



NUMBER: 24-004-16 REV. A

GROUP: Heating & Air
Conditioning

DATE: July 27, 2016

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THIS BULLETIN SUPERSEDES SERVICE BULLETIN 24-004-16, DATED JULY 19, 2016, WHICH SHOULD BE REMOVED FROM YOUR FILES. ALL REVISIONS ARE HIGHLIGHTED WITH **ASTERISKS**** AND INCLUDE REMOVAL OF THE 14 AND 15 MODEL YEARS AND THE ADDITION OF 16 MODEL YEAR AND LOP.**

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

THE wiTECH 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:

2016	(LD)	Dodge Charger
2016	(LX)	Chrysler 300
2016	(LA)	Dodge Challenger

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

NOTE: This bulletin applies to LX vehicles built on or before June 28, 2016 (MDH 0628XX) equipped with Dual Zone Automatic Temperature Control (Sales Code HAF).

NOTE: This bulletin applies to LD & LA vehicles built on or before June 28, 2016 (MDH 0628XX) 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 describe an unpleasant odor in the vehicle after driving from highway speed limits back down to city speed limits or they may also notice that the left temp 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 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 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
18-19-62-9S	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 choose which failure code to use. If the customer came in with an issue and the dealer found updated software to correct that issue, use failure code CC, for all other use failure code RF.

- If the customer's concern matches the SYMPTOM/CONDITION identified in the Service Bulletin, failure code CC is to be used.
- If an available flash is completed while addressing a different customer concern, failure code RF is to be used.

CC	Customer Concern
RF	Routine Flash