



STAR ONLINE PUBLICATION



Case Number: S2408000018 REV. B

Release Date: May 2026

Symptom/Vehicle Issue: New Key Will Not Program, 0x22 Scan Tool Error

Models Affected:

2023 Challenger (LA)	2024 – 2026 Durango (WD)
2023 Charger (LD)	2022 – 2026 Ram Promaster (VF)
2023 300 (LX)	2023 – 2024 Ram (DT)

Technician Observation: The technician trying to add a confirmed recently ordered Mopar key. When programing the scan tool responds with an 0x22 error code.

Repair Procedure: Verify the vehicle has the LEVEL 2 security software within the RFHUB. This software restricts adding a key unless an original key is present and be placed against the KIN within 10 seconds (**do not push**) to start the programming process and unlock the secure module. If the original programmed key is not available a replacement RFHUB and keys would be required (see pg 2).

NOTE: On vehicles that get 0x22 response when adding a key and the **original key is available**, check to see if the vehicle is equipped with an Intrusion Transceiver Module (ITM) and update the module to the most current software and then continue with the add a key function.

Below RFHUB Level 2 security software:

68630821AA 2023 LA LD LX RFHUB SECURITY NON-REMOTE ST N RFHUB
68630822AA 2023 LA LD LX RFHUB SECURITY REMOTE ST NAFTA RFHUB
68630823AA 2023 LA RFHUB SECURITY MANUAL TRANS NAFTA RFHUB
68619828AA 2023 - 2024 DT RFHUB ANTITHEFT RS NAFTA LATAM RFHUB
68619833AA 2023 - 2024 DT RFHUB ANTITHEFT IA NAFTA LATAM RFHUB
68643350AB 2024 – 2026 WD RFHUB W/SECURITY
68516285AE 2022 – 2026 VF RFHUB W/SECURITY

This document does not authorize warranty repairs. This communication documents a record of past experiences. STAR Online does not provide any conclusions about what is wrong with the vehicle. Rather, it captures all previous cases known that appear to be similar or related to the vehicle symptom / condition. You are the expert, and you are responsible for deciding on the appropriate course of action.

Contact STAR Center, or your Technical Assistance Center Via TechCONNECT or eCONTACT ticket if no solution is found



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2023 DODGE CHALLENGER 6.2L V8 SUPERCHARGED HO ENGINE
2C3CDZL94PH525413

IBS

0.00 Volts



Example



Program Ignition FOBs

Press the FOB to be identified against the Start/Stop button, and press continue.

Cancel

Continue

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