

# Technical Service Bulletin

Mazda North American Operations  
Irvine, CA 92618-2922



<b>Subject:</b> <b>DTC U2050:55 STORED AFTER REPLACING OR REPROGRAMMING TCU</b>	<b>Bulletin No.:</b> 09-013/20
	<b>Last Issued:</b> 11/17/2020

## BULLETIN NOTES

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

Previously issued TSBs:	Date issued:
09-013/20	10/06/20 and 05/08/20
09-013/20	04/10/20

## APPLICABLE MODEL(S)/VINS

2019 Mazda3 vehicles (Japan built) with VINS lower than JM1BP\*\*\*\*\*147656 (produced before June 29, 2019)

2019 Mazda3 vehicles (Mexico built) with VINS lower than 3MZBP\*\*\*\*\*115095 (produced before June 29, 2019)

## DESCRIPTION

When the Telematics Communication Unit (TCU) has been replaced or reprogrammed and the software is updated to ones shown below, DTC U2050:55-TCU (Activation of remote control not implemented) may be stored in memory with the message "In-Vehicle Network Malfunction" displayed in the multi-information display.

- Japan built vehicles: BDGF-67CK2-B or later suffix.
- Mexico built vehicles: BDTS-67CK2-A or later suffix.

**NOTE:** The Description for DTC U2050:55-TCU will be added to MGSS.

This is caused by a communication error between the TCU, the Connectivity Master Unit (CMU), and the Body Control Module (BCM) when the control software in them are not of the version being ready for activation of connected service. To correct this concern, the control software of the TCU, CMU and BCM have been modified.

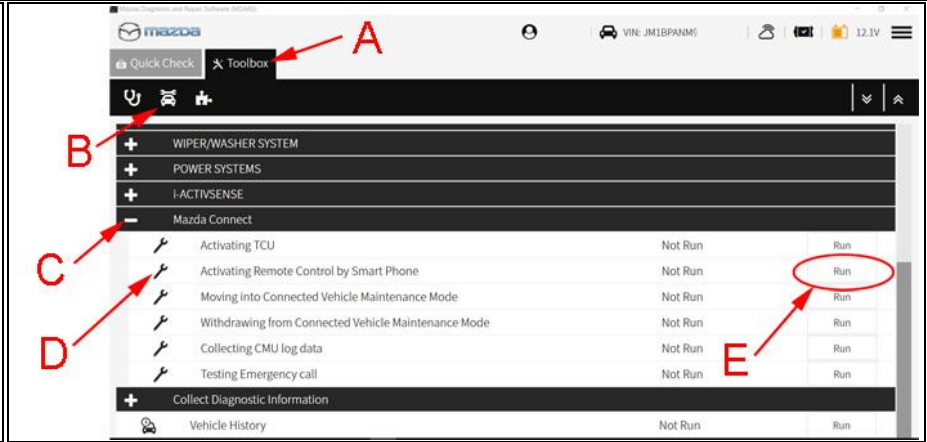
When you encounter this concern, reprogram (update) the BCM and the CMU to the latest version.

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3b. Select the following:  
A. Toolbox  
B. Work support icon  
C. Mazda Connect  
D. Activating Remote Control by Smart Phone  
E. RUN.



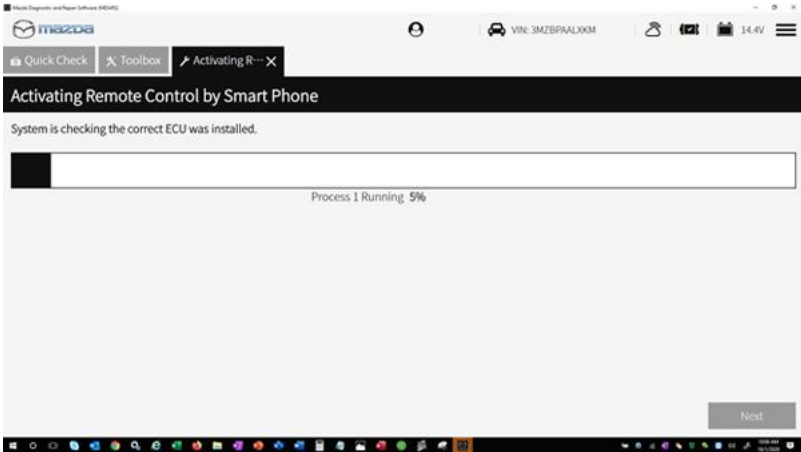
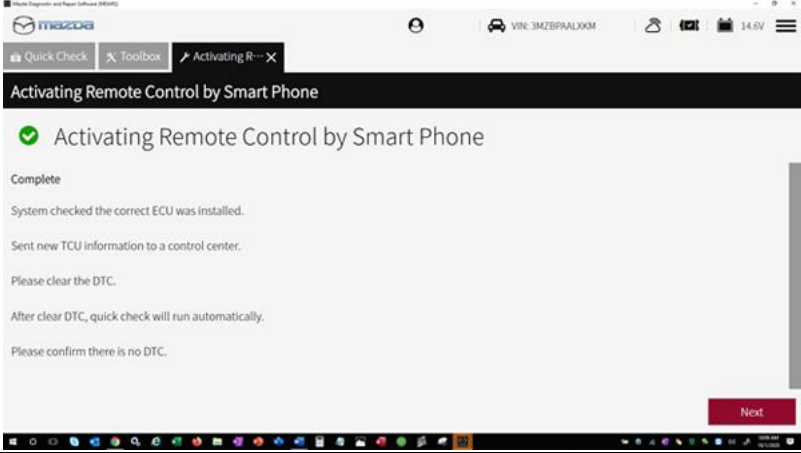

3c. Follow the on-screen instructions.

**NOTE:**

1. If TCU is not being replaced, ignore "Complete installation of new TCU" (a).
2. Battery voltage must be 14-14.5V (b). (see SA-063/20)

The screenshot shows the 'Activating Remote Control by Smart Phone' screen. At the top right, the battery voltage is displayed as 14.4V (labeled b). Below the title, there is a section titled 'Ensure the following action has been taken.' with a list of instructions. The instruction 'Complete installation of new TCU.' is circled in red (labeled a). A 'Next' button is visible at the bottom right of the screen.

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<p>3d. Select Quick Check (A), then start the engine and select the DTC Clear icon (B).</p> <p><b>CAUTION:</b> If the engine is not started, DTC P2610 is stored and cannot be erased.</p>	

4. Verify repair.

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**WARRANTY INFORMATION****NOTE:**

- If the TCU has been replaced for warranty repair, claim additional hours using the labor operation number with "BRT" instead of the last three letters "BRX".
- If the TCU has been reprogrammed for warranty repair, claim additional hours using the labor operation number with "xFT" instead of the last three letters "xFX".

Additional reprogramming	Additional hours
CMU	0.1 Hrs.
BCM	0.1 Hrs.
CMU BCM	0.2 Hrs.

Example:

Replacing TCU	T0524BRX / 0.4 Hrs.
With reprogramming CMU	T0524BRT / 0.5 Hrs.
With reprogramming BCM	T0524BRT / 0.5 Hrs.
With reprogramming CMU BCM	T0524BRT / 0.6 Hrs.

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