

PART NO. 86377

Instruction Sheet GM REPLACEMENT FRONT & REAR ALIGNMENT CAM

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.

For front suspension applications:

1. Raise vehicle by frame so suspension hangs free. Remove and replace one control arm bolt at a time.
2. Install cam bolts by placing one cam at head of each bolt. Make sure cam is oriented properly. Install this assembly, making sure pin on frame bracket is in cam slot, then install another cam and nut and tighten lightly.
3. Lower vehicle and settle suspension. Install, then compensate alignment equipment.
4. Adjust cams to desired front caster/camber settings and torque nuts to manufacturer's specifications while holding head of bolt steady.
5. Complete alignment and road test vehicle.

For Independent Rear Suspension Applications:

1. Raise vehicle by frame so suspension hangs free. If lower control arm is under spring tension, make sure to relieve the tension before attempting to remove any bolts. Remove and replace one control arm bolt at a time.
2. Install cam bolts by placing one cam at head of each bolt. Make sure cam is oriented properly. Install this assembly, making sure pin on frame bracket is in cam slot, then install another cam and nut and tighten lightly.
3. Lower vehicle and settle suspension. Install, then compensate alignment equipment.
4. Adjust cams to desired rear camber/toe settings and torque nuts to manufacturer's specifications while holding head of bolt steady.
5. Complete alignment and road test vehicle.

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



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