



**NUMBER:** 24-010-14

**GROUP:** Heating & Air  
Conditioning

**DATE:** October 04, 2014

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**USING THE wiTECH DIAGNOSTIC APPLICATION FOR FLASHING AN ECU IS AVAILABLE BY SELECTING "HELP" THEN "HELP CONTENTS" AT THE TOP OF THE wiTECH DIAGNOSTIC APPLICATION WINDOW.**

**THE wiTECH SOFTWARE LEVEL MUST BE AT 15.02 OR HIGHER TO PERFORM THIS PROCEDURE.**

**SUBJECT:**

Flash: HVAC System Improvements

**OVERVIEW:**

This bulletin involves updating the HVAC control module with new software.

**MODELS:**

2011 - 2014 (JK) Wrangler

**NOTE: This bulletin applies to vehicles built on or before May 25, 2014 (MDH 0525XX).**

**SYMPTOM/CONDITION:**

The customer may notice that the blower motor speed may slow down at times. This condition will only happen at mid to high ambient temperatures, 75F (24C) or higher. Also the A/C request may be locked on after a remote start. Only after the vehicle is turned off and restarted, will the customer be able to turn the A/C on or off.

**DIAGNOSIS:**

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in TechCONNECT, verify no DTCs are set. If DTCs are present, record them on the repair order and repair as necessary before proceeding further with this bulletin.

If the customer describes the symptom/condition 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 using the wiTECH Diagnostic Application. For instructions, select the "HELP" tab on upper portion of the wiTECH window, then "HELP CONTENTS." This will open the Welcome to wiTECH Help screen where help topics can be selected.
2. Perform the actuator calibration test routine found under the Systems Test tab in the HVAC control module view in the wiTECH Diagnostic Application.
3. **After HVAC reprogramming, the following must be performed:** clear any DTCs that may have been set in other modules due to reprogramming. The wiTECH application will automatically present all DTCs after the flash and allow the tech to clear them.

**POLICY:**

Reimbursable within the provisions of the warranty.

**TIME ALLOWANCE:**

| Labor Operation No: | Description  | Skill Category     | Amount   |
|---------------------|--|--------------------|----------|
| 18-19-62-9E         | Module, Temperature Control (ATC) - Reprogram (0 - Introduction) | 7- A/C and Heating | 0.2 Hrs. |

**NOTE: The expected completion time for the flash download portion of this procedure is approximately 7 minutes. Actual flash download times may be affected by vehicle connection and network capabilities.**

**FAILURE CODE:**

|    |              |
|----|--------------|
| FM | Flash Module |
|----|--------------|