



**NUMBER:** 24-007-21

**GROUP:** 24 - Heating and Air Conditioning

**DATE:** May 21, 2021

*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 bulletin supersedes Technical Service Bulletin (TSB) 24-006-19, date of issue June 19, 2019, which should be removed from your files. All revisions are highlighted with **\*\*asterisks\*\*** and include additional model years and vehicles, Symptom/Conditions, software enhancement and LOP.**

**SUBJECT:**

Flash: HVAC Diagnostic and System Updates

**OVERVIEW:**

This bulletin involves reprogramming the HVAC control module with the latest available software.

**MODELS:**

**2020 - 2021	(JT)	Jeep Gladiator**
2018 - **2021**	(JL)	Jeep Wrangler

**NOTE: This bulletin applies to vehicles within the following markets/countries: North America, LATAM, APAC and EMEA.**

**NOTE: \*\*This bulletin applies to vehicles built on or before September 30, 2020 (MDH 0930XX) equipped with Air Conditioning (Sales Code HAA) or Air Conditioning W/Auto Temp Control (Sales Code HAB)\*\*.**

**SYMPTOM/CONDITION:**

The customer may notice one or more of the following:

- **\*\*Intermittent change of smell or humidity level in vehicle.**
- **An intermittent blast of warm air when A/C is on.\*\***
- **Intermittent increase of outside air through the HVAC system.**

**\*\*In addition, the following software enhancement is also available:**

- **Improvements for customer concerns of 'cabin too warm', specifically in the mid ambient temperature range 4.5-15.5 °C (40-60 °F).\*\***

**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 symptom conditions, other than the one listed above are present, record the issues on the repair order and repair as necessary before proceeding further with this bulletin.

If the customer describes the symptom/condition listed above, perform the Repair Procedure.

**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 HVAC control module with the latest software. Detailed instructions for flashing control modules using the wiTECH Diagnostic Application are available by selecting the application's "HELP" tab.
2. Cycle the ignition to "Off" and then back to "On".
3. Clear all Diagnostic Trouble Codes (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.

**TIME ALLOWANCE:**

Labor Operation No:	Description	Skill Category	Amount
**18-50-10-AC	Module, HVAC Control - Reprogram (0 - Introduction)	7 - Air Conditioning and Heating	0.2 Hrs.**

**NOTE: The expected completion time for the flash download portion of this procedure is approximately 3 minutes. Actual flash download times may be affected by vehicle connection and network capabilities.**

**FAILURE CODE:**

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

- If the customer's concern matches the SYMPTOM/CONDITION identified in the 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 Service Bulletin flash/reprogramming conditions.

CC	Customer Concern
----	------------------