

PART NO. 87505

Instruction Sheet CAM 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.

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 rear of vehicle by frame and securely support.
2. Remove OE camber cam per manufacturer's procedure.
3. Pre-assemble SPC cam bolt by placing one cam washer onto bolt.



Tech Tip: If slightly more adjustment is needed in step 7, slots in subframe may be elongated using SPC 85127 Rotary File and SPC 85774 Cool Tool Fluid for a small increase in adjustment range.

4. Install SPC 87505 cam bolt through lower control arm. Place second cam washer on bolt and install lock nut.
5. Tighten lock nut until it sits flush with cam, but leave loose enough so cams are still allowed to rotate. Verify cam washers reside in recesses of subframe brackets.



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

6. Lower vehicle
7. Adjust camber by rotating head of SPC cam bolt.
8. Once desired alignment spec is achieved, tighten nut to 100 ft-lb (136 Nm) while holding bolt head in place to preserve alignment settings.
9. Complete alignment and road test vehicle.

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



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4045 Specialty Pl • Longmont, CO 80504 • (303) 772-2103

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

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