

**2008
Mazda3 MAZDASPEED3
Mazda5
Mazda MX-5
Mazda6
Mazda CX-7
Mazda RX-8
Mazda CX-9**

Service Highlights

FOREWORD

This manual explains components, system operations and functions for the Mazda3, MAZDASPEED3, Mazda5, Mazda MX-5, Mazda6, Mazda CX-7, Mazda RX-8, Mazda CX-9.

For proper repair and maintenance, a thorough familiarization with this manual is important, and it should always be kept in a handy place for quick and easy reference.

All the contents of this manual, including drawings and specifications, are the latest available at the time of printing. As modifications affecting repair or maintenance occur, relevant information supplementary to this volume will be made available at Mazda dealers. This manual should be kept up-to-date.

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**Mazda Motor Corporation
HIROSHIMA, JAPAN**

APPLICATION:

This manual is applicable to vehicles beginning with the Vehicle Identification Numbers (VIN), and related materials shown on the following page.

**Mazda3
MAZDASPEED3**

Mazda5

Mazda MX-5

Mazda6

Mazda CX-7

Mazda RX-8

Mazda CX-9

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Mazda RX-8

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SUSPENSION

02
SECTION

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02-00 OUTLINE

SUSPENSION FEATURES	02-00-1
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SUSPENSION FEATURES

id020000100200

Improve reliability	<ul style="list-style-type: none">• Tire pressure monitoring system (TPMS) control specification changed
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02-02 ON-BOARD DIAGNOSTIC

ON-BOARD DIAGNOSTIC SYSTEM
FUNCTION (TIRE PRESSURE
MONITORING SYSTEM)..... 02-02-1

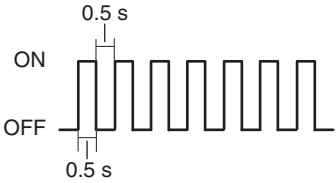
Applied VIN (assumed):
JM1 FE17***# 214537-.....02-02-1
DTC TABLE.....02-02-1

ON-BOARD DIAGNOSTIC SYSTEM FUNCTION (TIRE PRESSURE MONITORING SYSTEM)

id020200100200

- Applied VIN (assumed): JM1 FE17***# 214537-
- DTC U0073, U0100 and U2023 have been added.
 - DTC U0516 and U1900 have been eliminated.

DTC TABLE

Malfunction location	DTC	TPMS warning light illumination condition	TPMS warning light illumination pattern
CAN system communication error	U0073	Illuminated	
Communication error to PCM	U0100		
Abnormal message from PCM	U2023		

HEATER, VENTILATION & AIR CONDITIONING (HVAC)

07

SECTION

OUTLINE07-00

CONTROL SYSTEM 07-40

07-00 OUTLINE

HVAC ABBREVIATION07-00-1

HVAC FEATURES 07-00-1

HVAC ABBREVIATION

id070000100100

A/C	Air Conditioning
MAX	Maximum

HVAC FEATURES

id070000100200

Improved Marketability	• MAX-A/C control added.
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07-40 CONTROL SYSTEM

A/C AMPLIFIER FUNCTION. 07-40-1

MAX-A/C Control.07-40-1

A/C AMPLIFIER FUNCTION

id074000356300

MAX-A/C Control

- If the mode dial is in the VENT or BI-LEVEL position, the fan switch is on, and temperature setting dial is set to MAX COLD, the A/C turns on, and the system automatically switches to RECIRCULATE.

