STAR ONLINE PUBLICATION

Case Number: S2608000037

Release Date: October 2026

Symptom/Vehicle Issue: Negative Response 0X33 - Security Access Denied When Flashing BPCM With wiTECH

Models Affected:

2026 Jeep Cherokee (KM)

Discussion: When attempting to flash the BPCM with wiTECH, the flash may fail with a Negative Response 0x33 - Security Access Denied failure message. This will not allow the Battery Pack Control Module (BPCM) to be updated to the latest software. This issue may be caused by an issue with the current bootloader software.

Diagnosis: Select the BPCM from topology in wiTECH. Click on the “Details” Tab.

Vehicles with suspect bootloader software will have the following software shown:

FCA ESLM ECU Software Number: 05193204AH (or earlier)
Boot SW – Year: 24
Boot SW – Week: 48
Boot SW – Patch Level: 00 or 03

(See example on page 2.)

Note: If BPCM software is at 05193204AJ or later, this SOL does not apply.

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 case details 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, eCONTACT or Service Library entry if no solution is found.

Flash | DTCs | Data | Misc Functions | System Tests | Actuators | Details | Configuration

NAME	VALUE
Diagnostic Variant	00 0B
Diagnostic Version	00 00 00 03
Supplier ID	Panasonic
Supplier Manufacturer ECU Software Version Number	9020
Supplier Manufacturer ECU Hardware Version Number	4
EBOM ECU Part Number	05193204AE
FCA ESLM ECU Software Number	05193204AE
(0xF188) FCA ESLM ECU Software Number	05193204AE
ECU Serial Number - Data Identifier	T
ECU Serial Number - Supplier Option	00
ECU Serial Number - Component Code	PP
ECU Serial Number - Day of Year	320
ECU Serial Number - Calendar Year	4
ECU Serial Number - Sequence Number	A00160
Number of Boot Software Logical Blocks	1
Boot SW- Year	24
Boot SW - Week	48
Boot SW - Patch Level	00
Boot SW - Identification	MF70C BF05
Certificate Store UUID	5D B6 26 60 96 60 11 EF B2 8D FC 9A 85 04 13 15

Example Of Suspect Application Software And Bootloader

Repair: WiTECH cannot update the bootloader software. Your Tech Advisor (TA) OR Field Service Consultant (FSC) must perform this update **on-site with CDA**.

Open a new case with STAR Center. Reference this SOL number and provide screenshots of the 0x33 failure message along with BPCM “Details” tab (as shown in example). STAR will escalate the case to your TA or FSC. Assigned field personnel will then need to put in an FTS Support Request for the Electrified Powertrain Team. FTS will review details and provide instructions and appropriate flash files to update the bootloader and application software.

Once the bootloader has been updated. WiTECH will be able to complete all future flash updates normally without TA or FSC intervention.

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