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## Rear Wheel Alignment

[Notes](#)

### CORVETTE

Rear wheel alignment should be checked and adjusted periodically, when rear [tires](#) indicate abnormal wear, or when suspension components are replaced. Prior to rear wheel alignment, check suspension components for damage or excessive wear and repair as needed. Also ensure tires are properly inflated, and [wheel bearing](#) endplay is within specifications.

### Camber, Adjust

Wheel camber is adjusted by rotating the eccentric cam and bolt located at the inboard end of the strut rod or spindle support rod. To check and adjust camber, proceed as follows:

1. Place rear [wheels](#) of vehicle on suitable alignment equipment following manufacturer's instructions, then check camber reading.
2. If wheel camber is not within specifications, loosen cam bolt retaining nut.
3. Rotate cam bolt until camber reading is within specifications listed at the front of this chapter.
4. Torque cam bolt nut to specifications while holding position of bolt, then recheck camber reading.

### TOE-IN ADJUST

#### 1982

Rear wheel toe-in is adjusted by inserting slotted shims of varying thickness inside the frame side member on both sides of the torque control arm pivot bushing. Shims are available in thicknesses of 1/64 inch, 1/32 inch, 1/8 inch and 1/4 inch.

To adjust, loosen torque arm pivot bolts until shims are free enough to remove. Position torque arm assembly until toe-in is within specifications listed in the front of this chapter. Shim gap toward vehicle centerline between end of control arm bushing and frame side inner wall.