

<b>Subject:</b>  <b>AUXILIARY KEY BLANK CUTTING PROCEDURE</b>	<b>Service Alert No.: SA-005/26</b>
	<b>Last Issued : 01/26/2026</b>

## BULLETIN NOTES

This Service Alert supersedes the previously issued SA listed below. The changes are noted in Red text.

Previous SA	Date(s) Issued:	Previous SA	Date(s) Issued:
SA-053/24	08/12/24	SA-030/21	06/15/21 and 05/04/21
SA-016/23	03/21/23	SA-004/20	12/14/20, 07/06/20, 05/11/20 and 01/19/20
SA-016/22	04/04/22 and 12/07/22	SA-045/19	10/30/19

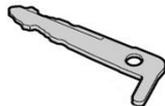
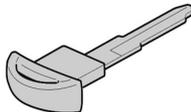
## APPLICABLE MODEL(S)/VINS

2013-2026 CX-5	2016-2021 CX-3	2020-2026 CX-30	2024-2026 CX-90 (All)
2014-2026 Mazda3	2016-2023 CX-9	2022-2023 MX-30	2025-2026 CX-70 (All)
2014-2021 Mazda6	2016-2026 MX-5	2023-2026 CX-50 (All)	

## DESCRIPTION

There are currently 2 methods for cutting a new auxiliary key blank.

- A. Auxiliary Key Trace Cut Method
- B. Auxiliary Key Code Cut Method

Auxiliary Key Blank		
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## NOTE:

- 2019 and newer models require a 10-digit key code to accurately cut keys
- 5-digit codes CANNOT be provided for 2019 and newer vehicles (the traditional 5-digit code from the key tag or driver's door lock cylinder is not sufficient and will not be issued for key cutting on these models).
- Only Mazda-approved key cutting machines can process these 10-digit codes.
- Many older key machines do not support 10-digit codes and cannot be updated to do so. In these cases, dealers will need to purchase one of the newer Mazda-approved key cutting machines capable of handling this requirement.
- For a list of current Mazda-approved machines and purchasing options, refer to the Mazda Dealer Equipment Program or view the current Mazda approved key machines below.

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**REPAIR PROCEDURE**

**A. Auxiliary Key Trace Cut Method**

If only one auxiliary key is lost/missing, some key cutting machines can trace cut a new key blank.

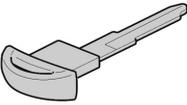
1. Trace cut the new auxiliary key blank(s).

**B. Auxiliary Key Code Cut Method**

If both auxiliary keys are lost/missing, use this method for cutting new auxiliary key blank(s).

1. Confirm you have access to a Mazda approved key cutting machine. See “[Mazda Approved Key Cutting Machine](#)” table.

2. Obtain the key code:

Key Type	Key Code	eMDCS
	Obtain 5-digit key number.	<p>VEHICLE DETAIL</p> <p>VIN:JM3TCBDY3K                      Model / Year: CX9 GT XA / 2019                      Exterior Color: 42S - TITANIUM FLASH MC                      Interior Color: TC4 - SAND                      Engine No: PY 30994298                      Transmission: T1 - 6-SPEED AUTO TRAN                      Emissions: A - 50-STATE                      P.O.E: TA - PORT TACOMA, WA.                      Accessories: AE1 - ALL STATE EMISSION                      SA3 - SIRIUSXM SATELLITE RADIO                      RRL - ROOF RACK SIDE RAILS</p> <p>VIN Status: S - RDR-VIN                      Country: US - UNITED STATES OF AMERICA                      Retail: Dealer 10930 State WA                      Wholesale: Dealer 10169 State WA                      Engine: EY - 2.5L SKYACTIV TURBO                      Drive: 4-WHEEL DRIVE                      IP: TA - PORT TACOMA, WA.                      NV3 - NAVIGATION SYSTEM                      FOL - PORTFOLIO</p> <p>Warranty Start Date: 07-13-2019                      Retail Date: 07-13-2019                      Demo Date:                      Assembly Date: 05-09-2019                      Key Code: 11649</p> <p>NOTE: Key code is also available on key tag and Drivers door key lock cylinder</p>
	Obtain 10-digit key number.	<p>VEHICLE DETAIL</p> <p>VIN:JM1BPALM1L                      Model / Year: M3H 2A / 2020                      Exterior Color: 25D - SNOWFLAKE WHITE PEARL                      Interior Color: BY8 - GREIGE                      Engine No: PY 21441829                      Transmission: T1 - 6-SPEED AUTO TRAN                      Emissions: A - 50-STATE                      P.O.E: WL - PORT WILMINGTON                      Accessories: AE1 - ALL STATE EMISSION                      PDS - PRE-DELIVERY INSPECTION - LEAS                      FOL - PORTFOLIO</p> <p>VIN Status: S - RDR-VIN                      Country: US - UNITED STATES OF AMERICA                      Retail: Dealer XMA02 State                      Wholesale: Dealer XMA02 State                      Engine: EW - 2.5L SKYACTIV G                      Drive: FRONT WHEEL DRIVE                      IP: WL - PORT WILMINGTON                      JCP - SNOWFLAKE WHITE PAINT CHARGE                      RBS - REAR BUMPER GUARD</p> <p>Warranty Start Date: 12-20-2019                      Retail Date: 12-20-2019                      Demo Date:                      Assembly Date: 11-11-2019                      Key Code: <a href="#">Click to reveal</a>                      Resets Left: 3/5 (Resets daily)</p> <p>NOTE: 5-digit key number on key tag and Drivers door key lock cylinder cannot be used to cut an auxiliary key blank.</p>

**NOTE:** For the Pro Master Plus Machine, a new enter key must be inputted prior to the key code. Please input this code in order to proceed with using the key code.

- MZH1 for the 5000 series key code
- MZU1 for the 20000 series key code

Code Series	Input Code
5000	MZH1
20000	MZU1

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LOCK APPLICATION	KEY CODE RANGE	CODE SERIES	# TUMBLER POSITIONS	STANDARD KEY
Master	Cut by Depth	50000's	10	MZH1
Master	Cut by Depth	20000's	10	MZU1

3. Cut the new auxiliary key blank(s).

**NOTE:** If the drivers door key cylinder is damage due to theft/accident, the drivers door lock set is not covered by warranty policy.

- a. Replace the drivers door lock set. Go to MGSS (FRONT DOOR KEY CYLINDER REMOVAL/INSTALLATION).
- b. Update the **KEY CODE** in eMDCS by contacting Mazda Warranty via phone (800-727-6626, option #3) M-F 7am - 4pm PT or by email ([warrantydept@mazdausa.com](mailto:warrantydept@mazdausa.com)) and provide the **VIN** and replacement door lock cylinder **KEY CODE** so that the new drivers door lock set key code can be updated in the eMDCS system.

Replacement Drivers Door Lock Set, Key Code Locations			
5 digits		4 digits*	
			
*Just add "5" as the 1st digit to make the 4-digit to 5-digit			

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**Transportation Lock-out Procedure**

**Auxiliary keys are locked in the vehicle upon receiving.**

1. Perform [B. Auxiliary Key Code Cut Method](#) .

**NOTE:** Only one auxiliary key is necessary to cut in order to enter the vehicle.

2. After retrieving the auxiliary keys from the vehicle, dispose of the newly cut auxiliary key.
3. Submit transportation claim in eMDCS. Claim will be submitted for the creation of the new auxiliary key.

**NOTE:** Claims may be rejected if above procedure is not followed.

For the PC+ Flash Machine, a new enter key must be inputted prior to inputting the key code:

- MZH1 for the 5000 series key code
- MZU1 for the 20000 series key code

**Mazda Approved Key Cutting Machines**

Supplier	Model	Available at	User Manual
MSC	Pro-Source Key Machine	 <p>Mazda Tool and Equipment Website Part # 425-MSC-KM</p>	Click Here
KEYLINE	GYMKANA 994	 <p>Mazda Tool and Equipment Website Part # KYLGYMKANA</p>	Click Here

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