

# PART NOS. 82385 & 82395

## Instruction Sheet

### DODGE H/D TRUCK 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.*

*Check for loose or worn parts, proper tire pressure, and odd tire wear patterns before beginning alignment.*

1. Raise vehicle and support by frame.
2. Install cam bolts by placing one cam at head of each bolt, slide bolt through axle bracket and control arm, then place another cam washer on bolt and then locknut.

**CAUTION: Always use appropriate safety devices to support the weight of the vehicle while servicing any suspension component. Remove and replace front lower control arm to axle bolts one at a time.**

3. Repeat for other side.
4. To adjust, loosen lock nut and rotate cam bolts. Both cam bolts must be in the same relative position.

**NOTE: Cross caster cannot be set on this type of axle. Having bolts in different positions on each side will load bushings and possibly cause setback problems, but will not affect cross caster.**

5. Hold heads of bolts steady to preserve setting and torque nuts as follows:

#82385	80 lb-ft (108 N-m)
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#82395	150 lb-ft (203 N-m)
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6. 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**

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