VOLVO SPECIFICATIONS & ADJUSTMENTS

TIRE INFLATION (COLD)

Before attempting to check or adjust wheel alignment, make sure tires are properly inflated. Refer to manufacturers specifications given in owner's manual.

CASTER

164 Series – If caster is not within specifications, loosen bolts at upper control arm shaft using suitable tool (SVO 2713). Increase caster angle by adding shims at rear bolt or by removing shims from front bolt. To decrease caster angle, remove shims at front bolt or add shims to rear bolt. Tighten bolts and recheck caster angle.

240 Series – If caster is not within specifications, loosen nuts at strut assembly upper attachment. Use a special tool (9995038) at strut upper attachment to adjust caster to specifications, then tighten nuts and recheck caster.

CAMBER

164 Series – If camber is not within specifications, loosen bolts at upper control arm shaft using suitable tool (SVO 2713). To increase camber angle, remove equal amount of shims from front and rear bolts. To decrease camber angle, add shims to front and rear bolts in equal amounts. Tighten bolts and recheck camber angle.

240 Series – *See 240 Series procedure under Caster adjustment.*

TOE-IN

All Models – Place wheels in straight-ahead position and loosen lock nuts on steering links (tie rods). To adjust toe-in, rotate adjustable sleeves until correct toe-in is obtained. 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
164 Series	2 ± 1/2	1/4 ± 1/4	1/8	22.5	20
240 Series	2 1/2 ± 1/2	1 1/4 ± 1/4	1/4	.....	.....