



Preliminary Information

PIT6114 ABS / Traction Control / Stabilitrak / SES MIL DTCs C0511 C0510 C0516 and/or C0517

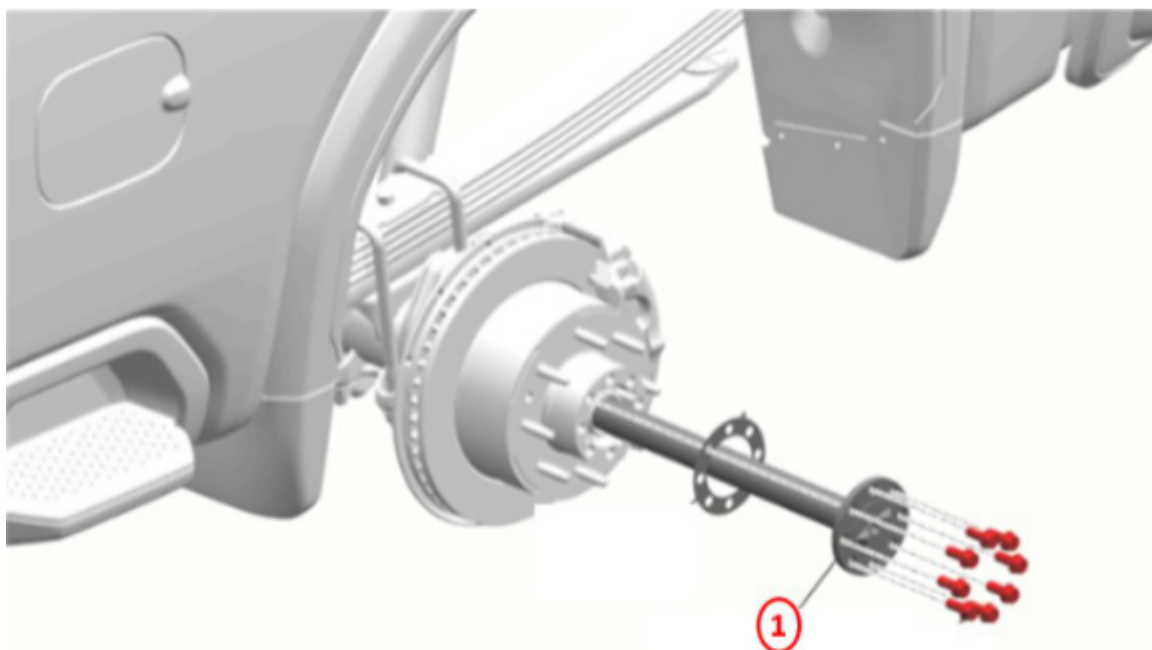
Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Chevrolet	Silverado 3500 HD	2024	All	All	All	All
GMC	Sierra 3500	2024	All	All	All	All

Involved Region or Country	North America
Additional Options (RPO)	With RPO DZW - DUAL REAR WHEEL
Condition	Some customers may comment on an ABS / Brake / Traction Control / Stabilitrak / SES MIL. When checking for DTCs there may be a rear Wheel Speed Sensor (WSS) DTC set for either the left or right side: example C0511, C0510, C0516, and/or C0517.
Cause	The cause of this concern could be a rear axle shaft with excessive runout. The excessive runout causes the air gap between the rear WSS and tone ring to increase and decrease as it turns.

Correction:

If a repair has not been found after performing SI diagnostics, then perform the following to help determine if excessive runout of the axle shaft is the cause. Use the parts catalog to determine if the rear axle shafts (item 1 shown below) are the same part number for both the left and right sides. If the part numbers are the same for both sides, then swap the axle shafts from left to right and see if the DTC follows the axle shaft. If so, then replace that axle shaft.



Warranty Information

For vehicles repaired under the Bumper-to-Bumper coverage (Canada Base Warranty coverage), use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

Labor Operation	Description	Labor Time
3030030	Rear Axle Shaft Replacement	Use Published Time

Version History

Version	1
Modified	01/22/2024 - Created on.



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