

Service Bulletin

Mazda North American Operations
Irvine, CA 92618-2922



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Subject: WHITE OR BLUE SMOKE FROM TAIL PIPE AFTER LONG IDLE PERIOD - (OIL CHANGE PROGRAM TERMINATION)	Bulletin No: 01-004/10
	Last Issued: 08/18/2010

BULLETIN NOTE

- This bulletin supersedes the previous bulletin 01-004/10 issued on 01/07/10 and 02/17/10. The DESCRIPTION, INSPECTION PROCEDURE, PART(S) INFORMATION and WARRANTY INFORMATION have been revised.
- Changes are noted below in Red beside the change bar.

APPLICABLE MODEL(S)/VINS

2007-2009 CX-7 vehicles with VINs lower than JM3ER****9*224013 (produced before July 1, 2008)

2007-2008 Mazdaspeed3 vehicles produced before July 1, 2008

2006-2007 Mazdaspeed6

DESCRIPTION

Some customers may experience white/blue smoke from the exhaust pipes after long idle periods or while driving at slow speeds in heavy traffic.

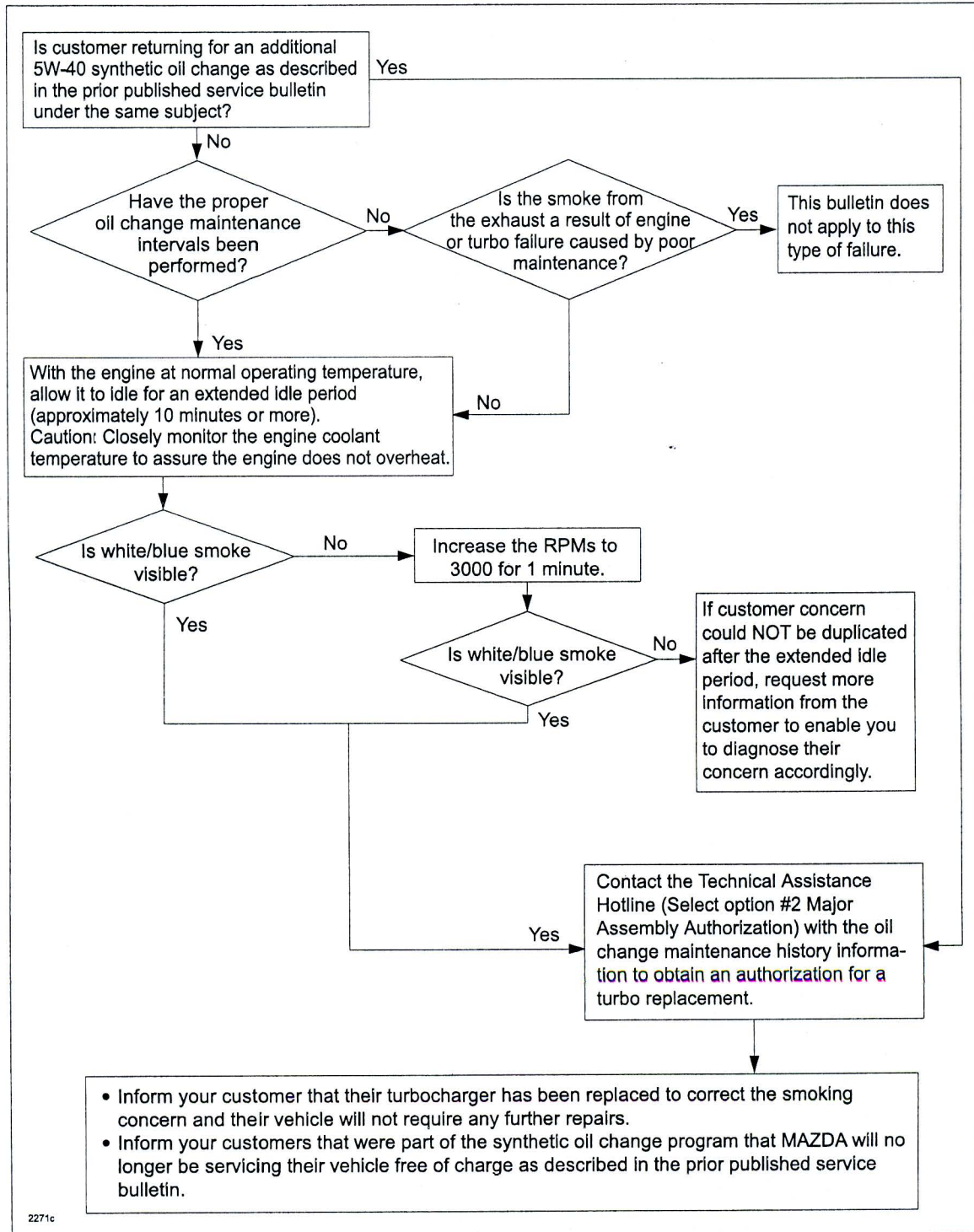
Customers having this concern should have their turbocharger replaced according to the following procedure.

NOTE:

- The oil change program as described in the prior published service bulletin under the same subject, is no longer in effect.
- Vehicles having their turbochargers replaced during the procedures as described in this service bulletin, will NOT require any further repairs related to this service bulletin or any future revisions.

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.

INSPECTION PROCEDURE



2271c

PART(S) INFORMATION

Turbocharger Replacement:

NOTE: Oil filter cartridge / engine oil only for vehicles returning for synthetic oil change.

Part Number	Description	Qty.	Notes
L3Y4-13-70ZC	Turbocharger	1	CX-7
L3Y3-13-70ZC	Turbocharger	1	Mazdaspeed3 / Mazdaspeed6
L321-14-302A-9U	Oil Filter Cartridge	1	---
5555-EG-001	Oil	6	6 quarts
JE10-40-355	Nut	5	For turbocharger replacement
9956-21-200	Gasket	4	For turbocharger replacement
L3K9-13-710	Turbocharger Gasket	1	For turbocharger replacement
L380-13-490B	Gasket	1	Mazdaspeed6 / CX-7 for turbocharger replacement
L3F2-13-490	Gasket	1	Mazdaspeed3 for turbocharger replacement
L3K9-14-264	Gasket, Oil Outlet Pipe	1	---
L3K9-14-293	Gasket, Oil Pipe	1	---
9956-21-400	Gasket	2	---

WARRANTY INFORMATION

NOTE:

- This warranty information applies only to verified customer complaints on vehicles eligible for warranty repair.
- This repair is covered under Mazda New Vehicle Limited Warranty and Mazda Powertrain Limited Warranty. It may also be covered under California Emission Warranty, refer to Mazda Warranty Wizard to confirm coverage.
- Additional diagnostic time cannot be claimed for this repair.
- The oil change program as described in the prior published service bulletin under the same subject, is no longer in effect.
- If the customer is returning after a synthetic oil change with a complaint of the white or blue smoke returning, it is not necessary to replace the synthetic oil with standard oil if the turbo requires replacement (if vehicle has returned within 3,000 miles).
- Only customers returning for an additional synthetic oil change should have their vehicle serviced with standard 5W/30 motor oil charged out as related parts on the turbocharger replacement claim.

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Turbocharger Replacement:

Use this information to enter a warranty claim for vehicles that required a turbocharger according to the inspection procedure in this bulletin. Note the labor times listed below include the 0.8 hr. for the inspection.

Warranty Type	A
Symptom Code	18
Damage Code	91
Part Number Main Cause	L3Y4-13-70ZC (CX-7) L3Y3-13-70ZC (Mazdaspeed3 / Mazdaspeed6)
Quantity	1
Operation Number / Labor Hours:	XXF03BRX / 3.9 (Mazdaspeed3) XXF03BRX / 5.1 (Mazdaspeed6) XXF03BRX / 4.3 (CX-7 2WD) XXF03BRX / 4.8 (CX-7 4WD)
Related Parts	L321-14-302A-9U (oil filter cartridge - only for vehicles returning for synthetic oil change) 5555-EG-001 (engine oil - only for vehicles returning for synthetic oil change)