

Service Information

Mazda Motor Corporation

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Category U	Repair Guidance	Ref. No. R081/16	Page 1 of 3
Coverage <input type="checkbox"/> Distributor only <input checked="" type="checkbox"/> Please inform your dealers		Date Issued October 5, 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	
Applicable Model Mazda2 (DJ) and CX-3 (DK) Japan and Thailand Product		Applicable Countries and/or Vehicle Specifications Worldwide	

Subject: Difficult to adjust cabin temperature comfortable/It is always warmer than setting on Temp. Control Dial

DESCRIPTION

Some customers may complain that it is difficult to adjust the cabin temperature comfortable using the auto air conditioner. The number of customer complaint increases when the outside temperature is around 10°C.

[Customer comment samples]

- The cabin temperature does not decrease to the customer desire (i.e. the set temperature on the temperature control dial). It is warmer in the vehicle cabin than the selected temperature.
- Even if adjusting the set temperature on the temperature control dial to decrease the cabin temperature, the air conditioner always blow out too warm air from the vents.
- When the outside temperature becomes around 10°C at the change of seasons, the customer first set the temperature control dial to 22°C to warm up the cabin. After the cabin temperature increases and the customer feels it is too warm, the customer decreases the set temperature but the blow-out air temperature does not change that much as expected and remains too warm. If it is adjusted to "Max. Cold" then too much cold air blows out and it is difficult to adjust the cabin temperature comfortable.

CAUSE

The control logic of the climate control unit is not appropriate when the outside temperature is in the specified range.

MASS PRODUCTION CHANGE

The control logic in the climate control unit has been changed to adjust the blow-out air temperatures appropriate.

SUBJECT VIN & PRODUCTION DATE RANGE

Mazda2 (DJ) Japan Built

Spec.	Subject VIN Range		Production Date Range (Up to)
General (R.H.D)	JM6 DJ**** **	100001 - 101072	Sep. 1, 2016

Mazda2 (DJ/DL)
Thailand Build

Australia	MM0 DJ**** **	100001 - TBD	Sep. 15, 2016
Australia	MM0 DL**** **		
General (R.H.D.)	MM6 DJ**** **		
General (R.H.D.)	MM6 DL**** **		
General (L.H.D.)	MM7 DJ**** **		
General (L.H.D.)	MM7 DL**** **		
Israel	MMZ DJ**** **		
Israel	MMZ DL**** **	100001 - TBD	Sep. 22, 2016
Europe (UK)	MMZ DJ**** **		
Thailand	MM8 DJ**** **	100001 - TBD	Sep. 15, 2016
Thailand	MM8 DL**** **		

CX-3 (DK)
Japan Built

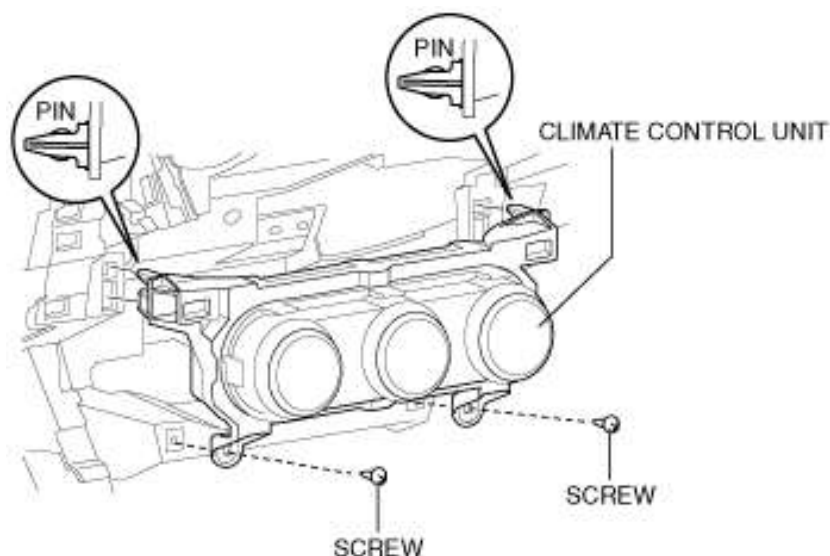
Spec.	Subject VIN Range		Production Date Range (Up to)
Australia	JM0 DK**** **	100001 - 125877	Sep. 5, 2016
General (R.H.D.)	JM6 DK**** **		
General (L.H.D.)	JM7 DK**** **		
Europe (L.H.D. & UK Spec.)	JMZ DK**** **	100001 - 177732	
US (2016 MY)	JM1 DK**** **	100001 - 153364	

Thailand Built

Australia	MM0 DK**** **	100001 - TBD	Sep. 15, 2016
UK Spec.	MMZ DK**** **	100001 - TBD	Sep. 22, 2016
Thailand	MM8 DK**** **	100001 - TBD	Sep. 15, 2016

REPAIR PROCEDURE

If the customer complaint meets the conditions described in "DESCRIPTION" and there is no apparent problem with the air conditioner system, replace the climate control unit with a modified one according to Workshop Manual "CLIMATE CONTROL UNIT REMOVAL/INSTALLATION [FULL-AUTO AIR CONDITIONER]".



PARTS INFORMATION

Part Number		Description	Qty.	Remark
NEW	OLD			
D10B-61-190C	D10B-61-190B	CONTROL ASSY- HEATER	1	Japan Product CX-3 Japan Product Mazda2
DB8T-61-190B	DB8T-61-190A		1	Thailand product CX-3 (Other than UK Spec.) Thailand product Mazda2 (Other than UK Spec.)
DA6S-61-190B	DA6S-61-190A		1	Japan Product CX-3/HF4-1234YF
DB8L-61-190A	DB8L-61-190		1	Thailand product CX-3 (UK Spec.) Thailand product Mazda2 (UK Spec.)

NOTE: Double check the parts catalogue for the part number applicable to the subject VIN.

WARRANTY INFORMATION

Assembly group	U - Heater and Air Conditioner Systems
Subassembly group	U02 - CLIMATE CONTROL
Symptom Code	59 (Insufficient Heating)
Damage Code	9W (Internal Failure)
Causal Part No.	****-61-190* (Enter the part number of Climate Control Unit applicable to the subject vehicle.)
Quantity	1
Operation No.	XXM9HXRX
Labor Hours	0.6 Hrs.
Period Covered	Normal Warranty Period
Prior approval required	NO

Kimiaki Inooka
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Technical Service Department
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2G41405230,151-113,116T (MC Internal Use)