BK007

Rear Outer Control Arm Bushings
BK004

Required Tools:

- Hydraulic jack and 2 stands (lift optional but recommended)
- Wrenches – 15mm, 18mm
- Sockets – 18mm, T30 Torx
- Pry-bar

Installation:

1. Lift vehicle and support with stands under the rocker jack points shown in **Image 1**.
2. Remove both rear wheels.
3. Using an 18mm wrench and socket, remove the outer mounting bolt on the trailing arm then pull down the arm to provide access to the control arm. See **Image 2** below.

4. Using an 18mm wrench and socket, remove the lower shock mounting bolt from the control arm. See **Image 3** above.
5. Disconnect the sway bar end-links using a 15mm wrench and T30 torx bit. See **Image 4**.
6. Using an 18mm wrench and socket, remove the outer mounting bolt on the control arm and lower the control arm to provide access to the bushing. *NOTE*: it may be easier to put a bottle jack under the spindle and raise the spindle to gain access to the bushing.

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7. Using a bushing removal tool, press the OE bushing out of the spindle.
8. Insert the BMR polyurethane bushing halves.
9. Lube the inside of the BMR bushings then install the center sleeve.
10. Lift the control arm back into place and insert the bolt.
11. Torque to 85 ft/lbs.
12. Insert the shock bolt and torque to 85 ft/lbs.
13. Re-connect the sway bar end-link and tighten
14. Mount the trailing arm and insert the mounting bolt. Tighten to 85 ft/lbs.
15. Mount wheels and lower vehicle.

Rear Upper Control Arm Bushing
BK005

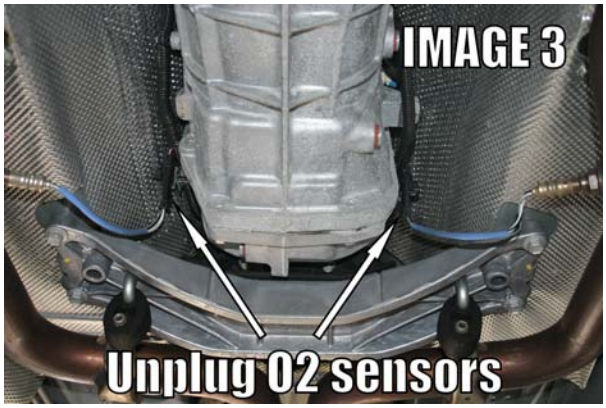
Required Tools:

- Hydraulic jack and 2 stands (lift optional but recommended)
- Wrenches – 18mm, 21mm
- Sockets – 10mm, 13mm, 18mm, 21mm
- Pry-bar

Installation:

1. Lift vehicle and support with stands under the rocker jack points shown in **Image 1**.
2. Remove both rear wheels.

3. Using a 15mm socket, remove the driveshaft tunnel brace. See **Image 2**.



4. Unplug the rear O2 sensors as shown in **Image 3**.

5. Using a 13mm socket, remove the two bolts that hold the rear two muffler brackets in place. Remove 4 bolts total, 2 per side. See **Image 4**.

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6. Using a 15mm socket, remove the 4 front flange bolts on the exhaust (2 per side). See **Image 5**.

7. Remove center 15mm exhaust hanger bolt in rear. See **Image 6**.
8. Using a helper, remove the entire exhaust assembly.

9. Using a 10mm socket, remove the front driveshaft tunnel exhaust shield. See **Image 7** above.
10. Using an 18mm wrench and socket, remove the 3 bolts that connect the driveshaft flex joint to the differential. See **Image 8** above. NOTE: Remove the appropriate bolts so that the rubber flex joint remains attached to the driveshaft, NOT the differential. Using a pry-bar, pry the joint off the alignment dowel (**Image 9** below).
11. Un-plug the fuel pump wiring harness located on the passenger side of the car next to the front cradle bushing. See **Image 10** below.
12. Support the cradle with a hydraulic jack or adjustable frame stands.

13.
14.
15.
16.

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13. Twist the emergency brake cable while pulling up to “release” it from the bracket attached to the upper control arm on each side. **Image 11**.

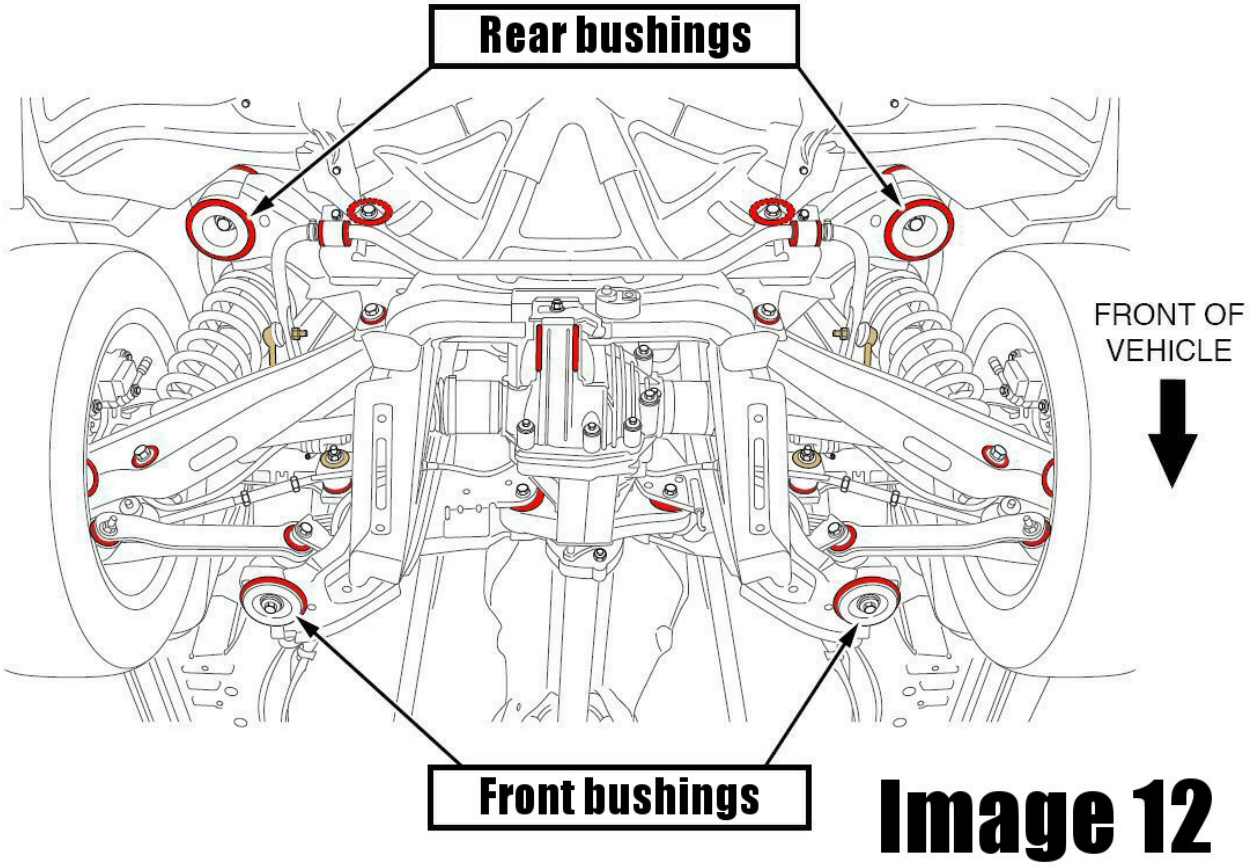

Image 12

13. Using a 21mm socket, remove the 4 cradle mounting bolts. See **Image 12** above. Lower the cradle approximately 2-3 inches.
14. Using a 21mm wrench and 21mm socket, remove the inner front bolt on the upper control arm. See **Image 13** to the right.

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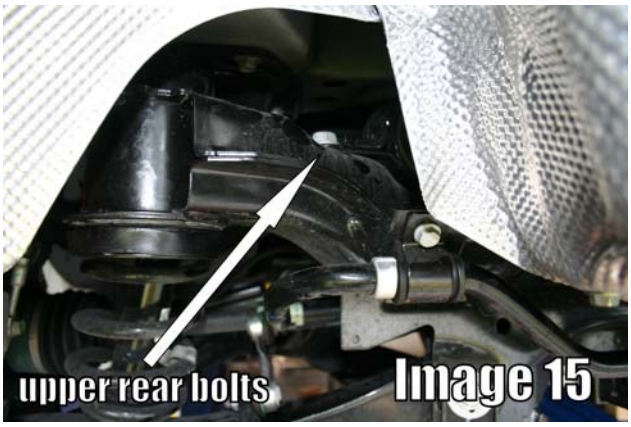
15. Using an 18mm wrench and 18mm socket, remove the outer bolt on the upper control arm. See **Image 14** below.
16. Remove the two 18mm bolts at the rear of the upper control arm. See **Image 15**.



17. Remove the upper control arm.
18. Note the orientation of the rear bushing saddle on the control arm before removing the bushing. Using a 21mm socket, remove the bushing retainer bolt as shown in **Image 16** above.
19. Using a hydraulic press, remove the OE bushing from the saddle. See **Image 17**.

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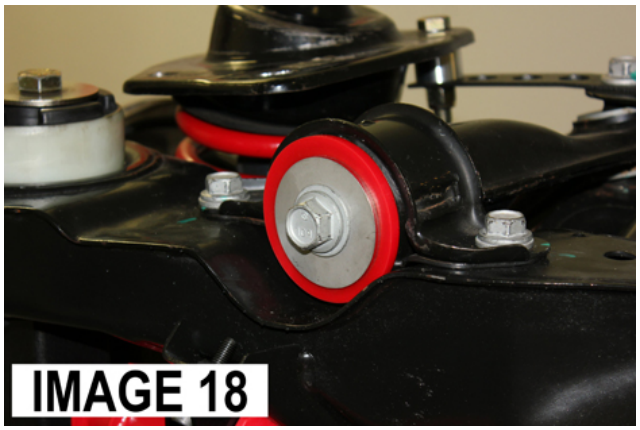
20. Position the bushing shell to match the original orientation then push the BMR bushing into the shell with the flange of the bushing towards the outside of the A-arm. Insert the provided sleeve then attach the assembly to the upper control arm. Place the provided washer over the bolt then tighten the bolt to 130 ft/lbs. See **Image 18** for assembled view.



21. Re-install control arm using the OE mounting hardware. Torque the rear saddle bolts to 85 ft/lbs. Torque the front inner mount to 130 ft/lbs. Torque the outer bolt to 85 ft/lbs.
22. Lift the cradle up against the frame making sure that the rear alignment dowels are seated properly then insert the 4 mounting bolts. Torque all bolts to 130 ft/lbs.
23. Re-install the emergency brake cable to the bracket.
24. Plug the fuel pump wiring harness back in.
25. Bolt the driveshaft back into place and torque the three bolts to 85 ft/lbs.
26. Re-install the driveshaft tunnel exhaust shield.
27. Re-install the exhaust.
28. Reconnect the O2 sensors.
29. Bolt the driveshaft tunnel brace back into place and torque to 45 ft/lbs.
30. Install the rear wheels and lower the vehicle.

Rear Outer Trailing Arm Bushings
BK006

Required Tools:

Hydraulic jack and 2 stands (lift optional but recommended)
Wrenches – 18mm, 21mm
Sockets – 10mm, 13mm, 18mm, 21mm
Pry-bar

Installation:

1. Lift vehicle and support with stands under the rocker jack points shown in **Image 1**.
2. Remove both rear wheels.
3. Using an 18mm wrench and socket, remove the outer mounting bolt then pull down the trailing arm to provide access to the bushing. See **Image 2**.
4. Using a bushing removal tool, press the OE bushing out of the spindle.
5. Insert the BMR polyurethane bushing halves.
6. Lube the inside of the BMR bushings then install the center sleeve.
7. Lift the trailing arm back into place and insert the bolt.
8. Torque to 85 ft/lbs.
9. Mount wheels and lower vehicle.