



Davis TruTrac™ by ROADMASTER

85-5677-00
03/17/17

Trac C45 Chassis TruTrac Bar

(for gas engines only)

Installation Instructions

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 your vehicle. Please be sure to properly identify your chassis to make sure this is the correct bar for your application.

Note: All images in these instructions show Roadmaster's front Anti-Sway Bar #1109-158. It is positioned directly in front of the front axle in these pictures, as shown in Figure 1. Your vehicle may not be equipped with this item.

1. Move the coach to a level, flat service. Drive the coach onto approximately 4" blocks. Set the brake and chock the wheels. Block off adequate space at the front of the vehicle to work. **Note: If Roadmaster's front Anti-Sway Bar #1109-158 is installed, continue to step 2. If no front Anti-Sway Bar is installed, continue to step 3.**

2. **If your vehicle is equipped with 1109-158:** Remove the anti-sway bar clamp bolts holding the passenger side clamp to the axle bracket. Insert axle bracket B775 between the anti-sway bar clamp and the axle bracket. Re-install the anti-sway bar clamp bolts and torque to 60 ft-lbs.

Figure 1



-CONTINUED ON THE NEXT PAGE-

WARNING

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

- If raising the vehicle to install the anti-sway 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 anti-sway bar. Failure to securely fasten the anti-sway 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 anti-sway bar is only warranted for the original installation. Installing a used anti-sway bar on another vehicle is not recommended and will void the warranty.



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3. If your vehicle is not equipped with 1109-158: Remove the nuts on the front u-bolt holding the leaf spring to the front axle on the passenger side. Install axle bracket B922 over the u-bolt as shown in Figures 2 and 3. Replace the nuts you removed and torque them to 140-150 ft-lbs.

4. Remove three factory bolts on the driver's side frame rail, directly over the front axle. Two of the bolts are on the bottom of the frame rail, and one is on the outside of the frame rail. Install bracket B774 so that the existing holes in the bracket line up with the holes for the bolts you removed. Apply Loctite Red to the bolts and reinstall them. Torque to 55 ft-lbs. (Figures 4 and 5).

5. With the coach at normal ride height, install the adjustable end of the Trac Bar unit into the ears on the axle bracket. Use one of the supplied 3/4" x 4" bolts and 3/4" nut. Do not tighten at this time. Loosen the jam nut on the Trac Bar unit and adjust the length of the rod until you are able to insert the other 3/4" x 4" bolt through the frame bracket and the Trac Bar unit. Attach the other 3/4" nut.

6. Tighten the 3/4" bolts and nuts. Tighten these bolts to the point where the Trac Bar unit is held securely without play, but ensure that the Trac Bar unit can pivot on both bolts without sticking. Overtightening these bolts can cause noise while driving, and may damage the bushings or Trac Bar unit.

Finally, tighten the jam nut on the Trac Bar unit. Figure 6 shows the completed installation.

Figure 2



Figure 3



Figure 4



Figure 5

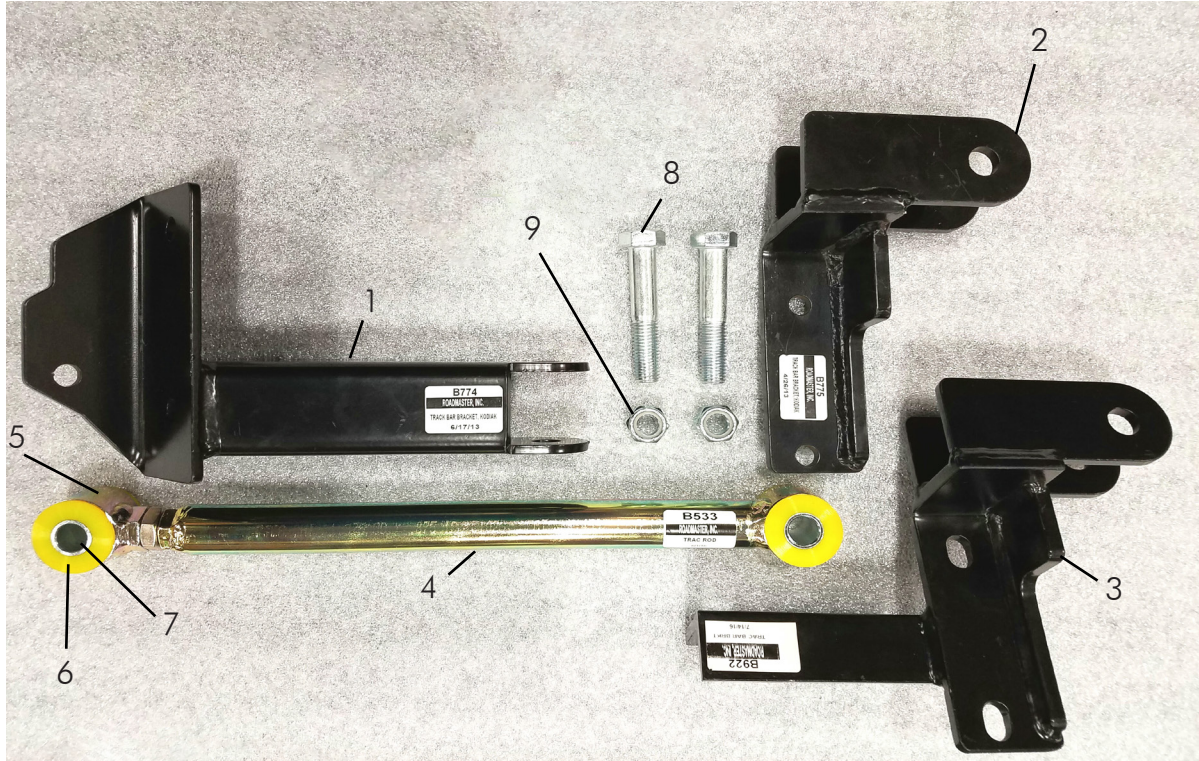


Figure 6





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Trac C4500

Part #	Description	Qty	Part #	Description	Qty
1. B774	Frame bracket	1	5. 205209-00	Bushing	4
2. B775	Axle bracket	1	6. 205504-00	Sleeve	2
3. B922	Axle bracket	1	7. 350185-00	3/4" x 4" Bolt	2
4. B532	Trac rod	1	8. 350265-00	3/4" Nylock nut	2

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.