

# UltraTrac

## Steering and Handling Products

### Installation Instructions UTW22R

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**Tools:**

Standard and/or Metric combo wrenches  
1/2" Standard and/or 1/2" Metric Socket Set  
1/2" Drive Ratchet, Break bar, Extensions  
1/2" Torque Wrench  
1/2" drill bit and drill

**Optional Tools:**

1/2 Impact wrench  
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 rear of the coach to work. Observe all other safety requirements, such as frame stands, safety glasses, work gloves etc.
2. **Install the Frame Bracket**



- The Frame Bracket is bolted to the passenger's side frame rail at the "Like Air" aux spring location.
- Remove the OEM bolts. This requires a 16mm and 18mm socket/wrench.
- Remove the "Like Air" aux spring from the bracket. Replace the lower left bolt with a supplied 1/2" bolt and washer.
- Re-install the "Like Air" spring and secure with the lock washer and nut.
- Check to see if the 1/2" replacement bolts will fit through the holes in the frame. If they don't, drill them out with a 1/2" bit.
- Check to see if you have to relocate any cables and/or wires.
- Re-install the "Like Air" aux spring using the original bolt to hold it in place.
- Loosely install the Frame Bracket with the supplied bolts, washers and nuts.
- Do Not** torque the Frame Bracket at this time.

### 3. Install the Differential Bracket



- Hold the Differential Bracket up to the differential to locate the 3 OEM bolts to remove.
  - One Differential Bracket fits differentials that use SAE bolts.
  - The other Differential Bracket fits differentials that use METRIC bolts.
- Mark and remove the appropriate bolts.
- NOTE: Before installing the Differential Bracket, make sure the surface is flat and clean. If there are any embossed letters or numbers on the differential, grind away to create a smooth surface.**
- Apply a small amount of **LOCTITE** to each bolt before installing.
- Loosely install the Differential Bracket with the supplied bolts and lock washers. Tighten the bolts equally until snug.
- DO NOT** torque the Differential Bracket bolts at this time.

#### 4. Install the 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 Differential Bracket. Install the 3/4" x 3" bolt, flat washer and locking nut.
- Torque Frame Bracket nuts to 100 lbs.
- Torque Differential Bracket bolts to 120 lbs.
- 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 can be slightly larger than the steel bushing and will be drawn tight when the lock nut is secured.*
- Tighten the jam nut to secure the Rod Assembly.

#### 5. Finish

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