

2009 - 2015 Cadillac CTS-V: GM TechLink: Poor Ground Connection at G110

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GM TechLink

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On some 2009 - 2015 Cadillac CTS-V models, several intermittent conditions may be present, including a Service Power Steering message, reduced power steering assist, and illuminated ABS, traction control and electronic stability control (StabiliTrak) warning lamps on the instrument cluster.

In addition, DTCs C0450 (Steering Assist Control Actuator Circuit), C0899 (Device Voltage Low), U0121 (Lost Communication with Electronic Brake Control Module), U0123 (Lost Communication with Yaw Rate Sensor Module), or U0126 (Lost Communication with Steering Wheel Angle Sensor Module) may be set.

If any of these conditions are found, check for an aftermarket Cold Air Intake (CAI) assembly installed on the vehicle. Certain aftermarket CAI manufacturers use Ground 110 (G110) (Fig. 23) as a bracket mounting point (Fig. 24), which causes a poor ground connection on the vehicle.



Fig. 23

Fig. 24

TIP: G110 should not be used to attach any aftermarket accessories.

Remove the Cold Air Intake (Fig. 25) and reevaluate the performance of the vehicle.



Fig. 25

– Thanks to David Antal

Online URL:

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