

Wheel Alignment

GENERAL MOTORS (Cont.)

determine existing caster. Combine frame angle with caster angle to determine corrected caster angle as follows:

- If frame is down in rear, frame angle must be subtracted from positive caster angle.
- If frame is down in rear, frame angle must be added to negative caster angle.

2) Measure distance from top of jounce bumper bracket on lower control arm to bottom of frame crossmember. Determine correct caster angle for measured clearance and adjust.

3) To increase caster, add shims between forward upper control arm attaching bolt and frame, or subtract shims from rear attaching bolt. To decrease caster, subtract shims from forward bolt, or add shims to rear bolt.

JEEP

ALL MODELS

CAMBER

Correct wheel camber of $1\frac{1}{2}^\circ$ for CJ and Scrambler models and 0° for all other models is preset at time of manufacture and cannot be adjusted. If not within limits, replace parts as required.

CASTER

Correct caster is preset at factory to 6° for CJ and Scrambler models, and 4° for all other models. Adjustment is made by inserting shim between spring and axle. To increase caster, insert thick portion toward rear of vehicle. To decrease caster, insert thick portion toward front of vehicle.

TURNING ANGLE ADJUSTMENT

1) The turning angle stop screws are located on back side of steering knuckle, just above axle centerline. To adjust, loosen lock nut on stop screw.

2) Using full-floating turn table under each wheel, adjust stop screw IN to increase turning angle and OUT to decrease turning angle. Tighten lock nut.

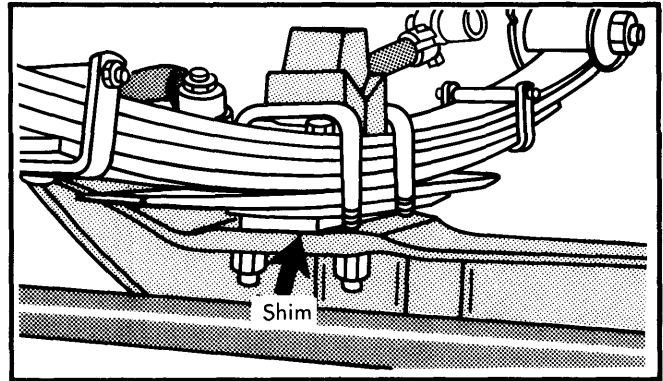


Fig. 1 Caster Adjustment

Turning Angle Adjustment

Application	Left Wheel	Right Wheel
CJ & Scrambler	31-32°	31-32°
All Others	37-38°	37-38°