



Technical Service Bulletin

SUBJECT:		No: TSB-23-54-002	
ENGINE START DELAY WHEN USING REMOTE START		DATE: March 2023	
		MODEL: 2022-23 Outlander	
CIRCULATE TO:	<input type="checkbox"/> GENERAL MANAGER	<input checked="" type="checkbox"/> PARTS MANAGER	<input checked="" type="checkbox"/> TECHNICIAN
<input checked="" type="checkbox"/> SERVICE ADVISOR	<input checked="" type="checkbox"/> SERVICE MANAGER	<input checked="" type="checkbox"/> WARRANTY PROCESSOR	<input type="checkbox"/> SALES MANAGER

PURPOSE

This bulletin provides instructions to update the BCM configuration for Remote Engine Start.

BACKGROUND

When using the Remote Start feature it may take a moment to start. The BCM configuration has been modified to remedy the delay start via a smartphone. Please reprogram the BCM configuration on a customer complaint basis.

AFFECTED VEHICLES

Certain 2022-23 Outlander (VIN Cut-off JA4J3UA83PZ014031)



ATTENTION:

- Turn off all electrical devices to minimize the vehicle's electrical load. Also use an external power source to ensure that the vehicle battery maintains the specified voltage during reprogramming. Low voltage of the auxiliary battery may cause incomplete reprogramming and should that occur the ECU may require replacement.
- Write down all the customer's electrical device settings such as A/C and radio before reprogramming and restore them after reprogramming.
- Connect the MUT-3 to an AC power source to prevent internal battery discharge.
- Before using, make sure the USB cable and MUT-3 main harness are not damaged.
- Do not perform maintenance work in the engine room during reprogramming. If the connection between the engine ECU and ETACS is lost, the cooling fan operates as fail-safe.
- Check the "All DTC" after reconfiguration and erase them (if any).

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EQUIPMENT

- The following equipment is needed to reconfigure the BCM:
- VCI (Vehicle Communication Interface) or VCI Lite - MB991824 or MB992744
- MEDIC Laptop/Tablet with A/C power adapter - 520924, or FZG1MK2
- MUT III Main Harness "A" (blue connector at the DLC end) - MB991910 or MB992745
- USB 2.0 Cable - MB991827 or MB992747
- MEDIC 3.5/4 update at **786** or higher
- For Standalone MUT III units, MUT-III SE Reprogramming Database **SEW22031-00** or higher

CONFIGURATION CHART

Version	Description
SEW22031-00	BCM Reconfiguration

SOFTWARE/MEDIC VERSION VERIFICATION PROCEDURE

1. Verify that the BCM has not already been updated to the latest version listed in the chart above. If the BCM is at the latest level, reconfiguration is not necessary.

For MEDIC 3.5/4 users only: (MUT-III SEV users go to step 5)

2. Verify the MEDIC 3.5/4 is at version 3.5 and at update **786** or higher.
If your **MEDIC 3.5/4 update is at least 786**, continue with the Procedure. If your **MEDIC 3.5/4 update is below 786**, update your MEDIC as follows:



PROCEDURE

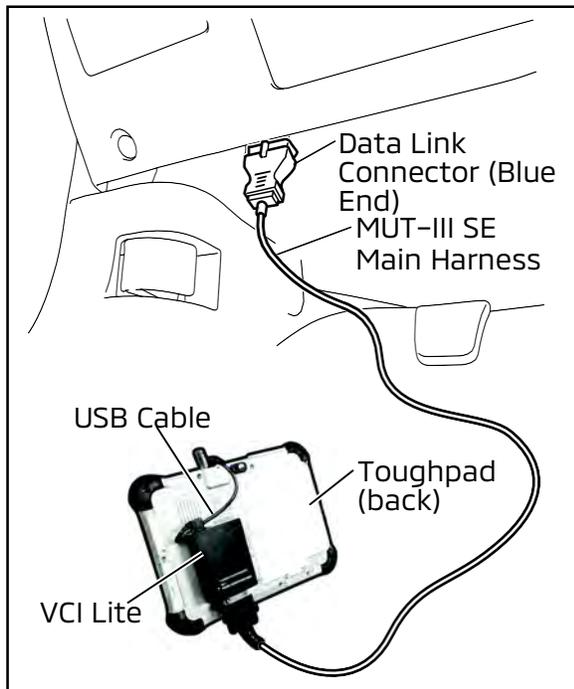


To ensure that the vehicle battery maintains 12V during the procedure, hook-up a battery charger to the vehicle during the procedure.

NOTE: VCI Stand-alone reprogramming is not available for this procedure. The laptop/tablet and the VCI must remain connected for the entire procedure.

1. Connect the equipment as follows:

NOTE: VCI Lite and MEDIC 4.0 Toughpad shown for illustration purposes only.

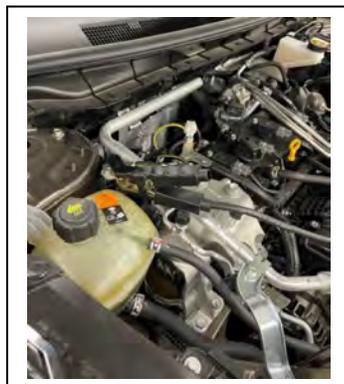


- Turn the MEDIC PC/tablet on. If the battery indicator in the lower right hand corner of the screen does not show a full charge, it is recommended that either the battery be charged prior to beginning or be used with the A/C power adaptor connected.
- Connect the USB cable to the VCI/VCI Lite. When the laptop/tablet displays the MUT-III SE main screen, connect the USB cable to the device.
- Connect the MUT-III SE main harness with the blue DLC connection to the VCI/VCI Lite. Connect the blue connection of the MUT-III SE main harness to the vehicle's data link connector.
- For VCI only (p/n MB991824): Turn the VCI power switch ON. Verify that the indicator lamp in the upper right corner of the screen is green.



DO NOT DISTURB THE HARNESS CABLES OR CONNECTIONS DURING THE RECONFIGURATION PROCESS AS IT COULD CAUSE THE CONTROL UNIT TO LOSE DATA. IF THE USB CABLE IS DISCONNECTED DURING THIS PROCEDURE, A WARNING MESSAGE WILL DISPLAY.

NOTE: Due to limited space it may be easiest to connect battery charger cable onto ground point.

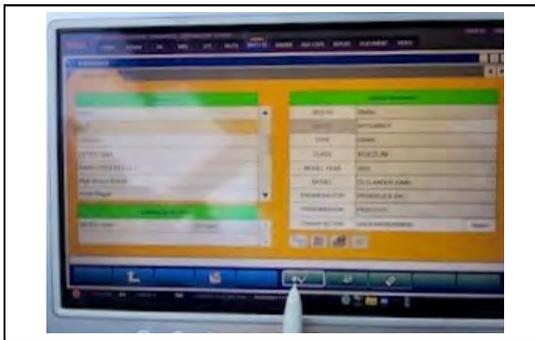


2. Turn the ignition switch to the "ON" position.

a. Press MUT-III SE STV icon.



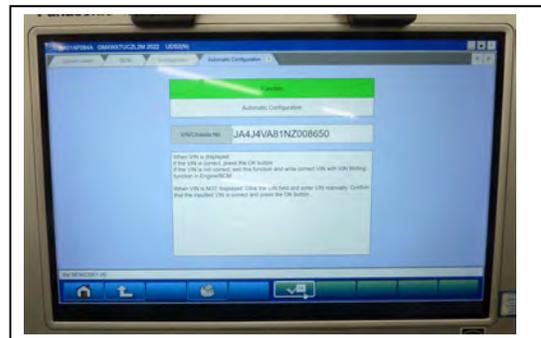
b. Select BCM from System list once vehicle information is verified.



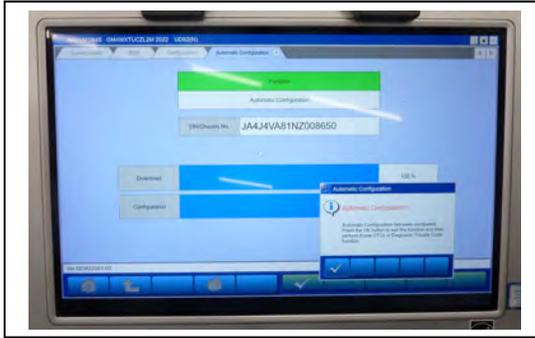
c. Press "Configuration" button.



d. Press the "Automatic Configuration" followed by the "OK" button.



e. The download progress bar will display followed by a automatic configuration notification upon completion.



Version	Description
SEW22031-00	BCM Reconfiguration

WARRANTY

This bulletin is supplied as technical information only and is not an authorization to repair. If an affected vehicle is reported with the described condition, diagnose the condition, repair as described in this bulletin, and submit a normal warranty claim using the information below.

Operation Code	Operation	Quantity	Work Time
548501KJ	Update BCM Reconfiguration	1	0.3H