

- ATTENTION:**
- GENERAL MANAGER
  - PARTS MANAGER
  - CLAIMS PERSONNEL
  - SERVICE MANAGER

IMPORTANT - All Service Personnel Should Read and Initial in the boxes provided, right.


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QUALITY DRIVEN® SERVICE

## SERVICE BULLETIN

**APPLICABILITY:** 2012-14MY Impreza 2.0L NA Models  
 2013-14MY XV Crosstrek, Including Hybrid Model (HEV)

**NUMBER:** 11-149-14  
**DATE:** 11/06/14

**SUBJECT:** Reprogramming File Availability for Oil Level Detection

### INTRODUCTION

This bulletin announces the availability of reprogramming files to optimize the ECM logic for engine oil level detection in the event of false or premature low engine oil level warning lamp illumination. **REMINDER:** Always confirm any low oil level lamp false illumination is not a result of a poor electrical connection or grounding concern. Inspect the circuit following the diagnosis found in the applicable Service Manual to ensure no other related concern exists.

### COUNTERMEASURE IN PRODUCTION

The new ECM logic was incorporated into production according to the table below:

MODEL	STARTING VIN	PRODUCTION DATE CHANGE
Impreza 2.0L	E*026663	September 5, 2014
XV Crosstrek	E*337542	September 5, 2014

### PACK FILE APPLICABILITY

MODEL YEAR/ MODEL	TRANSMISSION	PAK FILE NAME	NEW ECM PART NUMBER	OLD ECM PART NUMBERS	EMISSION SPEC.	NEW CID NUMBER
2012MY IMPREZA 2.0L NA	MT	22765AC366.pak	22765AC366	22765AAC360, 61, 62, 63, 64 & 65	FED	EP5G901C
	CVT	22765AC385.pak	22765AC385	22765AC380, 81, 82, 83, 84		EP5G602D
	MT	22765AC406.pak	22765AC406	22765AC400, 01, 02, 03, 04, & 05	CAL	EP5G901A
	CVT	22765AC425.pak	22765AC425	22765AC420, 21, 22, 23 & 24		EP5G602B

*Continued...*

**CAUTION: VEHICLE SERVICING PERFORMED BY UNTRAINED PERSONS COULD RESULT IN SERIOUS INJURY TO THOSE PERSONS OR TO OTHERS.**

Subaru Service Bulletins are intended for use by professional technicians ONLY. They are written to inform those technicians of conditions that may occur in some vehicles, or to provide information that could assist in the proper servicing of the vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do the job correctly and safely. If a condition is described, DO NOT assume that this Service Bulletin applies to your vehicle, or that your vehicle will have that condition.

**SUBARU OF AMERICA, INC. IS ISO 14001 COMPLIANT**

ISO 14001 is the international standard for excellence in Environmental Management Systems. Please recycle or dispose of automotive products in a manner that is friendly to our environment and in accordance with all local, state and federal laws and regulations.

MODEL YEAR/ MODEL	TRANSMISSION	PAK FILE NAME	NEW ECM PART NUMBER	OLD ECM PART NUMBERS	EMISSION SPEC.	NEW CID NUMBER
2013MY IMPREZA 2.0L NA	MT	22765AE733.pak	22765AE733	22765AE730, 31 & 32	FED	EP5I800H
	CVT	22765AE743.pak	22765AE743	22765AE740, 41 & 42		EP5I800I
	MT	22765AE753.pak	22765AE753	22765AE750, 51 & 52	CAL	EP5I800F
	CVT	22765AE763.pak	22765AE763	22765AE760, 61 & 62		EP5I800G
2013MY XV CROSSTREK 2.0L NA	MT	22765AE843.pak	22765AE843	22765AE840, 41 & 42	FED	EP5I800C
	CVT	22765AE853.pak	22765AE853	22765AE850, 51 & 52		EP5I800D
	MT	22765AE863.pak	22765AE863	22765AE860, 61 & 62	CAL	EP5I800A
	CVT	22765AE873.pak	22765AE873	22765AE870, 71 & 72		EP5I800B
2014MY IMPREZA 2.0L NA	MT	22765AG001.pak	22765AG001	22765AG000	FED	EP5L001H
	CVT	22765AG011.pak	22765AG011	22765AG010		EP5L001I
	MT	22765AG021.pak	22765AG021	22765AG020	CAL	EP5L001F
	CVT	22765AG031.pak	22765AG031	22765AG030		EP5L001G

## SERVICE PROCEDURE / INFORMATION

### 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).

- 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 and / or Emissions Warranty period, this repair may be submitted using the following claim information:

LABOR DESCRIPTION	LABOR OPERATION #	FAIL CODE	LABOR TIME
ECM REPROGRAMMING & DIAGNOSIS FOR OIL LEVEL DETECTION AS FOUND IN APPLICABLE SERVICE MANUAL	A455-278*	UST-48	0.9

\*1 quart of motor oil (SOA635045) may be claimed with this labor operation when required.

**REMINDER:** 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 refer to STIS for the latest service information before performing any repairs.**