

# BK051 INSTALLATION INSTRUCTIONS

## REQUIRED TOOLS:

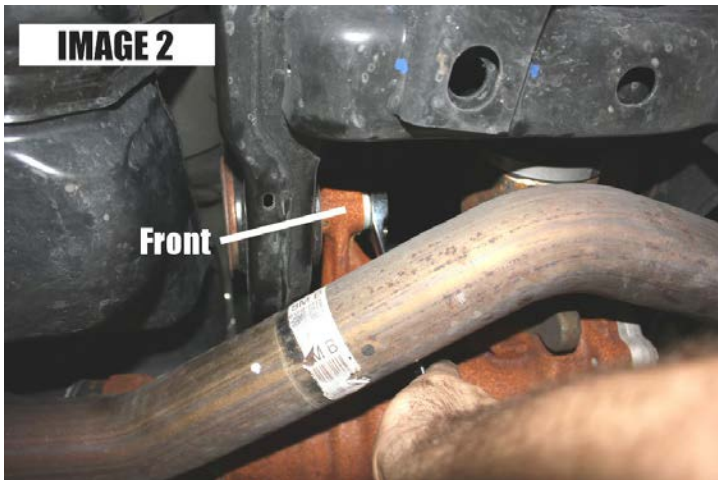
Wrenches and sockets: 13mm, 18mm, 21mm, 22mm

Jack and jack stands

Pry-bar (optional)

## INSTALLATION:

1. Lift vehicle and safely support with jack stands under the frame rails. Do not put stands under the rear cradle as it will be necessary to lower the cradle for this installation.
2. Place the hydraulic jack under the differential and raise it to support the entire cradle/differential.
3. Using a 21mm socket, loosen the two rear cradle bolts but do not remove. Leave approximately 3/8"-1/2" of thread engagement. (**IMAGE 1**)
4. Using a 21mm socket, remove the front two differential bolts. (**IMAGE 2**)
5. Remove the small bolts on the front cradle support brackets using a 13mm socket.



6. Using a 21mm socket, remove the two front cradle mounting bolts. (**IMAGE 3**)
7. Lower the front of the cradle down until the front of the differential bushings are accessible.

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8. Push the aluminum spacers into the centers of the poly bushings. Assemble the 35mm bolt, large stainless washer, lock washer, and one of the polyurethane bushings and install it as an assembly into the front of the front bushings, clocking the poly bushing appropriately until the reliefs line up with the protrusions in the rubber bushing. Thread the assembly into the front differential bushing as shown in **IMAGE 5** but do not tighten. Repeat for both front bushings.
9. Assemble the 65mm bolt, gold washer, and lock washer and thread it into the rear of the front differential bushing as shown in **IMAGE 5**.
10. Tighten all four front bolts to 129 ft/lbs.
11. Now remove the rear differential bolts.
12. Assemble the 100mm bolt, large stainless washer, lock washer, and one of the polyurethane bushings then thread it into the rear differential bushing as shown in **IMAGE 6**. Rotate the lockout until the reliefs in the poly lockout line up with the rubber protrusions on the differential bushings.
13. Tighten to 129 ft/lbs.
14. Lift the cradle back up to the frame and insert the front cradle bolts and cradle supports.
15. Tighten the main front cradle bolts to 129 ft/lbs.
16. Tighten the smaller bolts on the front cradle supports to 41 ft/lbs.
17. Tighten the rear cradle bolts to 129 ft/lbs.
18. Lower vehicle.

