

Preliminary Information

PIP5489B Concerns Caused By Restricted Air Filter Element

Models

Brand:	Madali	Madal Vassa	VIN:					
	Model:	Model Years:	from	to	Engine:	Transmissions:		
Chevrolet	Silverado	2017 - 2018	All	All	6.6 L5P	All		
GMC	Sierra	2017 - 2018	All	All	6.6 L5P	All		
Involved Region or Co	ountry North America	North America						
Condition	surge, transmodic messages Message is Clarke dealer ted Exhaust Gas II Some of the Displayed of the Displayed is Clarke in Cl	ission slipping or jerking, a vision slipping or jerking, a vision Clean Exhaust Filter See eared or Diesel Partic Filter is chnician may find DTCs related Recirculation (EGR). TCS found may be: Iter 1 Balance System Iter 2 Balance System Iter 3 Balance System Iter 4 Balance System Iter 6 Balance System Iter 7 Balance System Iter 8 Balance System Iter 8 Balance System Iter 9 Balance System Iter 1 Injection Timing Retard Iter 1 Injection Timing Advant Iter 2 Injection Timing Retard Iter 3 Injection Timing Retard Iter 3 Injection Timing Retard Iter 4 Injection Timing Retard Iter 5 Injection Timing Retard Iter 6 Injection Timing Retard Iter 6 Injection Timing Retard Iter 7 Injection Timing Retard Iter 7 Injection Timing Retard Iter 8 Injection Timing Retard Iter 9 Injection Timing Retard Iter 9 Injection Timing Retard Iter 1 Injection Timing Retard Iter 2 Injection Timing Retard Iter 3 Injection Timing Retard Iter 4 Injection Timing Retard Iter 5 Injection Timing Retard Iter 6 Injection Timing Retard Iter 6 Injection Timing Retard Iter 7 Injection Timing Retard Iter 8 Injection Timing Retard Iter 8 Injection Timing Retard Iter 9 Injection Timing Retard Iter 9 Injection Timing Retard Iter 1 In	vibration or so Owners Mars S Full Contings S	shudder, nual Now nue Drivin r balanci nse - Incr nse - Dec on w, ice, wa air filter	low power, smoke, Cleaning Exhausing Displayed. Ing, mass air flow reasing Flow ater, dirt or mud. Vereasing reduce flow to the come apart. If this	Water getting into the air cleaner o the point that the air filter is		
Cause	using front en	filter box may be out of posit ad grille cover at below zero t ications may also allow wate	emperature	conditio	ns.	d and/or the owner may not be		

Confirm that the air filter box is in position, securely retained to the air (3).	cleaner bracket (1), that it is sealed to the inner fender (2) and to the hood
Drange cooling between the cirches upper gocket (2) and hand can be	checked by wetting the gasket (foaming glass cleaner was used in the
photos below), closing the hood and then checking for a contact ring assembly.	
The photo below shows a lack of contact in the front edge of the air cl	leaner seal.
Confirm that while the vehicle is operated in temperatures below -17C	(0F) that the front end grille cover is in use by the owner.
The induction system on the L5P is designed to prevent snow and wa	
If the air filter box is not positioned properly, it may compromise the se	
If sealing is compromised, snow can reach the air cleaner element alor	ng with warm air pulled from under the hood.
This can cause the snow to melt and re-freeze on the air cleaner element	ent blocking it with ice.
In addition if the vehicle is answered at temperatures heles: 170 (0F)	and the frent and grille sever is not used, snow can be nulled through the

Correction:

Caution: The hood should remain closed in wet conditions. If the hood is open water may enter the open port on top of the air cleaner assembly.

grill duct and over a period of time the filter may accumulate enough ice to reduce airflow.

Aftermarket Bumper Installed			
OEM bumper with intake air box protection to help prevent moisture ar	nd other debris get	iting into the air cleaner b	oox.
Aftermarket bumper without intake air box protection.			
Version History			

<u>version History</u>

Version	3
Modified	8/30/2017 to add information about aftermarket bumpers, water intrusion and added model year 2018. 2/2/2018 to add additional DTCs and drivability concerns.

















