

Technical Service Bulletin

Mazda North American Operations
Irvine, CA 92618-2922



Subject: NAVIGATION SYSTEM SHOWS WRONG LOCATION	Bulletin No.: 09-007/18
	Last Issued: 03/22/2018

BULLETIN NOTES

This bulletin supersedes the previously issued bulletin(s) listed below. The changes are noted in Red text.

Previous TSBs:	Date(s) Issued:
09-007/18	02/14/18

APPLICABLE MODEL(S)/VINS

2014-2016 Mazda3 (Japan built) vehicles with VINs lower than JM1BM*****355940 (produced before June 23, 2016)

2017 Mazda3 (Japan built) vehicles with VINs lower than JM1BN*****131124 (produced before November 29, 2016)

2016 Mazda6 vehicles with VINs lower than JM1GJ*****488592 (produced before June 30, 2016)

2017 Mazda6 vehicles with VINs lower than JM1GL*****152966 (produced before November 29, 2016)

2016-2017 CX-3 vehicles with VINs lower than JM1DK*****179534 (produced before May 24, 2017)

2016 CX-5 vehicles with VINs lower than JM3KE*****921726 (produced before December 21, 2016)

2016-2017 CX-9 vehicles with VINs lower than JM3TC*****138707 (produced before February 16, 2017)

2016 MX-5 vehicles (with convertible top) with VINs lower than JM1ND*****119894 (produced before July 4, 2016)

2017 MX-5 vehicles (with convertible top) with VINs lower than JM1ND*****122323 (produced before March 17, 2017)

2017 MX-5 vehicles (with retractable fastback) with VINs lower than JM1ND*****105037 (produced before March 17, 2017)

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

DESCRIPTION

Some customers may experience a navigation system screen that shows the wrong location. This concern is due to poor reception of the GPS signals. To eliminate this concern, the CMU hardware has been modified.

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REPAIR PROCEDURE

1. Verify the customer concern.

2. Inspect the wiring and connections between the GPS antenna and CMU according to the instructions on MGSS online.

- Mazda3: (GPS ANTENNA FEEDER INSPECTION)
- Mazda6: (GPS ANTENNA FEEDER INSPECTION)
- CX-3: (GPS ANTENNA FEEDER INSPECTION)
- CX-5: (GPS ANTENNA FEEDER INSPECTION)
- CX-9: (GPS ANTENNA FEEDER INSPECTION)
- MX-5: (GPS ANTENNA FEEDER INSPECTION)

3. If no problems are found with the wiring and connections, replace the CMU with a modified one according to the instructions on MGSS online.

- Mazda3: (CONNECTIVITY MASTER UNIT (CMU) REMOVAL/INSTALLATION)
- Mazda6: (CONNECTIVITY MASTER UNIT (CMU) REMOVAL/INSTALLATION)
- CX-3: (CONNECTIVITY MASTER UNIT (CMU) REMOVAL/INSTALLATION)
- CX-5: (CONNECTIVITY MASTER UNIT (CMU) REMOVAL/INSTALLATION)
- CX-9: (CONNECTIVITY MASTER UNIT (CMU) REMOVAL/INSTALLATION)
- MX-5: (CONNECTIVITY MASTER UNIT (CMU) REMOVAL/INSTALLATION)

NOTE:

- Before disconnecting the vehicle battery, record the customer's favorite radio stations and re-enter them before returning the vehicle to the customer.
- If the new CMU is found to have an older software version installed, refer to the applicable service information regarding newer CMU software versions.
- Update the CMU to the latest software version and submit a claim according to this service information.

4. Verify the repair.

PARTS INFORMATION

Part Number	Part Name	Qty.	Applicable Models
BHP1-66-9C0N or later	CMU	1	2014-16 Mazda3 (JM1)
GRT7-66-9C0D or later	CMU	1	2017 Mazda3 (JM1) 2017 Mazda6
KA0G-66-9C0H or later	CMU	1	2016 Mazda6 2016-2017 CX-3 2016 CX-5
NA1J-66-9C0F or later	CMU	1	2016-2017 MX-5
TK78-66-9C0C or later	CMU	1	2016-2017 CX-9

NOTE:

- The hardware has been modified in the middle of CMU production, so the part number suffixes in the table above has not been changed.
- Use exchange unit only from United Radio. DO NOT automatically order a new part for warranty replacement.
- It is not necessary to call United Radio directly, place the order online, via the United Radio Website.

Access the United Radio Website using either one of the links below:

1 Go to: https://portal.mazdausa.com/dealershome/service_parts/dag/exchange_page_1.htm
Then select "United Radio Website" and log in.

or

2 Go to: <http://Dealers.mazdausa.com/>
Then select "Parts and Accessories", "Parts", "Exchange Central", then select "United Radio Website" and log in.

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WARRANTY INFORMATION

NOTE:

- This warranty information applies only to verified customer complaints on vehicles eligible for warranty repair.
- This repair will be covered under Mazda’s New Vehicle Limited Warranty term.
- Additional diagnostic time cannot be claimed for this repair.

Warranty Type	A
Symptom Code	64
Damage Code	9W
Part Number Main Cause	****-66-9C0* (CMU part number)
Quantity	1
Operation Number / Labor Hours:	See table below

		Inspection and CMU replacement	Inspection, CMU replacement and software update
Operation No. / Labor Hours	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.
	CX-9	XXP16ARX / 0.7 Hrs.	XXP17ARX / 0.8 Hrs.
	MX-5	XXP16ARX / 0.6 Hrs.	XXP17ARX / 0.7 Hrs.

ADD: Active Driving Display

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