

Wheel Alignment

1971-73 MAZDA SPECIFICATIONS & ADJUSTMENTS

TIRE INFLATION (COLD)

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

Tire Pressure Specifications (psi)

Model Application	Front	Rear
RX2, RX3	21	21
1200	20	20
R100	26	26
808	22	24
B1600	25	45

CASTER

All Models Exc. B1600 – Caster is nonadjustable. If alignment is not within specifications, inspect for damaged parts and replace as necessary.

B1600 – To adjust, change shims between upper arm shaft and the support bracket or turn the upper arm shaft until specifications are obtained.

CAMBER

All Models Exc. B1600 – Camber is nonadjustable. If alignment is not within specifications, inspect for damaged parts and replace as necessary.

B1600 – To adjust, change shims between upper arm shaft and the support bracket until specifications for camber are within limits.

TOE-IN

All Models – Position wheels to center position and loosen tie rod locking nuts at each end of tie rod. Check that tie rod ends are in the same position on each rod ensuring that the tie rods are the same length. Turn tie rods by equal amounts until the toe-in is within specifications. Tighten locking nuts.

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
1971-72					
RX2	1°	-1/4°	-.16 to .08	43°	31°
RX3	1 1/4°	2/3°	0 to .24	40 1/6°	34 1/10°
R100	2°	1°	.04 to .12	42 1/3°	31 5/8°
B1600	1° ± 1/3°	1 1/3° ± 1/3°	0 to .24	36°	33 1/6°
616 Sedan	3/4°	-1/4°	-.16 to .08	43°	31°
616 Coupe	1°	-1/4°	-.16 to .08	43°	31°
808	1 1/4°	2/3°	0 to .24	39 1/6°	34 1/6°
1200	2 1/2°	1°	.12 ± .12	45 1/3°	31 2/3°
1973					
RX2	1° ± 3/4°	3/4°	0 to .24	43°	31°
RX3	1 1/4°	3/4°	0 to .24	40 1/6°	34 1/6°
B1600	1° ± 1/3°	1 1/3° ± 1/3°	0 to .24	36°	33 1/6°
808	1 1/4°	2/3°	0 to .24	39 1/6°	34 1/6°