

# Wheel Alignment

## ALFA ROMEO SPECIFICATIONS & ADJUSTMENTS

### TIRE INFLATION (COLD)

Before attempting to check or adjust wheel alignment, check that tire pressures are to specifications given on driver's door lock pillar.

### RIDING HEIGHT

Before attempting to check or adjust riding height, vehicle must be in static loaded condition. To load vehicle, fuel tank must be full, and weights placed in vehicle to simulate full passenger load (620 lbs. on 4 Dr. and 310 lbs. on 2 Dr.). Disconnect front and rear shock absorbers. Disconnect stabilizer rods of front and rear suspension. Bounce vehicle several times and allow suspension to take up a static position.

#### Riding Height Dimensions

Application	In. (mm)
All Models	
Front .....	2.13±.20 (54±5)
Rear .....	①1.34±.20 (34±5)

① — Set GT models to 1.73±.20" (44±5 mm).

**All Models (Front)** — Measure distance from lower control arm bushing to floor and from bottom of steering knuckle to floor. The difference between these two measurements should coincide with specifications. If adjustment is necessary, remove spring on affected side. See *Alfa Romeo in SUSPENSION Section*. Using suitable spacer between spring and its seat, adjust height to specifications. After reinstalling spring, check front suspension height.

**All Models, Rear** — Measure distance between rear axle housing and rubber bumper pad. If measurement is not within specifications, remove spring on affected side. See *Alfa Romeo in SUSPENSION Section*. Using suitable spacer between spring and its seat, adjust height to specifications. After reinstalling spring, recheck clearance.

### CASTER

Caster angle should be checked under static load with shock absorbers disconnected at one end. Difference in caster angle between left and right front wheels, should not exceed 0°20'. If caster angle is not within specifications, loosen lock nuts on upper control arm strut rods and lengthen or shorten strut rods to obtain specified angle. Retighten lock nuts.

### CAMBER

Camber angle difference between left and right front wheels should not exceed 2/3°. Adjust camber angle to specifications by adding or removing shims between lower control arm and frame.

### TOE-IN

Place wheels in straight-ahead position and measure toe-in. If toe-in is not to specifications, adjust by loosening lock nuts and adjusting tie-rods. Tighten lock nuts and recheck toe-in.

### WHEEL ALIGNMENT SPECIFICATIONS

Application	Caster (Degrees)	Camber (Degrees)	Toe-In (Inches)	Toe-Out On Turns (Degrees)	
				Inner	Outer
All Models	4½ ± ½	1/3 ± ½	5/64	.....	.....