Service Alert

Mazda North American Operations Irvine, CA 92618-2922



Subject:

MAZDA CONNECT SYMPTOM TROUBLESHOOTING (7TH
GENERATION VEHICLES)

Last Issued: 12/14/2022

BULLETIN NOTES

This service alert supersedes the previously issued service alert listed below. The changes are noted in Red text.

Previous Service Alert:	Date(s) Issued:
SA-004/22	10/04/22, 09/08/22, 08/24/22, 06/09/22, 05/12/22, 04/04/2 2 and 02/01/22
SA-027/21	12/21/21, 09/28/21, 06/24/21 and 04/07/21
SA-027/20	10/16/20, 09/22/20, 09/11/20, 07/16/20, 06/23/20, 04/08/2 0, 03/19/2020 and 02/11/20
SA-042/19	12/12/19 and 09/25/19

APPLICABLE MODEL(S)/VINS:

2019-2023 Mazda3 2020-2023 CX-30 2021-2023 CX-5 2021-2023 CX-9 2022-2023 MX-30 2023 CX-50

DESCRIPTION

Customers having MAZDA CONNECT concerns should have their vehicle repaired using the following repair procedure.

REPAIR PROCEDURE

NOTE: Before proceeding:

- Document the vehicle's current MAZDA CONNECT CMU software version.
- 2019-2022 Models Go to TSB 16-004/22 and confirm the CMU Serial Number is not within the affected range.
- Document customer device Brand/Model/Model Number/software version on the repair order.
- Confirm that the Connectivity Master Unit (CMU) is updated to the latest software version.
 - Go to MGSS -> Infotainment -> MAZDA CONNECT Updates
 - Go to TSB 16-001/20 to view MAZDA CONNECT CMU software fix list.
- If possible, complete any one of the Microsoft Forms Questionnaires. Go to MGSS -> Infotainment -> MAZDA CONNECT Questionnaire.

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- Confirm that the customer's device is compatible. Go to connect.mazda.com -> Support -> Compatibility.
- Confirm that the customer's device is updated to the latest software version.
- If CMU log data collection is necessary, collect the data and continue troubleshooting using this document. If no failure is found, release the vehicle to the customer and inform them that the infotainment system data is being analyzed. Hotline will contact you at a later date with the results.
- Apple Carplay/Android Auto FAQ, go to SA-001/19.
- If you suspect a counterfeit Navi SD card, ask the customer for proof of purchase. It cannot be determined by visually looking at the label. If Mazda Toolbox is used and a counterfeit SD card is detected, the customer VIN may be locked-out.

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No. 1 Blank Screen

Step	Inspection		Result	Action
	Is the Rear View Camera displayed?		Yes	Go to step 2.
1				Refer to No. 2. Rear View Camera is not displayed.
	Press and hold the Power Butt displayed correctly?	on. Is the screen	Yes	Normal Operation.
	Mazda3, CX-30, MX-30	CX-5, CX-9		
2				Go to step 3.
3	Press the "HOME" button. Is the	e HOME screen	Yes	Normal Operation.
	displayed correctly?		No	Go to step 4.
	Using M-MDS, are any infotain	ment system DTC's	Yes	Go to MGSS for DTC diagnosis.
4	stored?	ment system DTCs		2019-2020 vehicles - Go to step 7. 2021-2022 vehicles - Go to step 5.
	Except CX-50 - Go to 16-004/22. Is the CMU Serial		Yes	Replace the CMU per 16-004/22 instructions. Update the replacement CMU to the latest software version (see MGSS -> Infotainment/TCU -> MAZDA CONNECT Updates).
5	Number within the affected range? CX-50 - Go to Step 8			2021-2022 CX-5 and CX-9 - Update CMU software version to 7000C0A-NA03_11040 or later, then go to step 6. 2021-2022 Mazda3, CX-30 and MX-30 - Retrieve CMU log data and contact Hotline for additional support.
	2021-2022 CX-5 and CX-9 - Di	id CMU software	Yes	Repair complete.
6	version 7000C0A-NA03_11040 or later correct customer concern?			Retrieve CMU log data and contact Hotline for additional support.
	2021-Current CX-5 - Inspect connector C-16 for			Repair as necessary.
7	corrosion due to liquid spill. Is corrosion found at C- 16? Other models - Go to next step.			Go to next step.
0	le there a device connected to	the USB port?	Yes	Go to step 9.
8	Is there a device connected to	mie ood holf.	No	Go to step 10.
9	Disconnect the USB device. Does the display function properly after USB device is disconnected?		Yes	USB device is not compatible.

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		No	Go to step 10.
10	ls the connector for the Center Display inserted		Go to step 11.
10	correctly?	No	Insert the connector correctly.
11	Are the connectors for the CMU inserted correctly?	Yes	Go to step 12.
	Are the connectors for the GWO inserted correctly:	No	Insert the connectors correctly.
12	Is the CMU voltage out (PWR CTRL OUT) at 0920-	Yes	Go to step 13.
12	101A Terminal 1S, SB wire, of the CMU normal?	No	Go to step 14.
13	Swap the Center Display with good known vehicle.	Yes	Check / Replace the Center Display.
	Is the screen display normal?	No	Go to step 14.
14	Swap the CMU with good known vehicle. Is the screen display normal?	Yes	 Retrieve CMU log data if possible before replacing the CMU. Document date and time of the condition. Document customer device Brand/Model/Model Number/ software version on the repair order.
			Repair / Replace wiring harness. Go to MGSS View Content -> Wiring Diagram -> Body and Accessories -> Entertainment System.

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No. 2 Rear View Camera is not displayed

Step	Inspection	Result	Action
1	Using M-MDS, are any infotainment	Yes	Go to MGSS for DTC diagnosis.
ı L	system DTC's stored?	No	Go to step 2.
2	Is the vehicle equipped with 360	Yes	Go to step 3.
	View Monitor?	No	Go to step 4.
3	ls the Front Camera and Side	Yes	Check / Replace the 360 View Monitor control unit.
٥	Cameras displayed normally?	No	Go to step 4.
	Are images other than the Rear	Yes	Go to step 5.
	View Camera displayed?	No	Go to No. 1 Blank Screen.
	Go to No 12 How to Check VIN	Yes	Go to step 6.
II I	Does the VIN match to customer vehicle VIN?	No	Swap CMU(s) to correct vehicle(s) or replace CMU.
11 6 1	Is the connector for the Rear View Camera Inserted correctly?	Yes	Go to step 7.
		No	Insert the connector correctly.
7	Is the connector for the Center	Yes	Go to step 8.
	Display Inserted correctly.	No	Insert the connector correctly.
	Are the connectors for the CMU	Yes	Go to step 9.
	Inserted correctly.	No	Insert the connectors correctly.
	Swap the Rear View Camera with good known vehicle. Is the screen	Yes	Check / Replace the Rear View Camera See TSB 09-021/19.
	display normal?	No	Go to Step 10.
10	Swap the CMU with good known vehicle. Is the screen display normal?	Yes	Check / Replace the CMU. Retrieve CMU log data if possible before replacing the CMU. Document date and time of the condition.
		No	Repair / Replace wiring harness. Go to MGSS View Content -> Wiring Diagram -> Body and Accessories -> Entertainment System.

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No. 3 Rebooting

Step	Inspection	Result	Action
	Is the customers device a Doro 7050, 7060 phone that is connected by	Yes	Update CMU software version to 7000C0A-NA01_ 11006 or later.
1	bluetooth?	No	Go to next step.
2	Using M-MDS, are any infotainment	Yes	Go to MGSS for DTC diagnosis.
	system DTC's stored?	No	Go to step 3.
3	Does the reboot continue after	Yes	2019-2020 vehicles - Go to step 6. 2021-2022 vehicles - Go to step 4.
3	removing the Navigation SD card?	No	Check / Replace the Navigation SD card. Go to SA-014/21 if applicable.
	Except CX-50 - Go to 16-004/22. Is the CMU Serial Number within the	Yes	Replace the CMU per 16-004/22 instructions. Update the replacement CMU to the latest software version (see MGSS -> Infotainment/TCU -> MAZDA CONNECT Updates).
	affected range? CX-50 - Go to Step 6	No	2021-2022 CX-5 and CX-9 - Update CMU software version to 7000C0A-NA03_11040 or later, then go to step 5. 2021-2022 Mazda3, CX-30 and MX-30 - Retrieve CMU log data and contact Hotline for additional support.
	2021-2022 CX-5 and CX-9 - Did CMU	Yes	Repair Complete.
5	software version 7000C0A-NA03_ 11040 or later correct customer concern?	No	Retrieve CMU log data and contact Hotline for additional support.
	Is there a device connected to the	Yes	Go to step 7.
U	USB port?	No	Go to step 8.
	Disconnect the USB device. Does the	Yes	USB device is not compatible.
	reboot stop after USB device is disconnected?	No	Go to step 8.
	Does the reboot continue after ignition	Yes	Go to step 9.
سيا	key OFF then back ON?	No	Check / Replace the CMU.

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			Retrieve CMU log data if possible before replacing the CMU. Document date and time of the condition. Document customer device Brand/Model/ Model Number/software version on the repair order.
9	Does the reboot continue after vehicle battery disconnect?	Yes	 Check / Replace the CMU. Retrieve CMU log data if possible before replacing the CMU. Document date and time of the condition. Document customer device Brand/Model/ Model Number/software version on the repair order.
		No	No repair needed.

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No. 4 Infotainment System Has No Sound

Step	Inspection	Result	Action
		Yes	 DTC U3000:49 stored, Mazda3, CX-30 built after 7/1/2021 - Update CMU to CMU_7000C0A-NA06_12012 or later. DTC U3000:49 stored, MX-30 - Update CMU to CMU_7000C0A-NA02_11036 or later. Except DTC U3000:49 - Go to MGSS for DTC diagnosis.
1	Using M-MDS, are any infotainment system DTC's stored?	No	 2021-2022 CX-5 and CX-9 - Update CMU software version to 7000C0A-NA03_11040 or later, then go to step 2. 2021-2022 Mazda3 and CX-30 built after July 1, 2021 - Update CMU software version to 7000C0A-NA06_12012 or later, then go to step 2. 2022 MX-30 - Update CMU software version to 7000C0A-NA02_11036 or later, then go to step 2. Except vehicles listed above - Go to step 3.
		Yes	Repair Complete.
2	 2021-2022 CX-5 and CX-9 2021-2022 Mazda3 and CX-30 2022 MX-30 Did CMU software correct customer concern? 	No	Go to step 3.
	ls sound normal other than navigation	Yes	Go to step 4.
3	guidance?	No	Go to step 5.
4	Can you hear the voice after raising	Yes	Normal Operation.
4	the navigation volume?	No	Go to step 6.
5	Can you hear sound after turning on	Yes	Normal Operation.
	audio mode?	No	Go to step 7.
			Repair complete.
6	Replace the Navigation SD Card. Can you hear voice after Navigation SD Card replacement?	No	Retrieve CMU log data if possible before replacing the CMU. Document date and time of the condition.

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7	Can you hear sound after raising the	Yes	Normal Operation.
	volume of audio?	No	Go to step 8.
8	<< Source: USB/iPod >> Are there any problems with the media and the music files? << Source: Radio >> Are there any problems with the antenna and the reception? << Source: Bluetooth Audio >> Are there any problems with	Yes	<< Source: USB/iPod >> Check the media and the compatible files. << Source: Radio >> Check the antenna, the reception, and the Remote Tuner side. << Source: Bluetooth Audio >> Check the Bluetooth connection and the Bluetooth device.
	Bluetooth?	No	Go to step 9.
9	Go to MGSS "DIAGNOSTIC ASSIST FUNCTION [CONNECTIVITY MASTER UNIT (US)]" and perform Functional Inspection/ Adjustment -> Active Speaker Check Function -> Speaker Inspection Pass?	Pass	 Check / Replace the CMU. Retrieve CMU log data if possible before replacing the CMU. Document date and time of the condition. Document customer device Brand/Model/ Model Number/software version on the repair order.
		Fail	Go to step 10.
	Is the connector for the Speaker(s)	Yes	Go to step 11.
	that failed inserted correctly?	No	Insert the connector correctly.
	Is the connector for the amplifier inserted correctly?	Yes	Go to step 12.
		No	Insert the connector correctly.
11 1 1	Are the CMU connectors inserted	Yes	Go to step 13.
==	correctly?	No	Insert the connectors correctly.
	Swap speakers from good known	Yes	Check / Replace the speakers.
	vehicle. Can you hear sound?	No	Go to step 14.
	Swap the Amplifier from known good	Yes	Check / Replace the Amplifier.
igdash	vehicle. Can you hear sound?	No	Go to step 15.
	Swap the Remote Tuner from known good vehicle. Can you hear sound?	Yes	Check / Replace the Remote Tuner Review the following for possible cause of Remote Tuner failure. • CX-30 - Review SA-035/21 and 09-020/21. • Mazda3 - Review 09-020/21. • CX-5 and CX-9 - Inspect Remote Tuner for external water corrosion. Contact the Mazda National Technical Hotline before attempting any repairs.
		No	Go to step 16.
16	Swap the CMU from known good	Yes	Check / Replace the CMU.

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vehicle. Can you hear sound?		 Retrieve CMU log data if possible before replacing the CMU. Document date and time of the condition. Document customer device Brand/Model/ Model Number/software version on the repair order.
	No	Repair/Replace wiring harness. Go to MGSS View Content -> Wiring Diagram -> Body and Accessories -> Entertainment System.

No. 5 Commander Switch Does Not Work

Step	Inspection	Result	Action
1	sing M-MDS, are any infotainment system	Yes	Go to MGSS for DTC diagnosis.
ı	DTC's stored?		Go to step 2.
2	Does the Commander Switch work	Yes	Go to step 3.
	correctly?	No	Go to step 4.
3	Does the Steering Wheel Switch work	Yes	Normal Operation.
3	correctly?	No	Go to step 5.
4	Is fuse F13 missing?	Yes	Go to SA-025/19.
	is tuse i 13 illissing:	No	Go to step 8.
	Go to MGSS "DIAGNOSTIC ASSIST	Pass	Go to step 6.
5	FUNCTION [CONNECTIVITY MASTER UNIT (US)]" Perform Functional Inspection/Adjustment - > Steering SW Inspection -> Did the Steering SW Inspection Pass?	Fail	Go to MGSS STEERING SWITCH INSPECTION.
6	Is the connector for the CMU inserted	Yes	Go to step 7.
0	correctly?	No	Insert the connector correctly.
7	Swap the CMU from known good vehicle. Does the Steering Wheel Switch work correctly?	Yes	 Check / Replace the CMU. Retrieve CMU log data if possible before replacing the CMU. Document date and time of the condition.
		No	Repair/Replace wiring harness. Go to MGSS View Content -> Wiring Diagram -> Body and Accessories -> Entertainment System.
8	Go to MGSS "DIAGNOSTIC ASSIST FUNCTION [CONNECTIVITY MASTER UNIT (US)]"	Pass	Check / Replace the CMU. Retrieve CMU log data if possible before

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	Perform Functional Inspection/Adjustment - > Touch Pad/Commander Inspection - > Commander switch inspection. Did the Commander switch inspection Pass?		replacing the CMU. • Document date and time of the condition.	
		Fail	Go to step 9.	
9	Is the connector for the Commander Switch	Yes	Go to step 10.	
	inserted correctly?	No	Insert the connector correctly.	
Are the CMU connectors inserted		Yes	Go to step 11.	
10	correctly?	No	Insert the connectors correctly.	
	Swap the Commander Switch with good		Check / Replace the Commander Switch.	
11 known vehicle. Does the Commander Switch work correctly?		No	Go to step 12.	
12	Swap the CMU from known good vehicle. Does the Commander Switch work correctly?	Yes	Check / Replace the CMU. Retrieve CMU log data if possible before replacing the CMU. Document date and time of the condition.	
			Repair/Replace wiring harness. Go to MGSS View Content -> Wiring Diagram -> Body and Accessories -> Entertainment System.	

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No. 6 Bluetooth device will not pair

Step	Inspection	Result	Action
1	Using M-MDS, are any infotainment	Yes	Go to MGSS for DTC diagnosis.
'	system DTC's stored?	No	Go to step 2.
2 Is Bluetooth enabled on the		Yes	Go to step 3.
	customers device?	No	Enable Bluetooth on the customers device.
3	Is the customers device paired to		Go to step 4.
	the vehicle?		Pair the customers device to the vehicle.
4	Is the customers device selected in		Go to step 5.
	MAZDA CONNECT settings?	No	Select the customers device from Bluetooth settings.
_	Delete the device from MAZDA	Yes	Normal Operation.
5	CONNECT and then re-pair it. Does Bluetooth work correctly?	No	Go to step 6.
	Go to connect.mazda.com ->	Yes	Go to step 7.
6	Support -> Compatibility. Is the customers device compatible?	No	The customers device is not compatible.
		Yes	Go to step 8.
7	Does the same symptom occur on another same model/year vehicle?	No	 Check / Replace the CMU. Document customer device Brand/Model/Model Number/software version/occurrence of the condition on the repair order. Retrieve CMU log data if possible before replacing the CMU. Document date and time of the condition.
		Yes	Vehicle operation is normal.
8	Reboot the customers device. Does Bluetooth work correctly?	No	Check / Replace the CMU. Document device model, software version and occurrence of the condition. Retrieve CMU log data if possible before replacing the CMU. Document date and time of the condition. Document customer device Brand/Model/Model Number/software version on the repair order.

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No. 7 Incorrect GPS position

Step	Inspection	Result	Action
	Go to MAZDA CONNECT -> Navi menu, Travel		Normal Operation.
1	Information -> Where Am I? -> Settings -> GPS information -> Check Available Satellites. or Go to MGSS "DIAGNOSTIC ASSIST FUNCTION [CONNECTIVITY MASTER UNIT (US)]" and perform Functional Inspection/Adjustment -> Navi System Inspection -> Check GPS Received Level. Does the Navi system show correct vehicle position?	No	Go to step 2.
	Using M-MDS, are any of the following DTC's stored?	Yes	Go to step 4.
2	- B119F:13, GPS antenna signal circuit malfunction		Go to step 3.
		Yes	Go to step 9.
3	Is the wheel and tire size correct according to the tire label?	No	Swap wheels/tires with correct size. If issue is fixed, inform the customer.
4	Is the GPS antenna connector secured properly?		Go to step 5.
4	is the GF3 afterna conflector secured property?	No	Insert the connector correctly.
5 Is the GPS wiring harness open or shorted?		Yes	Repair / Replace GPS wiring harness.
			Go to TSB 09-021/20.
6	6 Did TSB 09-021/20 resolve the concern?		Repair Complete.
			Go to step 7.
7	Are the CMU connectors secured properly?	Yes	Go to step 8.
	The tile difficulties described property.	No	Insert the connectors correctly.
8	Is the CMU wiring harness open or shorted?	Yes	Repair / Replace CMU wiring harness.
		No	Go to step 9.
			Repair completed.
9	Replace GPS antenna. Does the Navigation system show correct position?	No	Check / Replace the CMU. Document date and time of the condition. Retrieve CMU log data if possible before replacing the CMU.

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			Retrieve CMU backup data if possible before replacing the CMU.
10	Using M-MDS, is DTC B119F:49 stored?	Yes	Go to step 11.
	(Communication error with GNSS)	No	Go to step 13.
11	Are the CMI I connectors secured properly?	Yes	Go to step 12.
_ ' '	Are the CMU connectors secured properly?		Insert the connectors correctly.
		Yes	Repair / Replace CMU wiring harness.
12	Is the CMU wiring harness open or shorted?	No	 Check / Replace the CMU. Document date and time of the condition. Retrieve CMU log data if possible before replacing the CMU. Retrieve CMU backup data if possible before replacing the CMU.
	Check / Replace the CMU.	Yes	Repair completed.
13	 Document date and time of the condition. Retrieve CMU log data if possible before replacing the CMU. Retrieve CMU backup data if possible before replacing the CMU. Did DTC B119F:49 clear?	No	Repair / Replace GPS antenna.

NOTE: Remove aftermarket GPS devices that may interfere with vehicle GPS antenna. Example: Some radar detectors may emit radio waves that interfere with the vehicle GPS antenna.

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No. 8 Voice Recognition Does Not Work

Step	Inspection	Result	Action
1	Using M-MDS, are any infotainment system DTC's	Yes	Go to MGSS for DTC diagnosis.
ı	stored?	No	Go to step 2.
	Go to MGSS "DIAGNOSTIC ASSIST FUNCTION	Pass	Go to step 3.
	[CONNECTIVITY MASTER UNIT (US)]" and perform Functional Inspection/Adjustment -> Steering SW Inspection Pass?	ı Fall	Go to MGSS STEERING SWITCH INSPECTION.
3	Go to MGSS "DIAGNOSTIC ASSIST FUNCTION [CONNECTIVITY MASTER UNIT (US)]" and perform Functional Inspection/Adjustment -> Microphone Inspection -> Did the Microphone Inspection Pass?	Pass	Retrieve CMU log data if possible before replacing the CMU. Document date and time of the condition.
		ı ⊢aıı ı	Go to MGSS MICROPHONE INSPECTION.

No. 9 Cannot Make a Hands-Free Call

Step	Inspection	Result	Action
1	Using M-MDS, are any	Yes	Go to MGSS for DTC diagnosis.
'	infotainment system DTC's stored?	No	Go to step 2.
2	Is Bluetooth enabled on the	Yes	Go to step 3.
	customers device?	No	Enable Bluetooth on the customers device.
	le the quetemore device data	Yes	Go to step 4.
3	Is the customers device data service strength good?	ו ואו ו	Move to a location where data service strength is good and retest.
4 Is the customers device paired to		Yes	Go to step 5.
4	the vehicle?	No	Pair the customers device to the vehicle.
Is the customers device selected Yes		Yes	Go to step 6.
5	in MAZDA CONNECT settings?	No	Select the customers device from Bluetooth settings.
	Delete the device from MAZDA	Yes	Normal Operation.
6	CONNECT and then re-pair it. Does Bluetooth work correctly?	No	Go to step 7.
	Go to connect.mazda.com ->	Yes	Go to step 8.
7	Support -> Compatibility. Is the customers device compatible?	No	The customers device is not compatible.
8	Does the same symptom occur on	Yes	Go to step 9.

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	another same model/year vehicle?	No	Go to step 10.
9	Reboot the customers device. Does Bluetooth work correctly?	Yes	Vehicle operation is normal.
9		No	Go to step 10.
	Is the Bluetooth device in a place	Yes	Move the Bluetooth device away from hidden location.
10	where radio waves may be blocked? (Behind or under a sheet, in a box, in a purse/bag, ext.)	No	Go to step 11.
11	Is the Bluetooth device contacting	Yes	Move the Bluetooth device away from metal objects.
11	or blocked by metal objects?	No	Go to step 12.
	Is a Bluetooth device and a USB	Yes	Disconnect other USB device.
12	device connected at the same time?	No	Go to step 13.
13	Does the problem occur in a specific geological location only?	Yes	Move to a different location. This may be caused by electrical interference by radio stations, specific small power radio stations, or amateur radio stations for mobile identification used in industrial, scientific and medical devices.
		No	Go to step 14.
14	Does the same symptom occur on	Yes	Go to step 15.
14	another Bluetooth device?	No	The customers device is not compatible.
15	Does the voice recognition system operate using other functions such as Bluetooth Audio?	Yes	Check / Replace the CMU. Document customer device Brand/Model/Model Number/software version/occurrence of the condition on the repair order. Retrieve CMU log data if possible before replacing the CMU. Document date and time of the condition.
		No	Go to No. 8 Voice Recognition Does Not Work.

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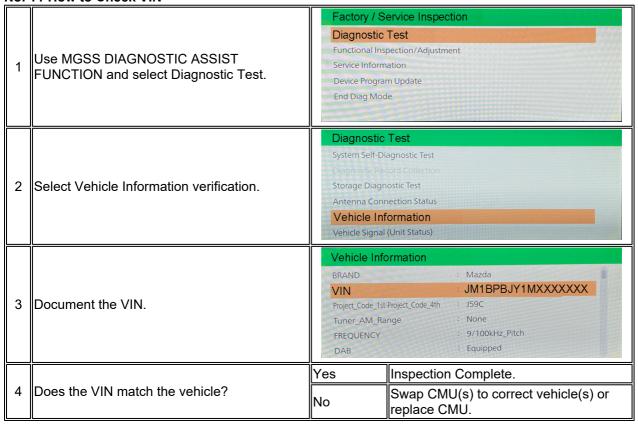
No. 10 Cannot Play Bluetooth Audio

Step	Inspection	Result	Action
	Using M-MDS, are any infotainment	Yes	Go to MGSS for DTC diagnosis
1	system DTC's stored?	No	Go to step 2.
2	Is Bluetooth enabled on the	Yes	Go to step 3.
2	customers device?	No	Enable Bluetooth on the customers device.
	le the queternore device data convice	Yes	Go to step 4.
II 73 I	Is the customers device data service strength good?	No	Move to a location where data service strength is good and retest.
	le the quetemore device bettery	Yes	Go to step 5.
	Is the customers device battery strength good?	No	Connect the customers device to a charger or recharge the device, then retest.
5	Is the customers device paired to	Yes	Go to step 6.
	the vehicle?	No	Pair the customers device to the vehicle.
	Is the customers device selected in	Yes	Go to step 7.
	MAZDA CONNECT settings?	No	Select the customers device from Bluetooth settings.
	Delete the device from MAZDA	Yes	Normal Operation.
7	CONNECT and then re-pair it. Does Bluetooth work correctly?	No	Go to step 8.
	Go to connect.mazda.com ->	Yes	Go to step 9.
	Support -> Compatibility. Is the customers device compatible?	No	The customers device is not compatible.
	Does the same symptom occur on		Go to step 10.
	another same model/year vehicle?	No	Go to step 11.
11 111 1	Reboot the customers device. Does	Yes	Vehicle operation is normal.
	Bluetooth work correctly?	No	Go to step 11.
	Is the Bluetooth device in a place	Yes	Move the Bluetooth device away from hidden location.
11	where radio waves may be blocked? (Behind or under a sheet, in a box, in a purse/bag, ext.)	No	Go to step 12.
12	Is the Bluetooth device contacting or	Yes	Move the Bluetooth device away from metal objects.
12	blocked by metal objects?	No	Go to step 13.
	Is a Bluetooth device and a USB device connected at the same time?	Yes	Disconnect other USB device.
13		No	Check / Replace the CMU. Document customer device Brand/Model/ Model Number/software version/occurrence of the condition on the repair order. Retrieve CMU log data if possible before

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	replacing the CMU. • Document date and time of the condition	n.
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No. 11 How to Check VIN



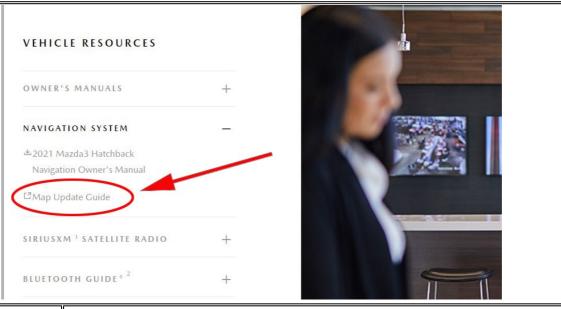
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No. 12 How to update the Navigation SD Card Map

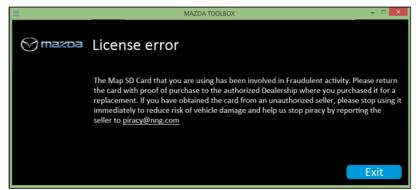
Go to Mazdausa.com

Select Owners \rightarrow How to Use \rightarrow Add vehicle year/model \rightarrow VEHICLE RESOURCES \rightarrow NAVIGATION SYSTEM \rightarrow Map Update Guide

Note: The customer will be instructed to download the Mazda Toolbox App.



License Error message in Mazda Toolbox

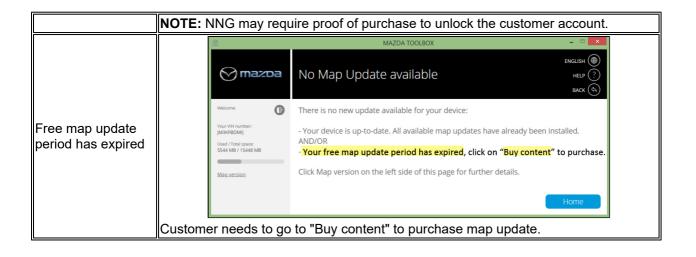


Customer is locked out of map update on Mazda Toolbox due to unauthorized or counterfeit navigation SD card.

How to unlock the customer account in Mazda Toolbox

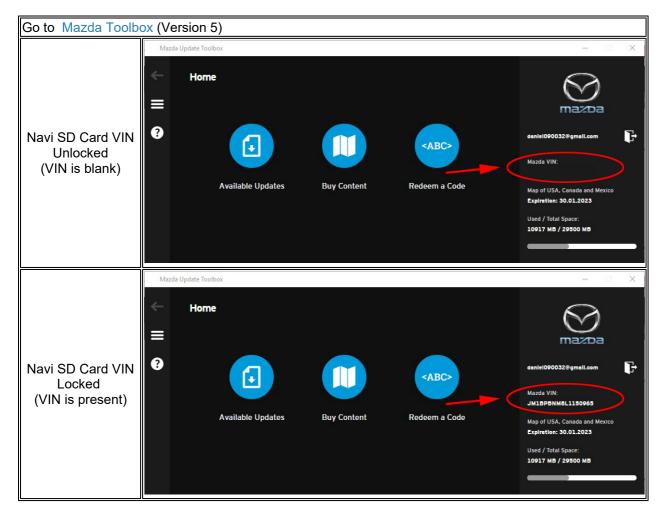
- 1. Purchase a Genuine Mazda Navigation SD card.
- Customer or dealer must contact NNG helpdesk by email at piracy@nng.com and request customer account unlock.

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No. 13 How to Check Navi SD Card VIN Lock



No. 14 How to Report Navigation Map Error or Missing Location

Navigation system does not contain a road that I know it exists and I am certain I have the most recent map update available.

1. Advise the customer to go to mapcreator.here.com

2. Customer will need to create a mapcreator.here.com Log In

Customer can use the HERE website to report map error or missing location. Point, click and report missing address.

Note: Inform the customer that the map correction may take up to 6 months to appear on the latest map update.

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