

Wheel Alignment

1966-73 BMW SPECIFICATIONS & ADJUSTMENTS

TIRE INFLATION (COLD)

Before attempting to check or adjust wheel alignment, ensure that tires are properly inflated.

Tire Pressure Specifications

Model Identification	Front	Rear
1600 Series & 2002		
Standard Tires	24	24
Radial Tires	26	26
2500, 2800 & Bavaria		
Standard Tires	27	26
Radial Tires	28	27
3.0 Series	28	28

CASTER & CAMBER

All Models – Before checking caster and camber, vehicle must be in loaded condition. Loaded condition consists of two 143 lbs. weights on front seat, one 143 lbs. weight on rear seat, gas tank full and 66 lbs. on left side of luggage compartment. If caster and camber are not within specifications check suspension for damage. Repair or replace parts as necessary.

TOE-IN

All Models – Before checking toe-in, vehicle must be in loaded condition (see Caster & Camber). Check toe-in with front wheels in straight ahead position. If not within specifications, loosen tie rod clamping bolts. Rotate both tie rod tubes until toe-in is within specifications. Tighten clamping bolts.

WHEEL ALIGNMENT SPECIFICATIONS					
R – Right F – Front Rr – Rear L – Left Man – Man Steering Pwr – Power Steering	Caster (Degrees)	Camber (Degrees)	Toe-In (Inches)	Toe-Out On Turns	
				Inner	Outer
1966-72					
1600 & 2002					
Front	+4° ± 30'	0° 30' ± 30'	.04 ± .04	.....	.....
Rear	.....	-2° ± 30'	.06 ± .06	.....	.....
Sport Coupe					
Front	+9° 30' ± 30'	0° ± 30'	.04 ± .04	.....	.....
Rear	.....	-1° 30' ± 30'	.06 ± .06	.....	.....
All Others					
Front	+9° 30' ± 30'	0° ± 30'	.04 ± .04	.....	.....
Rear	.....	-2° ± 30'	.06 ± .06	.....	.....
1973					
2002					
Front	4° ± 30'	0° 30' ± 30'	.04 to .098	1°	.....
Rear	.....	-2° ± 30'	0 to .12	.....	.....
3.0 Series					
Front	9° 30' ± 30'	0° ± 30'	0 to .08	1° 30'	.....
Rear	.....	② 2° ± 30'	① 0 to .08	.....	.....

- ① – Unloaded.
- ② – 3.0 CS & CSI 1° 30' ± 30'.