



**NUMBER:** 24-006-18

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

**DATE:** June 7, 2018

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**THIS BULLETIN SUPERSEDES SERVICE BULLETIN 24-004-16 REV. B, DATED OCTOBER 07, 2016, WHICH SHOULD BE REMOVED FROM YOUR FILES. ALL REVISIONS ARE HIGHLIGHTED WITH **\*\*ASTERISKS\*\*** AND INCLUDE ADDITION OF 2017 AND 2018 MODEL YEARS, UPDATED BUILD TO DATE, NEW SOFTWARE FOR 2015 - 2018 VEHICLES TO BETTER ADDRESS THE UNPLEASANT ODOR , NEW LOP AND UPDATED FAILURE CODE STATEMENT.**

**FOR HELP WITH USING wiTECH FOR ECU FLASH REPROGRAMMING, CLICK ON THE APPLICATION'S "HELP" TAB.**

**THE wiTECH 2 SOFTWARE IS REQUIRED TO BE AT THE LATEST RELEASE BEFORE PERFORMING THIS PROCEDURE.**

***SUBJECT:***

Flash: HVAC System Enhancement

***OVERVIEW:***

This bulletin involves reprogramming the Heating Ventilation Air Conditioning (HVAC) Module with new software.

***MODELS:***

<b>**2014 - 2018**</b>	(LD)	Dodge Charger
<b>**2014 - 2018**</b>	(LX)	Chrysler 300
<b>**2015 - 2018**</b>	(LA)	Dodge Challenger

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

**NOTE: This bulletin applies to vehicles built on or before **\*\*May 07, 2018 (MDH 0507XX)\*\*** and equipped with Air Conditioning ATC W/Dual Zone Control (Sales Code HAF) or equipped with Air Conditioning W/Dual Zone Temp Control (Sales Code HAD).**

***SYMPTOM/CONDITION:***

Customers may experience one of the following:

- Unpleasant odor in the vehicle after driving from highway speed limits back down to city speed limits.
- The left temperature door is inoperable.

Updating the HVAC software will correct these conditions.

**DIAGNOSIS:**

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in TechCONNECT, verify all related systems are functioning as designed. If Diagnostic Trouble Codes (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 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 module with the latest software. Detailed instructions for flashing control modules using the wiTECH 2 Diagnostic Application are available by selecting the application's "HELP" tab.
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. 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 them to be cleared.

**POLICY:**

Reimbursable within the provisions of the warranty.

**TIME ALLOWANCE:**

Labor Operation No:	Description	Skill Category	Amount
**18-19-62-9Z	Module, Automatic Temperature Control (ATC) - Reprogram (0 - Introduction)	6 - Electrical and Body Systems	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
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