SUBARU

QUALITY DRIVEN® SERVICE

SERVICE BULLETIN

APPLICABILITY:	2015MY Impreza 2015MY Crosstrek 2015MY Legacy and Outback	**NUMBER:** 07-158-19 **DATE:** 08/15/19
SUBJECT:	DTC B280B- EyeSight Camera Reprogramming File Availability	

INTRODUCTION:

This bulletin announces availability of reprogramming files to optimize the EyeSight camera unit. In some cases, when using the Adaptive Cruise Control feature, the EyeSight system may stop functioning, enter a fail-safe mode and store DTC B280B- VDC ABNORMAL. When the EyeSight system is inoperative, the vehicle operates like a traditional vehicle not equipped with this feature. Normal EyeSight system function is restored after cycling the ignition off and back on again.
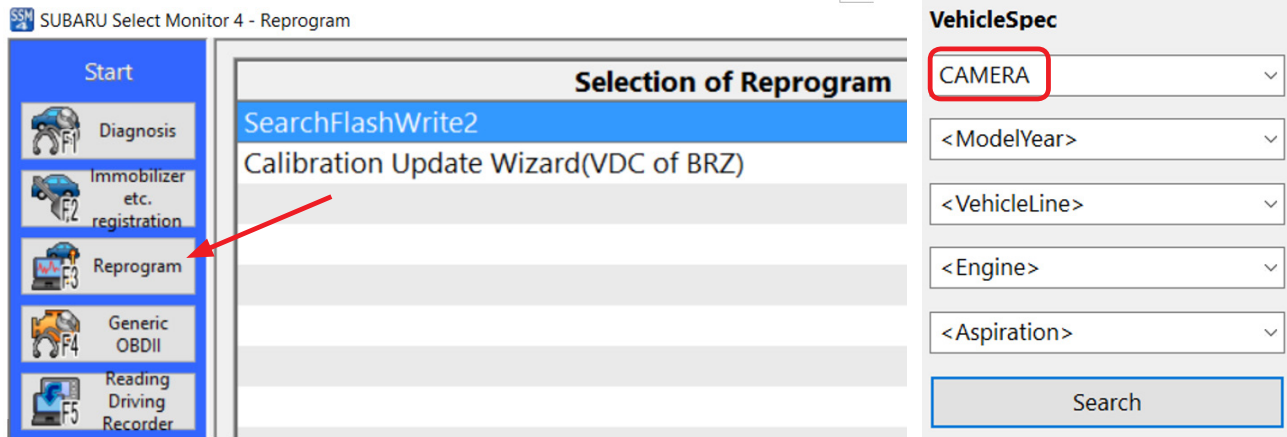
PACK FILE APPLICABILITY:

Model	File Name	Keyword	New ID 1	New ID 2
2015MY Impreza & Crosstrek	87501FJ034.pak	9174C84A	000064E6	1F401013
2015MY Legacy & Outback	87501AL005.pak	3DAFE1AC	000064E4	1F401012

SERVICE PROCEDURE:

REMINDER: Customer satisfaction and retention starts with performing quality repairs.

- Reprogram the EyeSight Camera using the FlashWrite2 application available through the SSM4- **Reprogram** function.

- Search for the MY and Model in Question using CAMERA as the CPU selection.

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Subaru of America, Inc. (SOA) highly recommends connecting either the Subaru Midtronics DCA-8000 Dynamic Diagnostic Charging System or the Subaru Midtronics GR8-100 Diagnostic Battery Charger to the vehicle and utilizing the Power Supply Mode feature anytime a vehicle control module is being reprogrammed.

Once the Midtronics charger is connected to the vehicle, if the battery is fully charged, it takes less than three (3) minutes to boot-up the charger, select the Power Supply Mode, and have the battery voltage stabilized and ready for reprogramming.

NOTES:

- For instructions on using the power supply mode, reference the applicable User Manual for the Midtronics DCA-8000 Dynamic Diagnostic Charging System and the Midtronics GR8-1100 Diagnostic Battery Charger on STIS.

- Confirm all electrical loads such as lights, audio, HVAC, seat heaters, and rear defroster are all switched **OFF** before setting up the charger for Power Supply Mode.

- Select the correct battery type (Flooded, EFB, Gel, AGM or AGM Spiral).

- Input the CCA which matches the vehicle's battery. **NOTE:** OE and replacement batteries have different CCA ratings. Always confirm the battery's CCA rating before proceeding.

- If using a DCA-8000 Dynamic Diagnostic Charging System, set the power supply voltage to 13.5 volts.

- **DO NOT** connect the DST-i or SDI until the Power Supply mode function has completed its battery test mode and the Charging Voltage has dropped to and shows a steady 13.5 Volts on the display.

- Once Power Supply Mode reaches a steady 13.5 volts, connect the DST-i or SDI to the OBD connector and proceed with initiating the normal FlashWrite reprogramming process.

- Amperage will fluctuate based upon the vehicle's demand for power. **NOTE:** If the voltage rises beyond 14V while programming is in process, the procedure will abort.
  This can indicate a need to test or charge the vehicle battery before any further attempt at programming is made.

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VERY IMPORTANT:

This information is applicable to the Subaru Midtronics DCA-8000 Dynamic Diagnostic Charging System and the Subaru Midtronics GR8-1100 Diagnostic Battery Charger **ONLY**. It does not apply to any other brand / type of "generic" battery charger whatsoever. **ONLY** the DCA-8000 and the GR8-1100 and their Power Supply Mode feature have been tested and approved by SOA.

REMINDER: If the DCA-8000 or GR8-1100 indicates the vehicle's battery must be charged, charge the battery fully before proceeding to reprogram the vehicle while using the Power Supply Mode.

NOTE: Control module failures resulting from 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 Warranty period or covered by an active Subaru Added Security Gold plan, this repair may be submitted using the following claim information:

Labor Description	Labor Operation #	Fail Code	Labor Time
EyeSight Camera Reprogramming	A067-728	ZQW-48	0.4

IMPORTANT: Always note the **NEW** Control Software Version number for any newly-installed programming (as confirmed from the actual control module **AFTER** installation). The new version number **MUST** also be noted on the repair order as this information is required for entry in the Miscellaneous Detail field during 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.