

PART NO. 82120

Instruction Sheet CAMBER 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. Take initial alignment readings to determine amount of camber change needed.
2. Raise vehicle by chassis. Remove tire and wheel assembly.
3. Mount and zero SPC P/N 81139 Magnetic Adjustable Camber gauge or equivalent to brake rotor.



TECH TIP: Lightly tighten 2 lug nuts to prevent rotor from shifting.

4. Remove strut flange from knuckle assembly and, using SPC P/N 85130 Rotary File Set or equivalent, elongate lower strut flange holes enough so that ears on plate fit tight inside slot. Ensure elongated slot is as centered on original hole as possible.

NOTE: Some vehicles may already have lower strut hole elongated.

5. Re-install knuckle to strut flange with top bolt.
6. Install ears of cam plate into elongated hole. Install cam bolt through cam plate, strut flange, and knuckle assembly.
7. Install and tighten nuts onto bolts but keep loose enough to allow adjustment.
8. Adjust camber with head of bolt to desired camber change as indicated by SPC P/N 81139 gauge.
9. Once desired setting is obtained, tighten flange nuts to manufacturer's specifications while holding bolt head to preserve alignment settings.
10. Lower vehicle and settle suspension. Check camber. Repeat steps 8 & 9 if additional adjustment is needed.
11. Finish 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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