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QUALITY DRIVEN® SERVICE

SERVICE BULLETIN

APPLICABILITY: 2015-16MY Legacy and Outback 2.5L Models	**NUMBER:** 16-99-16
SUBJECT: TCM Reprogramming for RPM Flare and Cruise Control Operation	**DATE:** 02/29/16

INTRODUCTION

This bulletin announces availability of reprogramming files to optimize transmission control module (TCM) operation and address the following customer concerns:

- Engine RPM "flare" (sharp RPM increase when CVT "downshifts") when using cruise control on uphill grades
- Cancellation of cruise control as a result of rpm flare (driver must reset desired vehicle speed).

This new logic changes the cruise control system operation to avoid unexpected cancellation.

PRODUCTION CHANGE INFORMATION:

This new logic was incorporated into vehicle production starting with the following VINs:

- Legacy: **G*039831**
- Outback: **G*294674**

PACK FILE APPLICABILITY:

MODEL	PAK FILE NAME	NEW TCM PART NUMBER	OLD TCM PART NUMBERS	DECRYPTION KEYWORD	NEW TCM CID NUMBER
2015MY Legacy	30919AD322.pak	30919AD322	30919AD320, 321	AC016EC2	F4F20081
2015MY Outback	30919AD332.pak	30919AD332	30919AD330, 331	7B8A7BF1	F4F24081
2016MY Legacy	30919AF031.pak	30919AF031	30919AF030	E1BDFCCA	E5F20080
2016MY Outback	30919AF041.pak	30919AF041	30919AF040	6B7EF5D6	E5F24080

SERVICE PROCEDURE / INFORMATION

- Reprogram the TCM using the SSM4 following the normal FlashWrite procedure.

NOTES:

SOA now highly recommends connecting the Midtronics GR8 Diagnostic Battery Charger to the vehicle and utilizing the Power Supply Mode feature anytime a vehicle control module is being

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reprogrammed. Once the GR8 is connected to the vehicle, as long as the battery is fully charged, it takes less than 3 minutes to boot-up the charger, select the Power Supply Mode, and have the battery voltage stabilized and ready for reprogramming.

VERY IMPORTANT: This information is applicable to the Midtronics GR8 Diagnostic Battery Charger **ONLY**. It does not apply to any other brand / type of "generic" battery charger whatsoever. ONLY the GR8 and its Power Supply Mode feature has been tested and approved by Subaru of America, Inc. (SOA).

- If the GR8 indicates the vehicle's battery must be charged, charge the battery using the GR8 before proceeding to reprogram the vehicle while using the Power Supply Mode.

- Control module failures as a result of battery discharge during reprogramming are not a matter for warranty. Should any DTCs reset after the reprogramming update is performed, diagnose per the procedure outlined in the applicable Service Manual.

WARRANTY / CLAIM INFORMATION

For vehicles within the Basic New Car Limited or Powertrain Warranty period or covered by a Subaru Added Security Powertrain, Classic or Gold plan, this repair may be submitted using the following claim information:

LABOR DESCRIPTION	LABOR OPERATION #	LABOR TIME	FAIL CODE
TCM Reprogramming	A860-737	MJZ-48	0.4

IMPORTANT: The **NEW** Calibration Identification number (CID) for any newly-installed programming (as confirmed from the actual control module **AFTER** installation) **MUST** be noted on the repair order as this information is required for claim submission.

NOTE: The pack file listings provided in this bulletin are the latest available at the time of publishing. Updates are often released thereafter without revision to the original bulletin. For this reason, it is critical to always have the latest version of Select Monitor software installed on your system. You can confirm if a later version is available by entering the CID listed in this bulletin into FlashWrite. If a newer CID is shown as available in FlashWrite, reprogram using that file.

IMPORTANT REMINDERS:

- SOA strongly discourages the printing and/or local storage of service information as previously released information and electronic publications may be updated at any time.

- Always check for any open recalls or campaigns anytime a vehicle is in for servicing.

- Always refer to STIS for the latest service information before performing any repairs.