



BK061 INSTALLATION INSTRUCTIONS

NOTE: While this installation can be done with a hydraulic jack and jack stands, it is most easily performed with a 2-post service lift, transmission jack, and a few extra people. At the very minimum, this is a 2-person job and can take 4-8 hours depending on tools and experience.

TOOLS REQUIRED:

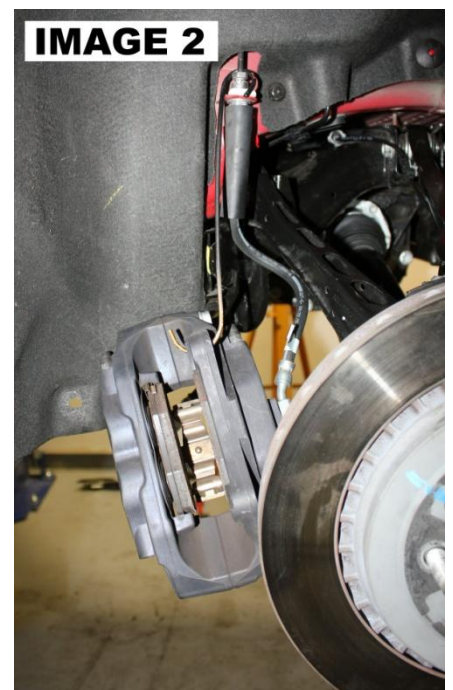
- Hydraulic jack and jack stands
- Sawzall
- Wrenches and sockets: 7mm, 13mm, 15mm deep, 18mm deep
- Hammer (dead blow preferably)
- Pry-bar

INSTALLATION:

1. Lift vehicle and safely support with jack stands under the rocker as shown. When positioning the jack stands, leave room to remove the cradle braces on the front of the cradle. **(IMAGE 1)** Make sure the car is high enough to lower the cradle to the ground.
2. Remove both rear wheels/tires.



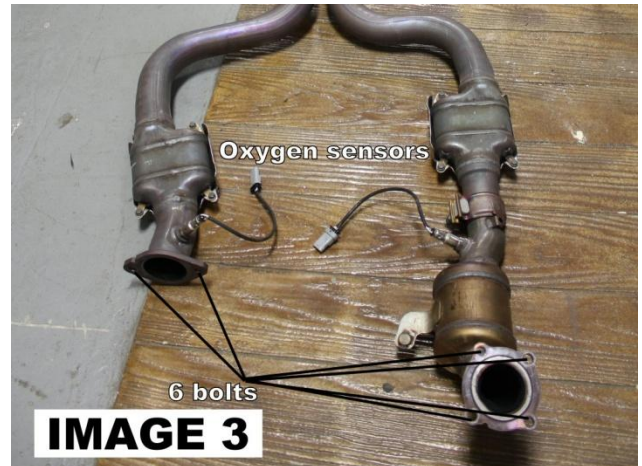
3. Using a 15mm socket, remove the brake caliper bolts. Remove the calipers from the brake rotors and hang them in the wheel-well using a piece of wire. **(IMAGE 2)**



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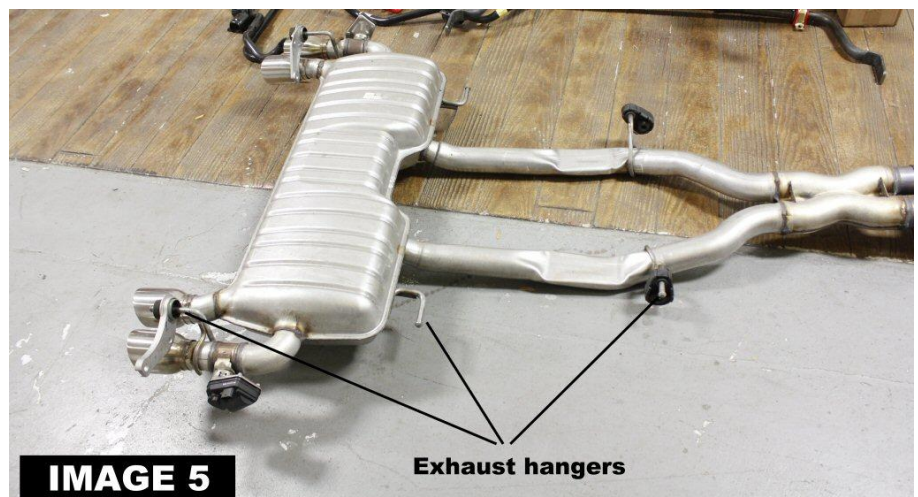
4. The exhaust must be removed in order to drop the cradle. Start at the front and unplug the (2) O2 sensors shown in **IMAGE 3**.
5. Remove the 6 bolts at the front of exhaust using a 15mm socket. (**IMAGE 3**)



6. Using a 13mm socket, remove the 2 bolts that attach the exhaust bracket to the oil pan and the two nuts on the catalytic converters. Remove the bracket. **IMAGE 4**.



7. Move to the rear. If you have electric muffler cut-outs, unplug them back by the muffler. Using a 15mm socket, remove the 4 bolts that attach the rear muffler hangers shown in **IMAGE 5**. Pry the remaining 4 rubber hangers off the "hooks" and lower the entire exhaust system then set it aside.



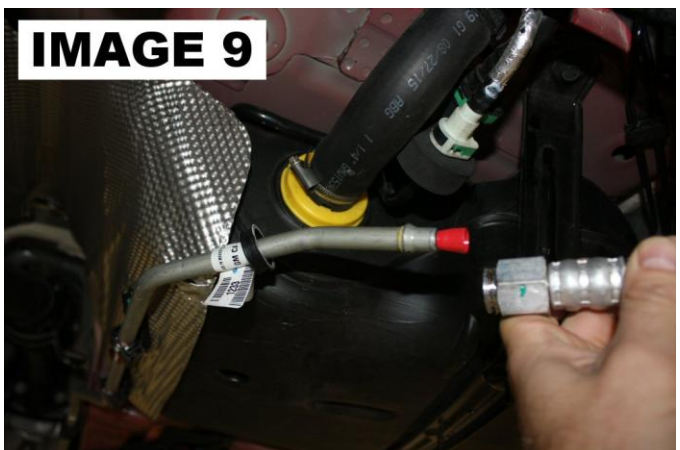
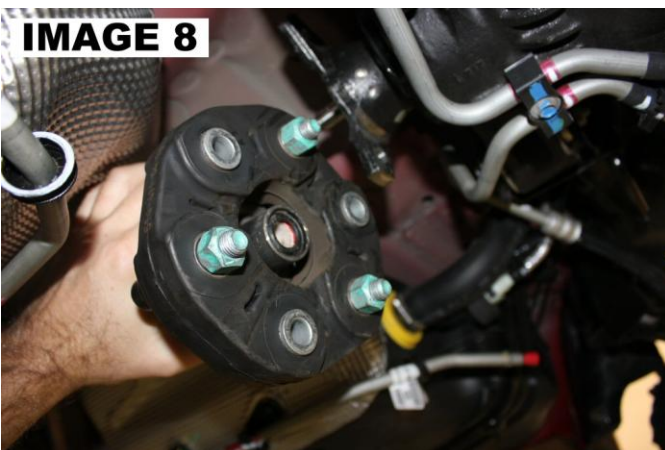
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- Using a 7mm socket or wrench remove the 6 small screws on the drivers' side rear quarter panel as shown in **IMAGE 6**.
- Unplug the emergency brake wires then unclip the harness so that it can drop down with the cradle. (**IMAGE 7**)



- Using an 18mm socket, remove the (3) driveshaft bolts at the rearend and let the driveshaft hang. (**IMAGE 8**)
- If you have a differential cooler, unclip the two cooling lines using a pick. Plug the hoses. (**IMAGE 9**)



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12. Place the hydraulic jack under the cradle. Using a 15mm socket, remove the two front bolts on the cradle braces as shown in **IMAGE 11**. Using an 18mm socket, remove the front main cradle bolts.
13. Move to the rear of the cradle and do the same. Use a 15mm socket to remove the cradle braces (one per side) and then the 18mm socket to remove the main rear cradle bolts.
14. Begin lowering the jack slowly. Verify that there are no wires, cables, or hoses being pulled. Lower entire assembly all the way to the ground. Remove the springs and set them aside.
15. Using a Sawzall with a bi-metal blade, cut the bushings out of the cradle as shown in **IMAGE 12**. The easiest way to accomplish this is to force the blade through the void of the bushing and cut outward taking care not to cut into the cradle itself. Generally, cutting through the outer shell of the bushing will relieve the bushing, allowing you to knock it out with a mallet.



16. Once all four bushings are knocked out of the cradle, knock the BMR bushings into place as shown in **IMAGE 13**. Knock in the aluminum sleeves.
17. Using a drill with a 1/2" drill bit, drill out the holes in the factory rear cradle braces as shown in **IMAGE 14** on the next page.



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18. Lift the cradle back up into position (minus the springs) and insert the factory front bolts along with the front cradle braces. Do not tighten the bolts yet. **NOTE:** *It is much easier to install the springs after the cradle is bolted in place.*
19. On the rear bolts, assemble the provided 12mm x 140mm bolts, ¼" thick stainless spacer washers, flat washers and factor rear cradle braces as shown in **IMAGE 15**. Install the braces and hardware, then snug the bolts. Torque the main bolts to 120 ft/lbs. and the cradle brace bolts to 33 ft/lbs.
20. Repeat steps 2-11 in reverse.
21. Remove the outer bolt on the lower control arm using an 18mm socket and 15mm wrench. Un-bolt the lower shock bolt using the same wrenches. Lower the control arm and insert the spring. Using a jack, lift the control arm back up into place and re-insert the outer bolt. Tighten the bolt to 130 ft/lbs. Re-insert the lower shock bolt and tighten it to 83 ft/lbs. (**IMAGE 16**)
22. Re-install wheels/tires and lower the vehicle.



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