



Service Bulletin

Bulletin No.: 23-NA-032

Date: April, 2024

INFORMATION

Subject: Information on Servicing Diesel Engines with Ceramic Glow Plugs

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Cruze	2017	2019			LH7	
	Equinox	2018	2019			LH7	
	Silverado 1500	2020	2025			LM2, LZ0	
	Silverado 2500HD/ 3500HD	2017	2025			L5P	
	Silverado 4500HD, 5500HD and 6500HD	2019	2022			L5D	
	Suburban	2021	2025			LM2	
	Tahoe	2021	2025			LM2	
GMC	Sierra 1500	2020	2025			LM2, LZ0	
	Sierra 2500HD/ 3500HD	2017	2025			L5D	
	Terrain	2018	2019			LH7	
	Yukon Models	2021	2025			LM2	

Involved Region or Country	North America
Information	<p>Tips for the successful replacement of ceramic Glow Plugs:</p> <ol style="list-style-type: none"> 1. Measure the resistance of the new glow plug. <ul style="list-style-type: none"> - An open circuit in a glow plug is an indication that the glow plug tip is broken and should not be installed into an engine. 2. Do not install a glow plug into an engine if the glow plug has been dropped. 3. Pull on the tip of the new glow plug prior to installation. Be sure hands are clean before handling the glow plug. 4. Always use a Glow Plug Bore Reamer: <ul style="list-style-type: none"> - Whenever replacing a ceramic glow plug on a diesel engine, it is required to use a glow plug hole bore cleaning tool to remove the soot built up on the inside of the glow plug hole. The only exception to this is when servicing a glow plug on the 2.0 L or 2.8 L diesel engine. - As the engine runs during normal operation, soot builds up between the outside of the glow plug and the inside of the glow plug hole. Once a glow plug is removed, this soot that collected in the bore must be removed. If not, when installing a new glow plug, the soot could "side load" the new glow plug and induce a premature failure. - The recommended tools for cleaning these glow plug holes are as follows: 6.6 L Diesel, 3.0 L Diesel, and 1.6 L Diesel all use the EN-52074 Glow Plug Bore Reamer 5. Never use any type of grease or anti seize on the new glow plug. <ul style="list-style-type: none"> - The use of any type of lubricant could lead to over tightening of the glow plug.

	<p>6. When installing the Glow Plug, make sure that the glow plug is in line with the glow plug hole.</p> <ul style="list-style-type: none"> - Any side load placed on the glow plug could lead to a crack in the ceramic leading to premature failure. <p>7. Do not overtighten the glow plug.</p> <ul style="list-style-type: none"> - An overtightened glow plug could initiate a crack in the ceramic leading to premature failure.
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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.

Version	2
Modified	Released March 06, 2023 Revised April 29, 2024 - Added 2024 and 2025 to Applicable Vehicles and a Procedure to Information section.

