



## STAR ONLINE PUBLICATION



**Case Number:** S2308000091

**Release Date:** July 2023

**Symptom/Vehicle Issue:** Key Programming, Lost Keys, Tool Response 0x22 Negative Response

**Technician Observation:** The owner is requesting to have new keys programmed.

**Discussion:** There are two methods for programming keys, if the vehicle is equipped with Keyless Go - Passive Entry (PE) sales code GX4, programming is done through the Radio Frequency HUB (RFHUB). If the vehicle does not have Keyless Go, the programming is done through the Body Control Module (BCM) view – Service Library (SL) Electronic Control Modules>Standard Procedure>Module Replacement Guide.

**RFH**  
Radio Frequency Hub

Flash DTCs Data Misc Functions System Tests Actuators Details Configuration

**NAME**

- Clear events log to Passive Entry, Remote Control and Uconnect
- Clear TPM Sensor Audit
- Clear TPM Sensor Warnings
- Disable Fobiks
- Door Handle Verification Test
- Enable Fobiks

**BCM**  
Body Controller

Flash DTCs Data Misc Functions System Tests Actuators Details Configuration

**NAME** ▾

- Transfer secret key to ESL / ECM
- Restore Vehicle Configuration
- Program Keys

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**