

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.

Plan Ahead - Read All Instructions **BEFORE** installing part

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

1. Install cams one side of the vehicle at a time.
2. Remove rear upper control arm to axle bolt and remove upper control arm from axle bracket.
3. Use rotary file (SPC #85130 or similar) to elongate factory holes approximately 5/16" [8mm] to provide for pinion angle adjustment. To raise pinion, elongate slots towards the front; to lower pinion, elongate towards the rear. (**Figure 1**)

NOTE: It may be necessary to remove brake rotor and backing plate to gain access for grinding tool.

4. Install #82376 cam bolts by placing one cam washer onto the bolt, then slide bolt through axle bracket and control arm. Install second cam washer and nut onto bolt. Leave fastener slightly loose for adjustment.
5. Repeat for second side. (Cams must be installed on both sides to change pinion angle.)
6. Adjust pinion angle by rotating cam bolts until desired pinion angle is as achieved.
7. **NOTE: Both right and left cams must be in same relative position.**
8. When desired pinion angle is achieved, torque nuts to 85lb-ft [115Nm].
9. Verify proper pinion angle and road test vehicle.

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

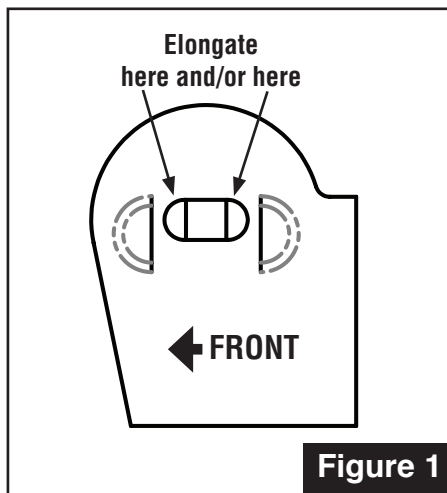


Figure 1



Specialty Products Company®

4045 Specialty Pl. • Longmont, CO 80504 • (303) 772-2103 • Fax: (303) 772-1918

Toll Free Technical Hot Line: 1-800-525-6505 • www.specprod.com ECN#2579

For warranty information go to: www.specprod.com/warranties • Email: info@specprod.com

©2018 Niwot Corp. dba Specialty Products Co • Printed in U.S.A. • Form No.82376INS • Rev. 9/18