

Preliminary Information

PIT5564 SIR MIL With DTC's B0012 B0013 B0014 B0015 B0019 B0020 B0021 and/or B0022 (Aftermarket USB/Phone Charger)

Models

Brand:	Model:	Model Year
Cadillac	Escalade	2007 - 2014
Chevrolet	Silverado	2007 - 2013
Chevrolet	Silverado 2500/3500	2014
Chevrolet	Suburban	2007 - 2014
Chevrolet	Tahoe	2007 - 2014
GMC	Sierra	2007 - 2013
GMC	Sierra 2500/3500	2014
GMC	Yukon	2007 - 2014
Holden	VF/WN	2014 - 2017
Involved Region or Country	North America	

Condition	Some owners may comment of an intermittent SIR MIL. When checking for DTC most cases, it will have symptom codes for both high and low loop resistance (0
Cause	This concern could be caused by interference from an aftermarket USB and/or p resistance of an air bag deployment loop. - 1 is with only a USB charger plugged into the center console 12 volt power ou - 2 is when a phone was plugged into the USB charger and the deployment loop both symptoms codes for the loop resistance being above and below threshold - 3 is with everything unplugged from the 12 volt power outlet and the resistance

Correction:

If, after following normal diagnostics and the root cause is not found, inspect the vehicle and/or question the customer if they are using any type of USB/phone charger/etc.

As in the example above, the scan tool was used to monitor the suspect air bag loop resistance while using/operating the aftermarket item plugged into the 12 volt power outlet.

If the concern is intermittent and/or can not be duplicated, ask the owner to refrain from using anything that is being plugged into the 12 volt power outlets and see if the issue goes away.

Shown below is one example of a USB charger that has caused this type of concern.

Version History

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Modified	

Legal Data

Document Information

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Categories

- **Sierra**
- **2011**
- **2007**
- **Cadillac**
- **External PIs**
- **Audio, Bluetooth, Navigation, OnStar, Infotainment System**
- **2008**

- Escalade
- Driver Information and Entertainment
- 2014
- Failure Code Setting by Control Unit
- 2013
- Tahoe
- 2012
- Silverado
- Safety and Security
- 2009
- GMC
- Chevrolet

- Suburban

- 2010

- Yukon

- Infotainment Systems

Usergroups

- TAC Advisor

- ICS Advisor

- CCT Advisor

Views

- ICS

- TAC

- CCT

B0014, B0015, B0019, B0020, B0021, B0022, C1, C2, C3, C6, Cadillac, Chevrolet, GMC, GMT900, GMT920,

C's to set.

;All GMNA;Chevrolet;Silverado 2500/3500;2014;All;All;All;All GMNA;Chevrolet;Suburban;2007-
3;All;All;All;All GMNA;GMC;Sierra 2500/3500;2014;All;All;All;All GMNA;GMC;Yukon;2007-

2014, 2015, 2016, 2017, 2018, 2019, 2020, B0012, B0013, B0014, B0015, B0019, B0020, B0021, B0022, C1,
2, K2XX, K2UX, K3, K6, PIT5564, PIT5564A, PIT5564B, PIT5564C, SDM, SIR, SYM0D, SYM0E,

