

JEEP FRONT CASTER/PINION ANGLE KIT

This part should only be installed by personnel who have the necessary skill, training and tools to do the job correctly and safely. Incorrect installation can result in personal injury, vehicle damage and / or loss of vehicle control.

1. Before beginning any alignment always check for loose or worn parts, tire pressure, and odd tire wear patterns.
2. Raise the vehicle by the frame.

CAUTION: Always use appropriate safety devices to support the weight of the vehicle while servicing any suspension component.

3. Remove the front lower control arm to axle bolts one at time.
4. Install the **#82380** cam bolts by placing one cam at the head of each bolt, slide the bolt through the axle bracket and control arm, then place another cam washer on the bolt and then the locknut.
5. Repeat for other side making sure cam washer sets in recess on axle bracket.
6. To adjust loosen lock nut and rotate cam bolt. Both cam bolts must be in the same relative position.

Note: Cross caster cannot be set on this type of axle. Having the bolts in different positions on each side will load the bushings and possibly cause setback problems.

7. Tighten locknut to 115 Nm (85 lb-ft).
8. Check alignment and/or pinion angle readings and road test vehicle.

Always check for proper clearance between suspension components and other components of the vehicle.



**Specialty
Products
Company®**

P.O. Box 923 • Longmont, CO 80502 • (303) 772-2103

www.specprod.com • www.spcperformance.com

Email: info@specprod.com

Printed in U.S.A.

Toll Free Technical Hot Line: 1-800-525-6505

©2006 Niwot Corp. dba Specialty Products Co. • Form No. 99380 • Rev. 4/06