SUBARU.

QUALITY DRIVEN® SERVICE

SERVICE BULLETIN

APPLICABILITY: 2010-11MY Legacy and Outback 2.5L NA Models	**NUMBER:** 16-100-16
SUBJECT: Transmission Control Module (TCM) Reprogramming File Availability for Inconsistent Engine Braking "Feel"	**DATE:** 04/15/16

INTRODUCTION

This bulletin announces availability of reprogramming files to optimize the TCM. The files will address customer concerns of inconsistency in the amount of engine braking experienced when using Manual mode (or paddle shifters if equipped) when descending long downgrades.

PACK FILE APPLICABILITY:

Model	PAK File Name	New TCM Part Number	Old TCM Part Numbers	Decryption Keyword	New TCM CID Number
2010MY Legacy	30919AB014.pak	30919AB014	30919AB010, 011, 012 & 013	507E6259	Z5F3E083
2010MY Outback	30919AB024.pak	30919AB024	30919AB020, 021, 022 & 023	6933FF47	Z5F3E183
2011MY Legacy	30919AB673.pak	30919AB673	30919AB670, 671 & 672	C42507B4	Y6F3E082
2011MY Outback	30919AB683.pak	30919AB683	30919AB680, 681 & 682	AA9EF073	Y6F3E182

PACK FILE APPLICABILITY:

• 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 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).

Continued...

• 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 #	Fail Code	Labor Time
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.