

- 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:** 2018-20MY Legacy & Outback 2.5L and 3.6L  
 2018-20MY Impreza & Crosstrek  
 2019-20MY Ascent  
 2018-20MY WRX/STI  
 2017-20MY BRZ  
 2018-19MY Forester

**NUMBER:** 09-129-24R  
**DATE:** 09/24/24  
**REVISED:** 01/07/24

**SUBJECT:** Fuel Pump Impeller Warranty Extension

**INTRODUCTION:**

In the interest of customer satisfaction, Subaru of America, Inc. (SOA) is extending the Warranty coverage time period for the fuel pump impeller to 15 years. The mileage is also being extended to unlimited mileage for vehicles NOT affected by WRD-20 & WRG21 and 150,000 miles for vehicles affected by WRD-20 & WRG-21. If low pressure fuel pump failure is determined on the affected vehicles, a one-time replacement will be covered under the Warranty Extension. See the tables below for a more detailed description of coverage.

Vehicles Affected by WRD-20R & WRG-21R			
MY	Model	Production Date	Warranty Ext. Details
2018-2020	Impreza	May 3, 2018 – May 31, 2019	15 years or 150,000 miles whichever comes earlier from date of completion of the recall.
2018-2020	Outback	June 25, 2018 – October 18, 2019	
2018-2020	Legacy	June 25, 2018 – October 18, 2019	
2019-2020	Ascent	June 26, 2018 – May 20, 2019	
2018-2019	WRX	April 20, 2018 – November 1, 2018	
2018-2019	BRZ	April 6, 2018 – November 6, 2018	
2018	Forester	April 20, 2018 – August 7, 2018	

<p><b>CAUTION: VEHICLE SERVICING PERFORMED BY UNTRAINED PERSONS COULD RESULT IN SERIOUS INJURY TO THOSE PERSONS OR TO OTHERS.</b></p> <p>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.</p>	<p style="text-align: center;"><b>Subaru of America, Inc. is ISO 14001 Compliant</b></p> <p>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.</p>
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Additional Vehicles			
MY	Model	Production Date	Warranty Ext. Details
2018-2020	Legacy	October 23, 2017 – December 4, 2019	15 years <b>UNLIMITED</b> mileage from warranty start date.
2018-2020	Outback	October 23, 2017 – December 4, 2019	
2018-2020	Crosstrek	July 5, 2017 – August 5, 2019	
2018-2020	Impreza	October 23, 2017 – December 4, 2019	
2018-2019	Forester	July 7, 2017 – July 31, 2019	
2018-2020	WRX	July 7, 2017 – August 3, 2019	
2019-2020	Ascent	November 11, 2017 – December 4, 2019	
2017-2020	BRZ	July 10, 2017 – August 8, 2019	

**NOTE:** ALWAYS perform a Vehicle Coverage Inquiry on Subarunet to determine eligibility for this Warranty Extension before proceeding with any repair. See the SAMPLE vehicle inquiry result below.

Extensions					
Effective Date	Expiration Date	Coverage Type- Description	Addl Miles	Addl Months	Status
XXXXX	XXXXX	Fuel Pump Impeller Warranty Extension	150,000	180	Active

**PART INFORMATION:**

Listed below are the fuel pump assemblies along with the associated one-time use parts required. Refer to the table below for the applicable parts by model.

**NOTE:** The parts highlighted in GRAY indicate one-time use parts.

BRZ			
MY	Part Description	Part Number	Quantity
2017-20	PUMP ASSY FUEL	42021CA010	1
	RING NUT	42032AJ000	1
	PLATE RING NUT	42057AJ030	1
	GASKET FUEL PUMP	42025CA001	1

IMPREZA			
MY	Part Description	Part Number	Quantity
2018-20	PUMP ASSY FUEL	42021FL02B	1
	GASKET FUEL PUMP	42025FL01A	1
	RING NUT	42032FL01A	1

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<b>ASCENT</b>			
<b>MY</b>	<b>Part Description</b>	<b>Part Number</b>	<b>Quantity</b>
2019-20	PUMP ASSY FUEL	42021XC00A	1
	RING NUT	42057FL000	1
	PLATE RING NUT	42025FL000	1
	GASKET FUEL PUMP	42032FL000	1

<b>OUTBACK &amp; LEGACY 2.4L TURBO</b>			
<b>MY</b>	<b>Part Description</b>	<b>Part Number</b>	<b>Quantity</b>
2020	PUMP ASSY FUEL	42021AN01C	1
	RING NUT	42032FL000	1
	PLATE RING NUT	42057FL000	1
	GASKET FUEL PUMP	42025FL020	1

<b>OUTBACK &amp; LEGACY 3.6L</b>			
<b>MY</b>	<b>Part Description</b>	<b>Part Number</b>	<b>Quantity</b>
2018	PUMP ASSY FUEL	42021AL03C	1
	GASKET FUEL PUMP	42025AL030	1
2019	PUMP ASSY FUEL	42021AL03C	1
	GASKET FUEL PUMP	42025AL030	1

<b>OUTBACK &amp; LEGACY 2.5L N/A</b>			
<b>MY</b>	<b>Part Description</b>	<b>Part Number</b>	<b>Quantity</b>
2018	PUMP ASSY FUEL	42021AL02C	1
	GASKET FUEL PUMP	42025AL040	1
2019	PUMP ASSY FUEL	42021AL02C	1
	GASKET FUEL PUMP	42025AL040	1
2020	PUMP ASSY FUEL	42021AN00A	1
	RING NUT	42032FL000	1
	PLATE RING NUT	42057FL000	1
	GASKET FUEL PUMP	42025FL020	1

<b>FORESTER 2.0L TURBO</b>			
<b>MY</b>	<b>Part Description</b>	<b>Part Number</b>	<b>Quantity</b>
2018	PUMP ASSY FUEL	42021SG080	1
	GASKET FUEL PUMP	42025AG000	1

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WRX 2.0L TURBO			
MY	Part Description	Part Number	Quantity
2018-20	PUMP ASSY FUEL	42021SG080	1
	GASKET FUEL PUMP	42025AG000	1

CROSSTREK			
MY	Part Description	Part Number	Quantity
2018-20	PUMP ASSY FUEL	42021FL040 42021FL110 (PHEV)	1
	RING NUT	42032FL000	1
	PLATE RING NUT	42057FL000	1
	GASKET FUEL PUMP	42025FL020	1

FORESTER 2.5L			
MY	Part Description	Part Number	Quantity
2018	PUMP ASSY FUEL	42021SG070	1
	GASKET FUEL PUMP	42025AG050	1
2019	PUMP ASSY FUEL	42021FL040	1
	RING NUT	42032FL000	1
	PLATE RING NUT	42057FL000	1
	GASKET FUEL PUMP	42025FL020	1

## SERVICE PROCEDURE / INFORMATION:

The service procedures covered under this extension applies to fuel pump assembly replacement rather than the fuel pump impeller replacement procedure outlined in WRD-20R & WRG-21R.

**CAUTION:** DO NOT attempt to remove the fuel pump assembly without first confirming the fuel level in the tank is at ½ a tank or below. This will prevent any fuel spillage inside the vehicle.

The service procedures for fuel pump assembly replacement remain unchanged. Always refer to the applicable Service Manual and review the full requirements of the repair being performed. The Service Manual procedures contain information critical to performing an effective repair the first time, every time. This includes but is not limited to important SAFETY precautions, proper inspection criteria, necessary special tools, required processes and related one-time-use parts needed for a complete and lasting repair.

Refer to STIS: Engine > FUEL INJECTION (FUEL SYSTEMS) > Fuel Pump

**NOTE:** For Ascent, Impreza, BRZ, and 2020MY Legacy/Outback models, refer to the Fuel Pump Assembly Installation Tip found within the APPENDIX A section of this bulletin.

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**WARRANTY / CLAIM INFORMATION:**

For Vehicles affected by Recall WRD-20 & WRG-21R coverage is extended to 15 years or 150,000 miles from the recall completion. For vehicles unaffected, 15 years unlimited miles from the Warranty start date.

Labor Description	Labor Operation#	Labor time:		Fail Code
FUEL PUMP ASSEMBLY R&R	B869-186	Ascent	All Other Models	DAU-42
		.7h	.5h	
FUEL SYSTEM - TESTING	C475-001	.5h		

**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.

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## APPENDIX A

### Ascent, Impreza, BRZ, and 2020MY Legacy/Outback models Fuel Pump Assembly Ring Nut Installation Tip

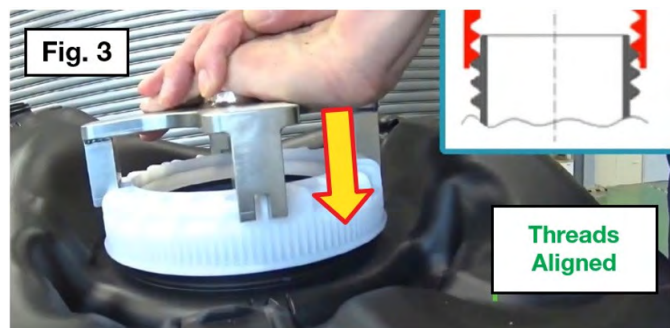
**Fig. 1** shows the Ring Nut installed on the tank threads but cross-threaded / mis-aligned. Attempting to tighten the Ring Nut with the tool when mis-aligned like this will likely damage the threads on both parts.



**Fig. 2** shows the Special Tool installed onto the Ring Nut making the mis-alignment easier to identify before attempting to tighten it.



**Fig. 3 & 4** show the Special Tool is installed onto the Ring Nut then, a firm, sharp, straight downward force being applied to the tool to “jump” the threads resulting in proper alignment and start to a normal, successful tightening procedure.



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**Objective:**

After viewing this video, technicians will be able to properly engage the threads for the fuel tank Ring Nut.



[Hints for getting the new retaining Ring Nut threads video properly engaged onto the fuel tank threads.](#)