BK079 INSTALLATION INSTRUCTIONS

INSTALLATION:

IMAGE 1

1. Lift rear of vehicle and safely support with jack stands under the frame rails.
2. Place a hydraulic jack under the differential and lift slightly to remove the load from the shocks.
3. Using an 15mm socket remove the lower shock bolts.
4. Using a 13mm socket remove the sway bar end links at the frame rails.
5. Using an 21mm socket, remove the upper control arm bolt on the rear end housing.
6. Lower the rear end as far as possible to gain access to the upper control arm bushing on the rear end. Take care not to damage the rubber brake hoses when lowering the rear end. NOTE: If desired, you can remove the calipers and lower the rear end further to gain more access.

IMAGE 2

7. If you don't have a Ford bushing removal tool, you can remove the upper bushing with a few common hand tools. Use a drill and a 3/8" drill bit to drill multiple holes along the perimeter of the rubber bushing. The goal is to separate the rubber from the outer steel shell. Once the rubber is no longer connected you can knock out the center sleeve and rubber bushing leaving just the outer shell. Use a hammer and chisel to knock out the steel shell.

IMAGE 3

8. Prep the hole in the rear end using a round file. Make sure there are no burs or high spots in the bore. Also make sure the face of the bore is flat and smooth before proceeding. **(IMAGE 1)**
9. Install the BMR Spherical Bearing from the passenger side. The machined flat of the flange should face down towards the housing. Knock it in using a dead blow hammer, ensuring that the flange sits flush against the axle housing. **(IMAGE 2 and 3)**
10. Once the bearing housing is installed apply Red Loctite to the threads and tighten the large nut using a 2" wrench or socket.

11. Insert the bearing spacers into the bearing as shown below in **IMAGE 4**.
12. Lift the rear end and re-connect the upper control arm, sway bar end links, and shocks. Torque all components to Ford specifications then lower the vehicle.

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