

ATTENTION:
GENERAL MANAGER
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CLAIMS PERSONNEL
SERVICE MANAGER

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QUALITY DRIVEN® SERVICE

SERVICE INFORMATION BULLETIN

APPLICABILITY: 2020-21MY Legacy/Outback 2.4 DIT (Turbo)
2019-21MY Ascent

NUMBER: 02-186-21

DATE: 05/18/21

SUBJECT: Scavenge Pump Installation- Service Procedure Change

INTRODUCTION:

This Service Information Bulletin outlines changes in the service procedure for scavenge pump assembly installation. A two-step torque procedure has been developed to ensure proper pump to cylinder block contact and optimize sealing.

SERVICE PROCEDURE / INFORMATION:

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

IMPORTANT PRECAUTIONS:

- Confirm the mounting surfaces of the scavenge pump and the cylinder block are completely clean.
- **DO NOT** add any type of sealer between the scavenge pump and the cylinder block.
- The Service Procedure for the scavenge pump removal remains unchanged: Engine > LUBRICATION (H4DOTC) > Scavenge Pump > REMOVAL

STEP 1) Install NEW O-ring (p.n. **806912190**).

STEP 2) Install the scavenge pump and temporarily tighten the bolts in a star pattern.

Initial tightening torque:

5.9 Nm (4.4 ft.-lbs. or 53 inch-lbs.)

Confirm the scavenge pump is properly seated to the cylinder block and final torque the bolts in a star pattern.

Final tightening torque:

6.4 Nm (4.7 ft.-lbs. or 56 inch-lbs.)

CAUTION: VEHICLE SERVICING PERFORMED BY UNTRAINED PERSONS COULD RESULT IN SERIOUS INJURY TO THOSE PERSONS OR TO OTHERS.

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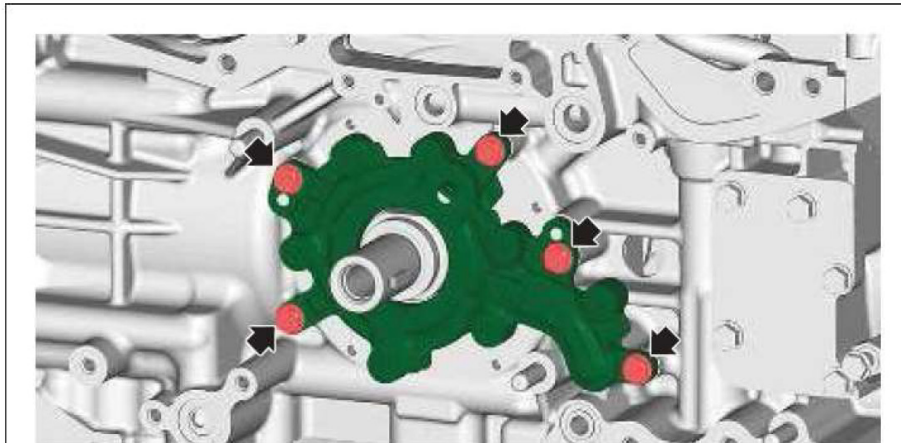
STEP 3) Install the oil jet.

Tightening torque:

6.4 Nm (4.7ft-lbs. or 56 inch-lbs.)

STEP 4) Reinstall the crank sprocket and related components in reverse order of removal:
MECHANICAL (H4DOTC) > Crank Sprocket > INSTALLATION.

STEP 5) Reconnect the ground cable terminal to battery sensor and torque to 7.5 Nm (5.5 ft.-lbs. or 66 inch-lbs.) while supporting the sensor with the other hand: STARTING / CHARGING SYSTEMS (H4DOTC) > Battery Sensor.



The five (5) bolts shown in the illustration above are affected.

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.