

**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:** 2020-21MY Legacy & Outback  
 2019-21MY Forester  
 2021MY Crosstrek

**NUMBER:** 09-80-21R

**DATE:** 02/28/22

**REVISED:** 04/01/24

**SUBJECT:** DTC # P2682 & P26Ax\*\* / Thermo Control Valve – Design Change

### INTRODUCTION:

This bulletin announces availability of a new thermo control valve assembly. The new valve contains an enhanced stainless steel internal shaft for optimized durability along with advanced water proofing for the sensor portion. A new resin molding process was also used in production. These changes were implemented to prevent sensor corrosion which can cause DTCs P2682 and/or P26A\*\*.

### PRODUCTION CHANGE INFORMATION:

The new part has been incorporated into production per the VIN table provided to the right.

Model	Starting VIN
Outback	N3172367
Legacy	N3011124
Forester	MH567225
Crosstrek	M8372992

### PART INFORMATION:

**REMINDER:** Always order the most up-to-date replacement parts based on the specific VIN being repaired.

Quantity	Part Description	Part Number
1	VALVE ASSEMBLY-THERMO CONTROL	21319AA010 or 21319AA040
2	GSKT-INT MANIF (Legacy & Outback)	14035AA78A**
2	GSKT-INT MANIF (Crosstrek & Forester)	14035AA750**
1	PIPE AY-FUEL DLVY	17540AA460**
1	EGR GASKET	14738AA210**
1	O-Ring	45192FL000**

\*\* Indicates one-time-use parts.

**NOTE:** The new valve assembly comes with a replacement o-ring.

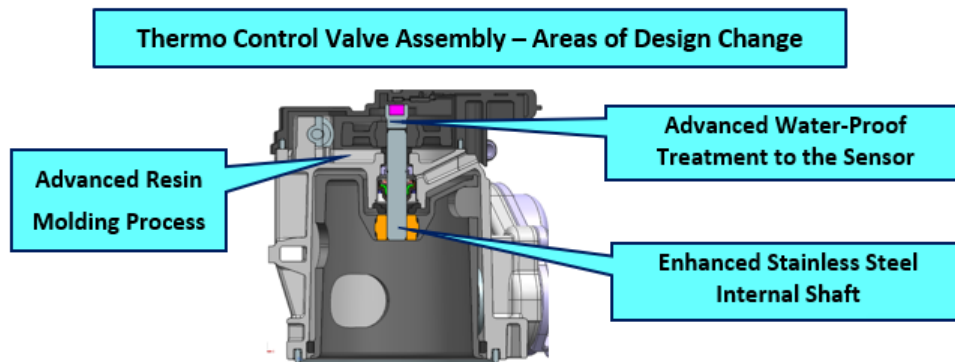
**CAUTION: VEHICLE SERVICING PERFORMED BY UNTRAINED PERSONS COULD RESULT IN SERIOUS INJURY TO THOSE PERSONS OR TO OTHERS.**

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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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.

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**SERVICE PROCEDURE / INFORMATION:**

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

**Identification:**

The 21319AA040 part numbers contain the design change. The 2139AA010 part numbers have the design change implemented without any part number change. The design change on these parts are identified by the production date code located on the valve assembly. The new parts started production on June 7th, 2021. All parts produced after this date incorporate the design changes.

**Reading the Production Date Code:**

**NOTE:** The Production Date Code cannot be read with the part installed.

- The 3rd and 4th digits of the 5-digit ID number show the production year. The EXAMPLE below shows 2021.
- The 5th digit of the 5-digit ID number shows the production month. The EXAMPLE below shows June (6).
- The 1st and 2nd digits of the 6-digit ID number show the production day. The EXAMPLE below shows the 11th.

**EXAMPLE:**

5-Digit Number
A 1 2 1 6
Year Month

6-Digit Number
1 1 0 1 3 7
Day

Production Month Code	
Digit	Month
1	January
2	February
3	March
Continued...	
X	October
Y	November
Z	December

**This part was produced on June 11, 2021.**

*Continued...*

## REPAIR PROCEDURE:

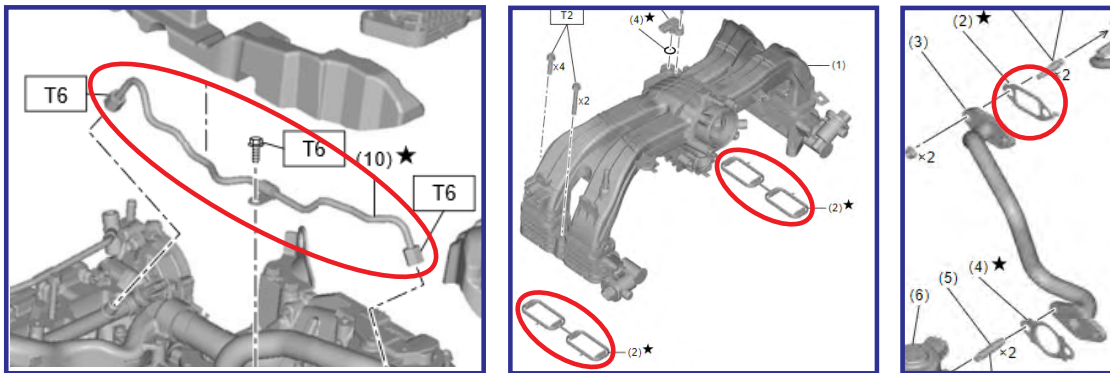
Refer to the applicable Service Manual and review: General Description > Repair Contents > Action required before & after Battery Disconnect. Additionally, record any stored seat position(s) before proceeding. Relearn any seat position memory after work is complete. If the power rear gate (PRG) height has been customized, that position must also be noted and relearned.

The service procedures for the thermo control valve assembly remain unchanged. Always refer to the applicable Service Manual and review the full requirements of the repair being performed. The Service Manual procedures contain information critical to performing an effective repair the first time, every time. This includes but is not limited to important SAFETY precautions, proper inspection criteria, necessary special tools, required processes and related one-time-use parts needed for a complete and lasting repair.

Refer to the applicable Service Manual: Engine > COOLING > Thermo Control Valve Assembly.

## CRITICAL INFORMATION:

- The Service Manual uses a black star (★) in the component breakdown illustrations to indicate one-time use parts. The high-pressure fuel delivery pipe, intake manifold gaskets, and EGR cooler gaskets are one-time use parts (shown below).



- Whenever reconnecting the ground cable terminal to the battery sensor, torque to 7.5Nm (5.5ft.-lbs. or 66inch.-lbs.) while supporting the sensor with the other hand as outlined in the applicable Service Manual under: STARTING/CHARGING SYSTEMS > Battery Sensor.

## WARRANTY / CLAIM INFORMATION:

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

Labor Description	Labor Operation #	Labor Time	Fail Code
A455-061	THERMO CONTROL VALVE ASSY R&R	2.6	CEG-43

For vehicles within the Thermo Control Valve Warranty Extension, refer to **TSB 09-119-24**.

*Continued...*

**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.