

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: 2013-2017MY Impreza
 2013-2017MY Crosstrek
 2012-2017MY Forester, NA and Turbo
 2015-2017MY WRX
 2013-2017MY BRZ

NUMBER: 02-166-17R

DATE: 03/10/17

REVISED: 06/26/17

SUBJECT: Upper Oil Pan Assembly- Design Changes

INTRODUCTION:

This bulletin outlines design changes made to the upper oil pan assembly on FA and FB engines used on the models listed above. There have been isolated cases where the sealer used between the upper oil pan and the crankcase has become displaced resulting in engine oil seepage.

Revisions made to the upper oil pan casting:

- The mating flange thickness of the casting in the area identified as the cause for the seepage has been increased by 5.5mm. (See images provided in the Parts Information section below.) This thickness increase creates the need for a longer bolt to provide proper tightening and retention.
- An additional mounting point has been added to the ribbing inside the casting to increase retention of the steel baffle plate and eliminate vibration.

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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.

SUBARU OF AMERICA, INC. IS ISO 14001 COMPLIANT

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.

PRODUCTION CHANGE INFORMATION:

The new upper oil pan castings were incorporated into production per the table below:

Vehicle / Model	Starting VIN	Notes
Impreza 4-Door	GH006075	All
Impreza 5-Door and Crosstrek	G8224566	
Forester	GG517171	2.5 NA w/MT
	GH487762	2.5 NA w/CVT
	GH493445	2.0 Turbo
WRX	G9823080	MT
	G8823385	CVT
BRZ	G9602083	MT
	G8601948	6AT

Design Changes incorporated into production by model:

Model	Design Change Made		
	Shape Change	Bolt Change	Added Mounting Point
Legacy / Outback	NO	NO	YES
Impreza / Crosstrek	YES	YES	YES
WRX	YES	YES	YES
Forester	YES	YES	YES
BRZ	YES	YES	Already Incorporated

PART INFORMATION:

Description	Part Number	Quantity
OIL PAN COMPLETE-UPPER	VIN-specific	1
BOLT (socket-head cap screw)	800408250	1
BOLT (hex-head for baffle plate)	808206010	1

NOTE: Always confirm the most recent part number upper oil pan is ordered whenever replacement is necessary along with the required additional bolts and one-time use sealing parts.

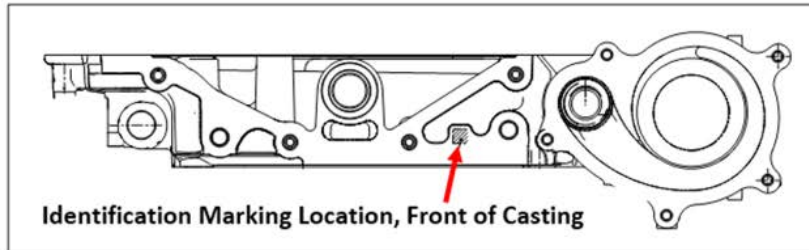
REMINDER: O-rings used between the upper oil pan and crankcase, on top of the oil pick-up tube and to seal the thermostat housing are all one-time use items and must always be replaced.

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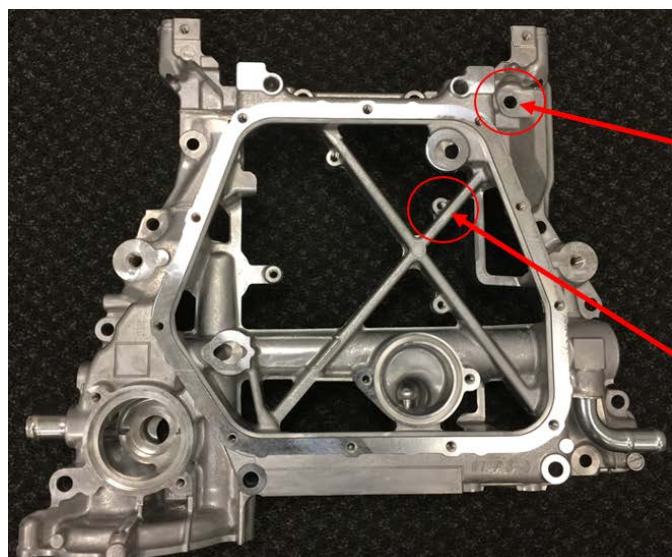
The new-style upper oil pan castings can be identified by:

- An underscore has been added to the identification letter found on the front face next to the water pump cavity and QR code box.

IMPORTANT NOTE: If the identification letter is a “N”, the casting is a p.n. 11120AA250 which is NOT affected by this TSB.



- Thicker casting and an additional mounting point for the baffle plate added to the internal ribbing.



Because the thickness of the casting has been increased by 5.5mm in this area, a new, longer socket-head cap screw, p.n. 800408250 is required replacing the original hex head bolt.

An additional mounting point / bolt hole has been incorporated here to improve retention of the baffle plate. Use hex bolt p.n. 808206010.

SERVICE PROCEDURE / INFORMATION:

If oil seepage is confirmed and replacement of the upper oil pan assembly is determined necessary, follow the service procedure in the applicable Service Manual. Both of the new bolt's torque specifications are unchanged.

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WARRANTY / CLAIM INFORMATION:

For vehicles within the Basic New Car Limited or Powertrain Limited Warranty period or covered by an active Subaru Added Security Powertrain, Classic or Gold plan, this repair may be submitted using the following claim information:

Labor Description	Applicability	Labor Operation #	Transmission		Fail Code
			MT	CVT/AT	
UPPER OIL PAN ASSEMBLY LEAK- REPLACE	2013-2016MY Impreza	A295-025	5.5	5.8	AEZ-48
	2017MY Impreza		6.4	6.7	
	2013-2017MY Crosstrek		5.5	5.8	
	2012-2017MY Forester		6.2	6.7	
	2015-2017MY WRX		6.6	7.1	
	2013-2017MY BRZ		5.6	5.9	

NOTE: Labor times listed include engine R&R, upper oil pan replacement and oil leak diagnosis.

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.