

ATTENTION:
 GENERAL MANAGER
 PARTS MANAGER
 CLAIMS PERSONNEL
 SERVICE MANAGER

IMPORTANT - All Service Personnel Should Read and Initial in the boxes provided, right.



QUALITY DRIVEN® SERVICE

SERVICE INFORMATION

APPLICABILITY: 2005-13MY Legacy and Outback Models with 5AT **NUMBER:** 16-91-14
 2006-13MY Tribeca **DATE:** 01/29/14

SUBJECT: Correction to Diagnostics for 5AT-Related DTCs:
 P0743, 748, 753, 758, 763, 768 and 773

INTRODUCTION

This Service Information describes 2 corrections to the Service Manual diagnostic procedures for the DTCs listed above. The information is only applicable to vehicles equipped with 5AT transmissions and relates to diagnostics for the lock-up solenoid and shift solenoid circuits. All the affected Service Manuals will be revised accordingly in the near future.

SERVICE INFORMATION

Correction 1: Applicable to: 2005-13MY Legacy / Outback w/5AT and 2006-13MY Tribeca

Incorrect (current) diagnostic step:

Step	Check	Yes	No
5. CHECK LOCK-UP SOLENOID. Measure the resistance between transmission ground and control valve body connector. Connector & terminal (T11) No. 5 — Transmission ground:	Is the resistance 3 — 9 Ω?	Go to step 6.	Replace the control valve body.

The connector number described above (T11) is the vehicle harness connector between the transmission control module and control valve body as shown in the schematic shown on pg. 2). The check is to measure the resistance between transmission ground and control valve body connector (T21), pin 5. Connector T11 should be labeled T21 (valve body harness connector).

Corrected step should read:

Step	Check	Yes	No
5. CHECK LOCK-UP SOLENOID. Measure the resistance between transmission ground and control valve body connector Connector & terminal (T21) No. 5 — Transmission ground:	Is the resistance 3 — 9 Ω?	Go to step 6.	Replace the control valve body.

The result of this check provides the resistance value for the lock-up solenoid.

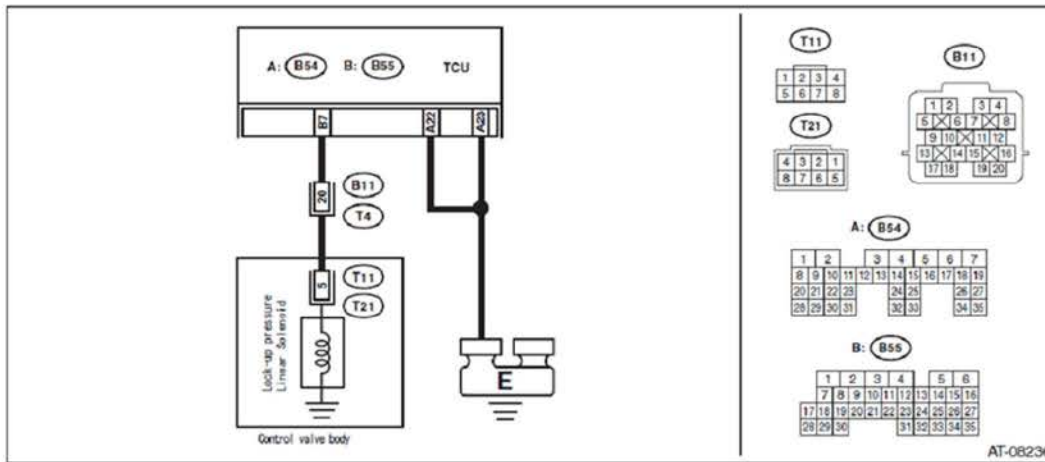
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CAUTION: VEHICLE SERVICING PERFORMED BY UNTRAINED PERSONS COULD RESULT IN SERIOUS INJURY TO THOSE PERSONS OR TO OTHERS.

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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- Correction 2: Applicable to: 2009-13MY Legacy / Outback w/ 5AT and 2009-13MY Tribeca
Incorrect (current) diagnostic step:

STEP	CHECK	YES	NO
4. CHECK HARNESS CONNECTOR BETWEEN TRANSMISSION AND CONTROL VALVE BODY. Measure the resistance between transmission ground and control valve body connector. Connector & terminal (T11) No. 5 — Transmission ground:	Is the resistance 1 MΩ or more?	Repair the open circuit of harness between control valve body connector and transmission ground.	Go to step 5.

Here, there are 2 issues with this step:

1. “YES” instruction is to repair the open circuit when it should read short circuit of the harness.
2. “YES” and “NO” recommendation instructions are reversed.

Corrected step should read:

STEP	CHECK	YES	NO
4. CHECK HARNESS CONNECTOR BETWEEN TRANSMISSION AND CONTROL VALVE BODY. Measure the resistance between transmission ground and control valve body connector. Connector & terminal (T11) No. 5 — Transmission ground:	Is the resistance 1 MΩ or more?	Go to step 5.	Repair the SHORT circuit of harness between control valve body connector and transmission ground.