

INSTRUCTIONS

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916-40436 - 1942-48 Ford Car, Leaf Spring Kit

Kit Contents			
Qty	Part #	Description	View #
2	91043447	Rear Leaf Spring	1
2	1061060-BLK	Street Rod Shock	2
2	54585090	Spring Pad	3
2	91033326	Rear Spring Shackle	4
2	91036096	Shock Mounting Stud	5
4	91043801	U-Bolt 8" x 3" I.D.	6
1	91640436.1.1-L	Spring Mount, Front, Left	7
1	91640436.1.1-R	Spring Mount, Front, Right	8
2	91640436.1.2	Spring Mount, Rear	9
2	91640436.1.3	Assembly, Shock Mount	10
6	91640436.1.4	Spacer, Rear Mount	11
1	91643510.LH	Spring Plate, Left	12
1	91643510.RH	Spring Plate, Right	13
Hardware			
Qty	Description		Item #
10	Flat Washer, 5/16, Zinc Plated		H1
8	Flat Washer, 3/8, Zinc Plated		H2
2	Flat Washer, 1/2, Zinc Plated		H3
10	Hex Cap Screw, 5/16-24 x 1" Long, Zinc Plated		H4
2	Hex Cap Screw, 1/2-20 x 2-1/2" Long, Zinc Plated		H5
8	Hex Cap Screw, 3/8-24 x 1" Long, Zinc Plated		H6
6	Hex Cap Screw, 3/8-24 x 2-1/2" Long, Zinc Plated		H7
2	Hex Cap Screw, 1/2-20 x 4" Long, Zinc Plated		H8
10	Lock Nut, 5/16-24, Zinc Plated		H9
14	Lock Nut, 3/8-24, Zinc Plated		H10
2	Lock Nut, 1/2-20, Zinc Plated		H11

Need Help with This Product?

Talk to one of our Tech Support Agents:

Mon-Fri, 8am – 5pm (CST)

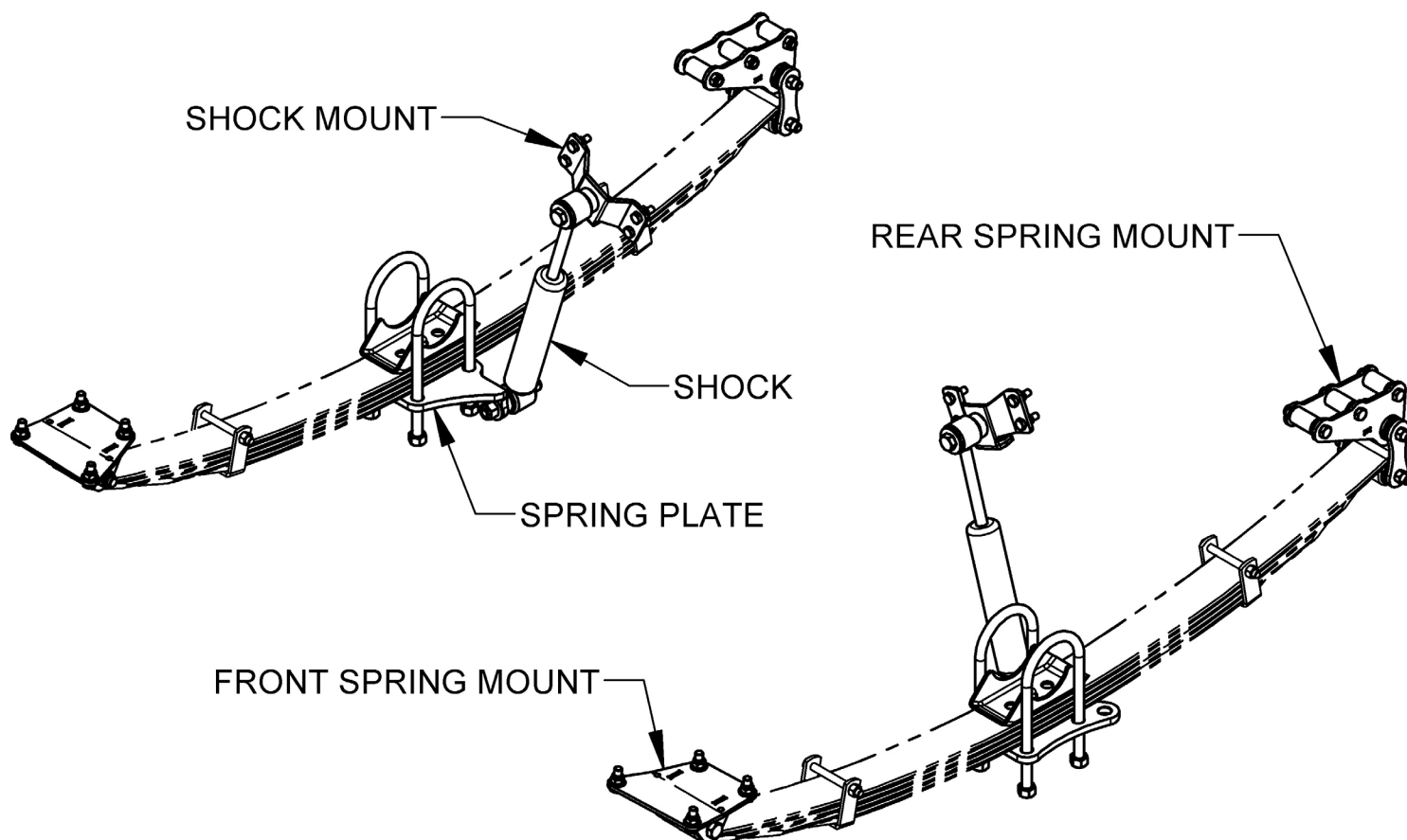
U.S.: 800.979.0122

Canada: 855.313.9180

International: 1.402.323.3200

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1. Remove the front stock spring mounts. Begin by grinding the rivets flush and centerpunching them. Drill each rivet through with a 3/16" drill and go up in size to 5/16". Next, drive the rivet out using a punch and hammer. If the rivet cannot be driven out, drill through to 3/8" taking care to keep the drill centered to avoid opening the hole too much as these holes will be used to locate the new brackets.

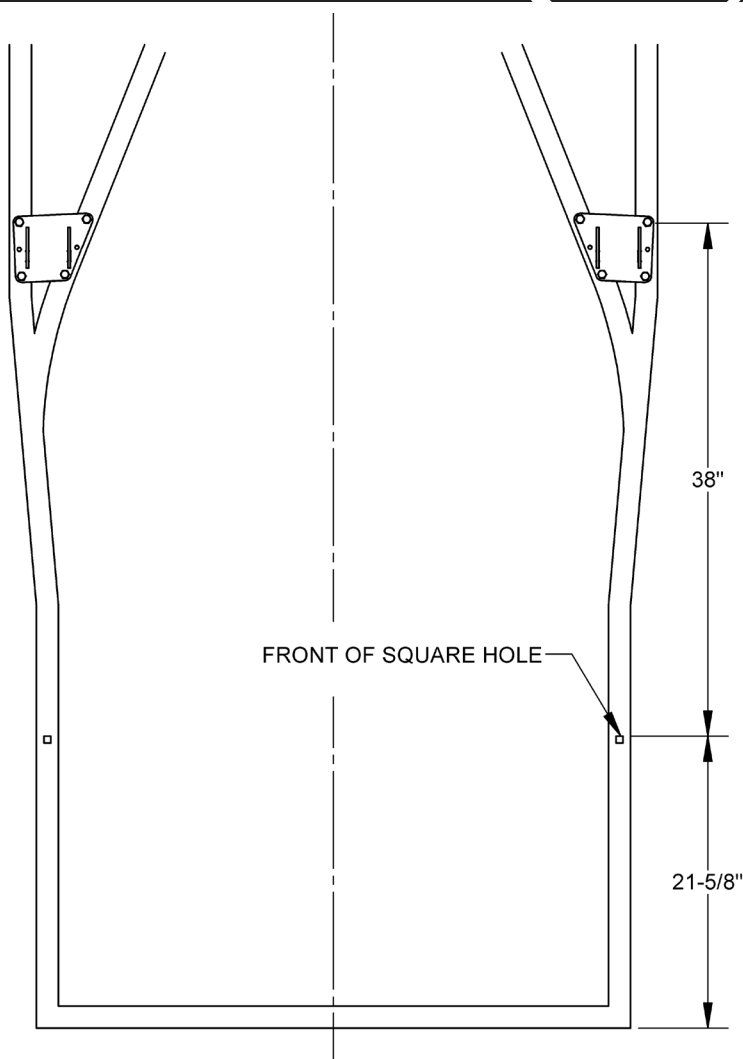
2. Install the leaf spring mount brackets to the frame rails using the Using 3/8 x 1" bolts, washers and locknuts. The washer should go between the nut and the inside of the frame rail. The frontmost mounting hole in the spring hanger is located 38 inches forward of the front edge of the square hole in the bottom of the frame rail nearest to the rear crossmember.

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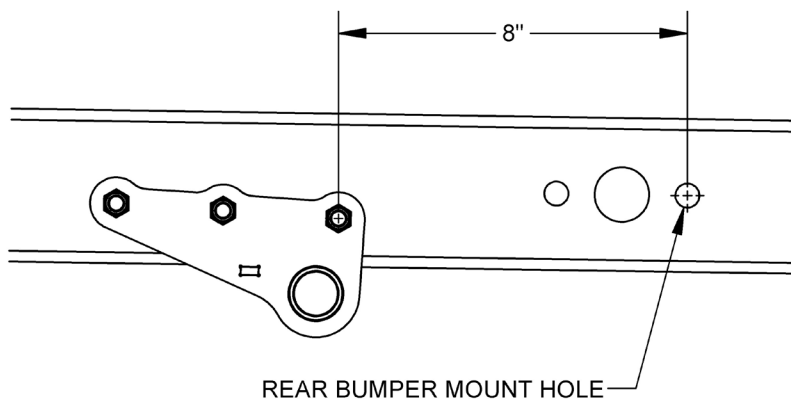


- 3.** Position the rear spring mounts against the underside of the frame, aligning the center of the rear hole 8" forward of the rear bumper bracket hole. Mark the mounting holes and drill through the frame using a 3/8" drill bit. Secure the mount to the frame using tube spacers, 3/8"-24 x 2-1/2" bolts, and lock nuts.



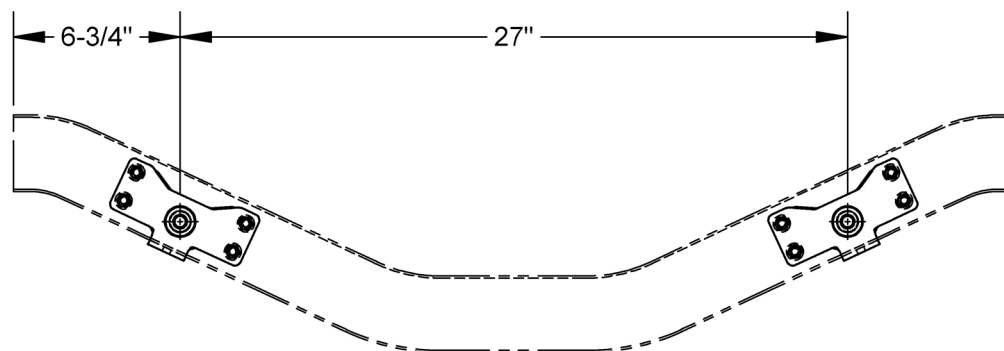
UNDERSIDE OF THE FRAME

- 4.** Position the upper shock mounts along the front edge of the rear crossmember. Mount the brackets 6-3/4 inches in from the inside edge of each frame rail, ensuring a center-to-center spacing of 27 inches.



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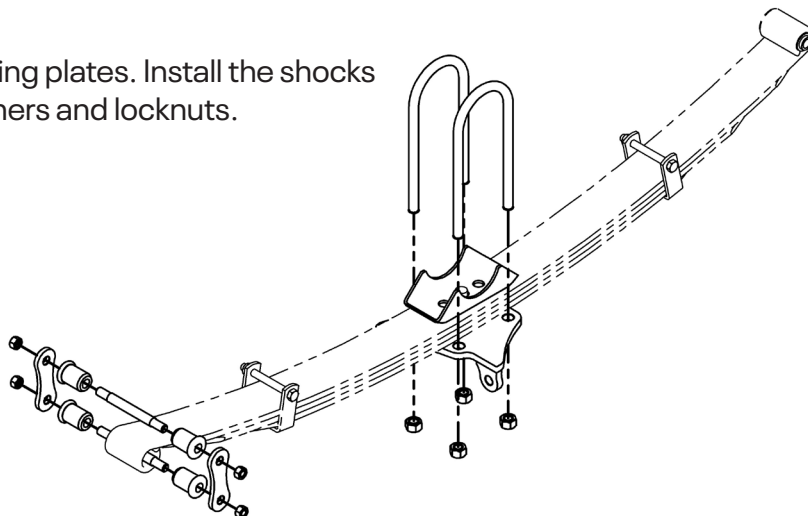
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5. Install the springs with the bushing end in the front mounts using the 1/2 x 4" bolts and locknuts leaving the rear of the springs loose. Using a floor jack, position the rear axle assembly into position over the leaf springs. Do not lower the axle assembly at this time. Install the bushings in the leaf spring eyes and the shackle mount. Install the 2 shackle pins into the bushings. Raise the rear of the leaf springs and attach the shackle plates over the pins and fasten using the supplied nuts.

6. Install the spring pads over the locating pins on the leaf springs. Set the axle assembly on the leaf spring pads. Center the rear end and install the U-bolts and spring plates as shown using the included 1/2-20 nuts. Rotate the pinion up in the front to 5 degrees from the lower surface of the pads and weld the pads to the axle tube.

7. Install the lower shock mount studs to the spring plates. Install the shocks using the lower studs and 1/2 x 2-1/2" bolts, washers and locknuts.



8. Confirm that all fasteners are tight before attempting to move the vehicle.

