

ATTENTION:

- GENERAL MANAGER
- PARTS MANAGER
- CLAIMS PERSONNEL
- SERVICE MANAGER

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



SERVICE BULLETIN

APPLICABILITY: 2013MY and Later Legacy/Outback
 2014MY and Later Forester
 2012MY and Later Impreza
 2013MY and Later XV Crosstrek
 2013MY and Later BRZ
 2015MY and Later WRX and WRX STI
 2019MY and Later Ascent
 2023MY and Later Solterra

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SUBJECT: Event Data Recorder (EDR) Function of Airbag Module

INTRODUCTION

This Bulletin provides information regarding Event Data Recorder (EDR) functionality. This feature has been incorporated into the airbag system starting with the 2012 Impreza and added with each subsequent vehicle full model change introduction. The function of the EDR is best explained using the following statements found in the vehicle Owner’s Manual:

“This vehicle is equipped with an event data recorder (EDR). The main purpose of an EDR is to record, in certain crash or near crash-like situations such as an airbag deployment or hitting a road obstacle, data that will assist in the understanding how a vehicle’s systems performed. The EDR is designed to record data related to vehicle dynamics and safety systems for a short period of time, typically 30 seconds or less. The EDR in this vehicle is designed to record such data as:

- How various systems in your vehicle were operating;
- Whether or not the driver and passenger safety belts were buckled/fastened;
- How far (if at all) the driver was depressing the accelerator and/or brake pedal;
- How fast the vehicle was traveling.

This data can help provide a better understanding of the circumstances in which crashes and injuries occur.

NOTE: EDR data is recorded by your vehicle only if a non-trivial crash situation occurs. No data is recorded by the EDR under normal driving conditions and no personal data (e.g. name, gender, age or crash location) are recorded. However, other parties such as law enforcement could combine the EDR data with the type of personally identifying data routinely acquired during a crash investigation.

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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To read data recorded by the EDR, special equipment is required and access to the vehicle or the EDR is needed. In addition to the vehicle manufacturer, other parties, such as law enforcement, who have special equipment will be able to read the information if they have access to the vehicle or the EDR”.

PART INFORMATION

EDR data is normally retrieved through the Data Link Connector (DLC), as long as the vehicle’s electrical system has not been compromised.

If a severe collision occurs and EDR data cannot be retrieved through the DLC, a test harness must be utilized which connects directly to the Supplemental Restraint System (SRS) control module to facilitate EDR retrieval.

IMPORTANT: Retailers who wish to retrieve EDR data by the direct to module method will need to purchase a Bosch CDR tool and the applicable model’s test harness. Bosch CDR test harnesses are only for use with the Bosch CDR tool and are NOT compatible with the Subaru Select Monitor.

The Bosch CDR tool and harnesses can be purchased at www.crashdatagroup.com.

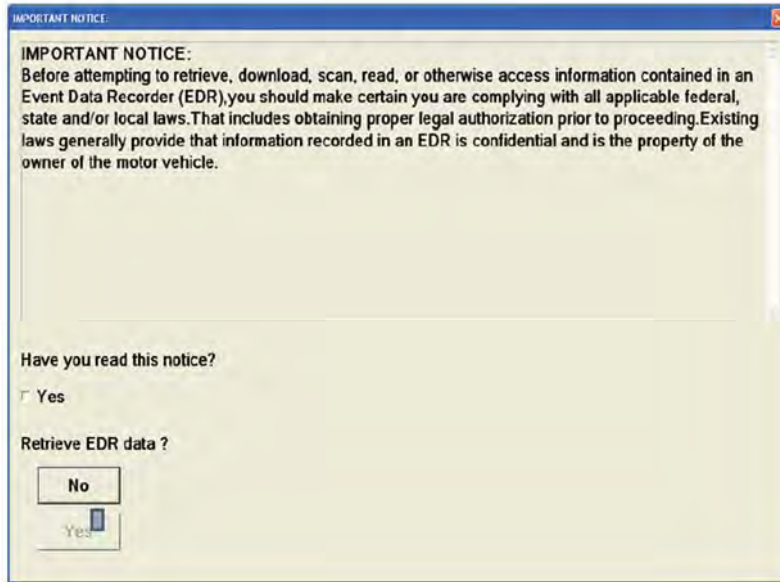
Please refer to the Bosch CDR software and user guide for the correct direct-to-module harness needed, the chart below is for reference only.

Description	Part Number	Applicability
Direct-to-Module Wiring Harness	BOSCH# F00K108614	2013-14MY Legacy / Outback
		2012-22MY Impreza
		2014MY Forester
		2015-21MY WRX and STI
		2013-21MY BRZ
	BOSCH# F00K108616	2015-18MY Forester
		2012-22MY Impreza
		2013-23MY Crosstrek
	BOSCH# 836	2015-19MY Legacy / Outback
	BOSCH# 835	2019MY and Later Ascent
		2019MY-24MY Forester
	BOSCH# 844	2020-25MY Legacy / Outback
		2022-25MY BRZ
		2023-26MY Impreza
		2024-26MY Crosstrek
		2022-24MY WRX
	2025MY and Later Forester	
BOSCH# 827	2023 and Later Solterra	
BOSCH# 865	2026MY and Later Outback	

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SERVICE PROCEDURE / INFORMATION

CAUTION: At **NO** time should data in any EDR be accessed by a dealer technician without having received, in advance, proper legal authorization from the vehicle owner to view this data. Existing laws generally provide that information recorded in an EDR is confidential and is the property of the owner of the motor vehicle. Violations of those laws may result in both civil and criminal penalties.



Service information on the EDR may be found in the Airbag System (Diagnostics) section of the applicable Service Manual. The EDR function may be accessed through the Airbag Systems portal of the Subaru Select Monitor (SSMIII or SSM4) when retrieving EDR data through the DLC.

This area is found by going to the Main Menu, selecting Each System Check and then Airbag System. Once there, Event Record Data may be selected from the options listed. Once this area is selected, an Important Notice screen will appear with the following compliance message:

The user will be asked to check a box indicating they are aware of and in compliance with the areas outlined in the Important Notice message. Once the box is checked, the “YES” button will become available to select to proceed with viewing any data collected by the EDR.

If the user reaches this area in error or has not received proper legal authorization to view any data in the EDR, simply press “NO” to return to the Airbag System menu.

IMPORTANT: Any questions regarding compliance with applicable federal, state, or local laws should always be directed to your dealership’s legal counsel.

NOTE: Note: It may not be possible to retrieve EDR data using SSM for some late model vehicles. In these cases, please use the Bosch CDR tool for EDR data retrieval.

NOTE: Data supplied in this Service Bulletin was accurate at the time of its publication however, it is subject to change without notice.