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| Subject: MAZDA SPECIAL PROGRAM (MSP16) - ENGINE LACK OF POWER - PCM RE-FLASH | Bulletin No: 01-013/08 |
| | Last Issued: 03/14/2008 |

APPLICABLE MODEL(S)/VINS

2004-2008 RX-8 vehicles, produced from April 10, 2003 through November 9, 2007

- VIN Range: JM1 FE17** 40100053 - 80215462

DESCRIPTION

Some 2004-2008 RX-8 vehicles may experience a lack of engine power and/or low/rough engine idle speed in high ambient temperatures. A revised PCM calibration is available which increases metering oil lubrication amount during engine start and changes ignition timing control during high ambient air temperature conditions.

NOTE:

- UNDER THE MAZDA SPECIAL PROGRAM (MSP16), ALL CURRENT DEALER INVENTORY AND RETAILED VEHICLES FOUND TO BE WITHIN THE ABOVE VIN RANGE, AND PRODUCED BETWEEN APR. 10, 2003 THROUGH NOV. 9, 2007, MUST BE INSPECTED AND REPAIRED ACCORDING TO THE INSTRUCTIONS CONTAINED IN THIS SERVICE BULLETIN.
- BEFORE PERFORMING ANY REPAIR, VALIDATE THAT THE VEHICLE IS APPLICABLE TO THIS PROGRAM BY PERFORMING AN "eMDCS WARRANTY VEHICLE INQUIRY" AND VERIFYING THE VEHICLE DISPLAYS CAMPAIGN "MSP16" AND ITS CAMPAIGN STATUS DISPLAYS "OPEN". SEE "VEHICLE INSPECTION PROCEDURE" BELOW.

DEALER INVENTORY:

Inspect and repair if necessary, all applicable vehicles currently in dealer inventory according to the procedures contained in this service bulletin.

RETAIL VEHICLES:

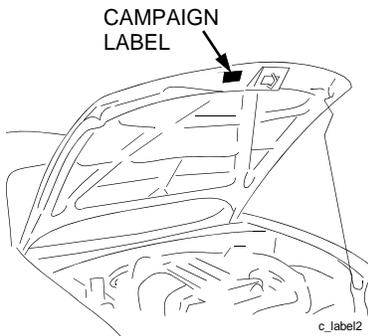
When an applicable retail vehicle is brought into the dealer for any type of repair or scheduled maintenance, perform an eMDCS Warranty Vehicle Inspection and check the status of MSP16. If status of MSP16 is "OPEN" inspect and repair if necessary, the vehicle according to the procedures contained in this service bulletin.

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. Mazda North American Operations reserves the right to alter the specifications and contents of this bulletin without obligation or advance notice. All rights reserved. No part of this bulletin may be reproduced in any form or by any means, electronic or mechanical---including photocopying and recording and the use of any kind of information storage and retrieval system ---without permission in writing.

VEHICLE INSPECTION PROCEDURE

1. Verify the vehicle is within one of the following VIN ranges and produced between April 10, 2003 through November 9, 2007:
 - VIN Range: JM1 FE17** 40100053 - 80215462
 - If the vehicle is within the above VIN ranges, and produced between April 10, 2003 through November 9, 2007, proceed to Step 2.
 - If the vehicle is not within one of the above VIN ranges, and not produced between April 10, 2003 through November 9, 2007, return the vehicle to the customer or inventory.
2. Perform a Warranty Vehicle Inquiry using your eMDCS System and inspect the vehicle for a Campaign Label **MSP16** attached to the vehicle's hood. Refer to eMDCS System - Warranty Vehicle Inquiry Results table below.

NOTE: Verify the campaign number as the vehicle may have multiple labels.



eMDCS System - Warranty Vehicle Inquiry Results

| If eMDCS displays: | Campaign Label is: | Action Required: |
|---|--------------------|---|
| "Campaign: MSP16 Open" | Present | Contact the Mazda Corporate Dealer Assistance Group at (877) 727-6626 to update vehicle history |
| | Not present | Proceed to "REPAIR PROCEDURE" |
| "Campaign: MSP16 Closed" | Present | Return vehicle to inventory or customer |
| | Not present | Complete a label and apply it to vehicle's hood |
| "Campaign: MSP16 Open" or "Closed" is not displayed | Does not apply | Campaign does not apply to this vehicle. Return the vehicle to inventory or customer |

6. Fill out a blue “Campaign Label” (9999-95-065A-05) with the Campaign No: “MSP16”, your dealer code, today’s date, and affix it to the vehicle’s hood.

CAMPAIGN LABEL

CAMPAIGN NO: _____

DEALER CODE: _____

DATE: / /

P/N 9999-95-065A-05

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7. Return the vehicle to the customer.

CALIBRATION INFORMATION

| Year / Transmission | New PCM Calibration Part Number | File Name |
|---------------------|---------------------------------|--------------|
| 2004 | | |
| M/T - All | N3Z2-18-881U | SW-N3Z2EU000 |
| A/T - All | N3Z1-18-881V | SW-N3Z1EV000 |
| 2005 | | |
| M/T - Calif. | N3ZD-18-881H | SW-N3ZDEH000 |
| A/T - Calif. | N3ZC-18-881J | SW-N3ZCEJ000 |
| M/T - Fed. | N3ZB-18-881H | SW-N3ZBEH000 |
| A/T - Fed. | N3ZA-18-881J | SW-N3ZAEJ000 |
| 2006-2008 | | |
| M/T - Calif. | N3M1-18-881K | SW-N3M1EK000 |
| A/T - Calif. | N3M2-18-881M | SW-N3M2EM000 |
| M/T - Fed. | N3M5-18-881K | SW-N3M5EK000 |
| A/T - Fed. | N3M6-18-881M | SW-N3M6EM000 |

NOTE:

- The PCM Calibration Part Numbers listed above are provided for PCM reprogramming purposes only. These are not necessarily the same Mazda part numbers used to order an actual PCM through the Mazda Parts System. It is not necessary to order a PCM as part of this repair procedure.

WARRANTY INFORMATION

NOTE:

- Refer to the Warranty Wizard for warranty term information.
- Additional diagnostic time cannot be claimed for this repair.

| | |
|--------------------------------|--------------------|
| Warranty Type | A |
| Symptom Code | 99 |
| Damage Code | 99 |
| Process Number | A0805A |
| Part Number Main Cause | 7777-18-029 |
| Quantity | 0 |
| Operation Number / Labor Hours | XXD0ZFX / 0.3 Hrs. |