

UltraTrac

Steering and Handling Products

Installation Instructions UTW22F

Tools:

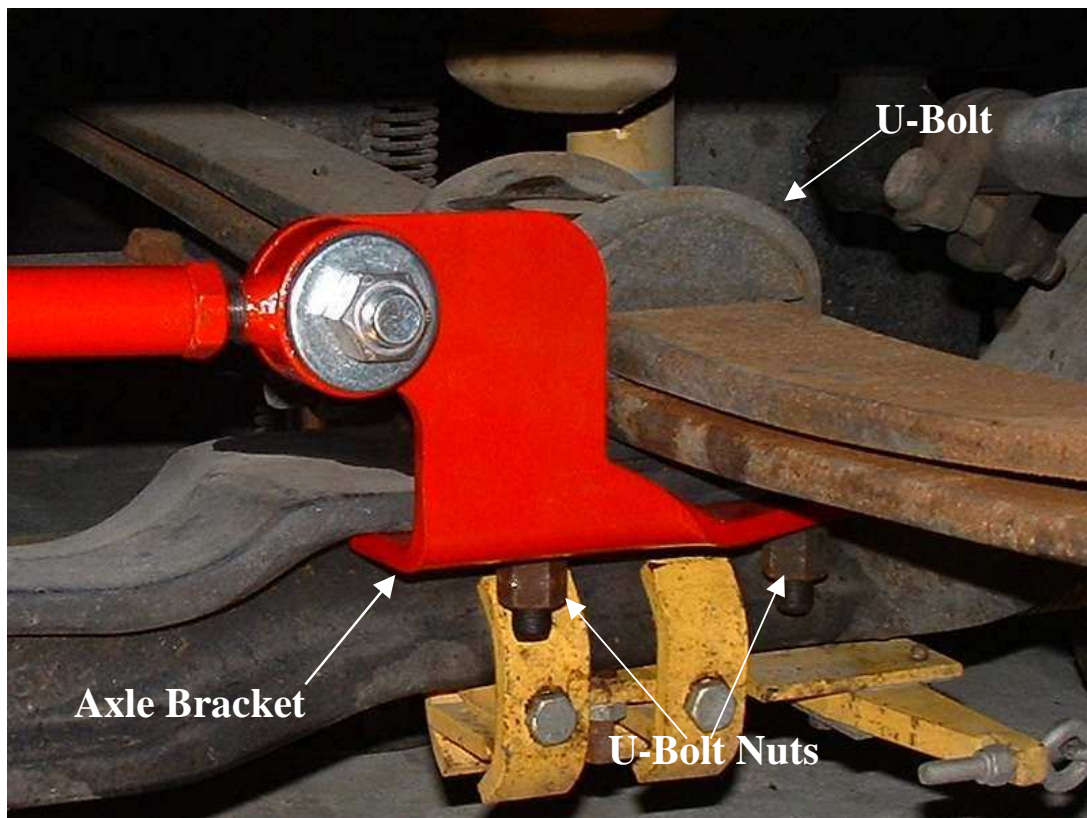
Standard set combo wrenches
1/2" Standard Socket Set
1/2" Drive Ratchet, Breaker bar, Extensions
1/2" Torque Wrench

Optional Tools:

1/2 Impact wrench/air source
Adjustable wrench – (AKA – Crescent wrench)

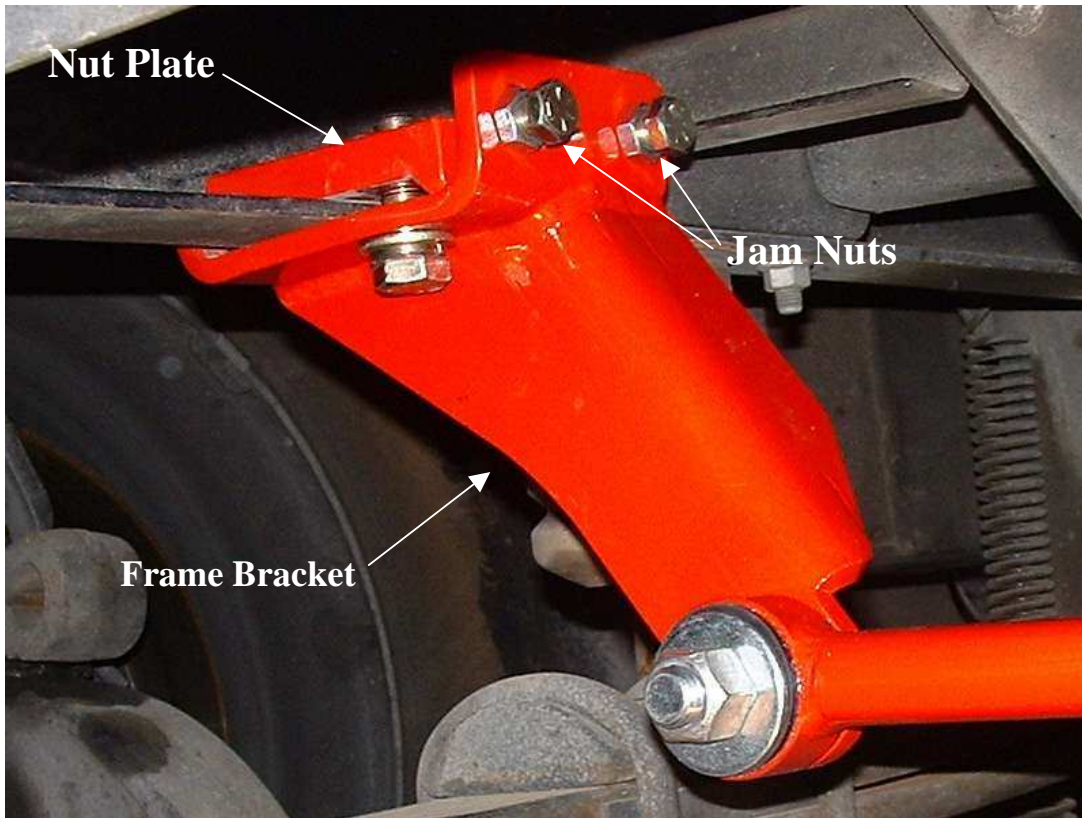
1. Move the coach to a level, flat surface. Drive coach onto approximately 4" blocks. Set the brake and chock the wheels. Block off adequate space at the front of the coach to work. Observe all other safety requirements, such as frame stands, safety glasses, work gloves etc.

2. Install Axle Bracket



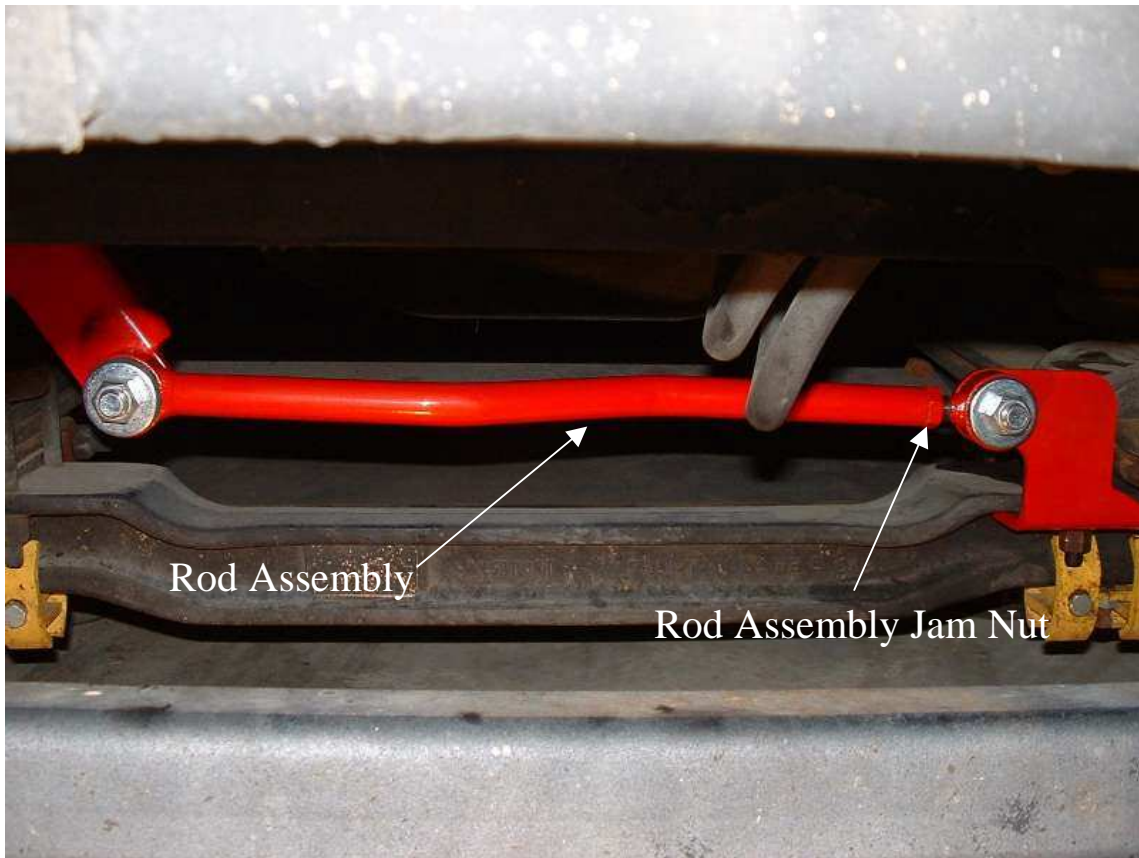
- ❑ Remove the nuts on the front U-Bolt of the driver's side of the front axle.
- ❑ Install the Axle Bracket and reinstall the U-Bolt nuts removed in the previous step.
- ❑ Torque U-Bolt nuts to - 140-150 lbs.

3. Install Frame Bracket



- ❑ Install a few drops of **LOCTITE** to each bolt prior to assembly.
- ❑ Place the Frame Bracket on the outside of the passenger's side frame rail in front of axle and loosely secure it with the Nut Plate and supplied 5/8" x 2" bolts and washers (flat washer and lock washer). The Axle Bracket and Nut Plate must be able move front to back on the frame.
- ❑ Install the two 1/2" x 1" bolts with jam nuts finger tight for now.

4. Install Rod Assembly



- The coach **MUST** be at normal ride height with the **coach's full weight on the suspension** when installing the Rod Assembly.
- Install the fixed end of the Rod Assembly loosely to the Frame Bracket using 3/4" x 3" bolt, flat washer and lock nut.
- Loosen the Rod Assembly jam nut and adjust the rod end until the bolthole is aligned to the bolthole in Axle Bracket. Install the 3/4" x 3" bolt, flat washer and locking nut.
- Torque Rod Assembly bolts and nuts to 175-200 lbs.
- NOTES:**
 1. *The flat washers are installed each side of the urethane bushing.*
 2. *The shoulder of the mounting bolt is slightly larger than the steel bushing and will be drawn tight when the lock nut is secured.*
- Alternate tightening the 5/8" bolts and the 1/2" bolts (with jam nuts) on the Frame Bracket
- Torque 5/8" bolts to 100-125 lbs
- Torque 1/2" bolts to 80-100 lbs
- The Nut Plate **MUST** be pressed against the frame using the 1/2" bolts while at the same time, the 5/8" sandwich the Frame Bracket and the Nut Plate.
- Tighten Rod Assembly jam nut.
- Tighten Frame Bracket Jam nuts.

5. Finish

- Recheck all nuts/bolts for proper torque.
- Test drive
- Fill out the warranty card.
- Recheck all torque settings in 6 months.