



Steering, Brake & Suspension Specialists

# #5557RK - Rear Leaf Spring Kit Installation Instructions for 1955-57 Chevy Cars

## Notes:

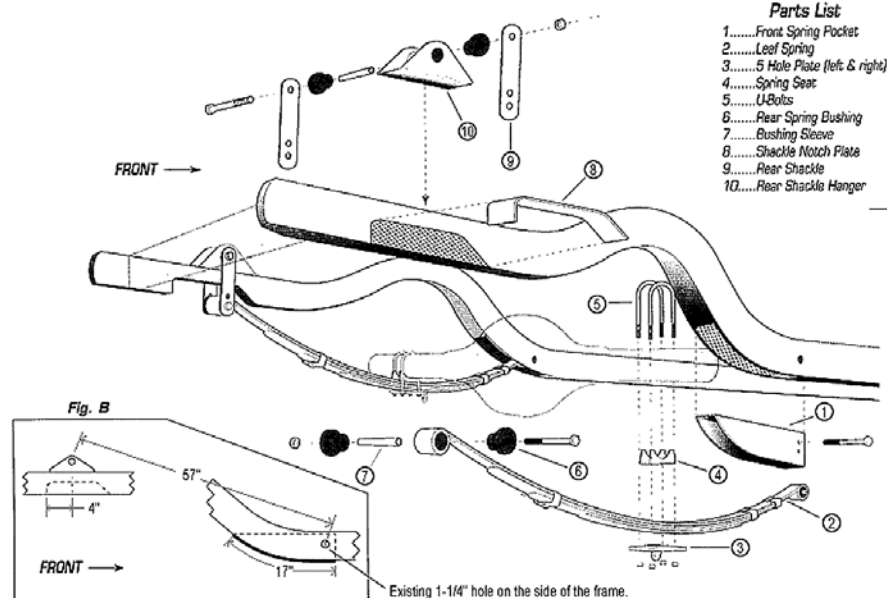
Read these instructions completely before attempting this installation

Make sure this kit fits your application before painting or plating. Parts that have been painted, plated or modified may not be returned.

## Instructions:

1. Remove all of the original leaf spring components and cut off the original spring hangers/mounting brackets.
2. Grind excess material flush with frame.
3. Mark the shaded area that needs to be cut out under the frame for the front spring pocket (part #1) as shown on fig. B. This area should be approximately 3" wide by 17" long, with the 1-1/4" hole in the side of the frame centered on one of the holes in the spring pocket. Use the spring pocket as a template by holding it on the side of the frame. The bottom of the spring pocket must be flush with the bottom of the frame.
4. On the passenger side, the spare tire well may need to be modified or removed to gain access for the next few steps.
5. Position rear shackle hanger (part #10) on top of the frame as shown on fig. B and tack weld it in place making sure it is parallel and centered with frame.
6. Mark the shaded area for the shackle frame notch plate (part #8) as shown on fig. B. (This can be done by using the frame notch plate as a template by positioning it on the side of the frame rail.)
7. Cut out these areas with a die grinder or plasma torch and grind the edges clean.
8. Tack weld the shackle notch plates and spring pockets into the frame, double check all measurements and final weld all pieces.
9. Install leaf springs (part #2) into the spring pocket with the pressed-in bushing toward the front side and fasten with bolt and nylock.
10. Assemble rear spring bushings (part #6) and 5/8" sleeve (part #7) into the rear side of the spring and shackle mount.
11. Install shackles (part #9) to the spring and shackle mount on frame. Fasten with 1/2" bolts and Nylock nuts. For this application do not use the middle hole.
12. Weld spring seats (part #4) to the rear axle housing at 38" center to center and pinion shaft at 5 degrees up, housing may need to be straightened after being welded.
13. Position rear axle over leaf spring, making sure that stud on center of spring is indexed properly inside hole on the bottom side of spring seat.
14. Assemble U-bolts (part #5) over rear axle and 5 hole plate (part #3) under the spring with the shock absorber mounting tabs facing toward inside-front of car.
15. Mount shock absorber to the 5 hole plate on the bottom and original mounting location on the top.
16. Mount wheels and tires (255 or 265/70R-15 on 15x8 wheels are ideal without fender well modification). Lower the car on the ground and check for clearances (fender well, spring, shocks, etc.) Wheel offset will be determined by axle width - - hub to hub.

\*\* Kit does not include leaf springs, u-bolts, 5-hole plates or shocks.



For technical help call Classic Performance Products Monday thru Friday 8:30am to 5:00pm at (714) 522-2000.

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