BK012

FRONT SUSPENSION BUSHING KIT

RACK BUSHINGS

NOTE: This bushing will not fit vehicles equipped with electric steering.

REQUIRED TOOLS:

- Hydraulic jack and 2 stands (lift optional)
- 15mm socket
- Pry-bar

INSTALLATION:

1. Lift vehicle and support with stands under the rocker jack points or K-member.
2. Remove passenger side front wheel.
3. The most accessible position to access the bushing is through the passenger side wheel well. Using a 15mm socket, remove the (2) rack mounting bolts on the passenger side.
4. Pry the saddle off the OE bushing.
5. Lift up on the rack and remove the OE mounting bushing. *NOTE: Loosening the driver's side mounting bolts makes this step much easier but is not necessary.*
6. Install the BMR polyurethane mounting bushing into position and re-install the OE saddle.
7. Re-install the OE mounting bolts and torque to 45 ft/lbs.

Install wheel and lower vehicle.

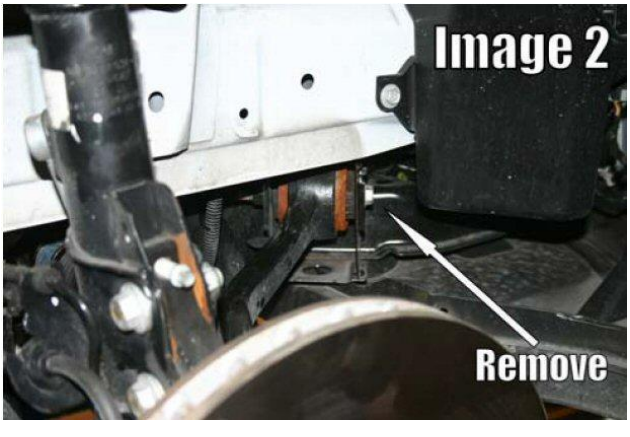
Front Radius Rod Bushings

Tools Required:

Hydraulic jack and 2 stands (lift optional but recommended)
Wrenches – 18mm
Sockets – 18mm, 21mm
Pry-bar
Brass hammer

Installation:

1. Lift vehicle and support with stands under the rocker jack points or K-member.
2. Remove both front wheels/tires.
3. Remove the (2) Phillips head screws and (10) plastic clips that retain the plastic inner wheel well. A small screwdriver will "pop" the clips out by prying the center of the clip out then removing the clip. See **Image 1**.



4. Using an 18mm socket and wrench, remove the inner mounting bolt on the lower radius rod. See **Image 2** for reference.

5. Using a 21mm socket, remove the outer ball joint nut. See **Image 3**.
6. Knock the ball joint loose from the spindle using a brass hammer or equivalent.
7. Remove radius rod.

FRONT RADIUS ROD BUSHINGS (Continued)

8. Using a bushing removal tool or hydraulic press, remove the OE rubber bushing and sleeve from the radius rod. See **Image 4**.
9. Lube the inside of the bushing and insert the center sleeve.
10. Re-install the radius rod duplicating the above steps. Tighten the inner mounting bolt to 85 ft/lbs.
11. Install wheels/tires. Lower vehicle.

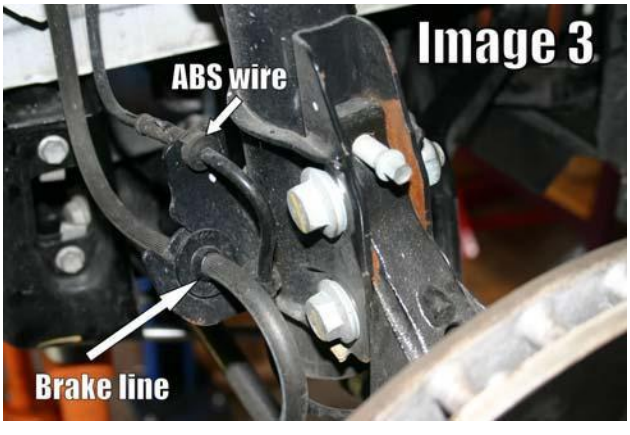
Front Strut Mount Bushings

Required Tools:

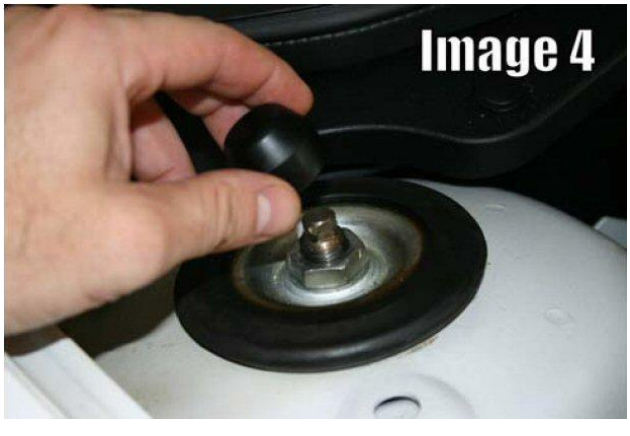
Hydraulic jack and 2 stands (lift optional but recommended)
Wrenches – 14mm, 17mm, 19mm
Sockets – 22mm, 24mm

Installation:

1. Lift vehicle and support with stands under the rocker jack points or K-member.
2. Remove both front wheels/tires.
3. Remove the (2) Phillips head screws and (10) plastic clips that retain the plastic inner wheel well. A small screwdriver will "pop" the clips out by prying the center of the clip out then removing the clip. See **Image 1**.
4. Using a 14mm wrench and a 17mm wrench, remove the sway bar end links as shown in **Image 2** above.
5. Disconnect the rubber brake line from the strut by twisting the line and pulling up. Disconnect the ABS wire. See **Image 3** above.



6. Using a 19mm wrench and 22mm socket, remove the two mounting bolts that retain the strut to the spindle. See **Image 3** above.
7. Pry the plastic cap off the upper strut mount to expose the retaining nut. See **Image 4**.



Front Strut Mount
Bushings
(Continued)

8. Using a 24mm socket, remove the upper retaining nut and lower the strut assembly. ***NOTE:*** *this nut only holds the strut/spring assembly in the vehicle, it will not unload the spring.* See **Image 5**.
9. Use an outside spring compressor to compress the spring until there is enough "slack" in the spring to remove the upper mount. See **Image 6** below.
10. Using a 24mm socket, remove the nut on the upper strut shaft. Remove the OE strut mount and re-assemble using **Image 7** below as a guide.
11. Lift the strut/spring assembly back up into the strut tower and replace the upper formed washer and nut. ***NOTE:*** *due to the significantly stiffer polyurethane strut mount, seating the bushing in the strut tower will be more difficult. It is not uncommon to only have a few threads exposed up top during re-assembly. This should be of no concern as the nut will pull the mount up into the strut tower when tightened.*
12. Replace the plastic nut caps in the engine bay.
13. Reconnect the strut to the spindle and tighten to 130 ft/lbs.
14. Re-connect sway bar.
15. Connect the brake line and re-connect the ABS wire.
16. Re-install the inner fender.
17. Install wheels/tires and lower vehicle.

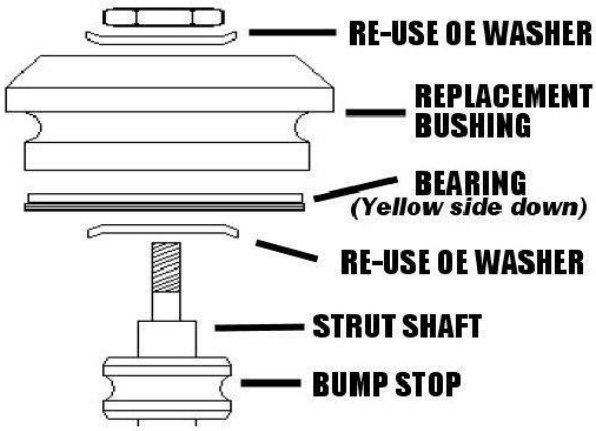


Image 7