



## #F5251 Installation Instructions 3/1/99-2004 Ford F250/350 Super Duty 4wd Front Adjustable Track Bar

### Read and understand all instructions and warnings prior to installation of product and operation of vehicle.

Zone Offroad Products recommends this system be installed by a professional technician. In addition to these instructions, professional knowledge of disassembly/ reassembly procedures and post installation checks must be known. Minimum tool requirements include the following: Assorted metric and standard wrenches, hammer, hydraulic floor jack and a set of jack stands. See the "Special Tools Required" section for additional tools needed to complete this installation properly and safely.

#### » PRODUCT SAFETY WARNING

Certain Zone Suspension Products are intended to improve off-road performance. Modifying your vehicle for off-road use may result in the vehicle handling differently than a factory equipped vehicle. Extreme care must be used to prevent loss of control or vehicle rollover. Failure to drive your modified vehicle safely may result in serious injury or death. Zone Offroad Products does not recommend the combined use of suspension lifts, body lifts, or other lifting devices.

You should never operate your modified vehicle under the influence of alcohol or drugs. Always drive your modified vehicle at reduced speeds to ensure your ability to control your vehicle under all driving conditions. Always wear your seat belt.

#### » TECHNICAL SUPPORT

*Live Chat* provides instant communication with Zone tech support. Anyone can access live chat through a link on [www.zoneoffroad.com](http://www.zoneoffroad.com).

[www.zoneoffroad.com](http://www.zoneoffroad.com) may have additional information about this product including the latest instructions, videos, photos, etc.

Send an e-mail to [tech@zoneoffroad.com](mailto:tech@zoneoffroad.com) detailing your issue for a quick response.

**888.998.ZONE** Call to speak directly with Zone tech support.

#### » PRE-INSTALLATION NOTES

1. Special literature required: OE Service Manual for model/year of vehicle. Refer to manual for proper disassembly/reassembly procedures of OE and related components.
2. Adhere to recommendations when replacement fasteners, retainers and keepers are called out in the OE manual.
3. Larger rim and tire combinations may increase leverage on suspension, steering, and related components. When selecting combinations larger than OE, consider the additional stress you could be inducing on the OE and related components.
4. Post suspension system vehicles may experience drive line vibrations. Angles may require tuning, slider on shaft may require replacement, shafts may need to be lengthened or trued, and U-joints may need to be replaced.
5. Secure and properly block vehicle prior to installation of Zone Offroad Products. Always wear safety glasses when using power tools.
6. If installation is to be performed without a hoist, Zone Offroad Products recommends rear alterations first.
7. Due to payload options and initial ride height variances, the amount of lift is a base figure. Final ride height dimensions may vary in accordance to original vehicle attitude. Always measure the attitude prior to beginning installation.

#### Difficulty Level

easy (1) 2 3 4 5 difficult

Estimated installation: 30 minutes

#### Special Tools Required

30mm (1-3/16") Socket

## Kit Contents

Qty	Part
1	Front Adjustable Track Bar

## INSTALLATION INSTRUCTIONS

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### »» PRE-INSTALLATION NOTES

1. **Early Model Trucks:** This track bar is designed to work on vehicles manufactured after 3/1/99. Earlier models used smaller track bar bolts that will not fit properly in the provided track bar ends. Newer model trucks will have a track bar bolt that has a hex head measuring 1-3/16 across the flats.
2. The factory front track bar bolts require 405 ft-lbs of torque to be installed properly. Be sure you have the means of removing and installing this hardware properly. It is possible to install the hardware and torque to a more modest range (200 ft-lbs or so) and take the vehicle to a shop with the means to torque the hardware properly immediately after the installation is complete.
3. This front track bar is designed to be used with multiple lift heights. It is recommended that a track bar relocation bracket is used with the adjustable track bar for lift heights above 4". Be sure each end of the track bar has adequate thread engagement into the adjusting sleeve when installing (1-1/2" or more).
4. This track bar can be adjusted down to 1/2" longer than factory length. If an install requires the bar to be shorter (down to factory length) the threaded ends of the two male bar halves can be trimmed. Do not trim more than 3/8" off of each bar end.

### »» TRACK BAR INSTALLATION

1. Park the vehicle on a clean, flat surface. Block the rear wheels for safety.
2. Turn the steering wheel to move the steering drag link in order to have the best access to the axle and frame track bar mounting bolts.
3. Remove the track bar from the axle and frame mounts. **Figure 1, 2** Save hardware.



Figure 1



Figure 2

4. Locate the new adjustable track bar. Make sure that each half of the bar has equal amount of thread engagement into the adjusting sleeve. **Figure 3**



Figure 3

5. Install one end of the track bar into the axle bracket and loosely fasten with the factory hardware. **Figure 4**



Figure 4

6. With the vehicle setting at ride height and the axle centered under the vehicle, install the track bar into the frame bracket. Turn the adjusting sleeve to align the end to the bracket mounting hole. Loosely fasten with the factory hardware.

### **Step 5 Note**

The short end of the track bar can be installed at either position. Depending on the suspension setup, one position may provide better clearance between the clamps and mating components over the other.

### Post-Installation Warnings

1. Check all fasteners for proper torque. Check to ensure for adequate clearance between all rotating, mobile, fixed, and heated members. Verify clearance between exhaust and brake lines, fuel lines, fuel tank, floor boards and wiring harness. Check steering gear for clearance. Test and inspect brake system.
2. Perform steering sweep to ensure front brake hoses have adequate slack and do not contact any rotating, mobile or heated members. Inspect rear brake hoses at full extension for adequate slack. Failure to perform hose check/ replacement may result in component failure.
3. Perform head light check and adjustment.
4. Re-torque all fasteners after 500 miles. Always inspect fasteners and components during routine servicing.

7. With the track bar installed, slide the pinch clamps over each end of the adjuster sleeve. Be sure the clamps are at the end and completely on the adjuster sleeve. Position the clamps for the best clearance and torque clamp bolts to 40 ft-lbs.
8. Torque the frame and axle track bar bolts to 405 ft-lbs.
9. Double check the steering wheel to make sure it is centered. Adjust the drag link length as necessary.
10. Check all hardware for proper torque.
11. Check hardware after 500 miles.