

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: 2015-2022MY Legacy/Outback
 2014-2022MY Forester
 2012-2022MY Impreza/Crosstrek
 2015-2022MY WRX
 2019-2022MY Ascent
 2013-2022MY BRZ

NUMBER: 02-187-21
DATE: 06/01/21

SUBJECT: Engine Oil Pressure Inspection – Service Procedure Change

INTRODUCTION:

This Service Information Bulletin outlines changes in the service procedure for engine oil pressure inspection for ALL models. The **NEW** procedure requires the engine oil pressure to be measured at idle AND at 3000 RPM. This standard has changed to provide an easier inspection. These changes will be added soon to the applicable Service Manuals.

SERVICE PROCEDURE / INFORMATION:

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

IMPORTANT NOTES:

- Always confirm the oil level is at the proper level prior to inspection.
- The standard oil pressure value is based on an engine oil temperature of 80°C (176°F).
- If the oil pressure is OUT of the specification, diagnose per the applicable Service Manual.
- If the oil pressure warning light is ON and oil pressure is within standard specification, diagnose per the applicable Service Manual.

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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Engine > MECHANICAL > Engine Oil Pressure > INSPECTION

For BRZ – LUBRICATION > LUBRICATION SYSTEM > FUNCTION INSPECTION

STEP 1) Disconnect the ground terminal from battery sensor while supporting the sensor with the other hand.

STEP 2) Remove the oil pressure switch.

STEP 3) Install the oil pressure gauge (498575400) tool into the oil pressure switch port in the chain cover.

STEP 4) Reconnect the ground cable terminal to battery sensor and torque to 7.5 Nm (5.5ft.-lbs. or 66 inch-lbs.) while supporting the sensor with the other hand: **STARTING / CHARGING SYSTEMS > Battery Sensor.**

STEP 5) Start the engine, and check the oil pressure.

Engine oil pressure:

At Idle (in Neutral or Park):

Standard

- Refer to the chart below for pressure specification.

At 3,000 RPM:

Standard

- Refer to the chart below for pressure specification.

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Model	MY	Engine Type	Oil Pressure at Idle	Oil Pressure at Idle	Oil Pressure at 3000rpm
			CVT/AT	MT	
Outback & Legacy	2015-2019	FB25	71 kPa (10 psi) or more	N/A	206 kPa (30 psi) or more
	2015-2019	EZ36	76 kPa (11 psi) or more	N/A	361 kPa (52 psi) or more
	2020-2022	FA24 DIT	62 kPa (9 psi) or more	N/A	350 kPa (50 psi) or more
	2020-2022	FB25	47 kPa (7 psi) or more	N/A	230 kPa (33 psi) or more
Forester	2014-2018	FA20 DIT	65 kPa (9.5 psi) or more	N/A	324 kPa (47 psi) or more
	2014-2018	FB25	71 kPa (10 psi) or more	69 kPa (10 psi) or more	206 kPa (30 psi) or more
	2019-2022	FB25	47 kPa (7 psi) or more	N/A	230 kPa (33 psi) or more
Impreza	2012-2016	FB20	69 kPa (10 psi) or more	69 kPa (10 psi) or more	206 kPa (30 psi) or more
	2017-2022	FB20	56 kPa (8 psi) or more	48 kPa (7 psi) or more	230 kPa (33 psi) or more
Crosstrek	2012-2017	FB20	69 kPa (10 psi) or more	69 kPa (10 psi) or more	206 kPa (30 psi) or more
	2018-2022	FB20	56 kPa (8 psi) or more	48 kPa (7 psi) or more	230 kPa (33 psi) or more
	2021-2022	FB25	47 kPa (7 psi) or more	N/A	230 kPa (33 psi) or more
WRX	2015-2022	FA20 DIT	65 kPa (9.5 psi) or more	65 kPa (9.5 psi) or more	324 kPa (47 psi) or more
STI	2015-2022	EJ25	N/A	102 kPa (14.8 psi) or more	451 kPa (65.4 psi) or more
Ascent	2019-2022	FA24 DIT	62 kPa (9 psi) or more	N/A	350 kPa (50 psi) or more
BRZ	2013-2020	FA20 D-4S	50 kPa (7 psi) or more	50 kPa (7psi) or more	222 kPa (32 psi) or more

STEP 6) After inspection, reinstall the related parts in the reverse order of removal.

NOTE: No changes have been made to the Warranty Labor Time Guide for this procedure.

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.