



NUMBER: 24-003-13

GROUP: Heating & Air
Conditioning

DATE: October 26, 2013

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THIS SERVICE BULLETIN IS ALSO BEING RELEASED AS RAPID RESPONSE TRANSMITTAL (RRT) 13-081. ALL APPLICABLE SOLD AND UN-SOLD RRT VIN'S HAVE BEEN LOADED. TO VERIFY THAT THIS RRT SERVICE ACTION IS APPLICABLE TO THE VEHICLE, USE VIP OR PERFORM A VIN SEARCH IN TECHCONNECT. ALL REPAIRS ARE REIMBURSABLE WITHIN THE PROVISIONS OF WARRANTY.

HELP 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 RELEASE 14.01 OR HIGHER TO PERFORM THIS PROCEDURE.

SUBJECT:

Flash: HVAC Enhancement

OVERVIEW:

This bulletin involves updating the HVAC software.

MODELS:

2014 (KL) Cherokee

NOTE: This bulletin applies to vehicles built on or before October 25, 2013 (MDH 1025XX) equipped with Air Conditioning (sales code HAA) with MTC (manual temp control).

SYMPTOM/CONDITION:

Customer may experience, after the ignition has been turned off for over 4 minutes, the MTC (manual temperature control) HVAC controls change to a different setting. The temperature setting should remain where the temperature was last set at. When the temperature slider bar is left at mid way point or less, the setting will revert to a cooler setting depending on where it was set before.

DIAGNOSIS:

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in TechCONNECT, If HVAC module Diagnostic Trouble Codes (DTC's) are present, record them on the repair order and repair as necessary before proceeding further with this bulletin.

If a customer's VIN is listed in VIP or your RRT VIN list, perform the repair. For all other customers that describe the symptom/condition, 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. Use the wiTECH Diagnostic Application to reflash the HVAC. Help using the wiTECH Diagnostic Application for flashing the HVAC is made available through 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. Clear any DTC's that may have been set in all modules due to reprogramming. The wiTECH application will automatically present all DTCs after the flash and allow the tech to clear them.
3. Perform the Actuator Calibration Test routine found under the Systems Test tab in the HVAC control module view in the wiTECH Diagnostic Application.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
18-19-62-97	Module, Automatic Temperature control (ATC) Inspect and/or Reprogram (1 - Semi-Skilled)	7- A/C and Heating	0.2 Hrs.

FAILURE CODE:

FM	Flash Module
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