

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 BULLETIN

APPLICABILITY: 2010MY and Later Legacy & Outback
 2012MY Impreza
 2006MY and later Tribeca

NUMBER: 12-134-12

DATE: 07/12/12

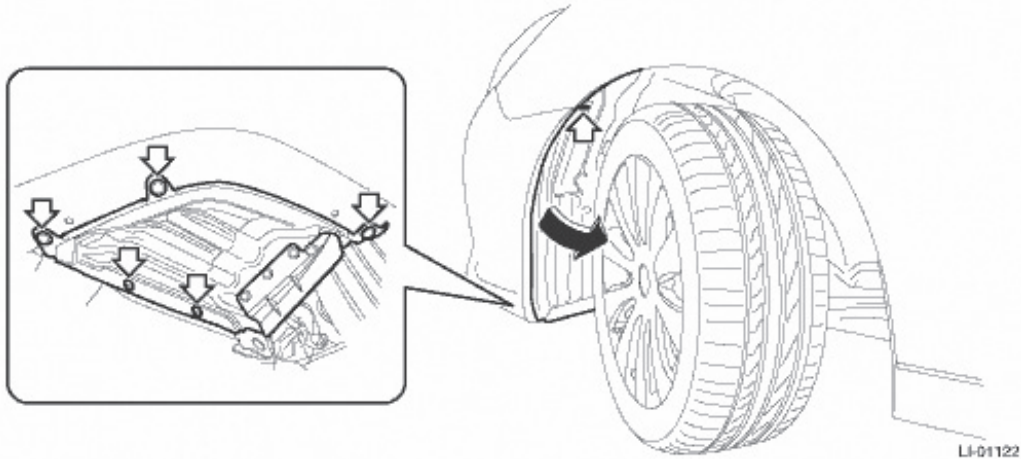
SUBJECT: Washer Fluid Level Sensor Diagnostics

INTRODUCTION

The purpose of this Service Bulletin is to explain the inspection, diagnosis and replacement procedures for the washer fluid level sensor.

SERVICE PROCEDURE / INFORMATION

1. Release the retaining clips and lower the L/F splash guard to gain access to the washer fluid tank and fluid level sensor assembly.



2. Check for evidence of poor contact of the washer fluid level sensor wiring harness connector.
3. Does the low washer fluid warning light illuminate after draining the washer fluid? If YES, does the low washer fluid warning light go off after refilling the washer fluid?

• **YES** → Fluid level sensor operation is normal.

• **NO** → Proceed to step 4.

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.

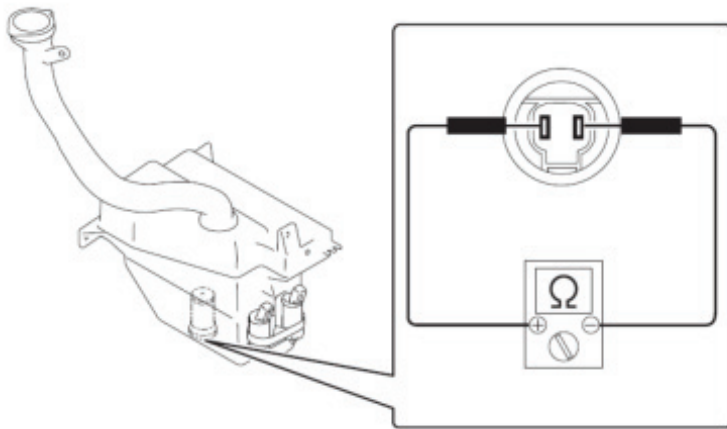
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The international standard for excellence in Environmental Management Systems. Please recycle or dispose of automotive products in a manner that is friendly to our environment and in accordance with all local, state and federal laws and regulations.

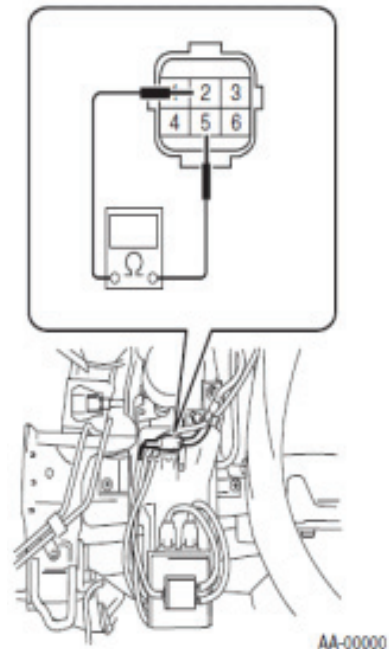
4. Remove the wiring harness connector from washer fluid level sensor then measure the voltage of the vehicle-side connector using a DVOM (digital volt / ohm meter).

Is the voltage approx. 8.5 V or more?

- **YES** → Proceed to step 5.
 - **NO** → Check the harness carefully and verify the I/O (input / output) signals to the combination meter and / or integrated unit as specified in the appropriate Service Manual. If harness and signal checks are all within specification, combination meter and / or integrated unit replacement may be necessary.
5. Does the washer fluid indicator in the combination meter illuminate if you connect the terminals of the washer fluid level sensor wiring harness connector together?
 - **YES** → Proceed to step 6.
 - **NO** → Check the harness carefully and verify the I/O signals to the combination meter and / or integrated unit as specified in the appropriate Service Manual. If harness and signal checks are all within specification, combination meter and / or integrated unit replacement may be necessary.
 6. Using a DVOM, measure the resistance of the washer fluid level sensor as shown.



Legacy and Impreza



Tribeca

Amount of Washer Fluid in the Tank	Resistance Standard
Empty (Indicator "ON")	Less than 10Ω
Fluid Remaining (Indicator "OFF")	1 MΩ

Continued...

Is the measured resistance value within the standard?

- **YES** → Fluid level sensor operation is normal.
- **NO** → Replace the washer tank assembly as the fluid level sensor is not serviceable separately.
Be sure to retain any re-usable fluid in a clean container.

WARRANTY/CLAIM INFORMATION

LABOR DESCRIPTION	LABOR OPERATION	FAIL CODE	LABOR TIME
Washer Fluid Level Sensor R&R Includes testing & diagnosis	A830-122	UNW 43	0.7