



Service Bulletin

PRELIMINARY INFORMATION

Subject: Service 4WD Message And DTC C0327

Models: 2004-2012 Chevrolet Colorado
2004-2012 GMC Canyon
Equipped with 4WD

The following diagnosis might be helpful if the vehicle exhibits the symptom(s) described in this PI.

Condition/Concern

Some customers may comment on a "Service 4 Wheel Drive" message displayed in the DIC. Technicians may find DTC C0327 stored current or history in the TCCM. Concern may be intermittent but customer may comment that it happens mostly on initial drive cycle or several hours of sitting in cold or damp conditions. Concern may also be intermittent when attempting to shift into or out of 4WD.

Recommendation/Instructions

Perform diagnostics outlined in Service Information and if no root cause determined then inspect circuit 550 ground circuit for the transfer case encoder motor channel circuits. One suspect location is connector 2 terminal F7 in the under hood bussed electrical center. Check for proper terminal tension, corrosion, etc. Replace terminal if any concerns are found with the terminal. Usually this condition is easiest to duplicate under high electrical load conditions like starting the engine and shifting the transfer case.

Warranty Information

For vehicles repaired under warranty use:

Labor Operation	Description	Labor Time
N6656	Ground Connection Repair	Use Published Labor Operation Time

Please follow this diagnostic or repair process thoroughly and complete each step. If the condition exhibited is resolved without completing every step, the remaining steps do not need to be performed.

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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