



TO: Mazda Dealership General Managers, Service Managers, and Parts Managers

DATE: April 2012

SUBJECT: Heavy White Exhaust Smoke Warranty Extension Program SSP 86
2007-2009 CX-7, 2007-2008 Mazdaspeed3, 2006-2007 Mazdaspeed6

Mazda Motor Corporation is extending the warranty coverage for specific repairs for heavy white exhaust smoke on the above models. The warranty for this repair will be extended to 7 years (84 months) from the original warranty start date or 70,000 miles, whichever comes first.

Some customers may experience heavy white smoke from the exhaust pipes after long idle periods or while driving at slow speeds in heavy traffic. This condition may be the result of insufficient crank case ventilation, resulting in oil leakage past the exhaust turbine shaft seal. Depending on the model and the damage found during inspection, a crankcase ventilation kit may be installed, or the turbocharger may be replaced. Please refer to Attachment I for details.

This is a warranty extension for the specified repair only. Inspection and replacement of non-failed parts will not be eligible for reimbursement to the dealer or customer. This program extends the warranty period for actual failures due to defects in workmanship or materials in accordance with Mazda Warranty Policy and Procedures.

- Owners of subject vehicles with Federal emission equipment were notified by first class mail on January 13, 2012.
- Owners of subject vehicles with California emission equipment were notified by first class mail on March 14, 2012.

This package contains important information about SSP 86:

Attachment I	Dealer Information
Attachment II	Owner Notification Letter

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For technical assistance, call the Technical Assistance Hotline at (888) 832-8477, Option 3 for English speaking Hotline Specialist, option 4 for Spanish speaking Hotline Specialist.

For parts questions, contact the Corporate Dealer Assistance Group at (877) 727-6626, option 2.

For warranty questions, contact the Warranty Hotline at (877) 727-6626, option 3.

Please make certain that the appropriate personnel in your dealership are aware of these resources and are familiar with the details of this program before responding to customer inquiries. Your understanding and support in carrying out this program is greatly appreciated.

Sincerely,

Satoshi Takahashi
Director, Technical Services
Mazda North American Operations

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WARRANTY EXTENSION

For certain 2007-2009 CX-7, 2007-2008 Mazdaspeed3, 2006-2007 Mazdaspeed6 models, the warranty coverage for specific repairs to address heavy white exhaust pipe smoke is extended to 7 years (84 months) from the original warranty start date or 70,000 miles, whichever comes first.

CONDITION OF CONCERN

It is possible that customers driving the applicable models may experience heavy white smoke from the exhaust pipes after long idle periods or while driving at slow speeds in heavy traffic. The smoke may be caused by excessive engine oil lubricating the turbocharger bearing leaking into the exhaust side of the turbine. The heated accumulated oil inside the exhaust pipe may cause heavy white smoke. **The warranty extension applies only to this condition.**

Note: The warranty extension does not apply if the condition is determined to be due to poor maintenance (insufficient oil changes or using engine oil of viscosity lower than 5W-30).

SUBJECT VEHICLES

Model	VIN Range	Build Date Range
2007-2009 CX-7	JM3 ER29** 70 100057 – 169185 JM3 ER29** 80 169188 – 215755 JM3 ER29** 90 215758 – 224012	From February 14, 2006 through July 1, 2008
2007-2008 Mazdaspeed3	JM1 BK34**71 603266 – 774156 JM1 BK34**81 774483 – 880461 JM1 BK34**81 100062 - 187235	From June 28, 2006 through June 30, 2008
2006-2007 Mazdaspeed6	JM1 GG12L*61 100056 – 108051 JM1 GG12L*71 108052 – 110746	From August 4, 2005 through June 30, 2007

Note: The asterisk symbol "*" can be any letter or number.

OWNER NOTIFICATION

- Owners of subject vehicles with Federal emission equipment were notified by first class mail on January 13, 2012.
- Owners of subject vehicles with California emission equipment were notified by first class mail on March 14, 2012.

Owners were advised they do not need to bring their vehicle to a dealer if it is functioning normally.

PARTS INFORMATION

For repair using Ventilation Set (CX-7 / Mazdaspeed3):

Description	Parts No.	Quantity	Applicable Model / Note
Ventilation Set	L3Y1-13-S80B	1	CX-7
	L3Y2-13-S80B	1	Mazdaspeed3
Oil Filler Cap	LF01-10-25Y	1	When necessary

For repair using Turbocharger (CX-7 / Mazdaspeed3 / Mazdaspeed6):

Description	Part Number	Quantity	Applicable Model
Turbocharger	L3YB-13-70Z	1	Mazdaspeed3, Mazdaspeed6
	L3YC-13-70Z	1	CX-7
Nut	JE10-40-355	5	CX-7 Mazdaspeed3 Mazdaspeed6
Gasket	9956-21-200	4	
Gasket	9956-21-400	2	
Oil Pipe Gasket	L3K9-14-293	1	
Turbocharger Gasket	L3K9-13-710	1	
Oil Outlet Pipe Gasket	L3K9-14-264	1	CX-7, Mazdaspeed6
Gasket	L380-13-490B	1	
	L3F2-13-490	1	Mazdaspeed3

WARRANTY CLAIM PROCESSING INFORMATION

REPAIR WITH VENTILATION SET

FED Emission Vehicles Only: Vehicles within Mazda Powertrain Limited Warranty (5 years/60,000 miles)

IMPORTANT: Do not enter a Process Number if within the Powertrain Limited Warranty.

	Repair with Ventilation Set (includes Inspection and Road Test)
	CX-7 / Mazdaspeed3
Symptom Code	18
Damage Code	91
Part Number Main Cause / Quantity	L3Y1-13-S80B / 1 (CX-7) L3Y2-13-S80B / 1 (Mazdaspeed3)
Related Part Number / Quantity	LF01-10-25Y / 0-1
Labor Operation	XXG46XRX
Labor Hours	1.3 hrs
Period Covered	Within 5 years/60,000 miles

Vehicles outside Mazda Powertrain Limited Warranty:

	Repair with Ventilation Set (includes Inspection and Road Test)
	CX-7 / Mazdaspeed3
Process Number	AB032A
Symptom Code	18
Damage Code	91
Part Number Main Cause / Quantity	L3Y1-13-S80B / 1 (CX-7) L3Y2-13-S80B / 1 (Mazdaspeed3)
Related Part Number / Quantity	LF01-10-25Y / 0-1
Labor Operation	XXG46XRX
Labor Hours	1.3 hrs
Period Covered	Over 5 years/60,000 miles, within 7 years/70,000 miles

INSPECTION AND/OR REPLACEMENT OF TURBOCHARGER

FED Emission Vehicles Only: Vehicles within Mazda Powertrain Limited Warranty (5 years/60,000 miles)

IMPORTANT: Do not enter a Process Number if within the Powertrain Limited Warranty.

Valve Train & Plugged Banjo Bolt Inspection and Photos	
Labor Operation / Labor Hours	XXH3TXCX / 0.8 Hrs. (CX-7) XXH3SXCX / 0.7 Hrs. (MazdaSpeed3) XXH3RXCX / 0.6 Hrs. (MazdaSpeed6)
NOTE: This Labor Operation and hours can only be claimed IF TURBOCHARGER OR VENTILATION SET ARE NOT REPLACED. Refer to TSB 01-008/12 (CX-7 and MazdaSpeed3) and TSB 01-014/12 (MazdaSpeed6) for details.	

Replacement of Turbocharger (includes Inspection and Photos)		
	CX-7 4WD	CX-7 2WD
Symptom Code	18	18
Damage Code	91	91
Part Number Main Cause / Quantity	L3YC-13-70Z / 1	L3YC-13-70Z / 1
Related Part Number / Quantity	JE10-40-355 / 5 9956-21-200 / 4 9956-21-400 / 2 L3K9-14-293 / 1 L3K9-13-710 / 1 L3K9-14-264 / 1 L380-13-490B / 1	JE10-40-355 / 5 9956-21-200 / 4 9956-21-400 / 2 L3K9-14-293 / 1 L3K9-13-710 / 1 L3K9-14-264 / 1 L380-13-490B / 1
Labor Operation	XXG49XRX	XXG48XRX
Labor Hours	4.2 hrs	3.7 hrs.
Period Covered	Within 5 years/60,000 miles	

Replacement of Turbocharger (includes Inspection and Photos)		
	Mazdaspeed3	Mazdaspeed6
Symptom Code	18	18
Damage Code	91	91
Part Number Main Cause / Quantity	L3YB-13-70Z / 1	L3YB-13-70Z / 1
Related Part Number / Quantity	JE10-40-355 / 5 9956-21-200 / 4 9956-21-400 / 2 L3K9-14-293 / 1 L3K9-13-710 / 1 L3K9-14-264 / 1 L3F2-13-490 / 1	JE10-40-355 / 5 9956-21-200 / 4 9956-21-400 / 2 L3K9-14-293 / 1 L3K9-13-710 / 1 L3K9-14-264 / 1 L380-13-490B / 1
Labor Operation	XXG51XRX	XXG54XRX
Labor Hours	3.3 hrs	4.5 hrs.
Period Covered	Within 5 years/60,000 miles	

Vehicles outside Mazda Powertrain Limited Warranty:

Valve Train & Plugged Banjo Bolt Inspection and Photos	
Process Number	AC022A
Symptom Code	18
Damage Code	91
Part Number Main Cause / Qty	7777-SP-G45 / 0
Labor Operation / Labor Hours	XXH3TXCX / 0.8 Hrs. (CX-7) XXH3SXCX / 0.7 Hrs. (MazdaSpeed3) XXH3RXCX / 0.6 Hrs. (MazdaSpeed6)
NOTE: This Labor Operation and hours can only be claimed IF TURBOCHARGER OR VENTILATION SET ARE NOT REPLACED. Refer to TSB 01-008/12 (CX-7 and MazdaSpeed3) and TSB 01-014/12 (MazdaSpeed6) for details.	

Replacement of Turbocharger (includes Inspection and Photos)		
	CX-7 4WD	CX-7 2WD
Process Number	AB033A	AB033A
Symptom Code	18	18
Damage Code	91	91
Part Number Main Cause / Qty	L3YC-13-70Z / 1	L3YC-13-70Z / 1
Related Part Number / Quantity	JE10-40-355 / 5 9956-21-200 / 4 9956-21-400 / 2 L3K9-14-293 / 1 L3K9-13-710 / 1 L3K9-14-264 / 1 L380-13-490B / 1	JE10-40-355 / 5 9956-21-200 / 4 9956-21-400 / 2 L3K9-14-293 / 1 L3K9-13-710 / 1 L3K9-14-264 / 1 L380-13-490B / 1
Labor Operation	XXG49XRX	XXG48XRX
Labor Hours	4.2 hrs	3.7 hrs.
Period Covered	Over 5 years/60,000 miles, within 7 years/70,000 miles	

Replacement of Turbocharger (includes Inspection and Photos)		
	Mazdaspeed3	Mazdaspeed6
Process Number	AB033A	AB033A
Symptom Code	18	18
Damage Code	91	91
Part Number Main Cause / Qty	L3YB-13-70Z / 1	L3YB-13-70Z / 1
Related Part Number / Quantity	JE10-40-355 / 5 9956-21-200 / 4 9956-21-400 / 2 L3K9-14-293 / 1 L3K9-13-710 / 1 L3K9-14-264 / 1 L3F2-13-490 / 1	JE10-40-355 / 5 9956-21-200 / 4 9956-21-400 / 2 L3K9-14-293 / 1 L3K9-13-710 / 1 L3K9-14-264 / 1 L380-13-490B / 1
Labor Operation	XXG51XRX	XXG54XRX
Labor Hours	3.3 hrs	4.5 hrs.
Period Covered	Over 5 years/60,000 miles, within 7 years/70,000 miles	

VERIFY THE VEHICLE IS APPLICABLE TO SSP86

1. Verify the vehicle is within the following ranges:

Model	VIN Range	Build Date Range
2007-2009 CX-7	JM3 ER29** 70 100057 – 169185 JM3 ER29** 80 169188 – 215755 JM3 ER29** 90 215758 – 224012	From February 14, 2006 through July 1, 2008
2007-2008 Mazdaspeed3	JM1 BK34**71 603266 – 774156 JM1 BK34**81 774483 – 880461 JM1 BK34**81 100062 - 187235	From June 28, 2006 through June 30, 2008
2006-2007 Mazdaspeed6	JM1 GG12L*61 100056 – 108051 JM1 GG12L*71 108052 – 110746	From August 4, 2005 through June 30, 2007

- If the vehicle is within the above ranges, go to step 2.
 - If the vehicle is not within the above ranges, it is not applicable to SSP86.
2. Perform a Warranty Vehicle Inquiry using your eMDCS System.

eMDCS System - Vehicle Status Inquiry Results

If eMDCS displays:	Action to perform:
SSP86 OPEN	Proceed to "REPAIR PROCEDURE" only if heavy white exhaust smoke is related to this SSP86.
SSP86 EXPIRED	Vehicle outside warranty time limitation
SSP86 is not displayed	SSP86 does not apply to this vehicle.

Note: Because this is a warranty extension program, application of a campaign label is not necessary, even when replacing the turbocharger.

REPAIR PROCEDURE

- Please refer to Technical Service Bulletin **01-008/12** for CX-7 and MazdaSpeed3 models.
- Please refer to Technical Service Bulletin **01-014/12** for MazdaSpeed6 models.