

Wheel Alignment

8-7

COLT SPECIFICATIONS & ADJUSTMENTS

TIRE INFLATION (COLD)

Before attempting to check or adjust wheel alignment, ensure that tires are properly inflated. Refer to specifications in owners handbook.

CASTER

Caster is nonadjustable. If not within specifications, check front suspension for damage. Repair or replace parts as necessary.

CAMBER

Camber is nonadjustable. If not within specifications, check front suspension for damage. Repair or replace parts as necessary.

TOE-IN

Position wheels in straight-ahead position. If toe-in is not within specifications, loosen locking nuts on tie rod turn buckels. To adjust, rotate turn buckels until toe-in is within specifications. Tighten lock nuts. *NOTE* — Adjustment must be made equally to both sides of vehicle to maintain correct wheel lock angles; difference of tie rod length when adjusted should not exceed .20".

WHEEL ALIGNMENT SPECIFICATIONS					
Application	Caster (Degrees)	Camber (Degrees)	Toe-In (Inches)	Toe-Out On Turns (Degrees)	
				Inner	Outer
Colt	① $1\frac{1}{4} \pm \frac{1}{2}$	① $\frac{5}{6} \pm \frac{1}{2}$	$\frac{3}{64}$ to $\frac{13}{64}$	② 36 to 39	③ 29 to 32

- ① — Max. variation between wheels $\frac{1}{2}^\circ$.
- ② — Difference between right and left wheels within 2° .
- ③ — Difference between right and left wheels within 1° .