

# Teraflex Lower Short flexarm Joint Rebuild Kit for 4 Arms

Extreme Terrain part number J117711

**Installation Time:** 4-6 hours

**Tools Required:**

- ✓ 2 jacks
- ✓ Jack stands
- ✓ 21 mm wrench
- ✓ 21 mm socket (deep) and ratchet or impact
- ✓ Vise
- ✓ Press
- ✓ Lug wrench
- ✓ Hammer and chisel or air chisel
- ✓ Drill and drill bit (I used 1/2")
- ✓ Grease gun
- ✓ Teraflex Large Adjustable flexarm Joint Field Rebuild Tool Kit Item J117699
- ✓ Marker

I started at front driver tire as it is the most difficult to do, and pictures are of this flex arm. However process is the same on all arms.

### Installation Instructions:

1. Start by placing one jack under axle and one under frame out of the way of work area. Raise vehicle and place stands under to secure it.
2. Remove tire



3. Mark cam bolt for correct orientation during reinstallation



4. Remove cam bolt and frame bolt



5. Remove snap ring from misalignment ball



6. Using tool press out misalignment ball



*My camera quit on me so ill go more in depth on the rest of the instructions*

7. Clean pocket of any debris and grease the new cup bushings up and slide one half in. Apply grease to ball and push it in. Make sure your notches on new cup bushings line up and push other half in. (Very important, I didn't do this and had to redo it the first time.) Place new washer on outside of bushing and use your press tool in reverse to install new snap ring.
8. Place arm in vice with frame bushing up. Use drill to drill out the rubber bushing. Use chisel and hammer or air chisel to knock out the cup of the bushing. (If you've never done this I would advise watching a video on youtube but its pretty simple.)
9. Clean pocket of any debris and apply a thin coat of grease then press new bushing into pocket. (I used a hydraulic press for this step. Harbor freight has some cheap ones or you may be able to use a heavy truck and bottle jack.)
10. Grease using zerks as you roll the misalignment ball around to ensure proper coverage.
11. Reinstall on vehicle cam bolt side first just to finger tight then use jacks to line up frame bolt side.
12. Tighten frame bolt.
13. Align your marks on cam bolt and tighten.
14. Reinstall tire and lower vehicle.
15. Repeat process on remaining arms.