



# Davis TruTrac™ by ROADMASTER

85-3266

## Ford F53 TruTrac Bar Installation Instructions

Part No: TRAC F53

**The following instructions must be followed in the order listed to ensure a proper installation and to preserve the ROADMASTER warranty.**

Thank you for purchasing the TruTrac Bar by ROADMASTER. This product has been developed to enhance the handling characteristics of the Ford F53. Please be sure to properly identify your chassis to make sure this is the correct bar for your application.

**1.** Make sure coach is on level ground, sitting in a level position. Do not raise coach on jacks. Measure the distance from the top of the front shock absorber to the ground on both sides to assure equal spacing. If the measurements are not equal, move the coach and measure again, until the coach is level. These steps will assure correct installation and adjustment of the TruTrac Bar.

**2.** Remove 2 factory bolts in the driver's side frame member above the front left spring. One bolt is located on each side of the rubber bumper stop (Figure 1). Discard the factory bolts (do not discard the factory nuts and washers) and install the 2 new M12 x 1.75 x 50 bolts supplied. Remove the corresponding factory motor mount nut and washer - do not remove the factory bolt.

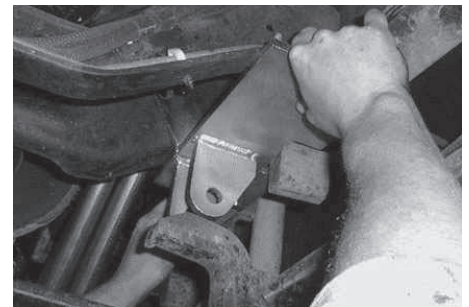
**3.** Install upper TruTrac Bar bracket (Figure 2) on the motor mount bolt and re-install factory nut and washer. Hold the TruTrac Bar bracket in place and re-install factory nuts and washers in frame. Torque all nuts and bolts to 80-90 ft.-lbs.

-CONTINUED ON THE NEXT PAGE-

**Figure 1**



**Figure 2**



### **⚠ WARNING**

**Failure to follow these instructions can result in property damage, personal injury or even death.**

- If raising the vehicle to install the TruTrac bar, always support the vehicle with jack stands at both frame rails or at the rear axle before working underneath. Ensure that the jack stands are securely positioned, and are rated at or above the weight of the vehicle.
- The installer must read the instructions and use all bolts and parts supplied. Use only the parts supplied by ROADMASTER to install this kit.
- Minor modifications are sometimes necessary due to slight vehicle variations, even for the same year, make and model.
- Regardless of year, make and model, a wide range of options for specific applications may or may not interfere with the installation. It is the installer's responsibility to make certain that equipment is not damaged once the suspension solution travels through the full range of motion. Failure to ensure adequate clearance could result in non-warranty property damage, personal injury or even death.

- If running changes were made by the manufacturer after this kit was designed, there may be weldments, braces, gussets, or other structural items which interfere with the installation. It is the installer's responsibility to allow for these running changes without sacrificing the structural integrity of the TruTrac bar. Failure to securely fasten the TruTrac bar could result in property damage, personal injury or even death.
- ROADMASTER will not be responsible for any damage or injury resulting from any modification or alteration.
- Check ALL the fasteners for tightness before and after road testing the vehicle.
- Do not use this document for custom fabrication, as it may not show all parts or structural components.
- Do not use an air impact wrench when re-installing bolts, as stripped threads may result.
- This TruTrac bar is only warranted for the original installation. Installing a used TruTrac bar on another vehicle is not recommended and will void the warranty.



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4. Remove passenger side front spring axle U-bolt. Only the front U-bolt needs to be removed. Set the passenger side TruTrac Bar bracket on top of the spring with ear and hole toward the center of the vehicle and pointing up (Figure 3). Install new (supplied) U-bolt and torque to 220-300 ft.-lbs.

5. Insert TruTrac Bar bolt (supplied) through axle bracket and solid end of the Trac Bar. Adjust the Tru Trac Bar alignment (Figure 4) until the second TruTrac Bar bolt slips easily into frame bracket and adjustable end of TruTrac Bar. Note: bolts must be installed from the front with nuts on the rear to avoid clearance problems. Install lock nuts supplied and tighten nuts and bolts, being careful to avoid compressing brackets and bushings. Tighten adjustment lock nut. If vehicle is equipped with front air bags some modification of the air bag brackets may be necessary.

6. Re-check installation (Figure 5). If vehicle is equipped with a Safe-T-Plus steering stabilizer, re-adjustment of the Safe-T-Plus may be necessary. Test drive the vehicle and re-inspect installation. Re-check all nuts and bolts for tightness. Recheck bolts after the first 1,000 miles or so to make sure they have not loosened.

## WARNING

After road testing, re-check all fasteners for proper tightness — if a fastener has worked loose or fallen off, re-tighten or replace it. Without all kit components properly tightened or in place, the TruTrac Bar will not stabilize the vehicle at full capacity, which may cause reduced cornering ability or other reductions in vehicle handling or performance.

Failure to follow these instructions may result in property damage, personal injury or even death.

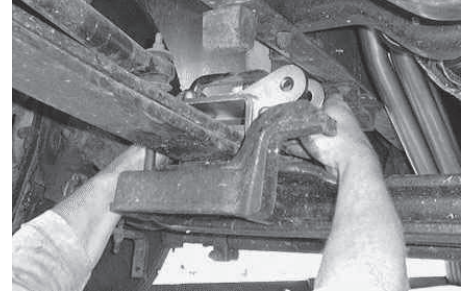
## WARNING

### **The bar is not a load-bearing component**

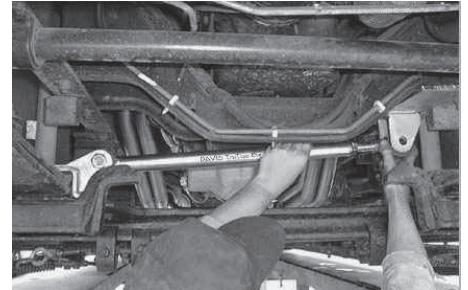
Do not tow or hoist the vehicle using the bar or its mounting brackets as attachment points. The bar is not designed to carry the weight of the vehicle and may collapse, which will damage the bar components, the suspension, or other components. The vehicle will detach or fall, which may cause severe personal injury.

Failure to follow these instructions may result in property damage, personal injury or even death.

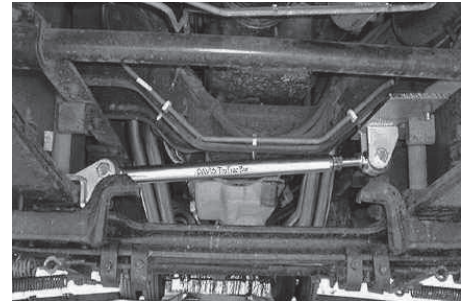
**Figure 3**



**Figure 4**

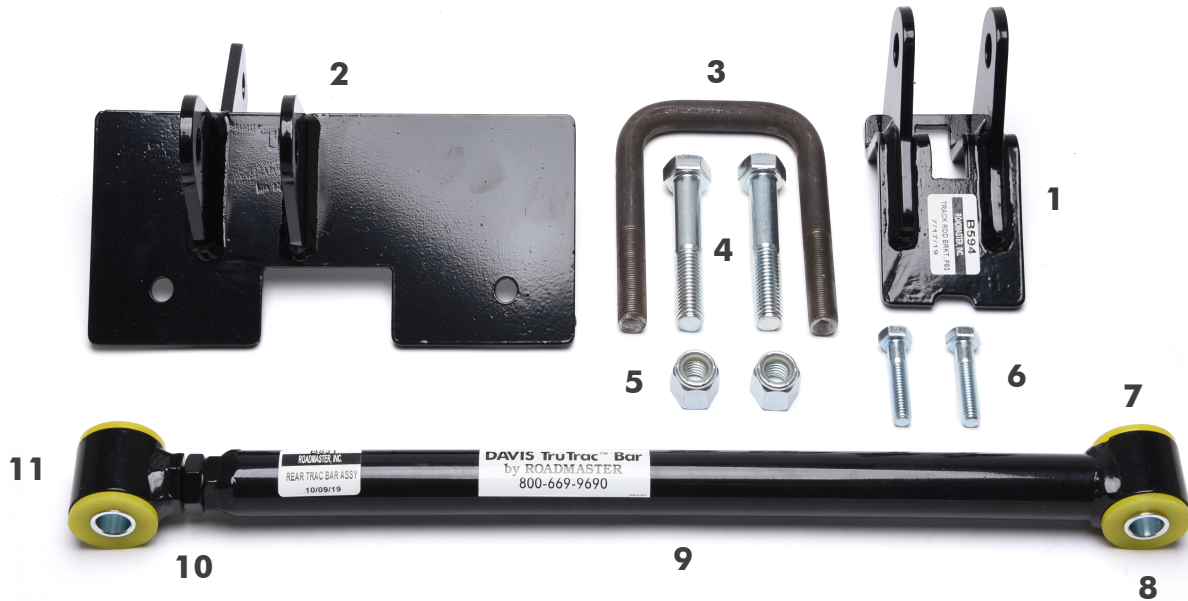


**Figure 5**





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F53

Part #	Description	Qty
1. B594	Davis Tru-Trac Weld F53	1
2. B593	Davis Tru-Trac Weld F53	1
3. 357260-00	U-bolt 3/4 NFX5-1/2x4	1
4. 350185-00	3/4" Cap Screw	2
5. 350265-00	3/4" Lock Nut	2
6. 357205-00	Cap Screw	2
7. 205209-00	Bushing	4

Part #	Description	Qty
8. 205504-00	Metal Sleeve	2
9. B532	Rod end-Panhard Tru Trac	1
10. 350288-00	Jam Nut	1
11. B531	Tube Panhard-Tru Trac	1

## BOLT TORQUE REQUIREMENTS

### STANDARD BOLTS

Thread Size	Grade	Torque
3/8.....	5.....	30 ft./lbs.
7/16.....	5.....	50 ft./lbs.
1/2.....	5.....	75 ft./lbs.
5/8.....	5.....	140 ft./lbs.

**Note:** Endlink bolts use grommets and should NOT be torqued. Tighten these bolts by hand until the grommet starts to deform.

**Note:** These torque values are intended as general guidelines. Torque requirements for specific applications may vary. Roadmaster does not warrant this information to be accurate for all applications and disclaims all liability for any claims or damages which may result from its use.