



Service Bulletin

File In Section: 02 - Steering

Bulletin No.: 07-02-32-007

Date: August, 2007



INFORMATION

Subject: Diagnostic Tips for Power Steering Inoperative/Steering Wheel Hard to Turn, Power Steering Message Displayed on DIC, DTCs C0176, C0475, C0476, C0550, U2105, U2107 Set

Models: 2005-2008 Chevrolet Cobalt
2006-2008 Chevrolet HHR
2005-2006 Pontiac Pursuit (Canada Only)
2007-2008 Pontiac G5
2003-2007 Saturn ION

The following diagnostics might be helpful if the vehicle exhibits the condition(s) described above. Use the appropriate recommendation based on what symptom has occurred.

Recommendation/Instructions

No DTCs

Review Corporate Bulletin Number 05-02-32-002B to assure you do not have a blown 60 amp steering fuse. The fuse can be blown during improper jump starting of the vehicle on the HHR and ION. Check for this particularly for tow in conditions. DO NOT replace the steering column unless an internal short has been identified in the column that is causing fuse to blow.

Power Steering Warning Message on DIC with DTCs C0176 and C0476

This condition is often the result of excessive lock-to-lock turns of the steering wheel, causing the thermal protection in the Power Steering Control Module (PSCM) to take the steering motor temporarily off line. This is a normal operating characteristic of the system. DO NOT replace the steering column for this condition. Refer to Corporate Bulletin Number 06-02-32-002B for additional information.

Power Steering Warning Message on DIC with DTC C0475 or C0550 in the PSCM with any other codes

First inspect the motor harness connection to the PSCM. If no connector problems are found, then replace the steering column as this is an internal motor issue.

Power Steering Warning Message on DIC with DTC U2105 and/or U2107 in the PSCM with any other U codes

Although the code(s) appear in the PSCM, these are communication codes and are not the result of a problem with the column operation or the control module. If the codes are in history, clear the codes and re-key the vehicle a few times to see if they come back. If they reappear, look for a communication issue from the BCM U2107 or ECM U2105 (wiring, connector, etc.) as the root cause. If the codes do not reappear after a test drive, return the vehicle back to the customer and DO NOT replace the steering column.

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



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