

PART NO. 86252

SPC PERFORMANCE

Instruction Sheet CAMBER / CASTER 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 and support front of vehicle by lifting under frame rail to unload front suspension.
2. Remove nut from forward lower control arm bolt.
3. Using lift, adjust vehicle height so lower control arm bolt turns freely in bracket.
4. Remove forward control arm bolt.
5. Using included template, carefully mark location of pilot hole on back side of frame pocket. Pilot hole should directly line up with OE hole on front side of pocket, or be appropriately located on other side of slot for ease of drilling access.
6. Center punch pilot hole location then drill hole using an 5/16" or 8mm drill.
7. Install "D" cam, then Reaction Plate on milled bolt.
8. Install bolt assembly in frame pocket through lower control arm bushing. Make sure pin in reaction bracket fits neatly into pilot hole.
10. Tighten nut lightly making sure both cams seat into their respective reaction bracket.
11. Repeat steps 4 thru 10 to replace rearward lower control arm bolt assembly.
12. Lower vehicle and adjust camber and caster.
13. Torque cam bolt nut to **198 ft-lb (268 Nm)**. Ensure suspension is at normal ride height before tightening.
14. Adjust toe, recheck alignment and road test vehicle.

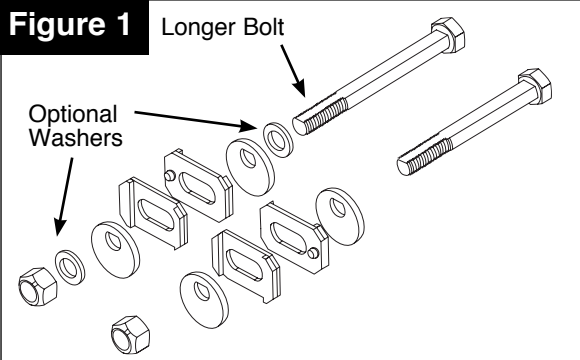
NOTE: If cam bolt and washer start to bind while rotating, it may be necessary to raise vehicle by frame to unload suspension and start with cam bolt positioned for most positive camber.

NOTE: There are two different length bolts included with kit. The longer bolt is installed in forward pocket.

9. Install reaction plate, then "D" cam on threaded side of bolt, making sure pin in reaction bracket fits neatly into pilot hole.

NOTE: Some vehicles may require provided washers to be installed on longer bolt as shown in Figure 1. Ensure at least two threads extend past nut when tightened and bolt kit clamps frame prior to torquing.

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



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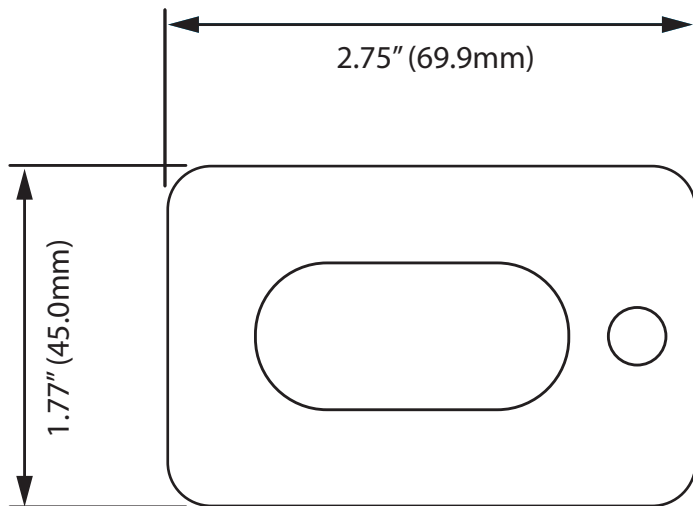
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PART NO. 86252

Instruction Sheet

CAM FRONT CAM/CAS KIT

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Template should be printed at 100% scale



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