

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: 2019MY Ascent

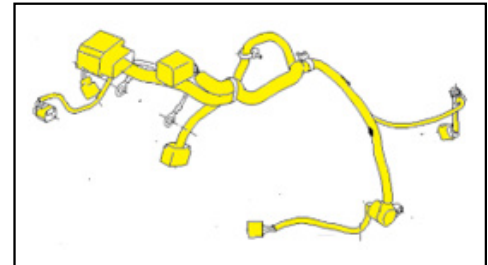
NUMBER: 16-122-19

SUBJECT: DTC P0842- Revised Diagnostics Procedure

DATE: 06/19/19

INTRODUCTION:

This Service Information bulletin provides an updated procedure to follow when diagnosing / repairing a DTC P0842: “TRANSMISSION FLUID PRESSURE SENSOR/SWITCH “A” CIRCUIT LOW”.



SERVICE PROCEDURE / INFORMATION:

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

Steps 4 and 5 of the Working Procedure for Diagnosis and Repair of DTC P0842 have been updated as shown below. When the resistance determined to be out of specification is found during diagnosis and electrical testing, the transmission harness must be REPLACED (NOT repaired as previously stated in the Service Manual).

4. CHECK TRANSMISSION HARNESS.

Start work after ATF cools down.

1.

Remove the transmission oil pan.

2.

Disconnect the line pressure sensor connector.

3.

Measure the resistance between transmission connector and line pressure sensor connector.

Connector and terminal

(T19) No. 3 — (AT2) No. 1:

(T19) No. 15 — (AT2) No. 3:

(T19) No. 18 — (AT2) No. 2:

Is the resistance less than 1 Ω ?



~~Repair the open circuit of harness.~~

Replace HARNESS-TRANSMISSION to new one.

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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5. CHECK TRANSMISSION HARNESS.

Measure the resistance between transmission connector and chassis ground.

Connector and terminal

(T19) No. 3 — Chassis ground:

(T19) No. 18 — Chassis ground:

Is the resistance 1 MΩ or more?



~~Repair the short circuit of harness.~~

Replace HARNESS-TRANSMISSION to new one.

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.