

PART NO. 25430

SPC PERFORMANCE®

Instruction Sheet REPLACEMENT CAMBER/ CASTER 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, and before beginning alignment.

1. Raise front of vehicle and properly support it by frame.
2. Pre-assemble SPC cam assembly by first installing #80002003 cam and then a tube spacer on each bolt.
3. One at a time, remove original cam assemblies from lower control arm and replace them with SPC assembly, installing new assemblies as shown (Figure 1).

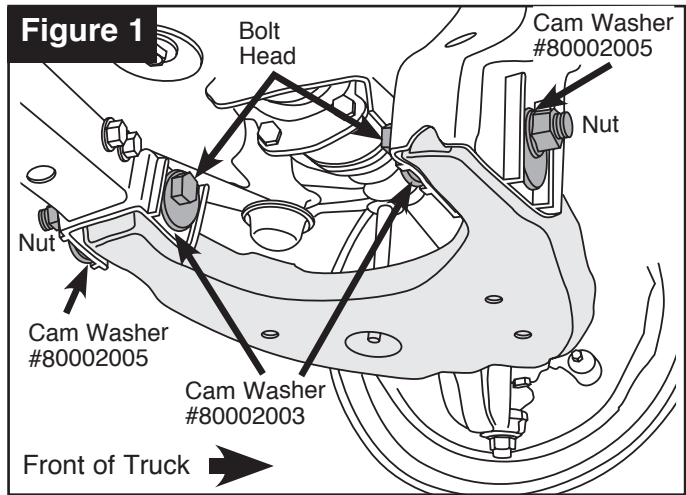
SPC tool 40915 may help with removal of OEM cams. However, if tubes are solidly seized in bushings, it may not be possible to remove them. To achieve camber/caster change, you may need to replace upper control arms with SPC Part No. 25460.

NOTE: The rear cams of each control arm are captured by the steering rack. To avoid removing rack, drive them rearward as far as possible and cut off protruding part of sleeve. This should allow the rest of sleeve to be driven out. Install SPC cam kit as shown in Figure 1.

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

5. Lower vehicle, jounce suspension, and use cams to adjust alignment to desired settings by turning the bolt.
6. Hold head of bolt and tighten nut to **80 ft-lb (108 Nm)** to lock settings.
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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