

PART NOS. 82386 & 82387

Instruction Sheet

HD DODGE ADJ. CAM KIT (PR)

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. Raise vehicle and support by frame.
2. Note orientation and then remove OE lower control arm nut, cam, and cam bolt from axle.

CAUTION: Remove and replace front lower control arm to axle bolts one at a time.

3. Install SPC cam bolt and nut in same orientation. Loosely install mounting hardware enough to ensure both cams seat into their respective reaction brackets.

NOTE: Tightening fasteners with vehicle in raised position may cause premature bushing failure.

4. Repeat removal and installation on opposite side and lower vehicle.
5. Adjust front caster/pinion angle using cams by rotating bolt head with wrench or socket while allowing cams to move control arm in its slot. Both cam bolts must be in 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.

6. When finished adjusting: while holding bolts/cams secure, torque nut to 158 lb-ft (214 N-m).
7. Complete alignment and road test vehicle.

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



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