

PART NO. 82106

Instruction Sheet REAR CAM BOLT AND REPLACEMENT XAXIS

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 and securely support by frame.
2. If original cam bolt is seized in cross-axis joint, cut cross-axis joint and cam bolt, taking care not to damage rear crossmember. Remove upper control arm.
3. Press cross-axis joint from upper control arm.
4. Using SPC Bushing Press Adapter #29606 or equivalent, press SPC xAxis™ joint into upper control arm until centered.

NOTE: When pressing xAxis™ joint, only press on outer sleeve of joint.

5. Reinstall upper control arm and loosely tighten inner bolt.

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

6. Pre-assemble SPC cams by placing one cam onto each bolt.
7. Install SPC bolt/cam in outer position through xAxis™ joint.
8. Place second cam over protruding end of each bolt and install nut, loosely tighten.
9. Lower vehicle.
10. Tighten inner upper control arm bolt to OE specification.
11. Adjust alignment by turning head of bolts to achieve desired settings. Once desired setting is obtained, tighten nuts to **105 ft-lb [142 Nm]** while holding bolt head to preserve alignment settings.
12. Complete alignment and road test vehicle.

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



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