



# Service Bulletin

Bulletin No.: 24-NA-008

Date: January, 2024

## TECHNICAL

**Subject:** Hesitation, Reduced Power, Engine Stalling, Poor Transmission Performance, Door Locks Cycling, No Start, Erratic Activity with Interior Lights and Gauges, Engine Revving without Input, HVAC Erratic HVAC Control Inoperative or Erratic, Smoke, Loss of Power Steering

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Colorado	2015	2022			LCV	
GMC	Canyon						

<b>Involved Region or Country</b>	North America
<b>Condition</b>	<p>Some customers may comment on one or more of the following conditions:</p> <ul style="list-style-type: none"> <li>• Hesitation</li> <li>• Reduced power</li> <li>• Engine stalling</li> <li>• Poor transmission shifting performance</li> <li>• Door locks cycling without input</li> <li>• Loss of communication from various modules</li> <li>• No start</li> <li>• Erratic activity with interior lights and cluster gauges</li> <li>• Engine will rev without input</li> <li>• Arcing</li> <li>• HVAC control inoperative or erratic</li> <li>• Smoke</li> <li>• Loss of steering assist</li> </ul>
<b>Cause</b>	This condition may be caused by the battery positive cable not routed correctly making contact with the alternator and/or water pump.
<b>Correction</b>	<p>Inspect the battery cable for contact with the alternator or power steering pulleys.</p> <p>⇒ If contact is found. Replace the battery positive cable harness.</p>

**Important:** Service agents must comply with all International, Federal, State, Provincial, and/or Local laws applicable to the activities it performs under this bulletin, including but not limited to handling, deploying, preparing, classifying, packaging, marking, labeling, and shipping dangerous goods. In the event of a conflict between the procedures set forth in this bulletin and the laws that apply to your dealership, you must follow those applicable laws.

## Additional Information



For this example, it was found that the cable harness clip was not installed in the housing properly adding stress to the cable and A/C line.



6518127

For this example, it was found that the cable harness was not installed in the clip properly which resulted in the harness sagging downwards and contacting the pump pulley.

⇒ If damage to the clip is found. Replace the clip.



6518136



6517526

As shown in the graphics above, it was found that the cable harness retainer was damaged which resulted in the harness contacting the pump pulley.

⇒ If no damage to the harness is found, replace the retainer.



6518108

The retainer was damaged causing the cable harness to contact the alternator.

⇒ If no damage to the harness is found, replace the retainer.

### Service Procedure

Refer to *Battery Positive Cable Replacement* in the Service Manual.



6517515

Verify the is proper clearance between the Batter positive cable and the alternator and water pump.

## Parts Information

**Note:** Only select the parts that coincide with the repair performed. Replace the part with the P/N outlined in the Electronic Parts Catalog (EPC) in accordance with the vehicle VIN.

Causal Part	Description	Part Number	Qty
X	CABLE, BAT POS	84388411	1
X		85530472	1
N/A	RETAINER, BAT POS CBL (If required)	13578799	1
N/A	RETAINER, BAT POS CBL (If required)	11546557	1
N/A	CLIP, A/C CNDSR TUBE (If required)	11548591	1

## Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
4041710	Battery Positive Cable Replacement	Use the Published Labor Operations Time

Version	1
Modified	Released January 17, 2024

