



NUMBER: 21-019-14 REV. A

GROUP: Transmission and Transfer Case

DATE: October 21, 2014

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THIS BULLETIN SUPERSEDES TECHNICAL SERVICE BULLETIN 21-019-14 DATED JUNE 12, 2014 WHICH SHOULD BE REMOVED FROM YOUR FILES. ALL REVISIONS ARE HIGHLIGHTED WITH **ASTERISKS**** AND IS BEING REVISED TO INCLUDE ADDITIONAL REPAIR STEPS, NEW LABOR OPS, AND wiTECH SOFTWARE VERSION.**

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 VERSION MUST BE AT **15.02**** OR HIGHER TO PERFORM THIS PROCEDURE.**

SUBJECT:

Flash: Transmission Control Module - Shift Quality Improvements When Using Paddle Shifter Or When Shifting From Park To Drive Or Reverse

OVERVIEW:

This bulletin involves flash reprogramming of the Transmission Control Module (TCM) with new software.

MODELS:

2015 UF 200

NOTE: This bulletin applies to vehicles equipped with the 3.6L engine (Sales Code ERB) and the 948TE 9-Speed transmission (sales code DF5 or DFH) built on or before June 5, 2014 (MDH 0605XX).

SYMPTOM/CONDITION:

Customers may indicate that they are experiencing delayed shifting when using the paddle shifter and/or harsh engagement when shifting from Park to either Reverse or Drive.

DIAGNOSIS:

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in TechCONNECT, verify all vehicle systems are operating correctly or If other Diagnostic Trouble Codes (DTCs) are set. If DTCs or conditions other than the ones listed above are present, record them on the repair order and repair as necessary before proceeding further with this bulletin.

If any of the above conditions are present, 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. Using the wiTECH, reprogram the TCM with the latest software. Detailed instructions for flashing control modules using the wiTECH Diagnostic Application are available by selecting the "HELP" tab on the 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 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.

NOTE: **This flash will clear the transmission adaptive values. Transmission requires the transmission Adaptation Learn Procedure. Refer to all applicable service bulletins regarding the 9-speed Transmission Adaptation Learn Procedure for detailed service procedures and associated labor times.**

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
18-19-05-N9	Module, Transmission Control (TCM) - Reprogram - (1 - Semi-Skilled)	2- Automatic Transmission	0.3 Hrs.

NOTE: The expected completion time for the flash download portion of this procedure is approximately 4 minutes. Actual flash download times may be affected by vehicle connection and network capabilities.

FM	Flash Module
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