

AUDI SPECIFICATIONS & ADJUSTMENTS

TIRE INFLATION (COLD)

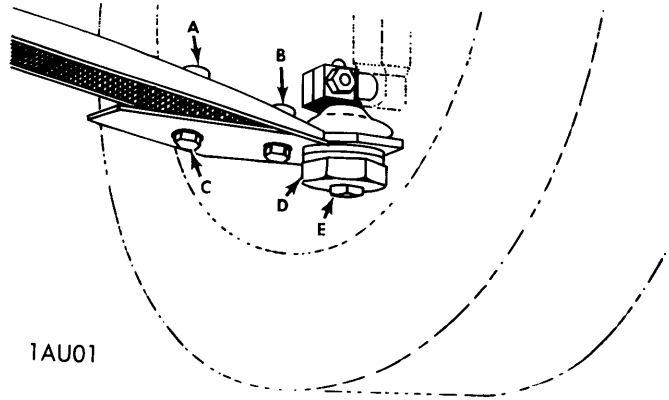
Before attempting to check and adjust wheel alignment, make sure tires are properly inflated. Model 100 requires 28 psi in front and 26 psi in rear. Fox requires 28 psi in front and 24 in rear.

CASTER

Fox — Caster angle is not adjustable. However, if not to specifications, check suspension for wear or damage and repair or replace necessary components.

Model 100 — Caster is determined from difference in camber at 20° left and 20° right wheel lock. Caster is negative if the left wheel at right lock shows larger camber than at left lock. Caster is considered positive if left wheel at left lock shows a larger camber than at right lock. Adjust by loosening lock nut "D" and turning eccentric bolt "E". Be sure to adjust equally on both sides and retighten lock nut (see illustration).

Model 100 — With wheel in straight-ahead position, measure camber angle. If not to specifications, adjust by loosening lock nut "B", and bolt "C", and turning eccentric nut "A".



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CASTER & CAMBER ADJUSTING POINTS 100LS

CAMBER

Fox — With vehicle loaded down or placed on blocks, measure camber angle. If not to specifications, adjust by loosening ball joint mounting bolts and moving ball joint sideways on control arm until correct camber is obtained. Tighten ball joint mounting bolts and recheck camber angle.

TOE-IN

All Models — Before checking toe-in, check wheel rim run-out and replace rim if necessary. If toe-in is not to specifications, adjust by loosening tie rod outer locking nut and clamp and turning tie rods until correct toe-in is obtained. Tighten lock nut and clamp and recheck toe-in.

WHEEL ALIGNMENT SPECIFICATIONS

Application	Caster (Degrees)	Camber (Degrees)	Toe-In (Inches)	Toe-Out On Turns (Degrees)	
				Inner	Outer
Fox	$\frac{1}{2} \pm \frac{1}{2}$	$\frac{1}{2} \pm \frac{1}{3}$	0 to $\frac{1}{3}$
Model 100	$\frac{1}{10} \pm \frac{1}{3}$	$\frac{1}{6} \pm \frac{1}{3}$	0 to $-\frac{1}{3}$