STELLANTIS PARTS & SERVICES	**Technical Service Bulletin (TSB)** **Flash: Radio Frequency Hub Module (RFHM) Updates**

REFERENCE:	**TSB:** 08-124-23 **GROUP** 08 - Electrical	**Date:**	May 18, 2023	**REVISION:**	–

VEHICLES AFFECTED:	**2023 (LA) Dodge Challenger** **2023 (LD) Dodge Charger** **This bulletin applies to vehicles equipped with:** • 6.2L Supercharged HEMI V8 SRT Engine (Sales Code ESD). • 6.2L V8 Supercharged HO Engine (Sales Code ESJ). • 6.4L V8 SRT HEMI Engine (Sales Code ESH). • 6.4L V8 SRT HEMI MDS Engine (Sales Code ESG).	**MARKET APPLICABILITY:** ☒NA ☐MEA ☐SA ☐IAP ☐EE ☐CH
CUSTOMER SYMPTOM:	**The customer may describe that they heard about these vehicles that can be unlawfully driven away by thieves when they are able to program new key fobs through the RFHM.** **Software enhancement include:** • Update to the RFHM software to prevent hackers from programming their own key fob to the vehicle. • This is intended to deter an unwanted drive off of the vehicle without the customers knowledge.	
CAUSE:	**RFHM Software.**	

This bulletin involves reprogramming the RFHM with the latest software available.

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
18-19-12-AF	Module, Radio Frequency Hub (RFHM) - Reprogram (0 - Introduction)	6 - Electrical and Body Systems	0.2 Hrs.
Failure code	CC	Customer Concern	

The dealer must use failure code CC with this Technical Service Bulletin.

• If the customer's concern matches the SYMPTOM identified in the Technical Service Bulletin, failure code CC is to be used.
• When utilizing this failure code, the 3C's (customer's concern, cause and correction) must be provided for processing Technical Service Bulletin flash/reprogramming conditions.

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 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 the customer requests the anti-theft enhancement, perform the repair procedure.

WARNING! Performing this RFHM update will affect additional key fob programming and this must be communicated to the customer before performing this RFHM update. After this RFHM update is performed, if additional keys are requested by the customer, there must be one valid programmed key present at the vehicle to enable programming of additional keys. If all keys are lost or not available, the replacement of the RFHM is required to program additional keys to the vehicle.

SPECIAL TOOLS/EQUIPMENT:

Description	Ref. No.	Notes
wiTECH or Equivalent	–	–

REPAIR PROCEDURE:

NOTE: Install a battery charger to ensure battery voltage does not drop below 13.2 volts. Do not allow the charging voltage to climb above 13.5 volts during the flash process.

NOTE: If this flash process is interrupted/aborted, the flash should be restarted.

1. Reprogram the RFHM with the latest software. Detailed instructions for flashing control modules using the wiTECH Diagnostic Application are available by selecting the application' "HELP" tab.

2. Clear all DTCs that may have been set in any module due to reprogramming. The wiTECH application will automatically present all DTCs after the flash and allow them to be cleared.

POLICY:
Reimbursable within the provisions of the warranty.