



## STAR ONLINE PUBLICATION



**Case Number:** S2508000013

**Release Date:** February 2025

**Symptom/Vehicle Issue:** The Cluster Electronic Vehicle Information Center (EVIC) Displays “ACC/FCW Unavailable Service Required”, “Adaptive Cruise Control (ACC) System is Disabled”

**Customer Complaint/Technician Observation:** Customer complains of a cluster message “ACC/FCW Unavailable Service Required” along with the following conditions Adaptive Cruise Control, Driver Assist Inoperative.

**Technicians may observe one or more of the following Diagnostic Trouble Codes:**

P1666-00-CRUISE CONTROL MODULE INTERNAL (MODULE, Adaptive Cruise Control (ACC)).

### Discussion:

P1666-00 is a General Diagnostic Trouble Code (DTC) that may set in combination with other DTC(s) which may impact the Driver Assistance System Module (DASM) functionality. Prior to replacing the DASM, start your diagnostic procedure with the DTC(s) in "Active" Status. The DASM should not be replaced if the DTC is in a “Stored” status.

Refer to the below conditions if P1666-00 is in a “Stored” status:

**Battery:** Ensure Battery State of Charge (SOC) is above 85% and battery is charged to nominal voltage of 10-16 Volts. Check for Voltage related DTCs such as, C212A-84-System Below Allowable Range, B21DD-16-System Voltage-Circuit Voltage Below Threshold, B21DD-84-System Voltage-Signal Below Allowable Range, and/or any mentioning of an undervoltage or overvoltage.

**Electrical/Wiring Harness:** Ensure there is no corrosion/tear or any damage to the wiring harness in relation to the fascia or any Steering (SCCM) or ABS which impacts the ACC system.

**Mechanical:** In some cases, P1666-00 may set with C14A4-00-Sensor Adjustment Required. A broken tab may also set this DTC. Inspect the DASM and ensure no damage to the bracket and tabs is made. Refer to S2408000114.

This document does not authorize warranty repairs. This communication documents a record of past experiences. STAR Online does not provide any conclusions about what is wrong with the vehicle. Rather, it captures all previous cases known that appear to be similar or related to the vehicle symptom / condition. You are the expert, and you are responsible for deciding on the appropriate course of action.

**Contact STAR Center, or your Technical Assistance Center Via TechConnect, eCONTACT or Service Library entry if no solution is found.**



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**Yaw Rate:** If DTC for Yaw Rate C0063-9A-Yaw Rate Sensor-Component or System Operating Conditions is being set with P1666-00. Cycle the ignition, which should send any active DTCs to stored when no issues are present, if an active DTC remains then confirm all other P1666-00 conditions are repaired and continue with normal DTC diagnostics as needed.

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