

CSP11 - COOLANT LEAKS AT CYLINDER HEAD

WARRANTY EXTENSION

For certain 2019-2020MY CX-5, 2016-2020MY CX-9, 2018-2020MY Mazda6 that are equipped with SKYACTIV-G 2.5T engine, the warranty coverage for specific repair of the coolant leak at cylinder head is extended to:

10 years (120 months) or 120,000 miles (192,000 km) whichever comes first, from the original warranty start date

CONDITION OF CONCERN

On certain subject vehicles, the coolant may leak at the cylinder head around the exhaust manifold.

SUBJECT VEHICLES

All vehicles are equipped with SKYACTIV-G 2.5T engine.

Model	Subject VIN range	Subject production date
2018-2020 Mazda6 GL	JM1GL**Y*** 300001 - 523967	Jan 15, 2018 - Mar 25, 2020
2019-2019 CX-5 KF	JM3KF**Y*** 500001 - 830243	Sep 18, 2018 - Jun 09, 2020
2016-2020 CX-9 TC	JM3TC**Y*** 100053 - 422801	Feb 11, 2016 - Jun 09, 2020

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

OWNER NOTIFICATION

Mazda will notify all U.S. owners of the subject vehicles by first class mail starting from mid-November 2024 through December 2024.

- Owners will be advised that they do not need to bring their vehicle to a dealer if it does not exhibit the affected condition.
- Owners will also be advised that any previous repair for the coolant leak due to similar concern of this CSP will be eligible for reimbursement if the repair was performed at the owner's expense. Please refer the customer to the Owner Letter for reimbursement instructions.

REPAIR PROCEDURE

If you receive customer complaints about the coolant leak, verify the concerns and perform appropriate repair according to the Service Information (S/I) R087/20*, Technical Service Bulletin (TSB) [01-002/23 - COOLANT LEAKS AT CYLINDER HEAD](#).

*Note: Please refer to the latest version of the S/I.

PARTS INFORMATION

The parts for the CSP11 repair is same with S/I R087/20*, TSB [01-002/23 - COOLANT LEAKS AT CYLINDER HEAD](#) which shows below.

Parts Number	Description	Qty.	Notes
PYY1-10-SJ0	HEAD, CYLINDER (*1)	1	
PYY1-10-S50	GASKET SET A (*2)	1	[R]
PYY1-13-S50	GASKET KIT B (*3)	1	[R]
PYY1-13-SRZ	GASKET KIT C (*4)	1	[R]
PYY1-13-W8Z	GASKET KIT D (*5)	1	[R]
9956-41-400	GASKET	1	[R] for oil drain plug
PYY1-13-223	HOSE, AIR INTAKE-I/COOLER	1	[R]
PE23-40-584	STUD, FLANG	2	[R] for TWC
9956-41-400	GASKET	1	[R] for drain plug at AT oil pan
B455-32-099B	BOLT, SHAFT	1	[R] Joint Bolt A (Lower), Intermediate shaft
T060-26-169A	PIN, SNAP	2	[R] for tie-rod end
D651-33-042A	NUT	2	[R] for hub center nut
H010-25-421A	CLIP	1	[R] for drive shaft
CN01-27-397	SEAL, OIL	1	[R] [4WD] for transfer
KN01-27-398	SEAL, OIL	1	[R] [4WD] for transfer
9956-41-800	WASHER	1	[R] [4WD] for transfer drain plug
PY88-40-584	STUD, FLANG	2	[R] for turbocharger
PY89-40-584	STUD, FLANG	1	[R] for turbocharger
PY90-40-584	STUD, FLANG	2	[R] for turbocharger
FU31-19-423	PLUG	1	[R] Pressure detection square head plug (for line pressure check)
L2Y1-33-247	GREASE		For knuckle (one tube does ten vehicles)

*1~5: Please refer to Attachment1_ Components Parts List for the parts included in each parts number

WARRANTY CLAIM PROCESSING INFORMATION – COOLANT LEAK CHECK OR COOLANT CHECK AND CYLINDER HEAD REPLACEMENT ONLY

- **In Powertrain Warranty** - the repair on the subject vehicle **within** Powertrain Warranty period should be claimed as normal warranty according to the S/I R087/20*, TSB [01-002/23 - COOLANT LEAKS AT CYLINDER HEAD](#).
- **Out of Powertrain Warranty** - this warranty information is applicable to the repair on the subject vehicle **beyond** Powertrain Warranty period: Within 10 years/120,000 miles (192,000 km) from original Warranty Start Date.

Coolant Leak Check Only			
Process Number	AR067A		
Symptom Code	77 (WATER LEAK/COOLANT LEAK)		
Damage Code	9A (BROKEN/DAMAGED/CRACKED)		
Part Number Main Cause & Quantity	7777-SP-Y75 & 0		
Labor Operation Number & Labor Hours	Operation No.	Labor hours	Applicable models
	XXWXBXCX	0.3 hrs.	- Mazda6 (GL), CX-5 (KF), CX-9 (TC)

Coolant Leak Check and Replacement of Cylinder Head			
Process Number	AR067A		
Symptom Code	77 (WATER LEAK/COOLANT LEAK)		
Damage Code	9A (BROKEN/DAMAGED/CRACKED)		
Part Number Main Cause & Quantity	PYY1-10-SJ0 & 1		
Related Part Number & Quantity	Please refer to the “PARTS INFORMATION” chapter		
Labor Operation Number & Labor Hours	Operation No.	Labor hours	Applicable models
	XXS82ARX	10.9 hrs.	- Mazda6 (GL)
	XXS82CRX	11.1 hrs.	- CX-5 (KF) 4WD
	XXS82BRX	11.2 hrs.	- CX-5 (KF) 2WD
	XXS82FRX	11.3 hrs.	- CX-9 (TC)
Front wheel alignment check and adjust			
Labor Operation Number & Labor Hours	XXS82BAX	0.8 hrs.	Using wired type 4-wheel alignment tester
	XXS82AAX	1.3 hrs.	Using wireless type 4-wheel alignment tester

NOTE:

- Claim engine oil (5.9 L {6.2 US qt, 5.2 Imp qt} maximum), ATF (4.9 L {5.1 US qt, 4.3 Imp qt} maximum), gear oil (0.45 L {0.48 US qt, 0.40 Imp qt} maximum) and coolant (9.9 L {10.5 US qt, 8.7 Imp qt} maximum) as related parts.
- If Wheel Alignment Check and Adjust is performed at outside shop, claim the actual invoice amount with sublet code “C1”.

WARRANTY CLAIM PROCESSING INFORMATION – PARTIAL ENGINE REPLACEMENT

- **In Powertrain Warranty** - the repair on the subject vehicle **within** Powertrain Warranty period should be claimed as normal warranty according to the S/I R087/20*, TSB [01-002/23 - COOLANT LEAKS AT CYLINDER HEAD](#).
- **Out of Powertrain Warranty** - this warranty information is applicable to the repair on the subject vehicle **beyond** Powertrain Warranty period: Within 10 years/120,000 miles (192,000 km) from original Warranty Start Date.

• Period Covered	Out of Powertrain Warranty period, and Within 10 years/120,000 miles (192,000 km) from original Warranty Start Date
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Partial Engine Replacement			
Process Number	AR067A		
Symptom Code	77 (WATER LEAK/COOLANT LEAK)		
Damage Code	9A (BROKEN/DAMAGED/CRACKED)		
Part Number Main Cause & Quantity	PYZ302300 & 1	Mazda6 (GL), CX-5 (KF), CX-9 (TC)	
Related Part Number & Quantity	Please refer to MGSS online.		
Labor Operation Number & Labor Hours	Operation No.	Labor hours	Applicable models
	XXWXCARX	9.6	Mazda6 (GL)
	XXWXCBRX	9.7	
	XXWXCCR	9.3	CX-5 (KF)
	XXWXCDRX	9.4	
	XXWXCERX	10.5	
	XXWXCFRX	9.5	CX-9 (TC)
	XXWXCGRX	9.6	
	XXWXCHRX	10.8	
XXWXCJRX	10.9		