

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 INFORMATION BULLETIN

APPLICABILITY: 2010-21MY Legacy
 2008-21MY Impreza
 2008-20MY WRX
 2008-20MY WRX STI
 2013-20MY BRZ
 2019-21MY Ascent
 2006-14MY Tribeca

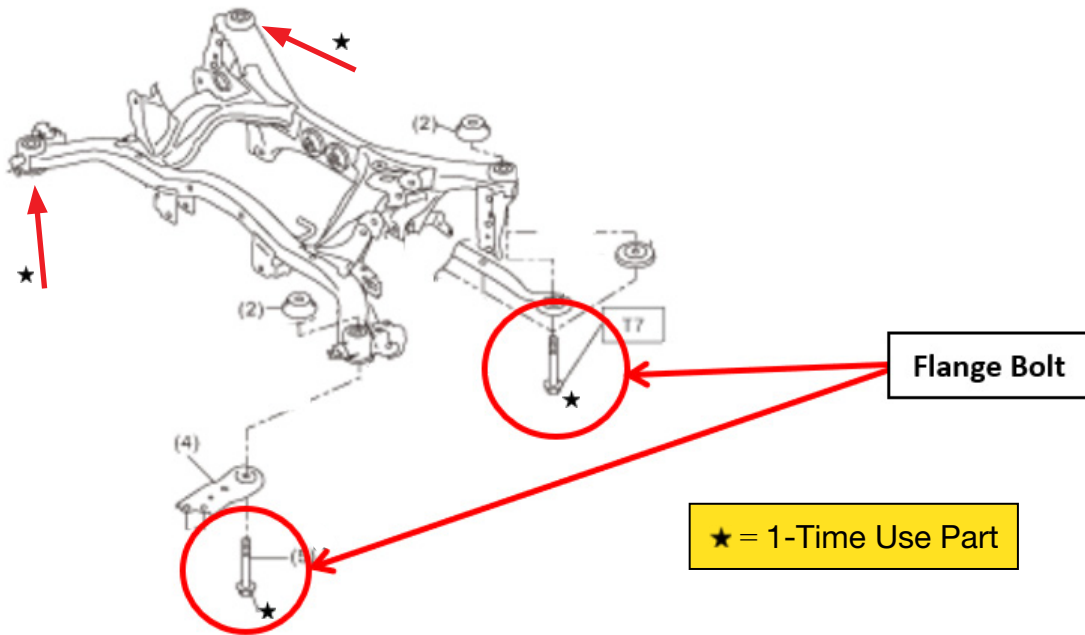
NUMBER: 05-83-21

DATE: 02/22/21

SUBJECT: Rear Sub Frame Bolts- Design Change

INTRODUCTION:

This Service Information Bulletin announces design changes made to the rear sub frame retaining bolts. water drainage grooves have been added and the bolt head flange thickness has been increased for purposes of part unification with other models. These 4 (four) main bolts secure the rear sub frame into the vehicle.



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PRODUCTION CHANGE INFORMATION:

The new bolts were incorporated into production as per the table below. Additional starting VIN information will be added as it becomes available.

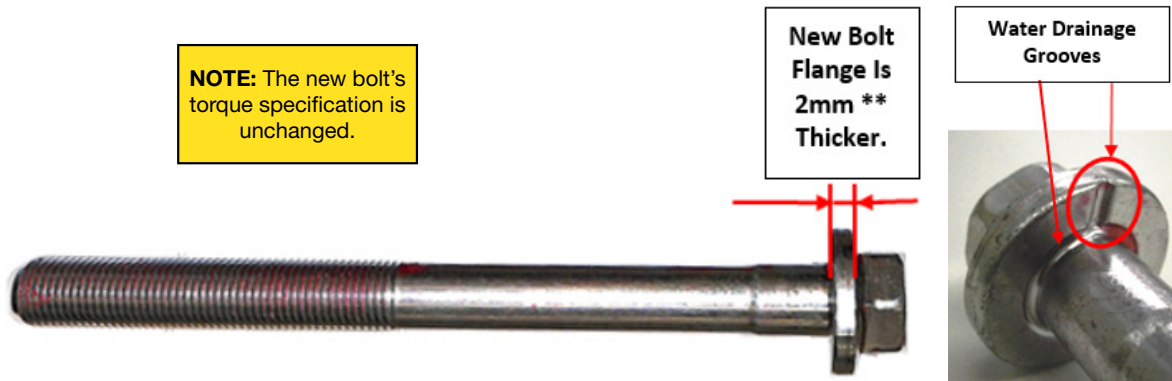
Model	Starting VIN
Legacy	M3009195
Impreza 4-Door	M3603443
Impreza 5-Door	M3707702
WRX / STI	L9823684
Ascent	M3429891

PART INFORMATION:

- For SBR / Japan-produced vehicles, the new sub frame bolt's part number is: **20058FL020**.
- For SIA -U.S. produced vehicles, the new sub frame bolt's part number is: **20058AL00B**.

IMPORTANT: These sub frame bolts are **one-time use** items as indicated by the black star in the Service Manual and the illustration above. Anytime these bolts are removed, they must be replaced.

REMINDER: Always order the most up-to-date replacement parts based on the specific VIN being repaired. The changes made to the sub frame bolts are outlined in the illustrations below.



Torque Specifications:

- All models **EXCEPT** Tribeca: 145 Nm (107 ft. lbs.)
- Tribeca: 95Nm (70 ft. lbs.)

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IMPORTANT NOTES:

- On models where the vehicle’s suspension height is measured using the top of the bolt head of the rear sub frame bolts, these new bolts will **REDUCE** that specification by 2mm due to the added flange thickness. An example image of the related Service Manual information (Impreza) is provided below.

REAR SUSPENSION > General Description

SPECIFICATION

• Impreza model

Suspension height (Tolerance: +12 mm -24 mm (+0.47 in -0.94 in))	mm (in)	-15 (-0.59) → -13 (-0.51)
Camber (tolerance: ±0°45' Differences between RH and LH: 45' or less)		-1°20'
Toe-in	mm (in)	IN3±3 (IN0.12±0.12)
		Toe angle (sum of both wheels): IN0°15'±15'
Thrust angle (tolerance: 0°00'±30')		0°00'

- These new bolts may only be used as substitutes for bolt p.n. 901000378 for rear suspension mounting. There are other places on the vehicle where p.n. 901000378 is used but, these new bolts are **NOT** to be substituted for use in those areas.

SERVICE PROCEDURE / INFORMATION:

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

The service procedures for sub frame bolt replacement remain unchanged. Always refer to STIS 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.

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.