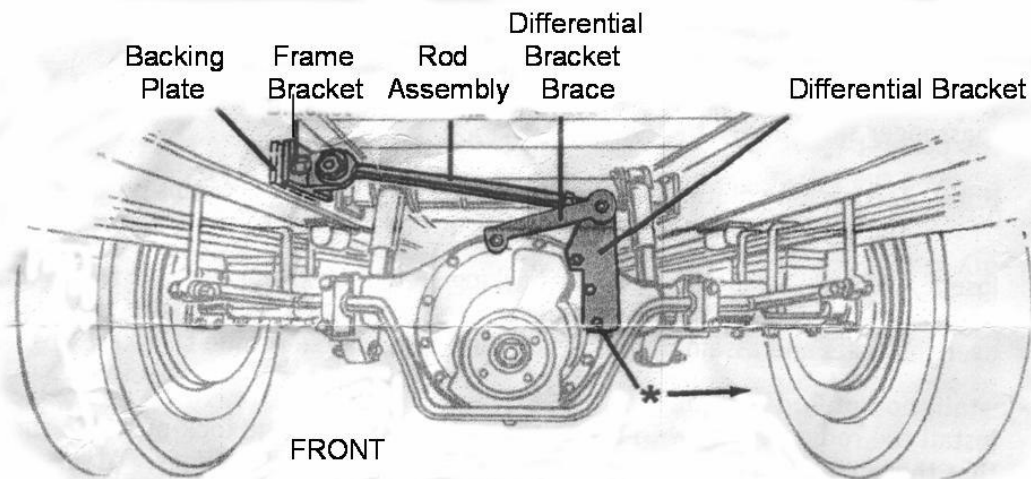


UltraTrac

Steering and Handling Products

Installation Instructions UTF53V10R

- Designed for F-53 chassis with 20—22k GVW (Dana 135—150 Differential)



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Swab the holes clean and dry before the installation of bolts.

1. Move the coach to a level, flat surface. Drive the coach onto approximately 4" blocks. Set the brake and chock wheels. Block off adequate space at the rear of the coach to work.
2. **Installation of the Differential Bracket**—Hold the differential bracket up to the differential to locate the 3 OEM bolts. Remove the bolts and discard.

NOTE: Before installing the differential bracket, make sure the surface is flat and clean. If letters or numbers are stamped or raised on the differential, grind away to create a smooth surface.

NOTE: Some OEM bolts may be metric. Be sure to check the size closely before installation. Metric bolts are larger. These bolts are provided in the kit.

3. Loosely install the differential bracket with $\frac{1}{2}$ "— $2\frac{3}{4}$ " bolts, flat washers, and lock washers supplied in the kit. Check holes for oil and swab clean and dry as necessary. Be sure to use Loctite on the bolts before installing.
4. **Installation of Differential Bracket Brace**—Remove the top center bolt from the differential. Align the small bolt hole in the bracket ("ear down") and install the new bolt – size $\frac{1}{2}$ "— $2\frac{3}{4}$ ", lock washers, and flat washers. Be sure to use Loctite. Then align the large hole with the large hole on the differential bracket. Leave the bolt loose until the **Rod Assembly** is installed.

5. **Installation of the Frame Bracket**—You will note that there are two holes in the frame on the right-hand side (passenger side) above the differential.

NOTE: The Backing Plate has a notch in one corner. This notch is there to clear the existing bracket already bolted to the frame.

6. Insert two ½"—2" bolts into the **Backing Plate** and install on the outside of the frame. Now install the **Frame Bracket** on the inside of the frame over the bolts and assemble the lock washers and nuts. Torque to 100 ft.lbs.
7. **Installation of Rod Assembly**—Install the **Rod Assembly** with the ¾" bolts, flat washers and lock-nuts. Be sure that there is a flat washer on the outside of the urethane bushings. When adjusting the length of the **Rod Assembly**, it is necessary that the coach's full weight be on the suspension.

Torque all the ½" bolts on the Differential Bracket Brace and the Differential Bracket to 120 ft.lbs. The ¾" rod end bolt is to be torqued to 150-180 ft.lbs.

Be sure to check all fasteners for tightness, including the jam nut on the Rod Assembly. Torque the bar bolts to 150-180 ft.lbs. Torque the jam nut to 100-150 ft.lbs. This completes the installation.

8. Test drive. Complete and mail the warranty card.
9. Re-check torque in 6 months.

**If you have any questions, call Ultra-Distributing at
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