



INSTALLATION INSTRUCTIONS

4949

Front Camber/Caster Kit 02'-Up Dodge 1500 4WD

Thank you for being selective enough to choose our high quality BELLTECH PRODUCT. We have spent many hours developing our line of products so that you will receive maximum performance with minimum difficulty during installation.

- Note: Confirm that all of the hardware listed in the parts list is in the kit. **Do not** begin installation if any part is missing. Read the instructions thoroughly before beginning this installation.
- Warning:** **DO NOT** work under a vehicle supported by only a jack. Place support stands securely under the vehicle in the manufacturer's specified locations unless otherwise instructed.
- Warning:** **DO NOT** drive vehicle until all work has been completed and checked. Torque all hardware to values specified.
- Reminder: Proper use of safety equipment and eye/face/hand protection is absolutely necessary when using these tools to perform procedures!
- Note: It is very helpful to have an assistant available during installation.

RECOMMENDED TOOLS:

- Properly rated floor jack, support stands, and wheel chocks
- Combination wrench set
- Torque wrench: *0-300 lb ft. range*
- Ratcheting socket wrench and sockets sets
- Safety Glasses

KIT INSTALLATION

This kit is designed to be installed on the front upper control arm frame brackets.

1. Perform pre-alignment checks in normal manner.
2. Hook-up alignment equipment, record readings.
3. Support truck by the lower control arms.
4. Work on one control arm frame bracket at a time. Remove existing control arm pivot bolt and discard.
5. Mount kit brackets on either side of control arm frame bracket with the tabs locking into place and flush along the frame rail. Each bracket has either L or R stamp on it to designate which side the kit bracket is to be mounted.
6. Install supplied bolt by having one eccentric cam on the head of the bolt and one small washer towards the bolt thread. Slide bolt through frame bracket and control arm bushing then install a second small washer, eccentric cam and nut. (see diagram)
7. Set cams in neutral position and tighten nut. Also make sure both kit brackets are flush against frame brackets.
8. Repeat procedure for the remaining upper OE control arm frame brackets on both sides of vehicle.
9. Install alignment equipment loosen and rotate bolt and adjust alignment to required setting.
10. Always check for proper clearances between all components on the vehicle.
11. Torque nut to 85ft. lbs. Set toe and road test vehicle.

