

Service Information

Mazda Motor Corporation

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Category T	Repair Guidance	Ref. No. R009/18A	Page 1 of 4
Coverage <input type="checkbox"/> Distributor only <input checked="" type="checkbox"/> Please inform your dealers		Date Issued February 7, 2018	
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 March 21, 2018	
Applicable Model and Equipment All models with Mazda Connect		Applicable Countries and/or Vehicle Specifications Europe	

Subject: Navigation system shows wrong location

DESCRIPTION

Some customers may experience that Mazda Connect navigation screen shows wrong location due to poor reception of GPS signals.

CAUSE

Electrostatic noise during assembly of the CMU may damage the GPS signal processing device in it.

MASS PRODUCTION CHANGE

CMU hardware has been modified.

SUBJECT VIN & PRODUCTION DATE

NOTE: Mexico built vehicles are not applicable at this time since the modification has not been implemented yet.

Mazda2 (DJ)

Thailand Built

Spec.	VIN Range	Production Date Range
Europe (UK Spec.)	MMZ DJ**** ** 109404 - 312706	Dec. 8, 2014 - Apr. 6, 2017

Mazda3 (BM)

Japan Built

Spec.	VIN Range	Production Date Range
Europe (L.H.D. & UK Specs.)	JMZ BM **** ** 100059 - 335358	Jul. 9, 2013 - Jun. 23, 2016

Mazda3 (BN) / (BM with VIN 500001~ for Russia)

Japan Built

Spec.	VIN Range	Production Date Range
Europe (L.H.D. & UK Specs.)	JMZ BN **** ** 500019 - 511018	May 26, 2016 - Nov. 28, 2016
Russia	JMZ BM **** **	

Mazda6 (GJ)

Spec.	VIN Range	Production Date Range
Europe (L.H.D. & UK Specs.)	JMZ GJ**** ** 300022 - 361531	Nov. 6, 2014 - Jun. 24, 2016

Mazda6 (GL) / (GJ with VIN 500001~ for Russia)

Spec.	VIN Range		Production Date Range
Europe (L.H.D. & UK Specs.)	JMZ GL**** **	500015 - 516209	Jun. 24, 2016 - Nov. 28, 2016
Russia	JMZ GJ**** **		

CX-3 (DK)

Japan Built

Spec.	VIN Range		Production Date Range
Europe (L.H.D. Spec.)	JMZ DK**** **	100043 - 192453	Feb. 10, 2015 - Dec. 24, 2016
Europe (UK Spec.)	JMZ DK**** **	100045 - 152439	Feb. 10, 2015 - Feb. 29, 2016

Thailand Built

Europe (UK Spec.)	MMZ DK**** **	109070 - 202416	Mar. 14, 2016 - Apr. 6, 2017
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CX-5 (KE)

Spec.	VIN Range		Production Date Range
Europe (L.H.D. & UK Specs.)	JMZ KE**** **	400014 - 565480	Dec. 11, 2014 - Feb. 20, 2017

MX-5

Spec.	VIN Range		Production Date Range
Europe (L.H.D. & UK Specs.)	JMZ ND**** **	100033 - 129188	May 14, 2015 - Mar. 16, 2017

REPAIR PROCEDURE

Check the wiring and connections between GPS antenna and CMU according to the Workshop Manual "GPS ANTENNA FEEDER INSPECTION".

If no problem is found, replace the CMU with a modified one according to the Workshop Manual "CONNECTIVITY MASTER UNIT (CMU) REMOVAL/INSTALLATION".

NOTE:

- Before the replacement, record the favorite settings for recovering.
- If the new CMU is found to have older software version installed than before replacement, refer to applicable service information regarding newer CMU software version, update the CMU and submit claim according to this Service Information.

PARTS INFORMATION

NOTE: The hardware has been modified in the middle of the production of the part number suffix in the table without changing the suffix. Part numbers with later suffix than that in the table are modified ones. Please confirm correct part no. according to EPC for vehicle in repair.

NOTE: For eExchange Countries please order from EBK.

Europe L.H.D. spec. (CMU: EU)

Part Number	Part Name	Q'ty	Applicable Models
BAAR-66-9C0E	CMU	1	Mazda3 (BN) Mazda6 (GL)
BHS3-66-9C0R	CMU	1	Mazda3 (BM)
DA6R-66-9C0J	CMU	1	CX-3 (VIS -101085)
GMD7-66-9C0H	CMU	1	Mazda6 (GJ) CX-3 (VIS 101086-) CX-5 (KE)
NA1P-66-9C0F	CMU	1	MX-5

Europe L.H.D. spec. (CMU: GEN)

Part Number	Part Name	Q'ty	Applicable Models
BJF5-66-9C0U	CMU	1	Mazda3 (BM)
BALK-66-9C0D	CMU	1	Mazda3 (BN) Mazda6 (GL)
GMR3-66-9C0K	CMU	1	Mazda6 (GJ) CX-3 CX-5 (KE)
NB2M-66-9C0E	CMU	1	MX-5

UK spec.

Part Number	Part Name	Q'ty	Applicable Models
BAAR-66-9C0E	CMU	1	Mazda3 (BN) Mazda6 (GL)
BHS3-66-9C0R	CMU	1	Mazda3 (BM)
DA6R-66-9C0J	CMU	1	Mazda2 (VIS -199999) CX-3 (MMZ, VIS -199999)
DG9H-66-9C0	CMU	1	Mazda2 (VIS 300001-) CX-3 (MMZ, VIS 200001-)
GMD7-66-9C0H	CMU	1	Mazda6 (GJ) CX-3 (JMZ) CX-5
NA1P-66-9C0F	CMU	1	MX-5

WARRANTY INFORMATION

eExchange Countries:

Assembly group	T - Body Electrical System
Subassembly group	11 - AUDIO SYSTEM
Symptom Code	64 (Improper operation)
Damage Code	9W (Internal failure)
Causal Part No.	****-66-9C0* 9R(CMU part number)
Q'ty	0
Operation No. / Labor Hours	Refer to tables below
Period Covered	Normal warranty period
Prior approval necessary	NO

Non eExchange Countries:

Assembly group	T - Body Electrical System
Subassembly group	11 - AUDIO SYSTEM
Symptom Code	64 (Improper operation)
Damage Code	9W (Internal failure)
Causal Part No.	****-66-9C0* (CMU part number)
Q'ty	1
Operation No. / Labor Hours	Refer to tables below
Period Covered	Normal warranty period
Prior approval necessary	NO

Without i-stop		Inspection & CMU replacement	Inspection & CMU replacement & software update
Opera tion No. / Labor Hours	Mazda2 without ADD*	XXP16CRX / 0.5 Hrs.	XXP17ARX / 0.7 Hrs.
	Mazda2 with ADD*	XXP16ARX / 0.6 Hrs.	XXP17ARX / 0.7 Hrs.
	Mazda3	XXP16ARX / 0.5 Hrs.	XXP17ARX / 0.7 Hrs.
	Mazda6	XXP16ARX / 0.6 Hrs.	XXP17ARX / 0.7 Hrs.
	CX-3 without ADD*	XXP16CRX / 0.5 Hrs.	XXP17ARX / 0.7 Hrs.
	CX-3 with ADD*	XXP16ARX / 0.6 Hrs.	XXP17ARX / 0.7 Hrs.
	CX-5	XXP16ARX / 0.5 Hrs.	XXP17ARX / 0.6 Hrs.
	MX-5	XXP16ARX / 0.6 Hrs.	XXP17ARX / 0.7 Hrs.

With i-stop		Inspection & CMU replacement	Inspection & CMU replacement & software update
Opera tion No. / Labor Hours	Mazda2 without ADD*	XXP16BRX / 0.6 Hrs.	XXP17DRX / 0.7 Hrs.
	Mazda2 with ADD*	XXP16BRX / 0.6 Hrs.	XXP17BRX / 0.8 Hrs.
	Mazda3	XXP16BRX / 0.6 Hrs.	XXP17BRX / 0.7 Hrs.
	Mazda6	XXP16BRX / 0.6 Hrs.	XXP17BRX / 0.8 Hrs.
	CX-3 without ADD*	XXP16BRX / 0.6 Hrs.	XXP17DRX / 0.7 Hrs.
	CX-3 with ADD*	XXP16BRX / 0.6 Hrs.	XXP17BRX / 0.8 Hrs.
	CX-5	XXP16BRX / 0.5 Hrs.	XXP17BRX / 0.7 Hrs.
	MX-5	XXP16BRX / 0.7 Hrs.	XXP17BRX / 0.8 Hrs.

ADD: Active Driving Display

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Technical Service Dept.
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