

Wheel Alignment

INTERNATIONAL HARVESTER

IHC W/LEAF SPRINGS

CAMBER

Camber is preset at factory, and no adjustment is provided. If not within limits, replace parts as necessary to correct.

CASTER

Caster specifications are based on a vehicle design load, therefore frame must be level when caster is adjusted. Caster adjustment is accomplished by inserting a wedge between the spring and axle. To increase caster, insert wedge with thick portion toward rear of vehicle. To decrease caster, insert wedge with thick portion toward front of vehicle.

IHC W/COIL SPRING

AXLE GAP

Axle gap is clearance between top ridge of axle stop bracket and stop plate on underside of frame crossmember. Measure axle gap prior to making any alignment adjustments, as caster and camber are determined by axle gap.

CAMBER

Camber is controlled by eccentric bolts which mount upper control arm-to-frame. To increase camber, loosen eccentric bolt lock nuts and turn both bolts an equal amount to force

upper control arm outward. To decrease camber, turn both bolts an equal amount to pull upper control arm inward. **NOTE** – Turning both bolts an equal amount will change camber without affecting caster. Tighten eccentric bolt lock nuts 65-75 ft. lbs.

CASTER

Caster is controlled by eccentric bolts which mount upper control arm to frame. To obtain positive caster, loosen forward eccentric bolt lock nut and turn eccentric bolt to force forward part of control arm outward, or loosen rear eccentric bolt lock nut and turn eccentric bolt to pull rear of control arm inward. To obtain negative caster, loosen eccentric bolt lock nut and turn forward eccentric bolt to pull front part of control arm inward, or loosen rear eccentric bolt lock nut and turn bolt to force rear of control arm outward. Tighten eccentric bolt lock nut 65-75 ft. lbs.

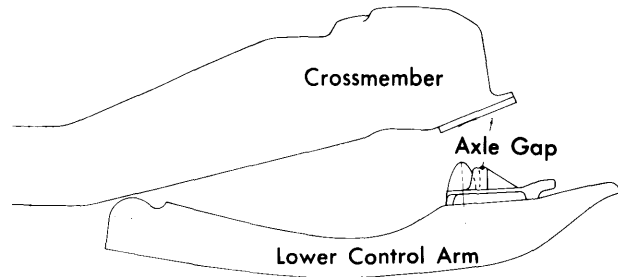


Fig. 1 Measuring Axle Gap

JEEP

ALL MODELS

CAMBER

Camber is preset at factory, and no adjustment is provided. If not within limits, replace parts as necessary to correct.

CASTER

Caster adjustment is accomplished by inserting shim between spring and axle. To increase caster, insert with thick portion toward rear of vehicle. To decrease, insert with thick portion toward front of vehicle.

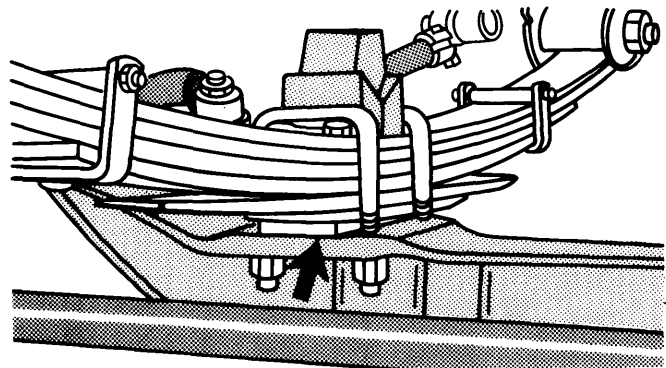


Fig. 1 Caster Adjustment