

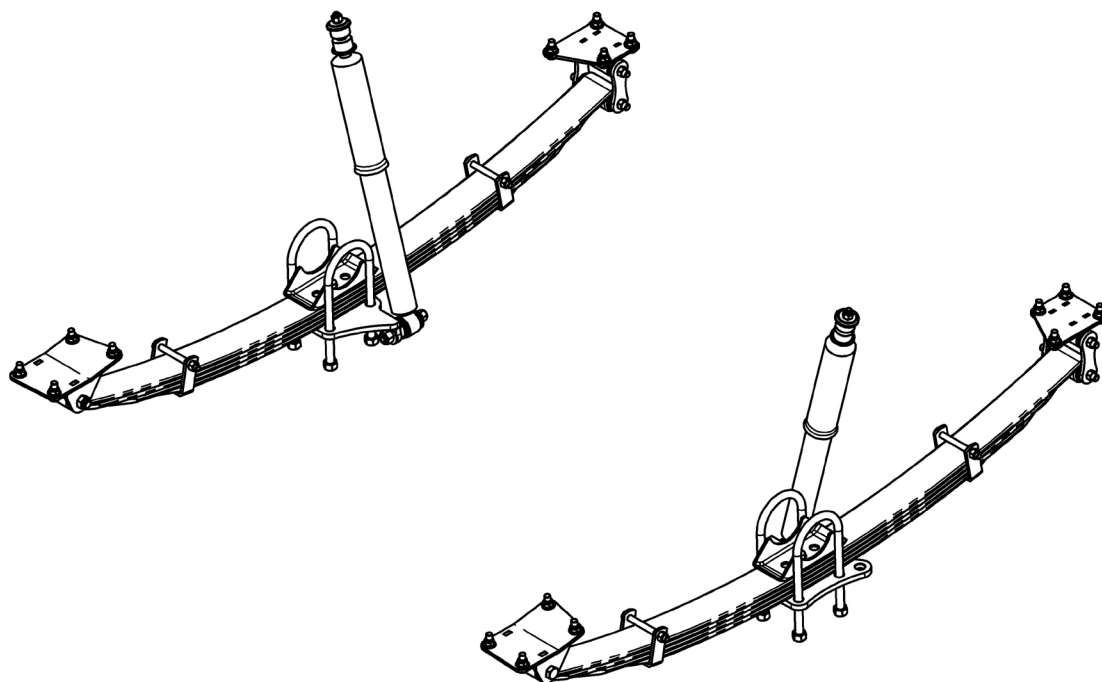
INSTRUCTIONS

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91640438 - 1949-54 Chevy Car, Leaf Spring Kit

Kit Contents		
Qty	Part #	Description
1	91640438.1.1-L	Spring Mount, Rear, Left
1	91640438.1.1-R	Spring Mount, Rear, Right
1	91640438.1.2-L	Mount, Front Leaf Spring, Left
1	91640438.1.2-R	Mount, Front Leaf Spring, Right
1	91643510.LH	Plate, Leaf Spring, LH Single
1	91643510.RH	Plate, Leaf Spring, RH Single
2	91040438.1.3	Shock Absorber, Monroe 32126
2	91033326-1	Shackles, 2.5" Wide
2	54585090.1	Spring Pad, 3" Axle
4	91043801	U-Bolt 8" x 3" I.D.
2	91036096	Stud, Shock Mounting
Hardware		
Qty	Description	
2	Hex Cap Screw, 1/2-20 x 4, GR-8, Zinc	
2	Oval Lock Nut, 1/2-20, GR-9, Yellow Zinc	
16	Hex Cap Screw, 3/8-24 x 1, GR-8, Zinc	
16	Flat Washer, 3/8, SAE, Standard, Zinc Plated	
16	Oval Lock Nut, 3/8-24, GR-9, Yellow Zinc	



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1. Prepare the Vehicle: Park the vehicle on a solid, level surface. Use a suitable jack and jack stands to safely lift and support the vehicle off the ground.

2. Remove Existing Components: Take off the rear wheels, rear axle assembly, and the current rear leaf spring suspension.

3. Remove Old Leaf Spring Hangers: Detach the front and rear leaf spring hanger brackets by removing their rivets. Use a grinder to cut the rivet heads off, then tap out the rivets with a hammer and chisel.

4. Install New Front Leaf Spring Hangers:

Note: There is a distinct left and right front hanger.

Align the bracket holes with the original rivet holes in the frame. Three holes will align naturally. You'll need to drill the fourth. Using 3/8 x 1" bolts, washers and locknuts. The washer should go between the nut and the inside of the frame rail.

5. Install New Rear Leaf Spring Hangers: Align the rear holes of the bracket with the rivet holes in the frame. Then, drill two additional holes needed for the front of the bracket. Using 3/8 x 1" bolts, washers and locknuts. The washer should go between the nut and the inside of the frame rail.

6. Install New Leaf Springs: Position the leaf springs so that the side with the pressed-in bushings fits into the front hangers. The rear spring eye will be connected to the rear hangers using shackles.

7. Mount the Rear Axle Assembly: Place the spring perches onto the centering pins of the leaf springs. Then, set the rear axle assembly on top, centering it side-to-side for proper wheel placement within the fender wells. Adjust the pinion angle to 1 degree downward. Once the rear axle housing is aligned side-to-side and the pinion angle is correct, tack weld the spring perches to the housing.

8. Install U-Bolts and 5-Hole Plates: Attach the U-bolts and 5-hole mounting plates so the shock tabs point toward the center of the vehicle and face the rear axle housing. Tighten all U-bolt nuts.

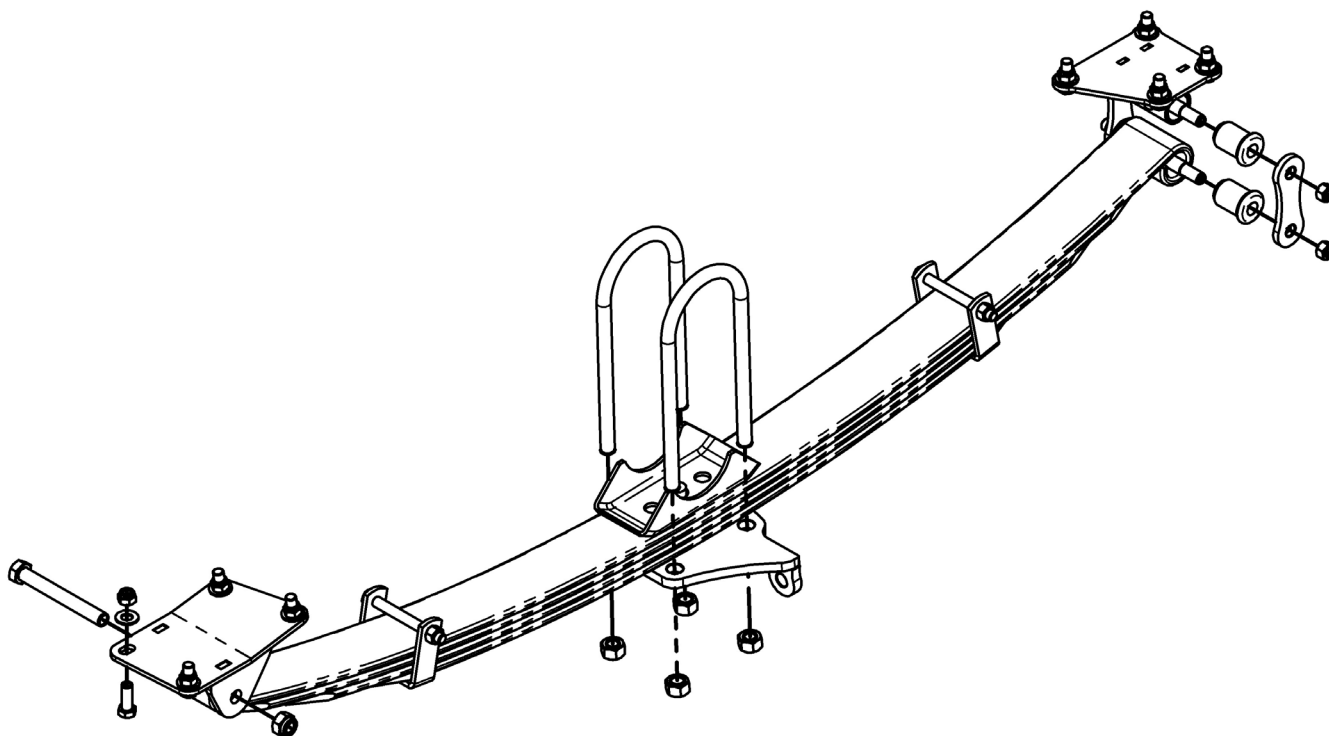
9. Install U-Bolts and 5-Hole Plates: Attach the U-bolts and 5-hole mounting plates so the shock tabs point toward the center of the vehicle and face the rear axle housing. Tighten all U-bolt nuts.

10. Install Rear Shocks: First, mount the shocks in their original upper mounting locations. Then, use the lower shock mount stud to attach the lower shock eye to the tab on the U-bolt 5-hole plate.

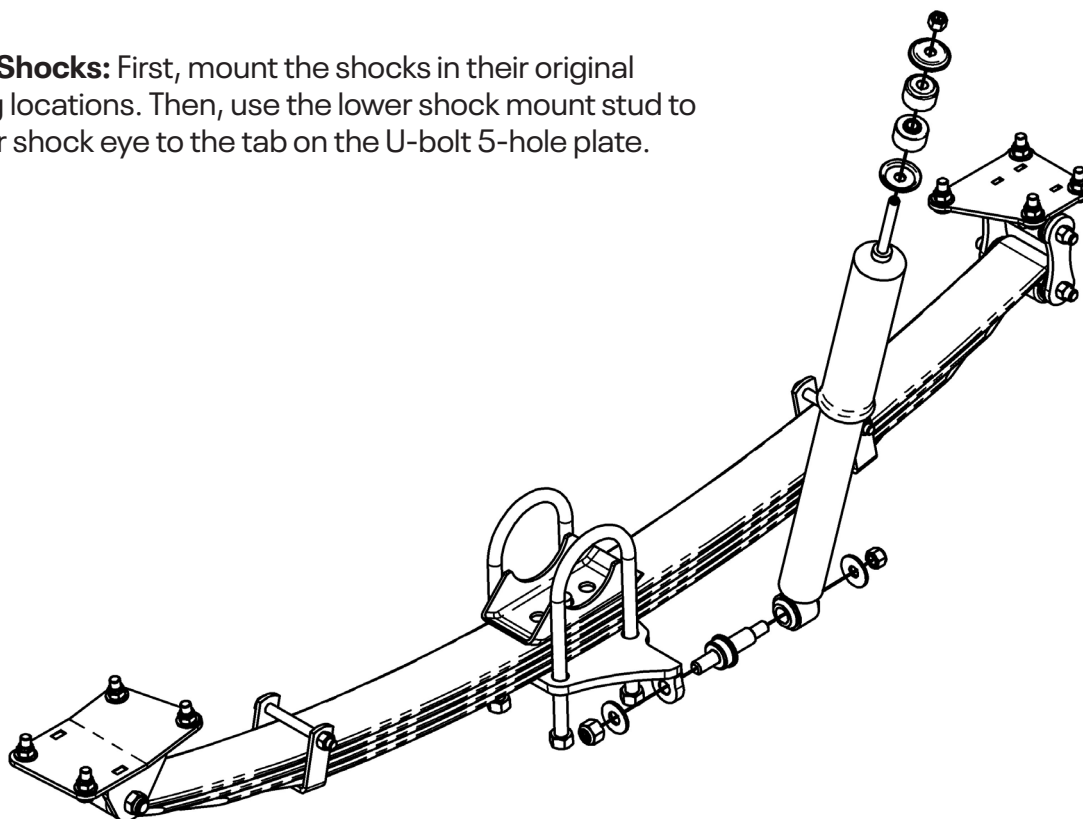
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11. Install Rear Shocks: First, mount the shocks in their original upper mounting locations. Then, use the lower shock mount stud to attach the lower shock eye to the tab on the U-bolt 5-hole plate.



Need Help with This Product?

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