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<b>Subject:</b>  MIL ILLUMINATED - P0455 SET	<b>Bulletin No:</b> 01-040/09
	<b>Last Issued:</b> 10/05/2009

## BULLETIN NOTE

- This bulletin supersedes the previous bulletin 01-020/07 issued on 05/24/07 and 5/25/07 and 01-040/09 issued on 9/16/09 and 10/02/09. The WARRANTY INFORMATION has been revised.
- Changes are noted below in Red beside the change bar.

## APPLICABLE MODEL(S)/VINS

2007 CX-7 vehicles with VINs from JM3 ER\*\*\*\* \*\* 100057 to 128616

2006-2007 MX-5 vehicles with VINs from JM1 NC\*\*\*\* \*\* 111723 to 125568

2006-2007 RX-8 vehicles with VINs from JM1 FE\*\*\*\* \*\* 200012 to 208462

## DESCRIPTION

Some vehicles may experience MIL illumination with DTC P0455 stored in memory due to improperly tightened fuel filler cap.

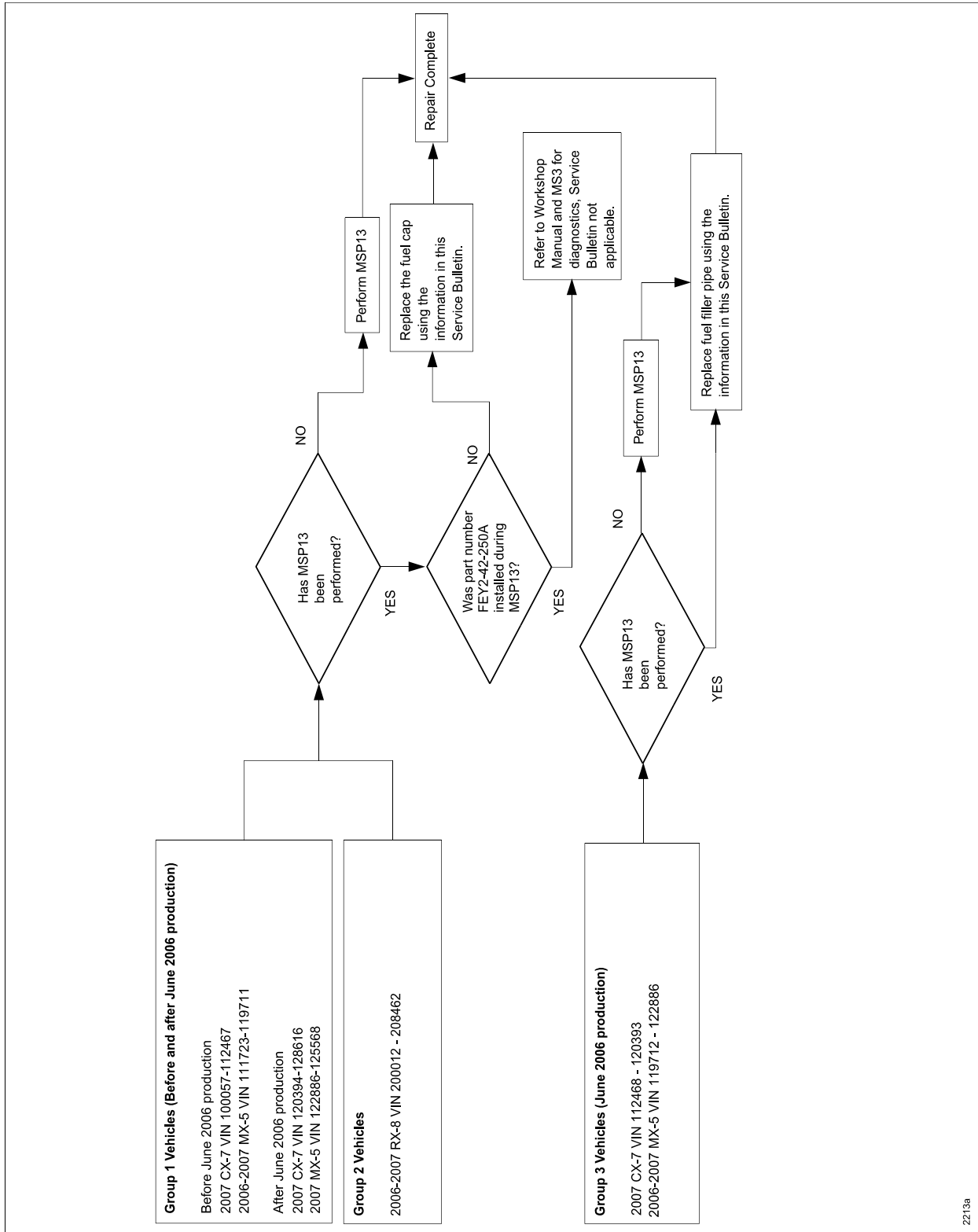
- P0455 - EVAP System Leak Detected (Large Leak)

Some fuel filler pipes may be out of specification and in some cases, may not allow the fuel filler cap to be fully tightened. As a mass-production change, the fuel filler pipe and the fuel cap have been modified. Depending on the vehicle VIN range, either the fuel filler pipe and/or fuel cap may need to be replaced.

Customers having this concern should have their vehicle repaired using the following flow chart and repair procedure.

**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.

# REPAIR PROCEDURE



1. Verify customer concern.
2. Perform MSP13 and/or replace the fuel cap or fuel filler pipe according to the chart. For fuel filler pipe, refer to MS3 online instructions or Workshop Manual section 01-14 FUEL TANK REMOVAL / INSTALLATION.
3. Verify repair.

## PART(S) INFORMATION

Part Number	Description	Qty.	Notes
EG21-42-210F	Filler Pipe	1	CX-7
NF79-42-210E	Filler Pipe	1	MX-5
FE01-42-210G	Filler Pipe	1	RX-8
FEY2-42-250A	Fuel Cap	1	CX-7, MX-5, RX-8

## WARRANTY INFORMATION

### NOTE:

- This warranty information applies only to verified customer complaints on vehicles eligible for warranty repair.
- This repair will be covered under Mazda's New Vehicle Limited Warranty term.
- Additional diagnostic time cannot be claimed for this repair.

	CX-7, MX-5	RX-8
Warranty Type	A	A
Symptom Code	99	99
Damage Code	99	99
Process No.	A0685B	A0685B
Part Number Main Cause	SEE PART(S) INFORMATION	FE01-42-210F
Quantity	1	1
Operation Number / Labor Hours:	XXB494R1 / 0.5 Hrs. (filler pipe) XXE49XRX / 0.2 Hrs. (fuel cap) <b>Note: Filler pipe is only for vehicles in Group 3 - see flowchart.</b>	XXE49XRX / 0.2 Hrs. (fuel cap)