



NUMBER: 08-194-22

GROUP: 08 - Electrical

DATE: October 25, 2022

This bulletin is supplied as technical information only and is not an authorization for repair. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, or otherwise, without written permission of FCA US LLC.

This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) 22-201, date of issue October 25, 2022. All applicable Sold and Un-Sold RSU VINs have been loaded. To verify this RSU service action is applicable to the vehicle, use VIP or perform a VIN search in DealerCONNECT/Service Library. All repairs are reimbursable within the provisions of warranty. This RSU will expire 18 months after the date of issue.

SUBJECT:

Radio VIN Lock

OVERVIEW:

This bulletin involves performing a VIN Lock procedure.

MODELS:

2021 - 2022	(WL)	Jeep Grand Cherokee
2022	(D2)	RAM 3500 Pickup
2022	(DD)	RAM 3500 Cab Chassis
2022	(DF)	RAM 3500 <10K Cab Chassis
2022	(DJ)	RAM 2500 Pickup
2022	(DP)	RAM 4500/5500 Cab Chassis
2022	(DT)	RAM 1500 Pickup
2022	(VF)	RAM ProMaster
2022	(WS)	Grand Wagoneer/Wagoneer

NOTE: This bulletin applies to vehicles within the following markets/countries: North America.

NOTE: This bulletin applies to vehicles built on or after February 24, 2021 (MDH 0224XX) or before June 13, 2022 (MDH 0613XX) equipped with one of the following radios:

- Uconnect 5 Nav W 12" Display (Sales Codes UBQ or UEQ).
- Uconnect 5 Nav W 10.1" Display (Sales Codes UBN or UEN).
- Uconnect 5 W 8.4 Display (Sales Codes UEF or UBF).
- Uconnect 5 Nav W 8.4" Display (Sales Codes UBL or UEL).

SYMPTOM/CONDITION:

Customers may describe one or more of the following:

- Connected features are inoperable.
- Radio not receiving Firmware Over The Air (FOTA) updates.

DIAGNOSIS:

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in DealerCONNECT/Service Library, verify all related systems are functioning as designed. If Diagnostic Trouble Codes (DTCs) or symptom conditions, other than the ones listed above are present, record the issues on the repair order and repair as necessary before proceeding further with this bulletin.

If a customer's VIN is listed in VIP or your RSU VIN list, perform the Repair Procedure. **This RSU only applies to vehicles on the RSU VIN list.**

REPAIR PROCEDURE:

1. Perform the Radio/ETM Vin Lock Procedure. On the wiTECH Home Screen Topology Tab, Select "RADIO" or "ETM" depending on vehicle architecture (Fig. 1) .

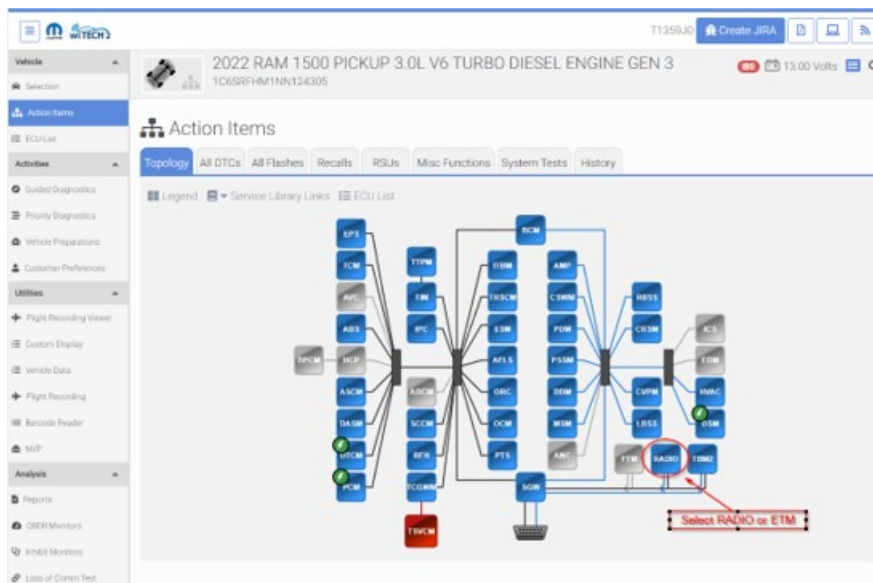


Fig. 1
Select Radio Or ETM

2. Select “Misc Functions” tab (Fig. 2) .

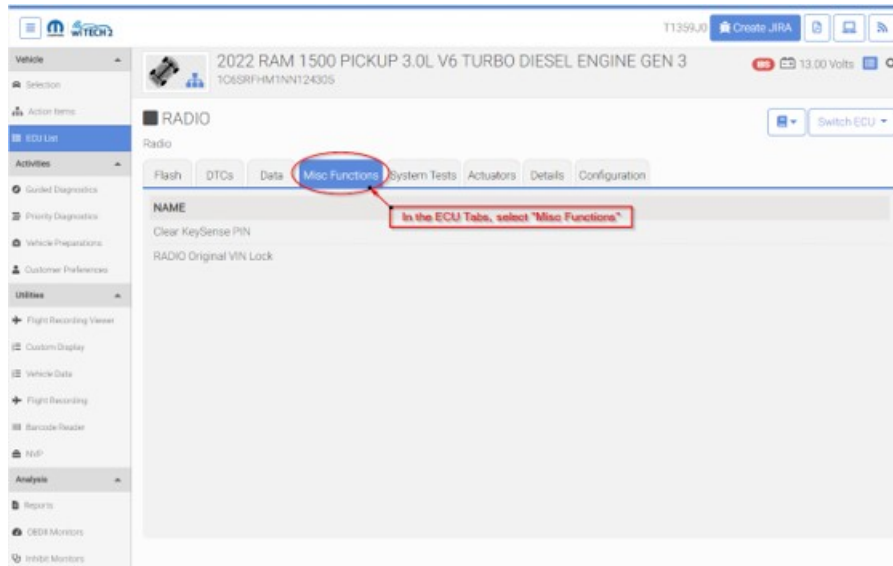


Fig. 2
Misc Functions Tab

3. Select “Radio Original VIN Lock” or “ETM Original VIN Lock”, depending on vehicle architecture (Fig. 3) .

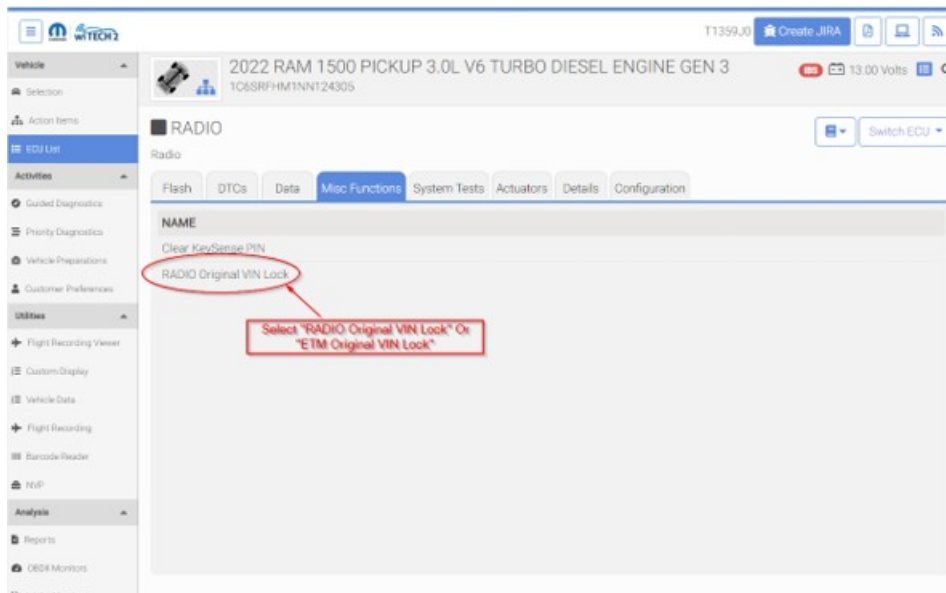


Fig. 3
Radio Original VIN Lock Or ETM Original VIN Lock

4. Click “Continue” (Fig. 4) .

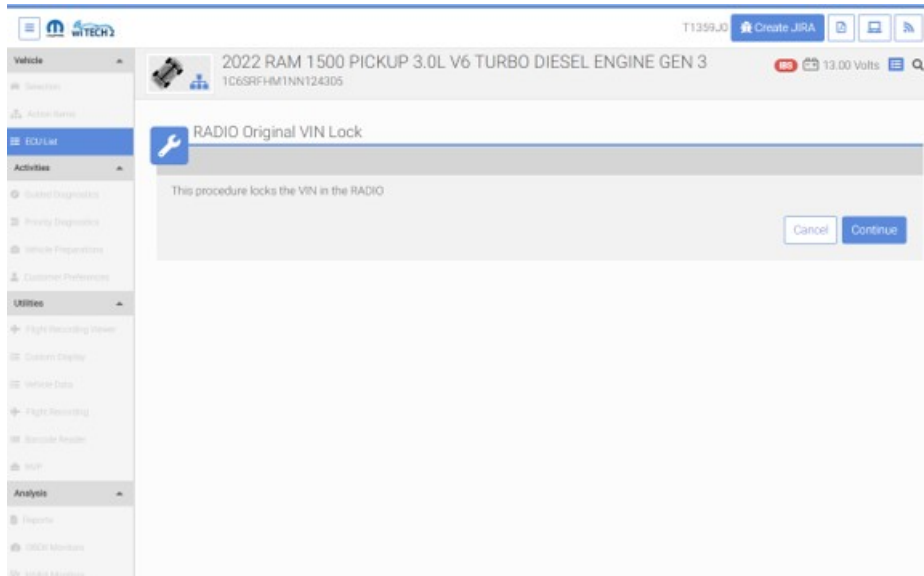


Fig. 4
Continue Screen

NOTE: The procedure lasts a few seconds before updating status (Fig. 5) .

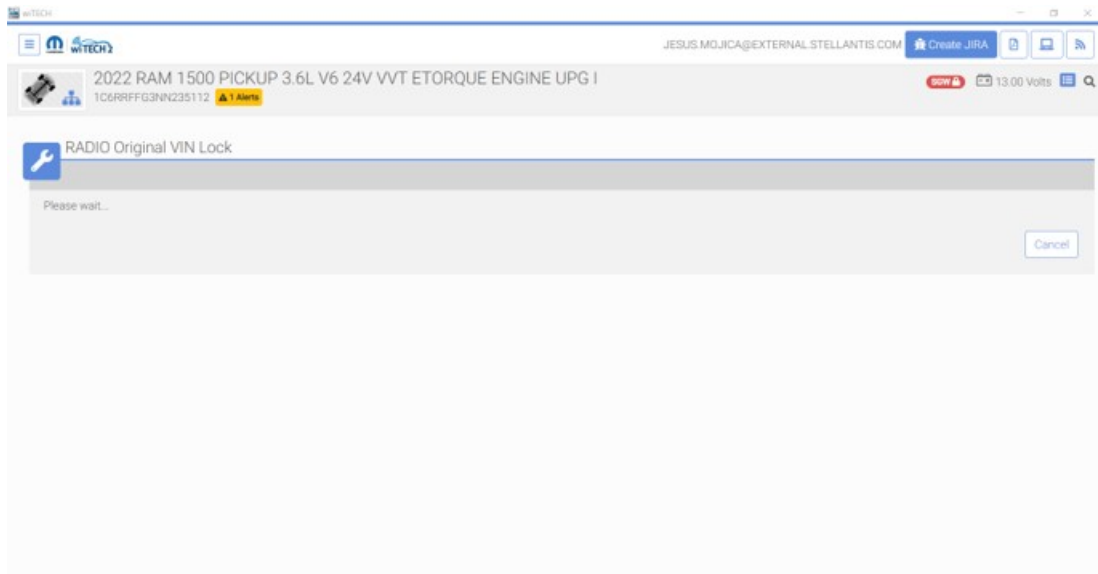


Fig. 5
Updating Screen

5. Once VIN Lock procedure is complete, select “Close” (Fig. 6) .

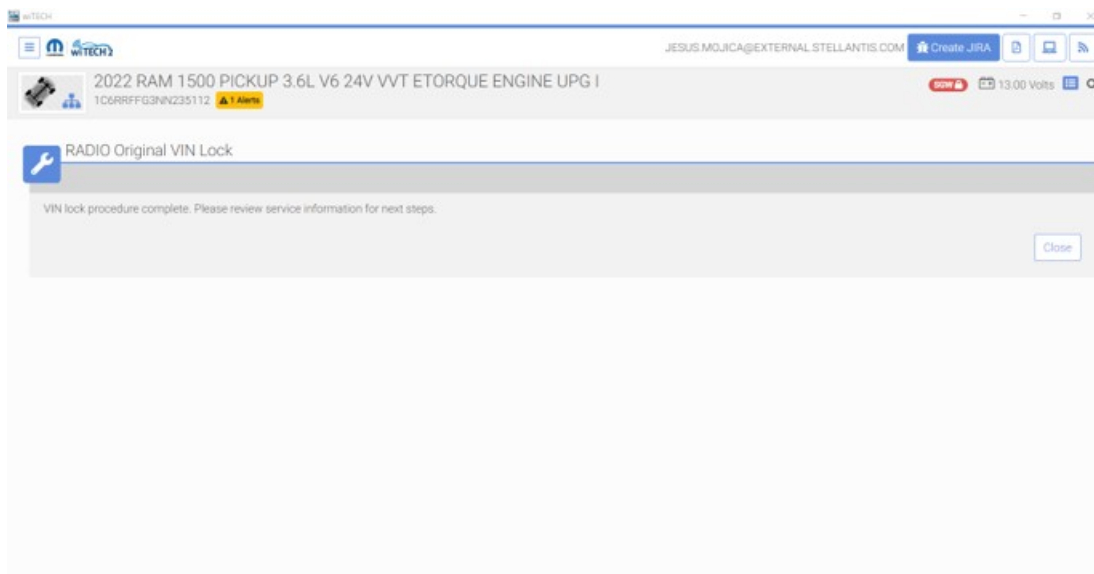


Fig. 6
Update Complete Close Screen

6. Run the vehicle for ten minutes.
7. Select the “Data” tab and verify that the VIN Lock state value is “VIN locked by odometer”. At this point, the VIN is LOCKED to the ECU.

NOTE: If the VIN is not locked “NOT PRESENT” will be displayed.

8. Enter Radio/ ETM Dealer Mode by following these steps:
 - Turn the screen off using the designated “Screen Off” button on the far right. **Do NOT press the power button in the center of the volume knob to turn the screen off.**
 - Hold down the lower left and upper right corners of the screen for 5-10 seconds.
9. Verify the dealer screen in the radio for the ECU Certificate to shows “Present”.
10. Clear any Diagnostic Trouble Codes (DTCs) that may have been set.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
18-60-02-H8	Perform Radio Original VIN Lock Routine (0 - Introduction)	6 - Electrical and Body Systems	0.3 Hrs.

FAILURE CODE:

ZZ	Service Action
----	----------------