

Subject: IMMOBILIZER SYSTEM KEY TRANSMITTER PROGRAMMING IF BOTH KEYS ARE LOST	Service Alert No.: SA-043/21
	Last Issued : 07/01/2021

APPLICABLE MODEL(S)/VINS

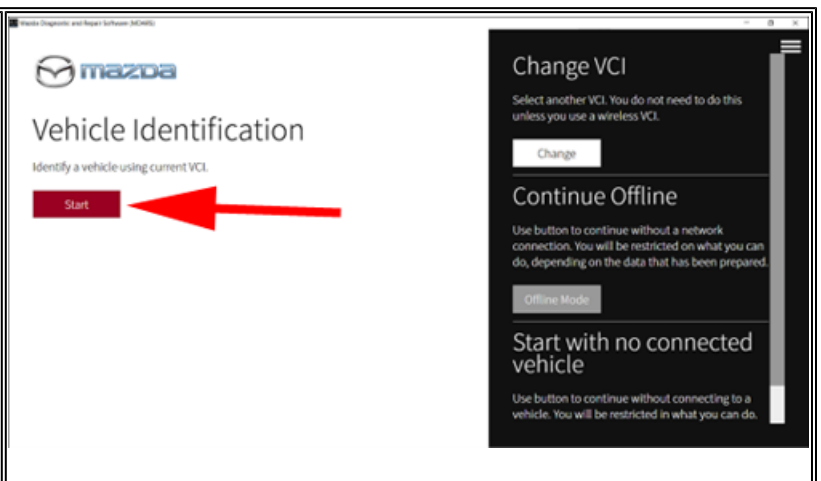
2019-2021 Mazda3

2020-2021 CX-30

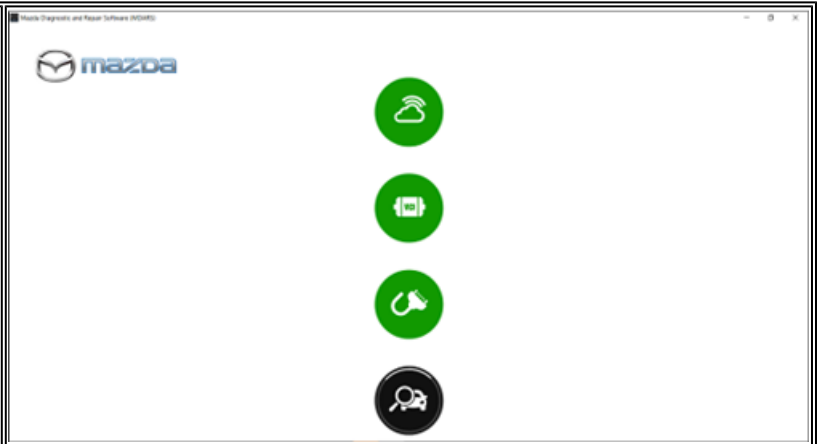
DESCRIPTION

If both key transmitters are lost, MDARS key programming functions may be missing, not allowing new key transmitters to be added. Use the procedure below to program new key transmitters when both keys are lost.

REPAIR PROCEDURE

<ol style="list-style-type: none">1. Connect the M-MDS to the DLC-2.2. Activate the M-MDS.3. Select [Start] to start the vehicle identification.	
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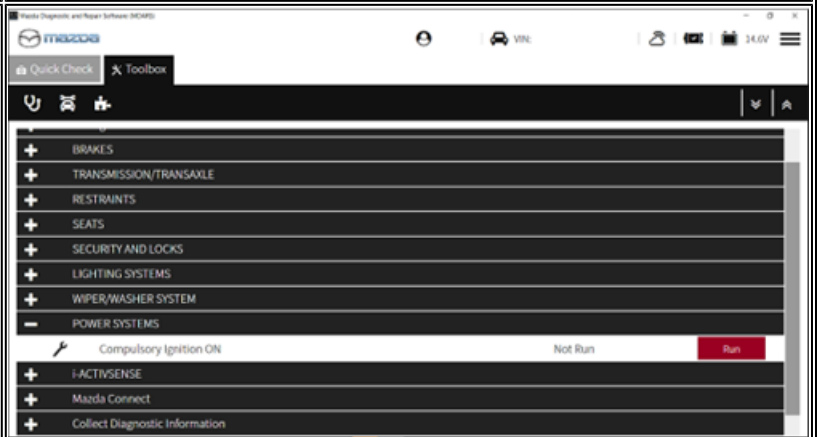
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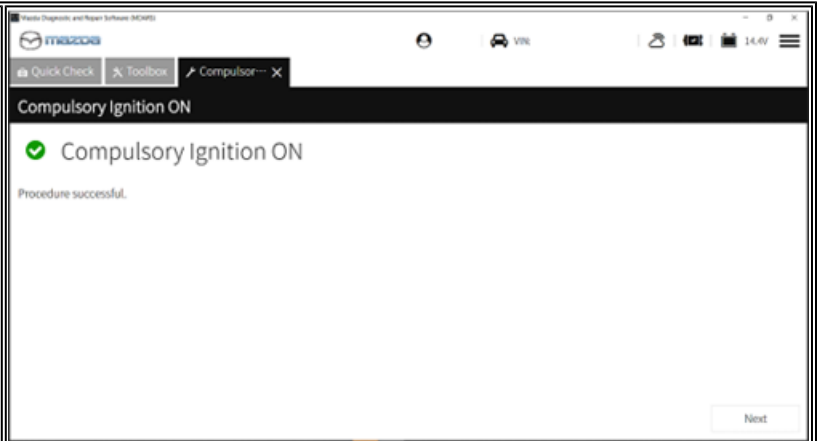
NOTE: Quick Check screen will show modules that are offline. This is normal.



4. Select the [Toolbox] tab.
5. Select POWER SYSTEMS -> Compulsory Ignition ON -> Run

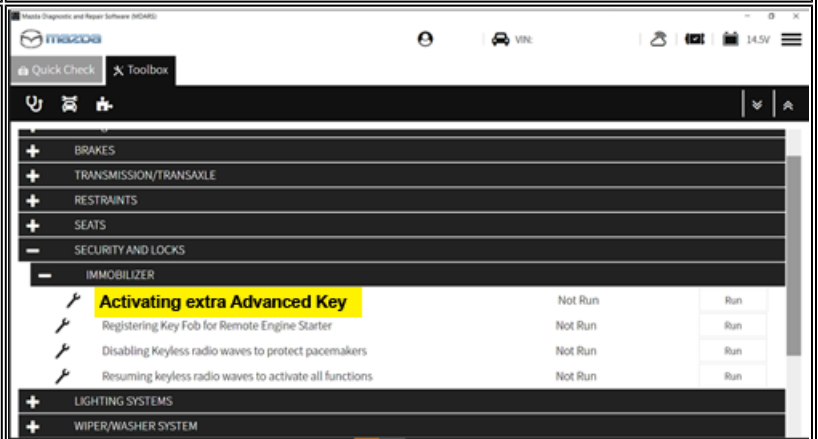


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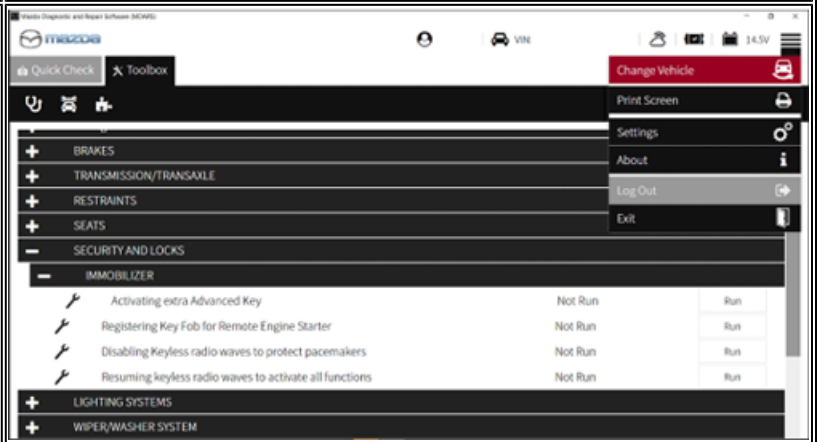
NOTE: After completing “Compulsory Ignition ON”, SECURITY AND LOCKS -> Activating extra Advanced Key function is shown; however, the following functions are missing:

- Deactivating and Activating Advanced Key
- Replacing Immobilizer Related Module



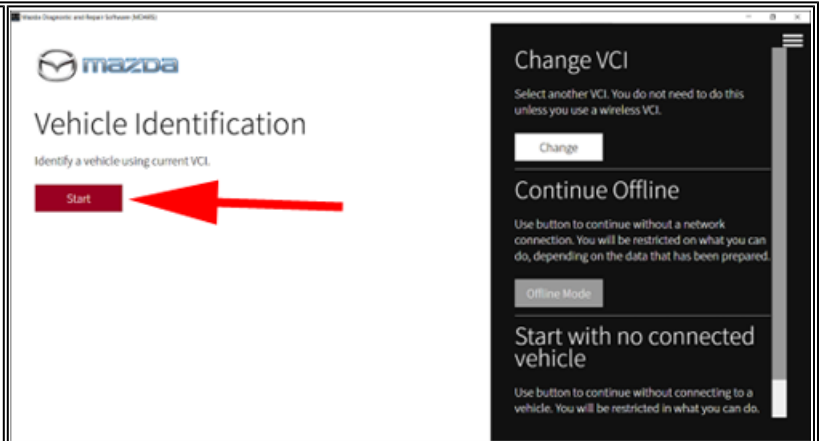
6. With the key in the ON position (KOEO), end the current session and start a new MDARS session.

- Select the Control Menu button on the right and select “Change Vehicle”



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b. Select "Start" to begin a new session

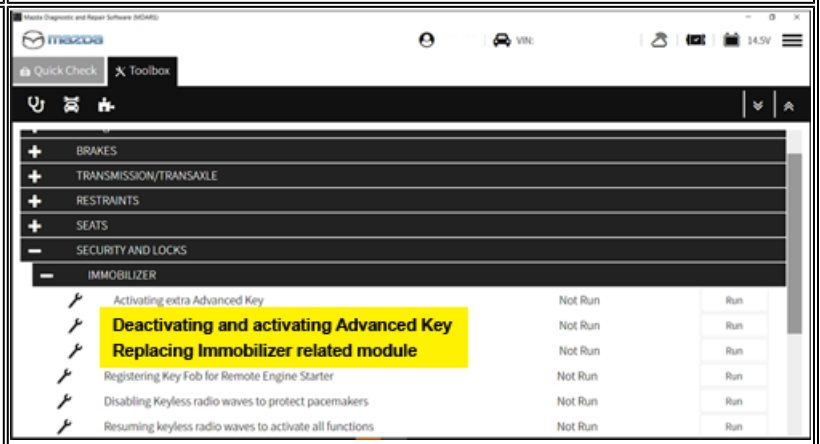


NOTE: Once the new session is launched, the Quick Check screen will now show a change as modules are now online



All immobilizer menu items are now visible

7. Program new key transmitters by selecting "Deactivating and activating Advanced key"
See MGSS [IMMOBILIZER SYSTEM-RELATED PARTS PROGRAMMING \[\(US\)\]](#)



Additional Resources:

- [MDARS User Guide](#) -> Immobilizer System Related Functions

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