



Global West Suspension

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Kit #816 Interlocking Subframe Body Mount Bushings

This kit is used with Global West subframe connectors --- kit includes 4 locations: 2 at the firewall and 2 at radiator core support.

Note – The two bushings located at the back of your factory frame are supplied with the Global West subframe.

Installation will require a floor jack and a 2 x 4 or 4 x 4 piece of wood about 14 inches long.

Bushing Parts List:

- (2) --- 2 ¼ diameter male bushings
- (2) --- 2-inch diameter male bushings
- (2) --- 2-inch diameter 11/16 hole female bushings
- (2) --- 2-inch diameter ½ -inch hole female bushings
- (2) --- 2-inch diameter ½-inch hole spacers
- (2) --- 1/2" x 3-1/2 x 20 grade 5 bolts
- (2) --- ½ x 20 stove lock nuts
- (4) --- ½ special flat washers
- (2) --- 5/8 x 3-1/2 bolts
- (2) --- 5/8 flat washers
- (2) --- 5/8 lock washers



The fastest way to change body mount bushings is to leave the vehicle on the ground. You can start with either side however let's start with passenger side. The subframe connectors can be installed later after the body mount bushings.

1. Loosen the bolts on the driver side. There are 3 bolts per side. One at the radiator core, one at the engine firewall, and one at the end of the stock subframe under the front seats. Do not take them out yet. Just loosen the bolts so the body can tilt slightly on the frame. This way the body will remain indexed.
2. Remove all 3 bolts on the passenger side.
3. Take a floor jack with a piece of wood about 14 inches long and place it along the rocker rail about 10 inches back from the front door jam. The block of wood should be next to the lip or rocker rail seam and clear any fuel or brake lines. Simply gently raise the body up with the floor jack until the space



between the frame and body allow you to remove the old bushings and install the new.

4. Install the bushing under the seat first. The bushings are found in the subframe kit. They are 2-1/4 outside diameter with a longer male step than those found in the 816 kit. The 2-1/4 width of the bushing goes between the body and the frame. The step drops down through the frame. See photo.



5. After completing step 4, install the 2-1/4-diameter bushing from the 816 kit at the firewall position.



6. The final bushing on the passenger side is the radiator core support. It is one of the 2 -inch diameter male bushings with a 1/2 -inch hole. This bushing installs the opposite as the others. The step part of the bushing goes up through the radiator core mount. Slide the bushing into place and lower the body back down onto the frame.



7. Install the female portion of the bushings located at the firewall and radiator core support. The bushing indexes on the step of the installed male bushing and sandwiches the frame. Basically when the assembly is tightened, the bushing halves will lock the frame in position so it cannot slip. The additional spacers in the kit go between the



frame and the interlock bushing. They are strictly a spacer. Many times you will see a lot of steel washers or body mount shims spacing up the radiator core for fender alignment. The washer will eliminate several of them.

8. Install the female portion of the back bushing located with the subframe kit. Install using a 5/8 x 4-inch long bolt with a 5/8-lock washer and 5/8 flat washer. Do not tighten yet.
9. Install a 5/8 x 3-1/2 bolt with a 5/8-lock washer and 5/8 flat washer and install at the firewall location. Do not tighten yet.
10. Install a 2-3/4x 1/2 bolt and one 1/2 inch washer from the top down. Install another 1/2 inch washer with a lock nut through the frame on the bottom of the radiator core bushing. See photo to the right.



11. Once the bolts are all installed run them down a little. **DO NOT TIGHTEN**. They must have room to pivot because you have to do the other side.
12. Move to the driver side and install the bushing in the same manner.
13. After both sides are complete. Tighten down the radiator core and firewall bolts. Torque the 5/8 bolts at the firewall first to 100 foot-pounds. Torque the radiator core bolts to 70 foot-pounds. Tighten the bolt at the back of the frame but do not torque. You are going to loosen this bolt again to install the subframe.
14. Move the car onto a drive on ramp. A drive on is best for installing the subframes.
15. Once on a drive on ramp, loosen the back bolts holding the subframe. The frame will drop down from the floor. Slide the new subframe over the stock frame and under the bushing. See photo

Note: In some cases you may have to pry down on the frame just a little for installation.

16. Install the subframe according to instructions. Make sure the rear frame bolts are tightened to 100 foot-pounds before welding the new subframe into position.

