

CB005 - CRADLE BUSHING LOCKOUT KIT

RECOMMENDED TOOLS:

- Jack and jack stands
- Pry bar
- 13mm and 21mm sockets

INSTALLATION:

1. Lift the rear of the vehicle and support with jack stands under the frame rails.
2. Remove the wheels/tires to gain access to the work areas.
3. Place the hydraulic jack under the center of the cradle. This will be used to support the cradle while the cradle bolts are removed.
4. Using a 21mm socket, loosen all four cradle bolts just enough so that the cradle can be shifted around on the frame.
5. Start with one side and completely remove the two main cradle bolts using a 21mm socket.
6. On the front cradle support, remove the two 10mm bolts using a 13mm socket then remove the cradle support. **IMAGE 1**
7. Lower the jack, allowing the cradle to drop until there is enough room to insert the upper bushing cup. The tall cup goes on the front and short cup goes on the back. Insert the cup over the top of the bushings as shown in **IMAGE 2** then lift the cradle back up into position.



CB005 INSTALLATION (Continued)

8. Place the lower front spacer over the bottom of the front bushing as shown in **IMAGE 2**.
9. Now install the front BMR cradle support as shown in **IMAGE 3** but do not insert the small 10mm bolts until the other side of the cradle is done.
10. Jack the cradle back up until it is flush with the frame then tighten the main bolts with the 21mm socket. **NOTE:** Do not fully tighten these bolts until the other side is completed. Leave the bolts slightly loose to allow some cradle movement when working on the other side.
11. Move to the other side and duplicate steps 5-10.
12. The next step involves centering the cradle to put the 10mm bolts in the front frame supports. The BMR Cradle Lockout Kit reduces cradle movement by locking out the rubber bushings on multiple planes. It also eliminates the slack in the large bores of the factory bushings. "Truing up" the cradle like this makes lining up the smaller 10mm bolt holes difficult due to the precise fit of the components. To get the 10mm bolts to line up with the holes, it will be necessary to pry the cradle into position while inserting the bolts. Using the cradle alignment holes and a pry-bar, pry the cradle until the holes line up then insert the bolts as shown in **IMAGE 4**.
13. Once all of the bolts are threaded in, tighten the four main bolts to 129 ft/lbs and the four smaller bolts to 41 ft/lbs.
14. Bolt the wheels/tires back on and lower the vehicle.

