

# INSTRUCTIONS

## Rear Camber Shim For General Motors "E" and "K" Body Vehicles

Inspect vehicle for damaged or worn parts and replace as needed.

Take initial readings to determine the amount of camber change needed and select proper shim.

Raise vehicle in a safe manner and remove wheel assembly.

Next, remove rear disc brake caliper. **NOTE:** To speed removal of brake caliper and to eliminate disconnecting parking brake cable and lever, remove the two (2) mounting bolts holding caliper support bracket and slide total assembly off rotor.

(See figure 1) (Be sure brake caliper is supported so the weight of the caliper is not being held by brake line.)

Remove rear disc brake rotor.

Remove rear hub and bearing assembly.

Install selected shim in proper position. (See chart at end of this instruction sheet.)

Place shim behind rear hub and bearing assembly. (Check to be sure caliper bolt holes and protruding shim tab holes line up.)

Replace hub and bearing assembly and torque all four (4) bolts to 52 ft. lbs. (71 N.M.)

**(Installation tip):** When Re-installing rotor, secure rotor by replacing two (2)

lug nuts (in reverse position, flat side toward rotor) This holds rotor in place for re-installation of caliper assembly. Slide caliper assembly over rotor and torque caliper mounting bolts to 83 ft. lbs. (113 N.M.) Remove lug nuts securing rotor.

Replace wheel assembly and torque lug nuts to specifications.

Re-install alignment equipment and lower vehicle onto alignment rack.

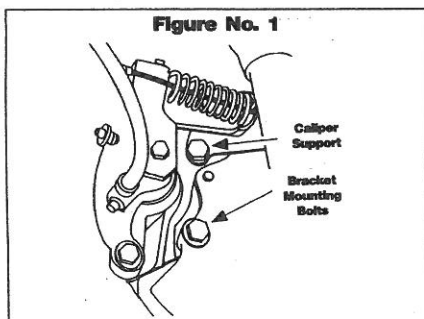
Re-check camber setting.

Repeat rear camber shim installation of other side of vehicle if necessary.

Adjust toe.

Proceed with alignment of front wheels.

Road test vehicle.



### —SHIM POSITIONING GUIDE:—

#### ***Camber Decrease***

Position selected shim with the letters "NEG" to the top. **NOTE:** Before installing shim on vehicle, cut off (along score line) and discard unneeded caliper shim tabs, as they are only needed when shim is mounted in reverse position for camber increase.

#### ***Camber Increase***

Position selected shim with the letters "POS" to the top. **NOTE:** Before installing shim on vehicle, cut off (along score line) and discard unneeded caliper shim tabs, as they are only needed when shim is mounted in reverse position for camber decrease.

**NOTE:** A DEFECTIVE AIR RIDE SYSTEM MAY CAUSE A CHANGE IN RIDE HEIGHT WHICH WILL EFFECT CAMBER READINGS. BE SURE THE AIR RIDE SYSTEM IS WORKING PROPERLY.

(See Alignment Specification Manual for checking procedures as well as rear toe setting procedures)