ATTENTION:
GENERAL MANAGER ❑
PARTS MANAGER ❑
CLAIMS PERSONNEL ❑
SERVICE MANAGER ❑

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

SUBARU

QUALITY DRIVEN® SERVICE

SERVICE BULLETIN

APPLICABILITY: 2023-25MY Ascent
2020-25MY Outback & Legacy
2022-25MY Forester
2024-25MY Impreza & Crosstrek
2021-24MY WRX
2022-25MY BRZ

NUMBER: 15-327-25
DATE: 08/11/25

SUBJECT: Keyless Access Control Unit / Reprogramming Files

INTRODUCTION:

This bulletin announces the availability of reprogramming files designed to improve the functionality of the Keyless Access Control Unit. These files address a rare situation where an individual without the access key on their person can operate the Keyless Access System if the key is within range. The update ensures that only the door nearest to the access key can operate the keyless entry system.

PRODUCTION CHANGE INFORMATION:

The reprogramming files have been incorporated into vehicle production as per the table below.

Model	Starting VIN
Ascent	S3419035
BRZ	S8753211
Crosstrek (SIA Produced)	S3749303
Crosstrek (Japan Produced)	S8224734
Outback	S3236879
Legacy	S3020097

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PFC FILE INFROMATION:

MY	Model	File Name	Old Part #	New Rom ID
22	BRZ	88801CC001_SMT.pfc	88801CC010 88801CC020 88801CC021 88801CC040 88801CC041 88801CC042	0003001020
	Outback & Legacy	88801AN101_SMT.pfc	88801AN100	0002001002
23	WRX	88801VC101_SMT.pfc	88801VC110 88801VC120 88801VC130 88801VC131 88801VC132	0002001011
	Ascent	88801XC101_SMT.pfc	88801XC100	0003001040
24	BRZ	88801CC101_SMT.pfc	88801CC110 88801CC120 88801CC140 88801CC141	0002001021
	Outback & Legacy	88801AN300_SMT.pfc	88801AN200	0001021006
25	Ascent	88801XC201_SMT.pfc	88801XC200	0102021041
	BRZ	88801CC201_SMT.pfc	88801CC210 88801CC220 88801CC240 88801CC241	0002001022
	Crosstrek & Impreza	88801FN101_SMT.pfc	88801FN110 88801FN120 88801FN140 88801FN150 88801FN160	0002011052

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PAK FILE AVAILABILITY:

MY	Model	File Description	Old Part #	Decryption Keyword	New CID #
20	Outback & Legacy	88801AN001 _SMT.pk2	88801AN000	E6A4742B	0004001000
21-22	Outback & Legacy	88801AN041 _SMT.pk2	88801AN040	06126DF1	0002001001
22-25	Forester	88801SJ211_ SMT.pk2	88801SJ220 88801SJ230 88801SJ260 88801SJ261 88801SJ270 88801SJ290 88801SJ291	A48C513C	0003001030
21-22	WRX	88801VC001 _SMT.pk2	88801VC010 88801VC020 88801VC030	211A59A4	0003001010

SERVICE PROCEDURE / INFORMATION:

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

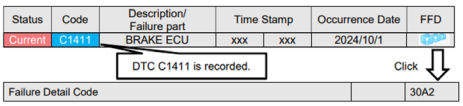
IMPORTANT: Due to the duration of the reprogramming of the Keyless Access Control Module, a Subaru approved Denso SSM cable is STRONGLY recommended. Cables from other manufacturers may not meet data transfer rate and interference shielding requirements to ensure error-free data transmission during reprogramming.

CAUTION: Ensure the Midtronics GR8 / Midtronics DCA-8000 set to Power Supply Mode is connected to the vehicle, the parking brake is engaged, ignition is in the "ON" position, the engine is OFF, the shift selector in NEUTRAL and the wheels are blocked. This must be done to ensure the power supplied to the Keyless Access Control Module is not turned off. If this step is not performed, the Keyless Access Control Module will power down the Keyless Access Control Module during the reflash, and the reprogramming will fail, resulting in irreparable damage.

For vehicles with PAK file availability reprogram the Keyless Access Control Module following the normal FlashWrite procedure once the vehicle is confirmed to be in **NEUTRAL**, the DCA-8000 is set to power supply mode and connected to the vehicle's battery, and a charger is connected to the laptop.

For vehicles with PFC files availability reprogram the Keyless Access Control Module following the standard SSM5-R procedure once the vehicle is confirmed to be in **NEUTRAL**, the DCA-8000 is set to power supply mode and connected to the vehicle's battery, and a charger is connected to the laptop.

Detailed information regarding the SSM5-R reprograming procedures can be found in TSB **14-28-21R**.



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Subaru of America, Inc. (SOA) highly recommends utilizing either the Subaru Midtronics DCA-8000 Dynamic Diagnostic Charging System or the Subaru Midtronics GR8-1100 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 (Enhanced Flooded, Flooded, 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 DST-010 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 DST-010 to the OBD connector and proceed with initiating the normal SSM5-R reprogramming process.
- Amperage will fluctuate based upon the vehicle's demand for power. **NOTE:** If the voltage rises beyond 14 Volts 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.
- ALWAYS set the power supply voltage to 13.5 Volts when using Power Supply Mode. NEVER turn the ignition switch on when charging at voltages 15 Volts or higher.

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, or covered by an active Subaru Added Security Classic or Gold plan, this repair may be submitted using the following claim information:

Labor Description	Labor Operation #	Fail Code	Labor Time
Keyless Access Control Module Reprogramming	A880-286	UUZ-48	0.5

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IMPORTANT: Always note the original Calibration Identification number (CID) / ROMID the vehicle came in with on the repair order **before** reprogramming and, make sure to list the **NEW** CID / ROMID for any newly installed programming (as confirmed from the actual control module **AFTER** installation). The **NEW** CID / ROMID MUST also be noted on the repair order as this information is required for entry in the Claim Specific Detail field during claim submission. These numbers can be read using SSM5-R.

NOTE: The pfc 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 SSM5-R. If a newer CID is shown as available in SSM5-R, 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.