

**ATTENTION:**

GENERAL MANAGER   
 PARTS MANAGER   
 CLAIMS PERSONNEL   
 SERVICE MANAGER

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




QUALITY DRIVEN® SERVICE

## SERVICE BULLETIN

**APPLICABILITY:** 2013-14MY BRZ

**NUMBER:** 11-136-14R

**SUBJECT:** Reprogramming File Availability for Idle Stability  
 and Extended Engine Cranking

**DATE:** 03/26/14

**REVISED:** 05/13/14

### INTRODUCTION

This bulletin announces the availability of reprogramming files to address customer concerns of engine idle RPM decrease / instability when the A/C system cycles off and extended engine cranking.

### COUNTERMEASURE IN PRODUCTION

The new logic was incorporated into production September 27, 2013 starting with the following VINS: 6AT vehicles: **E\*601924**, 6MT vehicles: **E\*601915**.

### PACK FILE APPLICABILITY

MODEL YEAR / MODEL	EMISSION SPEC.	TRANS. TYPE	PAK FILE NAME	NEW ECM PART NUMBER	OLD ECM PART NUMBER	NEW CID NUMBER
2013-14MY BRZ	Fed / CAL	6AT	22765AG501.pak	22765AG501	22765AC800, 801, 802, 803, 22756AG500	ZA1JB01D
		6MT	22765AG511.pak	22765AG511	22765AC810, 811, 812, 813, 22765AG510	ZA1JB01C

### 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).

*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”**

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.

- 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 claimed using the following information:

<b>LABOR DESCRIPTION</b>	<b>LABOR OPERATION #</b>	<b>FAIL CODE</b>	<b>LABOR TIME</b>
MFI OBDII ECM Reprogramming	A455-288	UPG-48	0.4