

**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:** 2013MY Legacy & Outback 2.5L NA Models

**NUMBER:** 11-131-13

**SUBJECT:** ECM Reprogramming for Extended  
 Engine Cranking

**DATE:** 04/03/13

### INTRODUCTION

This Bulletin announces the availability of ECM reprogramming files to address an extended engine cranking condition caused by camshaft positioning at the time the engine is shut off.

### COUNTERMEASURE IN PRODUCTION

MODEL	STARTING VIN NUMBER	PRODUCTION DATE
Legacy	D*038345	February 27, 2013
Outback	D*295070	March 2, 2013

### PACK FILE APPLICABILITY

MODEL	EMISSION SPEC.	TRANSMISSION	PAK FILE NAME	NEW ECM PART NUMBER	OLD ECM PART NUMBER	NEW CID NUMBER
Outback	CAL	6MT	22765AE04D.pak	22765AE04D	22765AE04A, 04B, 04C	EA1P100c
Legacy & Outback	FED		22765AE05D.pak	22765AE05D	22765AE05A, 05B, 05C	EA1P100e
Legacy & Outback	CAL	CVT	22765AE06D.pak	22765AE06D	22765AE06A, 06B, 06C	EA1P100d
Legacy & Outback	FED		22765AE07D.pak	22765AE07D	22765AE07A, 07B, 07C	EA1P100f

*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.

## SERVICE PROCEDURE / INFORMATION

- In the event of an ECM replacement, always confirm the new ECM has the most recent software and CID number installed before releasing the vehicle.
- **REMEMBER:** CID numbers are CASE-SENSITIVE.

## WARRANTY / CLAIM INFORMATION

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