



# TECH TIPS

**Dixie Part Numbers:** S-1506 S-1524 TBA

**Applications:** 2007 – 2010 Chevrolet Colorado  
2007 – 2010 GMC Canyon

**Condition:** The operator of the vehicle may complain of an intermittent no crank condition. The technician may find various diagnostic trouble codes retained in the system. The issue may increase after previous wiring repairs.

**Cause:** A potential cause for the above is poor grounding of the vehicle's electronics.

**Correction:** Follow the manufacturer's recommended procedures for inspecting ground connections including but not limited to:

Codes	Location of Connection
G100, G101, G102, G103	In the engine compartment on the lower left side of the engine block.
G104	In the engine compartment on the left inner front wheel well behind the battery.
G105	The ground splice pack in the engine compartment at the left side inner fender, near the engine body control module.
G106	The ground splice pack in the engine compartment at the right side inner fender, behind the air cleaner.
G107	On 2010 models only, in the engine compartment on the left front upper control arm mount.

When inspecting each connection ensure that all surfaces are clean and free of rust and that the hardware is properly tightened.