

PART NO. 81535

Instruction Sheet KIT, CAM BOLT

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 bolt and cam per manufacturer's procedure.
3. If additional toe adjustment is needed beyond OE adjustment range, remove lower control arm per manufacturer's procedure and use SPC #85130 Rotary File Set or equivalent to elongate factory cam slot to edges of OE reaction brackets. If additional toe adjustment is not needed, skip to step 4.

NOTE: If slots are not elongated, cam will only rotate back and forth within OE adjustment range.

4. Pre-assemble SPC cam bolt by placing one cam washer onto bolt.
5. Install SPC #81535 cam bolt through suspension arm. Place second cam washer on bolt and install lock nut.
6. Tighten locknut until flush with cam but do not torque. Verify cam washers sit within reaction tabs of subframe.



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

7. Lower vehicle.
8. Adjust toe by rotating head of SPC cam bolt.
9. Once desired settings are obtained, tighten nut to **89 ft-lb [115 Nm]** while holding bolt head to preserve alignment settings.
10. Complete alignment and road test vehicle.

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



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