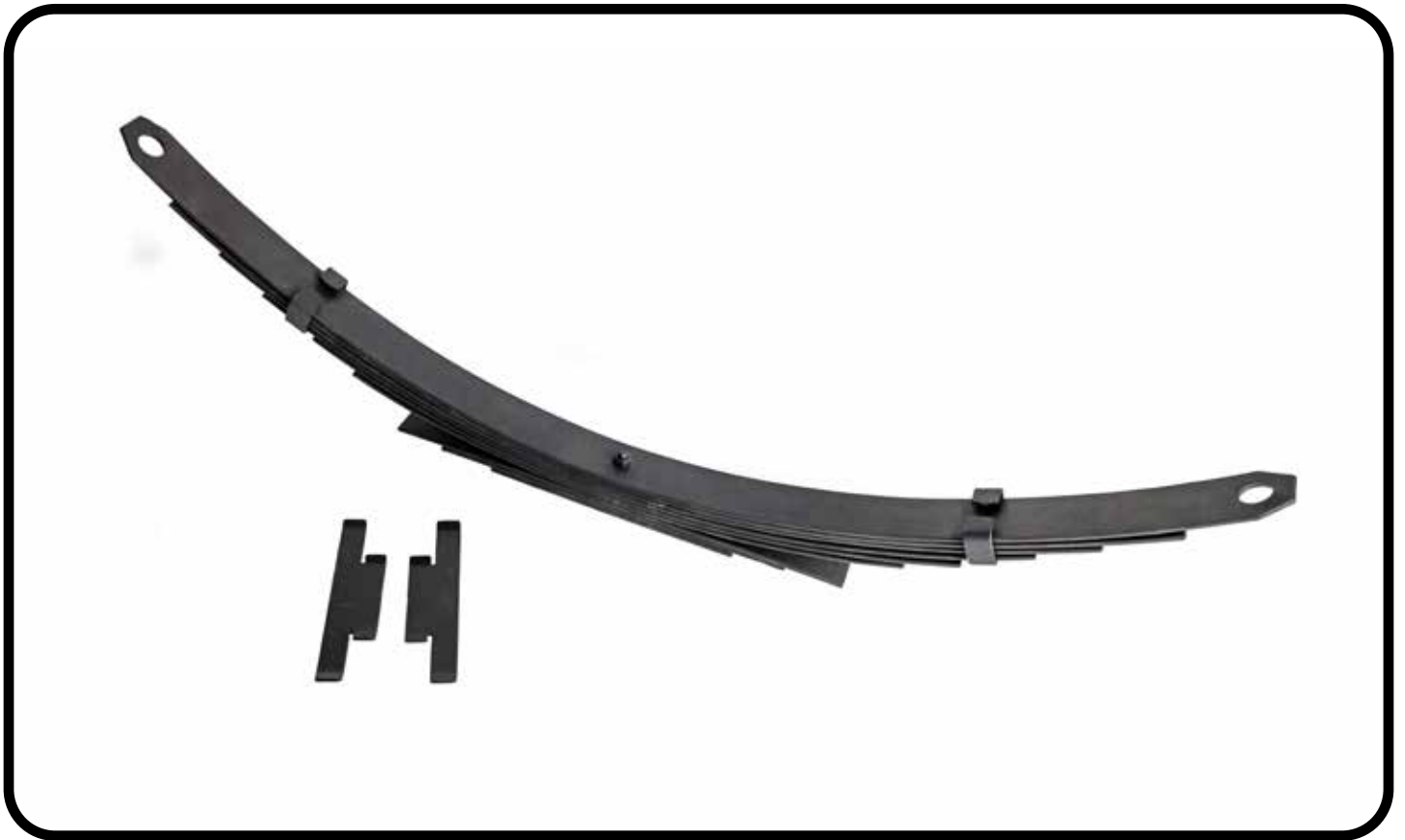




**INSTALLATION
INSTRUCTIONS**



Part # 11534898

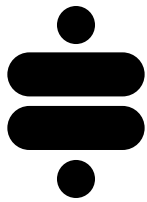


**Steel Leaf Spring
1963-1982 Corvette**

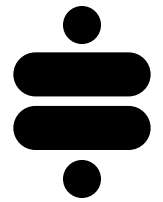


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**Please Read And Understand All Instructions
And Warnings Prior To The Installation Of
This Product.**



THANK YOU

Congratulations on your new Ridetech product! It's an honor that you've selected the Ridetech brand to upgrade your ride. Our products are developed around quality and performance without compromise. We're confident you'll have many years (and miles) of pure driving enjoyment.
Thank you for choosing Ridetech!

Road Map

Disassembly	3
Spring Mounting	4
Shim Placement	5

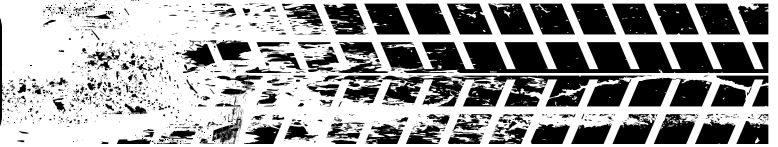
NOTE: This kit is designed to fit Corvettes with 2.25" or 2.50" wide leaf springs. Measure the width of your existing leaf spring and follow the appropriate steps for your particular application.

Year Range	Spring Width
1963-1977	2.25"
1978	2.25" or 2.50"
1979-1982	2.50"

COMPONENTS

Part #	Description	Qty
70017284	Steel Leaf Spring	1
90003950	Leaf Spring Shim	2

Disassembly



NOTE: Depending on your exhaust configuration and routing, you may have to remove the exhaust to remove and install the leaf spring.

1. Raise the vehicle to a safe and comfortable working height, supported by the frame rails. You may need to raise and lower the trailing arms with a jack to ease installation.
2. With the car supported by the frame, put the jack underneath the rear of the trailing arm. Raise the jack enough to take pressure off the shock. Disconnect the bottom of the shock and retain the OEM hardware. Repeat on the other side.

3. Use a jack to raise one end of the leaf spring enough to take tension off the leaf spring linkage bolt. Remove the linkage. Slowly release the jack. Repeat on the other side.



Figure 1

4. With both ends of the leaf spring disconnected from the trailing arms, remove the center clamping plate (Figure 2). Retain the clamping plate for installation of the new leaf spring.

NOTE: On 80-82 Corvettes, you will need to remove the shield that is below the leaf spring clamp.



Figure 2

Spring Mounting

5. Position the new leaf spring pack in the original location with the bowed ends of the spring pointing down (Figure 3).

NOTE: If your vehicle requires a 2.5" wide spring (reference page 2), the provided shims must be installed when mounting the new spring. Refer to the photos on page 5 for correct shim placement. If no shims are required, proceed to step 6.

The locating pin on the top side of the spring pack must be indexed into the hole in the rear end housing. See Figure 4.

6. Reinstall the clamping plate using the original hardware (Figure 5).

Snug the hardware, but **DO NOT TIGHTEN** until the vehicle is on the ground with its weight on the spring.

7. Reinstall the existing bushings and linkage bolts.

8. Reattach the rear shocks.

9. Once the vehicle is back on the ground, torque the spring clamp bolts. Depending on your particular application, you may have either 7/16" or 9/16" leaf spring mounting bolts.

9/16" Bolts: 65 ft-lbs

7/16" Bolts: 50 ft-lbs



Figure 3

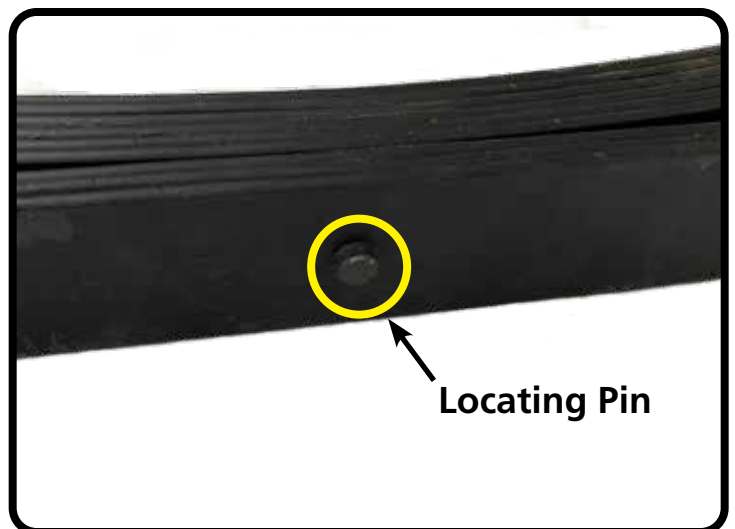
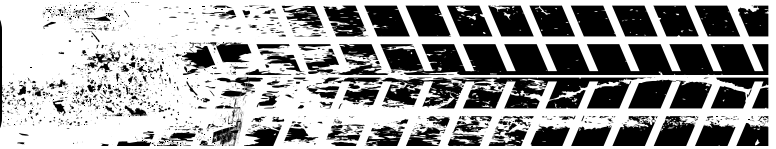


Figure 4



Figure 5

Shim Placement



If your vehicle had a 2.5" wide leaf spring, reference the photos below for shim placement. Ensure the bent "wings" of the shims are facing away from the spring on each side. Once the shims are placed, proceed with step 6.

"Bat Wing" Rear



Figure B1



Figure B2



Figure B3

Cast Iron Rear



Figure C1



Figure C2



Figure C3