

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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SUBARU

QUALITY DRIVEN® SERVICE

SERVICE INFORMATION

APPLICABILITY: 2005-14MY Legacy and Outback, All Models
 2009-14MY Forester, All Models
 2008-13MY Impreza, All Models
 2004MY and Later WRX and STI, All Models
 2006-2014MY Tribeca

NUMBER: 06-47-14

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SUBJECT: Revision to Troubleshooting Information for VDC DTC C0071

INTRODUCTION

This Service Information bulletin announces a revision to the troubleshooting chart used when diagnosing a VDC system, DTC C0071 on any of the models specified above. The resistance value for the steering angle sensor wiring harness has been revised.

SERVICE PROCEDURE / INFORMATION

IMPORTANT NOTES:

- Always use the applicable Service Manual troubleshooting chart for the vehicle being repaired as the connector and terminal numbers shown in the example will likely differ.
- **Only the latest model year's edition of the Service Manual for each model listed above will be updated with this information on STIS in the future.**
- An **EXAMPLE** of the troubleshooting chart is supplied on page 2. In Step 4 of the example, the previous instruction was to check for 1 MΩ or more (open circuit). The revised test states to check for resistance of 10 Ω or more.

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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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.

Diagnostic Procedure with Diagnostic Trouble Code (DTC)

VEHICLE DYNAMICS CONTROL (VDC) (DIAGNOSTICS)

Step	Check	Yes	No
1 CHECK POWER SUPPLY FOR STEERING ANGLE SENSOR. 1) Turn the ignition switch to OFF. 2) Disconnect the connector from steering angle sensor. 3) Turn the ignition switch to ON. 4) Measure the voltage between steering angle sensor and chassis ground. Connector & terminal (B231) No. 4 (+) — Chassis ground (—):	Is the voltage 10 — 15 V?	Go to step 2.	Repair the steering angle sensor power supply circuit.
2 CHECK GROUND CIRCUIT OF STEERING ANGLE SENSOR. Measure the resistance between steering angle sensor and chassis ground. Connector & terminal (B231) No. 1 — Chassis ground:	Is the resistance less than 10 Ω ?	Go to step 3.	Repair ground circuit in the steering angle sensor.
3 CHECK STEERING ANGLE SENSOR HARNESS. 1) Disconnect the connector from the VDCCM&H/U. 2) Measure the resistance between VDCCM&H/U and steering angle sensor. Connector & terminal (B231) No. 2 — (B310) No. 8: (B231) No. 3 — (B310) No. 10:	Is the resistance less than 1 Ω ?	Go to step 4.	Repair the harness between the steering angle sensor and VDCCM&H/U.
4 CHECK GROUND SHORT CIRCUIT OF STEERING ANGLE SENSOR HARNESS. Measure the resistance between steering angle sensor and chassis ground. Connector & terminal (B231) No. 2 — Chassis ground: (B231) No. 3 — Chassis ground:	Is the resistance <u>10 Ω or more?</u>	Go to step 5.	Repair the harness between the steering angle sensor and VDCCM&H/U.
5 CHECK STEERING WHEEL. 1) Drive the vehicle on a flat road. 2) Park the vehicle straight. 3) Check the steering wheel for deviation from center.	Is the deviation from the center of steering wheel less than 5°?	Go to step 6.	Perform the centering adjustment of steering wheel, and perform Set up mode for Neutral of Steering Angle Sensor & Lateral G Sensor 0 point. <Ref. to VDC-20, SET UP MODE FOR NEUTRAL OF STEERING ANGLE SENSOR & LATERAL G SENSOR 0 POINT, ADJUSTMENT, VDC Control Module and Hydraulic Control Unit (VDCCM&H/U).>

REMINDER: 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 refer to STIS for the latest service information before performing any repairs.**