BAC Leaf Spring Relocation Kit with Sliders

Mopar A-body. Relocates the rear leaf springs for more room for tires, with Delrin-bushed front hangers and rear sliders.

Shop: A Body Leaf Spring Relocation Kit

WHAT'S IN THIS GUIDE

1 About this kit Page 2
2 Front hangers and rear sliders Page 2
3 Installing the spring perches Page 3
4 Torque Page 3

BEFORE YOU START

- Read this guide all the way through before you start, and keep it open while you work.
- Support the car on a lift or on jack stands rated for its weight. Never work under a car held up only by a jack.
- Welding is part of this job. Disconnect the battery, keep a fire extinguisher close by and wear proper welding gear. If you are not comfortable welding, have a qualified welder or shop do it.
- Wear eye protection and gloves, and use the right tools for each fastener.

Questions during your install? Call Bergman Auto Craft.

516-384-6438 | p.bergman@bergmanautocraft.com | bergmanautocraft.com

Instructions written by Bergman Auto Craft. Guide compiled by Bergman Auto Craft, November 2026.

ABOUT THIS KIT

More room for tires, no frame rail changes

This kit is designed to maximize the available space for tires, similar to the Direct Connection kit of the 1980s, with several modern upgrades.

You will NOT need to modify the frame rail in any way to make room for the front eye bolt. Two height positions are available: the bottom is stock, and the upper will lower the vehicle. The shackles are within 1/8 in. of the original location. The necessary tire-to-body clearance can now be reduced further, thanks to the improved lateral stiffness this kit provides.

INSTALLATION STEPS

Front hangers and rear sliders

1. Start by removing the front eye bushings and shackle bushings from your leaf springs. Make sure the bare eyes are clean.
2. Disassemble the supplied front spring hanger bracket. Install the 2 halves of the Delrin eye bushings. Lube the sleeve and install it using a press, vise or mallet. Use bearing grease or polyurethane suspension grease.
3. Once the sleeve is installed, slide the mount over the bushings and put the countersunk bolt through the bracket. Tighten the nut. The bracket will move freely without side-to-side play. The countersunk side is always on the inside, toward the frame rail.
4. Install the rear leaf spring bushings the same way as the fronts. Slightly spread the slider assembly to get it over the bushings and the sleeves. You can also slide the sleeve in after the bracket is over the leaf spring bushings. Slide the bolt through the assembly with the lock nut on the outside.
5. Tighten the lock nut until the side-to-side play disappears. If the bearings do not roll, back the nut off slightly until they are free spinning.
6. From here, this assembly bolts in exactly like the stock spring brackets. A reinforcement plate for the front is included in the kit.
7. Torque all bolts to 30 ft-lb.

WELDING

Installing the spring perches

8 Now you are ready to install the perches. The easy way to do this is to leave one side completely stock and bolted together. Cut the perch off the side you are working on.

9 Install the spring and the new perch. Seat the perch on the spring and lower the axle. Install the U-bolts and tighten them lightly to seat the perch.

10 Tack the perch with a MIG or TIG weld. While supporting the axle, remove the spring assembly and final weld the perch.

11 Repeat for side 2. Torque the U-bolts to 45 ft-lb.

SPECIFICATIONS

Torque

All bolts (steps 1-7)	30 ft-lb
U-bolts (step 11)	45 ft-lb

QUESTIONS? WE ARE HERE TO HELP

Call or text 516-384-6438.