

# Service Information

Mazda Motor Corporation

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Category <b>U</b>	<b>Repair Guidance</b>	Ref. No. R103/16A <b>REV</b>	Page 1 of 4
Coverage <input type="checkbox"/> Distributor only <input checked="" type="checkbox"/> Please inform your dealers		Date Issued November 25, 2016	
Please convey this information to your <input type="checkbox"/> Director <input checked="" type="checkbox"/> General Manager <input checked="" type="checkbox"/> Warranty Dept. <input checked="" type="checkbox"/> Parts Dept. <input checked="" type="checkbox"/> Training Dept. <input checked="" type="checkbox"/> Field Rep.		Date Revised <b>June 14th, 2017</b>	
Applicable Model  Mazda2(DJ), CX-3 (DK)		Applicable Countries or Specifications  Worldwide	

**REVISED**

**Revision Note: Service Supply Number for refrigerant has been changed.**

**Updated warranty information. Photos of the refrigerant leak (as shown on page 2 of this bulletin) must be attached to the warranty claim.**

## Subject: Air Conditioner - No Cool Air (Condenser Leakage)

### DESCRIPTION

Some customers may complain about no cool air from the vents when the air conditioner (A/C) is ON.

### CAUSE

The condenser is corroded causing leakage of the A/C refrigerant.

### MASS PRODUCTION CHANGE

The manufacturer of the condenser has been changed to "VALEO" and the configuration of the condenser tube has been improved.

### SUBJECT VIN & PRODUCTION DATE RANGE

#### Mazda2 (DJ)

Spec.	Subject VIN			Production Date
		From	To	
General RHD (Japan Built)	JM6 DJ *****	100001	200007	Up to October 21, 2016
Australia (Thailand Built)	MM0 DJ ***** MM0 DL *****	100001	236844	Up to October 13, 2016
UK (Thailand Built)	MMZ DJ *****	100001	236887	
General RHD (Thailand Built)	MM6 DJ ***** MM6 DL *****	100001	236870	
General LHD (Thailand Built)	MM7 DJ ***** MM7 DL *****	100001	236809	
Thailand (Thailand Built)	MM8 DJ ***** MM8 DL *****	100001	236876	
Israel (Thailand Built)	MMZ DJ ***** MMZ DL *****	100001	236887	

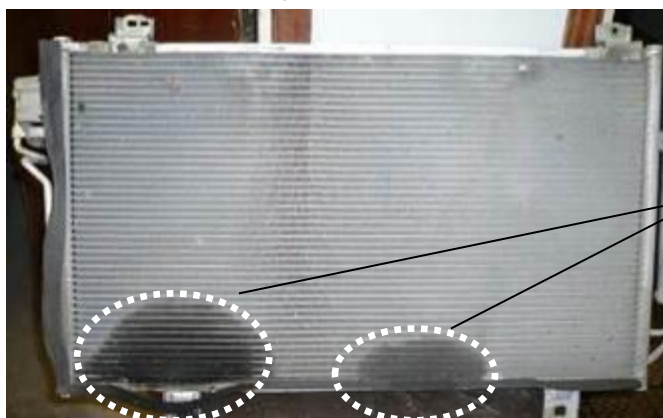
### CX-3 (DK)

Spec.	Subject VIN		Production Date
		From To	
Australia	JM0 DK *****	100001300119	From January 9, 2015 To November 1, 2016
General RHD	JM6 DK *****		From September 15, 2015 To November 1, 2016
General LHD	JM7 DK *****		
Europe (Including UK)	JMZ DK *****	100001187251	From February 10, 2015 To November 1, 2016
US (2016MY-)	JM1 DK *****	100001159395	Canada: From March 9, 2015 To November 1, 2016 US: From June 1, 2015 To November 1, 2016
Europe (UK & Ireland)	MMZ DK *****	100001239505	From March 14, 2016 To November 1, 2016
Australia (Thailand Built)	MM0 DK *****	100001-	From November 23, 2015 To October 13, 2016
Thailand (Thailand Built)	MM8 DK *****		From October 5, 2015 To October 13, 2016

### REPAIR PROCEDURE

When you receive a customer complaint on this concern, use the following repair procedure.

1. Visually inspect the condenser for A/C refrigerant leak
  - If a trace of A/C refrigerant leak as shown in the figure has been found, go to next step.



TRACE of A/C  
REFRIGERANT LEAK

- If no leak has been found, this Service Information is not applicable. Diagnose for other concerns according to the Workshop Manual.
2. Replace the condenser with a modified one according to the workshop manual "CONDENSER REMOVAL/INSTALLATION".
3. Verify repair.

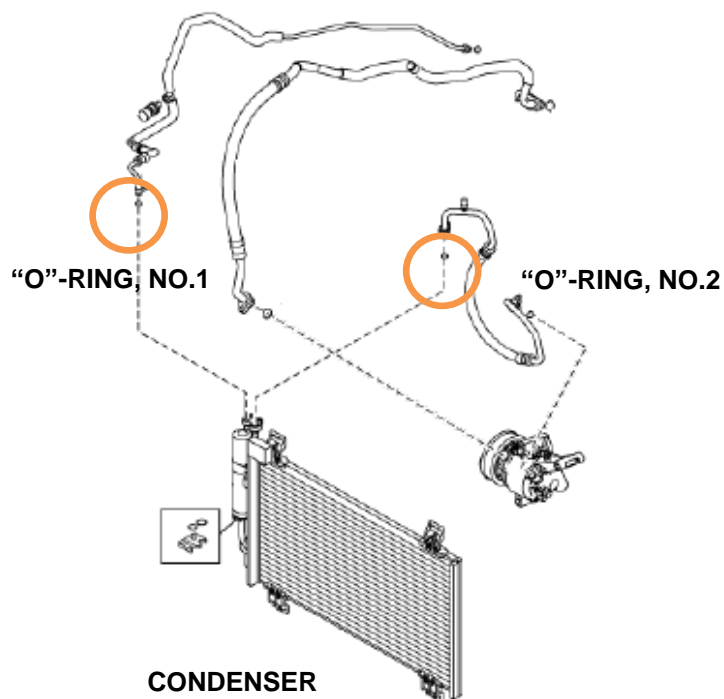
## PARTS INFORMATION

Part Number	Part Name	Qty.	Remark
DF7B-61-480A	Condenser	1	Please select the correct part from EPC.
DB9N-61-480A		1	
DB3R-61-480A		1	
D11R-61-480A		1	
GJ6A-61-J19	"O" Ring - No.1	1	<b>R</b>
GJ6E-61-J19	"O" Ring - No.2	1	<b>R</b>
5555-FG-003	A/C Refrigerant	As required	-
5555-AC-001B	Compressor oil (Gasoline Engine)	24 ml	Only for Europe
5555-AC-001C	Compressor oil (Diesel Engine)	24 ml	Only for Europe
-	Compressor oil	24 ml	For other than Europe

**NOTE:** The followings are the recommended compressor oil information.

Part Number	Description	Amount per bottle	Remarks
DBY1-61-K39	Compressor Oil	250ml	Refrigerant gas: HFO-1234YF GASOLINE
D1Y2-61-K39	Compressor Oil	40ml	Refrigerant gas: HFO-1234YF DIESEL

## Replacement Parts Location



WARRANTY INFORMATION

Assembly group	U - Heater and Air Conditioner Systems			
Subassembly group	07 - CONDENSER, HOSES, LIQUID TANK, OTHER PARTS			
Symptom Code	59 (INSUFFICIENT HEATING)			
Damage Code	9Y (CORROSION)			
Causal Part No.	****-61-480A			
Quantity	1			
Operation No.	XXMB4XRX Condenser R&R including Refrigerant Recharge, Leak and Check.			
Model	Mazda2(DJ)		CX-3(DK)	
Labor Hours	- SKYACTIV-G 1.3 - SKYACTIV-G 1.5	-SKYACTIV-D 1.5	SKYACTIV-G 2.0	SKYACTIV-D 1.5
	2.0 Hrs.	2.6 Hrs.	1.2 Hrs.	1.3 Hrs.
Period Covered	Normal Warranty Period			
Prior approval necessary	No <b>Although clear photos showing the refrigerant leak <u>must</u> be attached to the warranty claim</b>			

**NOTE:**

- Claim the replacement parts as related parts.
- Europe: Claim qty. 24 w/o "ml" for Compressor Oil as related parts.
- Other than Europe: Claim the compressor oil cost for 24 ml as sublet: Z9 by attaching its purchasing invoice showing the price & the oil containing volume per bottle.

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 151-163Q, 151-164T, 151-178Q  
 (MC Internal Use)