

ATTENTION:
 GENERAL MANAGER
 PARTS MANAGER
 CLAIMS PERSONNEL
 SERVICE MANAGER

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



QUALITY DRIVEN® SERVICE

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REPAIR PROCEDURE

APPLICABILITY: 2017 model year Outback (99 units)

NUMBERS: WTE-66

DATE: 07/29/16

SUBJECT: WTE-66 Repair Procedures

SUBJECT: Repair Procedure for Subaru Recall Campaign Stop Sale WTE-66 Front Brake Caliper, Wheel Hub and Stabilizer Clamp Attaching Bolt Torque.

Subaru of America, Inc. (Subaru) is recalling ninety-nine (99) 2017 model year Outback vehicles due to a possible issue with the attaching bolt torque for the left and right front brake calipers, wheel hubs and the right stabilizer clamp.

DESCRIPTION OF THE SAFETY HAZARD

Should any of the front brake caliper, wheel hub or stabilizer clamp attaching bolts loosen or detach, the related components would also become loose and could possibly detach. A loose or detached brake caliper may no longer provide sufficient braking capability to the affected front wheel. Should this occur while driving, there is an increased risk of a crash. The vehicle driver would be alerted to this condition in advance by hearing a rattle or clunking sound from the front wheel area, especially when the brakes are applied.

DESCRIPTION OF THE REMEDY

The repair procedure will involve checking the attaching bolt torque for the front brake calipers, wheel hubs and right stabilizer clamp for proper torque.

AFFECTED VEHICLES

Certain 2017 model year Outback vehicles (99 units).

Coverage for all affected vehicles must be confirmed by using the Vehicle Coverage Inquiry function at Subarunet.com.

<p>CAUTION: VEHICLE SERVICING PERFORMED BY UNTRAINED PERSONS COULD RESULT IN SERIOUS INJURY TO THOSE PERSONS OR TO OTHERS.</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>SUBARU OF AMERICA, INC. IS ISO 14001 COMPLIANT</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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TOOLS REQUIRED:

- 3/8" drive 12mm shallow, 6-point socket
- 3/8" drive 14mm and 17mm shallow, 6-point sockets
- 3/8" drive 3" extension
- 3/8" drive swivel adapter
- Torque Wrench(s) as needed for 20 ft. lbs. up to 100 ft. lbs. (29 Nm to 135 Nm)



PART INFORMATION:

NOT ALL VEHICLES WILL REQUIRE PARTS REPLACEMENT.

IMPORTANT NOTE: There should not be any parts required for this procedure. In **VERY RARE** cases, a bolt may be found to be loose (zero torque) or finger-tight. Any loose or only finger-tight bolt(s) **MUST** be replaced.

Description	Part Number
Caliper Support Bolt	901260023
Hub Bolt	901000449
Stabilizer Bar Bracket Bolt	901000355

SERVICE PROCEDURE / INFORMATION:

This Service Procedure involves inspection of the torque (tightening force) applied to 14 specific bolts located in 3 specific areas:

- 4- (2 each side) 17mm hex head bolts securing the front disc brake caliper support to the axle housing
- 8- (4 each side) 14mm hex head bolts securing the front hub unit to the axle housing
- 2- 12mm hex head bolts securing the **RIGHT HAND SIDE ONLY** front stabilizer bar bushing retaining brackets to the engine cradle.

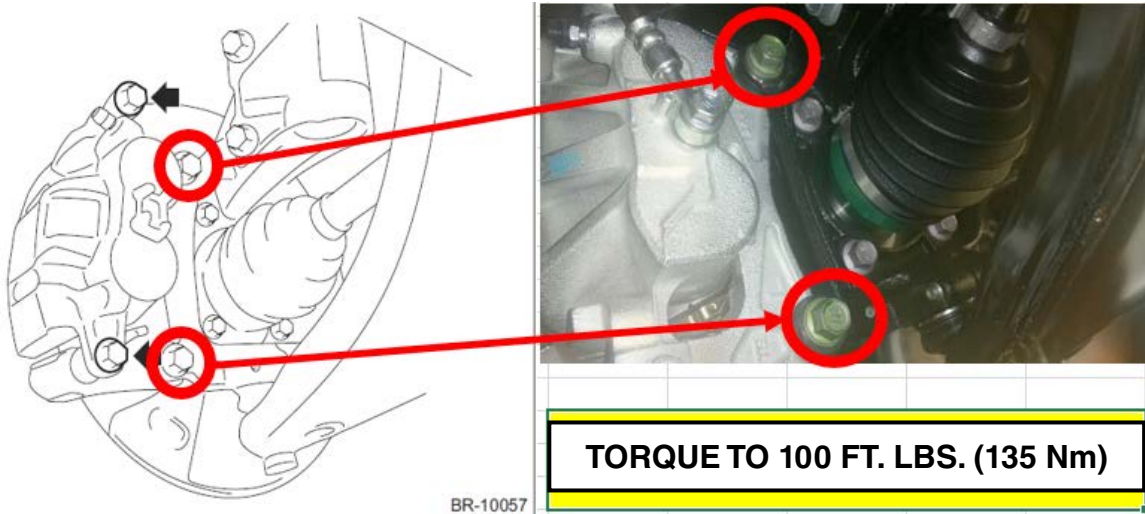
IMPORTANT NOTES:

- If any bolt(s) is found to be loose (zero torque) or only finger-tight bolt(s) that particular bolt(s) **MUST** be replaced.
- It is **NOT** necessary to remove the front wheels to gain access.

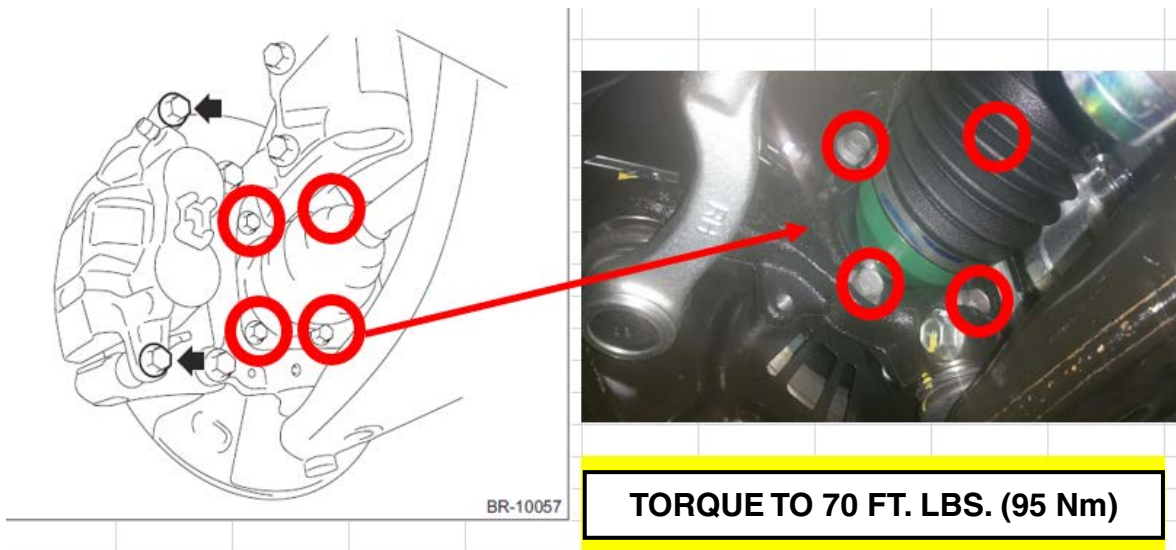
STEP 1: Raise the vehicle on a lift.

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STEP 2: Using a 17mm socket, verify the torque of the 2- 17mm hex bolts securing the front disc brake caliper support to the axle housing. **Torque each bolt to 100 ft. lbs. (135 Nm).**



STEP 3: Using a 14mm socket, 3/8” swivel adapter and a 3” extension, verify the torque of the 8- (4 each side) 14mm hex head bolts securing the front hub unit to the axle housing. **Torque each bolt to 70 ft. lbs. (95 Nm).**



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STEP 4: Using a 12mm socket and 3/8" swivel adapter, verify the torque of the 2- **RIGHT SIDE ONLY** 12mm hex head bolts securing the stabilizer bar bushing retaining bracket to the engine cradle. **Torque each bolt to 21 ft. lbs. (29 Nm).** (Steer the front wheels full right to gain enough access.)



STEP 5: Lower the vehicle to complete the procedure.

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CLAIM REIMBURSEMENT AND ENTRY PROCEDURES:

Credit to perform this service campaign will be based on the submission of properly completed repair order information. Retailers may submit claims through Vehicle Claim Entry on subarunet.com.

Labor Description	Labor Operation #	Labor Time	Fail Code	Claim Type
CHECK / RETORQUE FRONT SUSPENSION HARDWARE	B161-252	0.7	WTE-66	RC
BOLT(S) REPLACE, ONE OR ALL (when applicable)	C161-253	0.2		

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.