

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: 2014-2015MY Crosstrek Hybrid (HEV)

NUMBER: 16-114-18R

SUBJECT: DTC P0C79- Revised Diagnostics

DATE: 07/13/18

REVISED: 08/08/19

INTRODUCTION:

This Service Information bulletin provides revised diagnostics to follow when troubleshooting a DTC P0C79, “Drive Motor “A” Inverter Voltage Too High”.

SERVICE PROCEDURE / INFORMATION:

NOTE: The Service Manual will be updated with this new information in the near future.

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

Outline of Changes:

- The current **Step 1** has been deleted.
- Current Step 2 is now **Step 1**, (current malfunction) under “Check” has been deleted and under “No”, will be changed to Go to **Step 2** (from Step 3).
- Current Step 3 is now **Step 2** and under “Yes”, will be changed to Go to **Step 3** (from Step 4).
- Current Step 4 is now **Step 3**.

See the troubleshooting chart below for full details.

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.

1. CHECK DTC.

Read DTCs of the following system.

- Hybrid powertrain control system [Ref. to HYBRID ELECTRIC VEHICLE \(DIAGNOSTICS\)>Read Diagnostic Trouble Code \(DTC\)>OPERATION > HYBRID POWERTRAIN CONTROL SYSTEM.](#)
- Battery energy control system [Ref. to HYBRID ELECTRIC VEHICLE \(DIAGNOSTICS\)>Read Diagnostic Trouble Code \(DTC\)>OPERATION > BATTERY ENERGY CONTROL SYSTEM.](#)
- Engine [Ref. to ENGINE \(DIAGNOSTICS\)\(H4DO HEV\)>Read Diagnostic Trouble Code \(DTC\).](#)
- Transmission [Ref. to CONTINUOUSLY VARIABLE TRANSMISSION \(DIAGNOSTICS\)\(HEV\)>Read Diagnostic Trouble Code \(DTC\).](#)

Are any other DTCs detected?

Yes

Perform the diagnosis according to DTC. [Ref. to HYBRID ELECTRIC VEHICLE \(DIAGNOSTICS\)>List of Diagnostic Trouble Code \(DTC\)>LIST.](#) [Ref. to ENGINE \(DIAGNOSTICS\)\(H4DO HEV\)>List of Diagnostic Trouble Code \(DTC\)>LIST.](#) [Ref. to CONTINUOUSLY VARIABLE TRANSMISSION \(DIAGNOSTICS\)\(HEV\)>List of Diagnostic Trouble Code \(DTC\)>LIST.](#)

No

[Go to 2.](#)

2. CHECK BUS BAR.

1. Turn the ignition to OFF.

2. Disconnect the ground cable of the 12 volt auxiliary battery, and as for the 12 volt engine restart battery, disconnect the ground cable from the 12V engine restart battery sensor. [Ref. to NOTE>NOTE > BATTERY.](#)

3. Remove the service disconnect plug. [Ref. to HYBRID ELECTRIC VEHICLE>Service Plug.](#)

4. Wait for 10 minutes.

5. Check the bus bar.

Is the condition normal? (Check for loose bolts, insecure connection, foreign matter caught, trace of arc (burnt terminals) etc.)

Yes

[Go to 3.](#)

No

Retighten the bolts. Or replace the bus bar.

3. CHECK DRIVE MOTOR INVERTER.

1. Replace the drive motor inverter. [Ref. to HYBRID ELECTRIC VEHICLE>Inverter.](#)

2. Perform the Inspection Mode. [Ref. to HYBRID ELECTRIC VEHICLE \(DIAGNOSTICS\)>Inspection Mode.](#)

Is the same DTC detected? (current malfunction)

Yes

Replace DMCM. [Ref. to CONTINUOUSLY VARIABLE TRANSMISSION\(TH58A\)>Drive Motor Control Module.](#)

No

Problem is present in drive motor inverter.

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.