

PART NO. 87365

Instruction Sheet

FRONT 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.

Check out how to install this part at: <http://spc-tv.com>



Before beginning any alignment always check for loose or worn parts, tire pressure, and odd tire wear patterns.

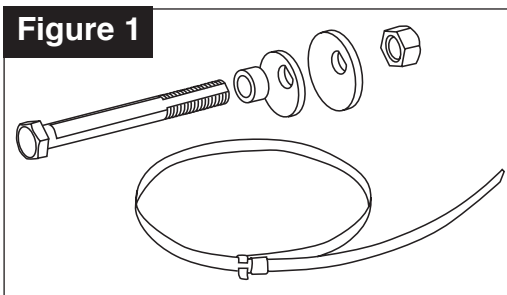
This kit is designed to extend the camber range by replacing the existing camber adjuster.

1. Raise front of vehicle by body just enough to relieve the load on the lower control arm. Leave the tire in contact with the ground.
2. Remove the inner steering rack boot clamp and slide the boot away from the steering rack.
3. Remove the nuts and the studs holding the steering rack to the frame.
4. Gently lift the steering rack just enough to gain access to the stock camber adjusting bolt.

Note: Use caution not to strain the steering rack connections or damage the steering rack shaft.

5. Loosen and remove the forward lower control arm stock camber adjusting bolt.
6. Carefully lift or lower the vehicle by the frame and pull the lower control arm down far enough to clear the mounting hole in the frame.
7. On the forward side of the frame and using the smaller of the two cam washers, lay the washer in the recess of the frame and mark the frame towards the center of the vehicle. This will extend the adjustment for positive camber change. If negative camber change is needed mark the frame away from the center of the vehicle.
8. Repeat the process with the larger cam washer on the rearward side of the frame.
9. Using the aluminum bit from the #85130 Rotary File Set or equivalent grind out the frame to the marks. Remove all burrs and sharp edges.
10. Position the lower control arm up into the frame. Install the spacer on the head of the bolt and then install the smaller cam washer on the bolt. From the front of the vehicle install the bolt through the frame and control arm bushing. Then install the larger cam washer and the nut. Tighten the nut lightly.

Figure 1



11. Reinstall the rack boot and secure with the boot clamp provided. Use tool #02099 or equivalent.
12. Reinstall the steering rack mounting fasteners and torque the nuts to 75 lb-ft.
13. Adjust camber by rotating the head of the bolt to the desired camber readings.
14. Tighten the nut to 125 lb-ft (169Nm).
15. Reset front toe and road test the vehicle.



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Printed in U.S.A

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