



Preliminary Information

PIP5427B Diagnostic tips for SES light with DTCs P2635, U0074 and/or U18A2 set

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Cadillac	Escalade	2015 - 2018	All	All	6.2L L86	All
Chevrolet	Silverado	2014 - 2018	All	All	4.3L LV3 5.3L L83 6.2L L86	All
Chevrolet	Suburban	2015 - 2018	All	All	5.3L L83	All
Chevrolet	Tahoe	2015 - 2018	All	All	5.3L L83	All
GMC	Sierra	2014 - 2018	All	All	4.3L LV3 5.3L L83 6.2L L86	All
GMC	Yukon	2015 - 2018	All	All	5.3L L83 6.2L L86	All
GMC	Yukon XL	2015 - 2018	All	All	5.3L L83 6.2L L86	All

Involved Region or Country:	North America
Additional RPO/s:	L83 L86 LV3
Condition:	SES Lamp illuminated, DTCs P2635, U0074 and/or U18A2 set It may be found that actual fuel pressure (low pressure system) will be reading substantially higher than desired fuel pressure.
Cause:	Loss of communication between Engine Control Module and Fuel Pump Control Module.

Correction:

Follow published diagnostics for any communication DTCs set (U0074 would take priority over U18A2 if both set) before addressing DTC P2635.

If DTC P2635 is not resolved by correcting the communication DTCs, only then should SI diagnostics be followed for DTC P2635.

It has been found that a communication issue between the FPCM and ECM can potentially induce DTC P2635 and result in pressure differential between actual and desired fuel system pressures.

If the actual fuel pressure is substantially higher than desired (10 psi / 70 kPa or more), replacement of the fuel pump control module or fuel system components typically will not resolve this issue.

If the actual fuel pressure is substantially lower than desired (10 psi / 70 kPa or more), this PI would NOT apply. It would be recommended to follow SI diagnostics and any related PIs / TSBs.

Version History

Version	3
Modified	09/23/2016 - Created on 8/16/2017 to include 2017 and 2018 model years 3/06/2019 to update correction information



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