

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: 2017-20MY Impreza
 2018-20MY Crosstrek
 2019-20MY Forester

NUMBER: 12-296-20R

DATE: 06/30/20

REVISED: 11/04/20

SUBJECT: Rear Frame and Stabilizer Bar Bracket
 Mounting Bolt- Design Changes

INTRODUCTION:

This Service Information Bulletin outlines design changes made to the rear frame section weld nuts and the mounting bolts used to secure the rear stabilizer bar brackets to them. The mounting bolts and the weld nuts incorporated into the rear frame sections used for securing the stabilizer bar brackets have both been revised to enhance torque retention. In addition, a new torque sequence procedure has been developed and can be found on Page 3 of this bulletin. Replacement of the bolts and/or brackets is not necessary as the original bolts are reusable. Always use the bolt(s) intended for use with the original factory installation as they are not interchangeable.

PRODUCTION CHANGE INFORMATION:

The new components were incorporated into production starting with the following VINs:

- Impreza: **TBD**
- Crosstrek: **KH399005**
- Forester: **LH435064**

PART INFORMATION:

REMINDER:

Always order the most up-to-date replacement parts based on the specific VIN being repaired.

Description	Part Number	Application
FRAME COMPLETE- FLOOR SIDE, REAR RIGHT	52150FL36B9P	Impreza
FRAME COMPLETE- FLOOR SIDE, REAR LEFT	52150FL37B9P	
FRAME COMPLETE- FLOOR SIDE, REAR RIGHT	52150FL3819P	Crosstrek
FRAME COMPLETE- FLOOR SIDE, REAR LEFT	52150FL3929P	
FRAME COMPLETE- FLOOR SIDE, REAR RIGHT	52150FL9929P	Crosstrek Hybrid
FRAME COMPLETE- FLOOR SIDE, REAR LEFT	52150FL0029P	
FRAME COMPLETE- FLOOR SIDE, REAR RIGHT	52150SJ0519P	Forester
FRAME COMPLETE- FLOOR SIDE, REAR LEFT	52150SJ0619P	
FLANGE BOLT-PILOT	20058FL010	All Above Models

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.

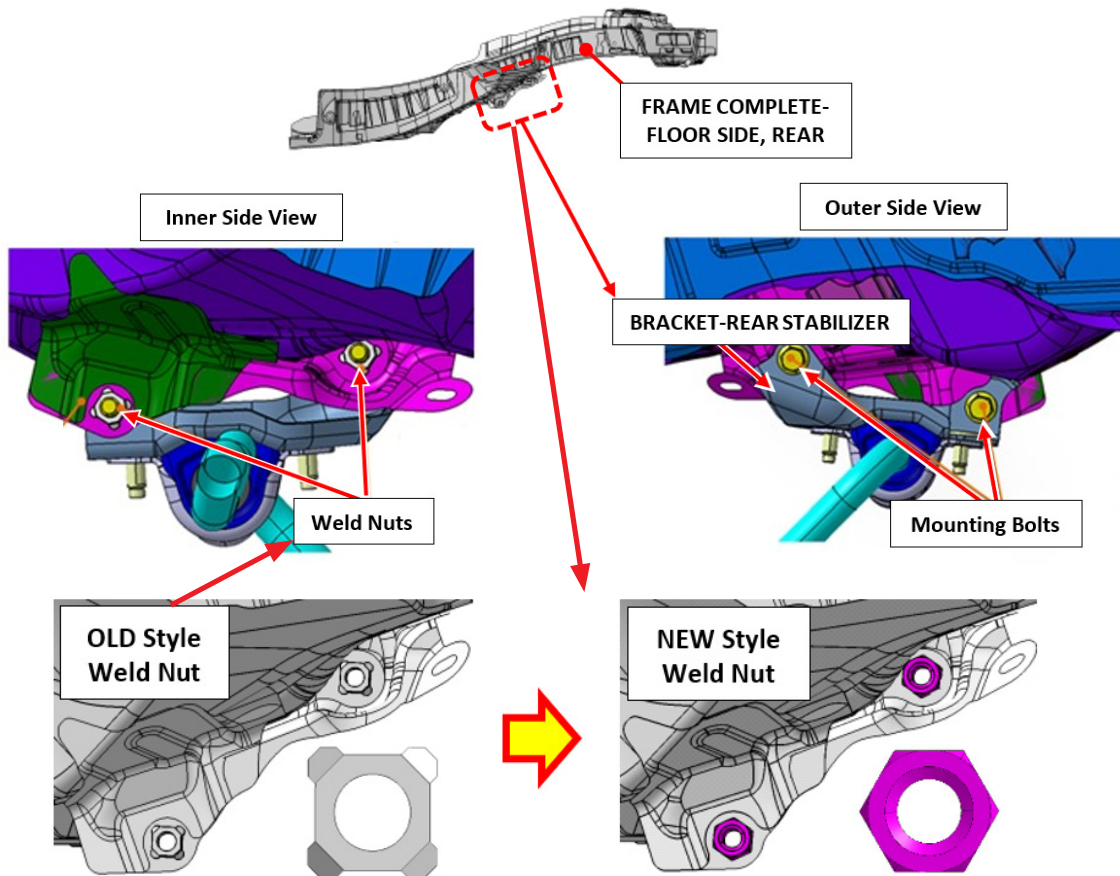
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ISO 14001 is the international standard for excellence in Environmental Management Systems. Please recycle or dispose of automotive products in a manner that is friendly to our environment and in accordance with all local, state and federal laws and regulations.

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IMPORTANT NOTES:

- The new Flange Bolts listed in the table on pg. 1 are **NOT** compatible with weld nuts used in the original frames. **Using the new-style Flange Bolts on the original frames will damage the weld nuts.**
- The original Flange Bolts (p.n. 010108200) are reusable and readily available if needed.
- The new Flange Bolts (p.n. 20058FL010) have a special lubricant applied to their threads and are now One-Time use items.
- There have been no changes to the part numbers of the stabilizer bar brackets.



New Flange Bolt Identification Information:

<div data-bbox="418 1451 667 1493" data-label="Caption"> <p>New P.N. 20058FL010</p> </div> <div data-bbox="412 1503 662 1703" data-label="Image"> </div>	<div data-bbox="987 1451 1219 1493" data-label="Caption"> <p>Old P.N. 010108200</p> </div> <div data-bbox="979 1503 1229 1703" data-label="Image"> </div>
<div data-bbox="342 1713 737 1904" data-label="List-Group"> <p>DETAILS:</p> <ul style="list-style-type: none"> • Size: M8 • Under-head length: 25 mm • Flange diameter: 19mm • Color: With lubricant (green) • One-Time Use Part </div>	<div data-bbox="878 1713 1304 1904" data-label="List-Group"> <p>DETAILS:</p> <ul style="list-style-type: none"> • Size: M8 • Under-head length: 20 mm • Flange diameter: 17mm • Color: Without lubricant (plated) • Bolt Is Reusable </div>

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SERVICE PROCEDURE / INFORMATION:

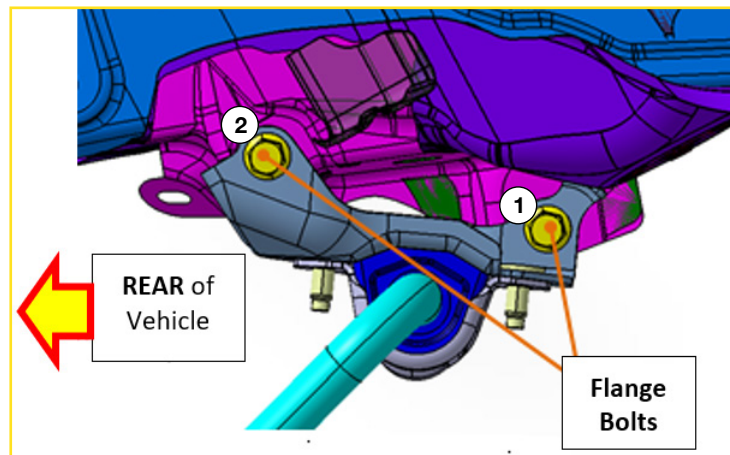
REMINDER: Customer satisfaction and retention starts with performing quality repairs.

NOTES:

- When reusing the **ORIGINAL** style flange bolts, the torque specification is unchanged (35 Nm / 25.8 ft. lbs.) but, the proper torque sequence supplied below **MUST** be followed. Replacement is not necessary as the original bolts are reusable.
- NEVER reuse the new style flange bolts as they are one-time use items.
- When using the **New-Style** flange bolts, the torque specification is unchanged (35 Nm / 25.8 ft. lbs.) but, the proper torque sequence supplied below **MUST** be followed:

NEW TORQUE SEQUENCE

1. Temporarily tighten (snug) the front flange bolt (1) then the rear flange bolt (2).
2. Torque bolt (1) to 35 Nm / 25.8 ft. lbs. then the rear bolt (2) to the same value.
3. Re-check both bolts in the same sequence for proper torque.



Aside from the stabilizer bar bracket bolt torque sequence outlined above, the service procedures for frame rail and stabilizer bar bracket repairs remain unchanged. **FRAME RAIL REPLACEMENT IS NOT NECESSARY UNLESS ANY OF THE WELD NUTS HAVE BEEN DAMAGED AND CANNOT BE REUSED.** Always refer to the applicable Body Repair Manual and Service Manual to review the full requirements of the repair being performed. These publications contain information critical to performing an effective repair the first time, every time. This includes but is not limited to important SAFETY precautions, 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.