

- 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: 2012-2017MY Legacy and Outback
 2012-2016MY Impreza
 2013-2017 Crosstrek
 2011-2017MY Forester NA and DIT
 2015-2017MY WRX
 2013-2017MY BRZ
 2012-2014MY Tribeca

NUMBER: 07-133-18R

DATE: 02/09/18

REVISED: 11/14/18

SUBJECT: Knock Sensor Design Change, DTCs P0327, P0328, P0332 and P0333

INTRODUCTION:

This Service Information Bulletin announces design changes to the engine's knock sensor which will help improve vehicle assembly line efficiency and increase durability. In some cases, the Check Engine light may illuminate and a knock sensor-related DTC set in the ECM memory: P0327, P0328, P0332 and P0333. **The knock sensor for DIT engines is now utilized for NA engines to improve durability and resistance to heat.**

PRODUCTION CHANGE INFORMATION:

The new sensor was incorporated into production November 18th, 2016 starting with the following VINs **as per the table below:**

Model	Starting VIN
Legacy	TBD
Outback	
Forester Turbo	HH523310
Forester NA	HH538942
WRX	H9830255
Crosstrek	HH238540
BRZ	H9602284

Continued...

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.

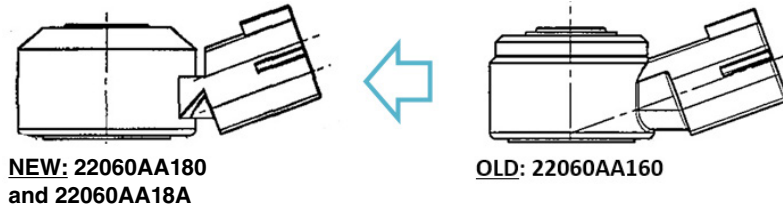
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PART INFORMATION:

- The part number for the new knock sensor to be used on Japan-built vehicles is: **22060AA180**.
- The part number for the new knock sensor to be used on SIA / US-built vehicles is: **22060AA18A**.

The reference illustrations below show the difference between the new and the old part.



SERVICE PROCEDURE / INFORMATION:

If any of the above listed DTCs are stored, diagnose as per the applicable Service Manual.

Follow the procedure in the applicable Service Manual when replacing the knock sensor. The torque specification for the retaining bolt (24 Nm / 17.7 ft. lbs.) is unchanged.

REMINDER: Do NOT use anti-seize compound on the sensor retaining bolt threads.

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.