

Replacement Tie Rod Ends

BDS Suspension Lifts Only

2002-2016 Dodge 1500, 2007-2016 Toyota Tundra

Part #: 082601, 082602, 082603, 087701



SAFETY WARNING

BDS Suspension Co. 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.

INSTALLATION INSTRUCTIONS

All instruction steps apply, regardless of application

1. Park the vehicle on a clean, flat surface and block the rear wheels for safety.
2. Raise the front of the vehicle so the tires are off the ground and support with jack stands under the frame rails.
3. Remove the wheel only on the side of the truck receiving a replacement tie rod end.
4. Locate the tie rod end and take a reference dimension from the tie rod end to a location on the tie rod. Typically the end of the plastic/ rubber tie rod boot near the inside of the tie rod works best. This dimension will help get the alignment close so the vehicle can be driven to the alignment shop.
5. Loosen the tie end jam nut.
6. If equipped, remove the tie rod end cotter pin. A new cotter pin will be provided when necessary.
7. Remove the tie rod end nut. Strike the steering knuckle near the tie rod end to dislodge the taper. Remove the tie rod end from the steering knuckle.
8. Unthread the tie rod end from the tie rod and replace with the new provided end.
9. Install the new tie rod end into the steering knuckle and fasten with the provided hardware. Torque the tie rod end nut to 55 ft-lbs.
10. If equipped, install the new provided cotter pin. Do not loosen the nut to align the cotter pin hole, only tighten.
11. Adjust the tie rod end using the dimensions taken earlier. Lock off the jam nut securely.
12. Grease the tie rod end until grease boot is filled.
13. Install the wheels and lower the vehicle to the ground. Torque lug nuts to the proper specifications.
14. Vehicle will require the toe-in to be checked and adjusted as necessary. It is recommended to have a complete front end alignment preformed.
15. Check hardware after 500 miles.