

Service Bulletin

Mazda North American Operations
Irvine, CA 92718-2906



Category N (06)	Applicable Model/s All Models (Ex. Nav. & B-Ser.)	Subject STEERING WHEEL SLIGHTLY OFF CENTER	Bulletin No. 001/98
			Issued 04/15/98
			Revised

NOTE: This bulletin replaces bulletin 001/94, 005/95 and 001/96(all in Category N). Please make a note of this in your respective bulletin books.

APPLICABLE MODELS

All Models except the Navajo and B-Series.

DESCRIPTION

Some vehicles may have an off center steering wheel but no right or left hand pulling. Customers complaining of this concern should have the vehicle inspected and if necessary, repaired according to this bulletin.

REPAIR PROCEDURE

1. Test drive the vehicle on a straight road.
2. Place the steering wheel in a neutral position. Do not apply any turning effort.
 - If the vehicle tracks straight and the steering wheel is NOT in a centered position, proceed to step 3.
3. Use the outside circumference of the steering wheel to measure the distance between the center position and the neutral position.
 - If the measurement is more than 30mm (1.18in) remove the steering wheel and install it in the centered position. Refer to the workshop manual for removal and installation procedures.
 - If the measurement is less than 30mm (1.18in):
 - a) Loosen both right and left hand tie-rod end lock nuts.
 - b) Turn the tie-rod ends in **opposite directions by equal amounts**, until the steering wheel is centered.
3. Verify the repair.

The chart below shows the approximate distance the outside diameter will move for every 1/4 (90 degree) turn of the tie-rod end.

Model	Approximate Distance
1990 -98 323/Protege	8mm (with PS) 11-12mm (without PS)
1992 - 95 MX-3	8mm (4cyl.) 7mm (6 cyl.)
1993 - 95 RX-7	7mm
1993 - 97 626 / MX-6 1998 626	9 - 10mm
1992-95 929	11mm
1989 - 98 MPV	13mm (4x2) 12mm (4x4)
1990 - 98 MX-5 1999 MX-5	8mm (with PS) 10mm (without PS)
1995 - 98 Millenia	10mm

WARRANTY INFORMATION

(Applies To Verified Customer Complaints On Vehicles Covered Under Normal Warranty. Refer To The SRT Microfiche For Warranty Term Information.)

Warranty Type: A
Symptom Code: 30
Damage Code: 9H
Part Number Main Cause: 5555-FE-001
Quantity: 0
Operation Number: XX0640RX
Labor Hours: 0.5 Hrs.

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CONSUMER NOTICE: The information and instructions in this bulletin are intended for use by skilled technicians. Mazda technicians utilize the proper tools / equipment and take training to correctly and safely maintain Mazda vehicles. These instructions should not be performed by "do-it-yourselfers." Customers should not assume this bulletin applies to their vehicle or that their vehicle will develop the described concern. To determine if the information applies, customers should contact their nearest authorized Mazda dealership.