

# Service Bulletin

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# MAZDA

Category N	Applicable Model/s See Below	Subject ALIGNMENT SPECIFICATIONS	Bulletin No. 001/95
			Issued 1/19/95
			Revised

**NOTE:** This bulletin was originally released as Cat. N, #003/94. Replace the original bulletin with this revised copy.

## APPLICABLE MODELS

All models except Navajo and 1994 and on B-Series

## DESCRIPTION

This bulletin provides background information on standard specification and measuring conditions for wheel alignment.

Measured values are not absolute. Variations occur between technician, equipment and the condition of the vehicle at the time of measurement. To avoid unnecessary adjustments, specifications and measurement conditions have been changed in the workshop manual. These changes are described below.

**NOTE:** Changes in the specifications do not imply that alignment tolerances have increased during production.

Vehicle alignment is set to the median specifications during production and technicians should also use median specifications during alignment adjustment.

## NEW SPECIFICATIONS

ITEMS		STANDARD TOLERANCE	NOTE
Front	Camber (Difference between right and left)	+/- 1 (+/-1.5) degrees	
	Caster (Difference between right and left)	+/- 1 (+/-1.5) degrees	
	Toe (Total toe-in)	+/- 4mm (Angle indicated is also described)	One side toe is not mentioned. (No specification)
Rear	Camber (Difference between right and left)	+/- 1 (+/-1.5) degrees	
	Toe (Total toe-in)	+/- 4mm (Angle indicated is also described)	One side toe is not mentioned. (No specification)
	Thrust Angle	+/-0.8 degrees	

**NOTE:** Each vehicle varies in specification median. Refer to the workshop manual for each vehicle's specification.

## VEHICLE PREPARATION AND CONDITION

1. The vehicle should have:

- No Passengers
- No Luggage
- Gas Tank Full, Radiator and Engine Oil To The Specified Levels
- Spare Tire, Jack And Tools Stored In Designated Areas
- Tire Pressure Checked And, If Necessary, Adjusted.

**NOTE:** If the specifications are different (depending on load conditions), adjust the pressure for the lightest load.

**IMPORTANT:** Service and Parts Managers should read this bulletin carefully, sign and convey all information to those concerned.

Signature \_\_\_\_\_

Service Manager

Signature \_\_\_\_\_

Parts Manager

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2. The table below contains examples of front caster specifications based on fuel tank level.

Fuel Gauge Indication	Front Caster (Shown in degrees, minutes)
Empty	3 degrees 05' to 5 degrees 05"
1/4	3 degrees 10' to 5 degrees 10"
1/2	3 degrees 15' to 5 degrees 15"
3/4	3 degrees 20' to 5 degrees 20"
Full	3 degrees 25' to 5 degrees 25"

**NOTE:** Specifications may differ between models.

3. Follow the operating procedures specified for the alignment equipment being used.
4. Prior to measuring the current settings, firmly push the vehicle bumper up and down to stabilize the vehicle's height.