

**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:** All Models with Gen 2 & Gen 3 Telematics  
Except Solterra

**NUMBER:** 15-251-19R

**DATE:** 09/26/19

**SUBJECT:** DTC B2A16

**REVISED:** 02/10/25

### INTRODUCTION:

This Service Bulletin provides additional diagnostics to follow when addressing a Telematics-related DTC B2A16. In most cases involving this DTC, the following scenario(s) occur:

- When trying to use the remote engine starter (RES) feature through Telematics (STARLINK / My Subaru app) the request is unsuccessful and the red Telematics indicator lamp illuminates.
- The customer takes their vehicle to the Retailer and the Technician finds the only code stored to be B2A16 in the DCM.
- The Technician diagnoses the DTC per the applicable Service Manual trouble tree and replaced the DCM.

**IMPORTANT:** Nearly all of the scenarios outlined above can be addressed and normal RES operation through the Telematics system restored **WITHOUT** replacement of the DCM. SBR will be updating the applicable Service Manuals to reflect this very soon. In the interim, refer to the diagnostic procedure outlined in this bulletin.

### GENERATION INFORMATION:

Carline	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	MY 2021	MY 2022	MY 2023	MY 2024	MY 2025
Ascent	n/a	n/a	n/a	Gen 2	Gen 2	Gen 2	Gen 2	Gen 3	Gen 3	Gen 3+
Crosstrek	Gen 1	Gen 1	Gen 1	Gen 2	Gen 2	Gen 2	Gen 2	Gen 2	Gen 3	Gen 3+
Crosstrek Hybrid	n/a	n/a	n/a	Gen 2	Gen 2	Gen 2	Gen 2	Gen 2	Gen 2	Gen 3
Forester	Gen 1	Gen 1	Gen 1	Gen 2	Gen 2	Gen 2	Gen 2+	Gen 2+	Gen 2+	Gen 3+
Forester SHEV	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Gen3+
Forester Wilderness	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Gen 2+
Impreza	Gen 1	Gen 1	Gen 1	Gen 2	Gen 2	Gen 2	Gen 2	Gen 2	Gen3	Gen 3+
Legacy	Gen 1	Gen 1	Gen 1	Gen 1	Gen 2	Gen 2	Gen 2	Gen 3	Gen 3	Gen 3+
Outback	Gen 1	Gen 1	Gen 1	Gen 1	Gen2	Gen 2	Gen 2	Gen 3	Gen 3	Gen 3+
WRX	n/a	Gen 1	Gen 1	Gen 1	Gen 1	Gen 1	Gen 2+	Gen 2+	Gen 3	Gen 3+
BRZ	n/a	n/a	n/a	n/a	n/a	n/a	Gen 2+	Gen 2+	Gen 2+	Gen 2+

**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.

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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.

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## SERVICE PROCEDURE / INFORMATION:

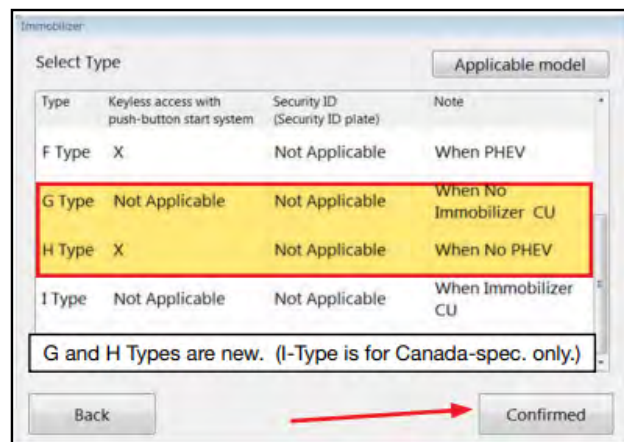
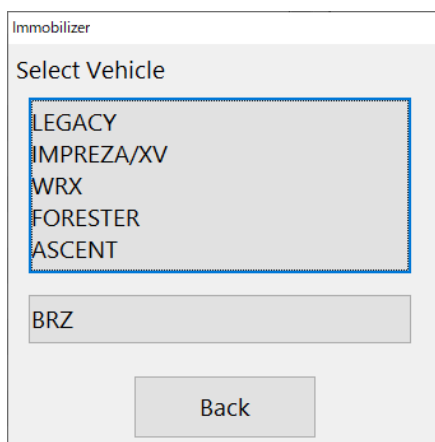
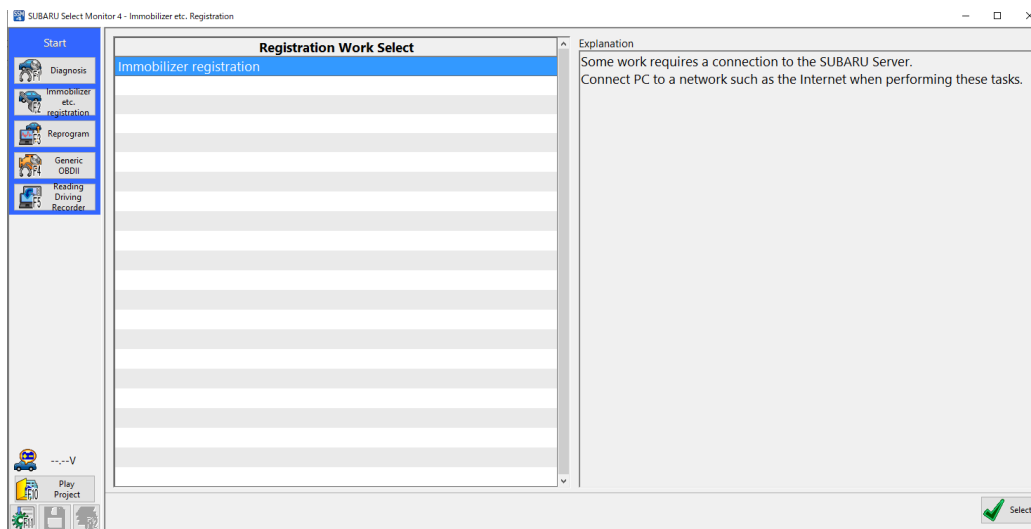
**REMINDER:** Customer satisfaction and retention starts with performing quality repairs.

**IMPORTANT:** Nearly all of the scenarios outlined above can be addressed and normal RES operation through the Telematics system restored WITHOUT replacement of the DCM. SBR will be updating the applicable Service Manuals to reflect this very soon.

If DTC B2A16 is found in the DCM, start by registering the DCM with the vehicle immobilizer system to avoid a potentially unnecessary DCM replacement. Follow the instructions found in the applicable Immobilizer Registration Manual. See the basic SSM screenshots and additional information provided below for reference.

Once the DCM is registered, confirm the Telematics RES function operates. **NOTE:** The customer will need to help with this as it requires them to enter their PIN through either the MySubaru web page or the mobile MySubaru App.

If registering the DCM with the vehicle immobilizer system resolves the condition and STARLINK Telematics RES now operates normally, clear the DTC and release the vehicle.



**NOTE:** When selecting G, H, or I Type, the latest SSM4 software (July 2019 version or later) is required along with a secure network connection. Refer to TSB 15-246-19 for additional details.

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**IMPORTANT:** Whenever either the Keyless Access Module (KAM) or the DCM is replaced on a STARLINK Gen2 Telematics -equipped vehicle, the DCM **MUST** be registered with the vehicle immobilizer system.

US model		2005MY	2006MY	2007MY	2008MY	2009MY	2010MY	2011MY	2012MY	2013MY	2014MY	2015MY	2016MY	2017MY	2018MY	2019MY	2020MY	2021MY	2022MY	2023MY	2024MY	
Legacy OBK	Key Access type	A type										B type					G Type					
	keyless Access with push-button start system											D type					H Type					
Tribeca	Key Access type	A type																				
IMPREZA	Key Access type	A type					B type															G
	keyless Access with push-button start system											D type										H
Crosstrek	Key Access type											B type										G
	keyless Access with push-button start system											D type										H
Crosstrek Hybrid	keyless Access with push-button start system											D type			F type							
WRX/STI	Key Access type	A type										B type					G Type					
	keyless Access with push-button start system											D type					H Type					
Forester	Key Access type	A type					B type															
	keyless Access with push-button start system											D type										H Type
BRZ	Key Access type											X type										
	keyless Access with push-button start system											Y type										H Type
ASCENT	Key Access type											B type					G Type					
	keyless Access with push-button start system											D type					H Type					
CANADA model		2005MY	2006MY	2007MY	2008MY	2009MY	2010MY	2011MY	2012MY	2013MY	2014MY	2015MY	2016MY	2017MY	2018MY	2019MY	2020MY	2021MY	2022MY	2023MY	2024MY	
Legacy/OBK	Key Access type	A type										E type					I Type					
IMPREZA	Key Access type											B type					E type					I
Crosstrek	Key Access type											B type					E type					I
Forester	Key Access type											B type					E type					

Always refer to the applicable Immobilizer Registration Manual for the Model Year vehicle being repaired. These manuals can be found on STIS by searching Online Publications > Publication Type > Other/Miscellaneous and searching with the keyword “Immobilizer”.

### WARRANTY / CLAIM INFORMATION:

For vehicles within the Basic New Car Limited Warranty period, this repair may be submitted using the following claim information:

Labor Description	Labor Operation #	Labor Time	Fail Code
DCM IMMOBILIZER REGISTRATION & RES SYSTEM OPERATION CHECK	A067-918	0.4	ZTT-43

### 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.