



**NUMBER:** 21-023-16

**GROUP:** Transmission and Transfer Case

**DATE:** June 23, 2016

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**THIS BULLETIN SUPERSEDES SERVICE BULLETIN 21-063-15, DATED NOVEMBER 11, 2015, WHICH SHOULD BE REMOVED FROM YOUR FILES. ALL REVISIONS ARE HIGHLIGHTED WITH **\*\*ASTERISKS\*\*** AND INCLUDE ADDITIONAL REVISED BUILD DATES, SYMPTOM/CONDITION IMPROVEMENT 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: Transmission Shift And Drivability Enhancements

***OVERVIEW:***

This bulletin involves reprogramming of the Transmission Control Module (TCM) with the latest available 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, LATAM, EMEA and APAC.**

**NOTE: This bulletin applies to LA and LX vehicles built on or before **\*\*May 31, 2016 (MDH 0531XX)\*\*** equipped with the 3.6L V6 24V VVT Engine (Sales Codes ERB) or **\*\*3.0L V6 24V VVT Engine (Sales Codes EHD)\*\*** equipped with a 8-Speed Auto 845RE transmission (Sales Code DFL).**

**NOTE: This bulletin applies to LD vehicles built on or before **\*\*May 31, 2016 (MDH 0531XX)\*\*** equipped with the 3.6L V6 24V VVT Engine (Sales Codes ERB) and a 8-Speed Auto 845RE transmission or 8-Speed Auto 8HP45 transmission (Sales Code DFL or DFG).**

**SYMPTOM/CONDITION:**

Customers may experience any of the following symptoms:

- Hanging or delayed upshift when braking downhill or when braking after high vehicle acceleration rate.
- Releasing the accelerator pedal rapidly causes hanging or delayed upshift.

\*\*Updating the TCM software will correct the conditions listed above and also improve shift quality for a 2-1 downshift (LA vehicle).\*\*

**DIAGNOSIS:**

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 TCM 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. Clear all 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.

**NOTE: Do not clear the shift adaptive's in the TCM memory. This action may cause the transmission to not shift smoothly until the adaptive's are re-learned.**

**POLICY:**

Reimbursable within the provisions of the warranty.

**TIME ALLOWANCE:**

Labor Operation No:	Description	Skill Category	Amount
**18-19-05-DL	Module, Transmission Control (TCM) - Reprogram (1 - Semi-Skilled)	21- Automatic Transmission	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