2004 - 2009 Cadillac XLR: Service Bulletin: #PIP4925A: SES Light with Fuel Trim and or Oxygen Sensor Codes - (Mar 21, 2017)

#PIP4925A: SES Light with Fuel Trim and or Oxygen Sensor Codes - (Mar 21, 2017)

Subject:				SES Light with Fuel Trim and or Oxygen Sensor Codes			
Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
All	All	2000	2018	All	All	All	All

Supersession Statement

This PI was superseded to update Model Years. Please discard PIP4925

The following diagnosis might be helpful if the vehicle exhibits the symptom(s) described in this PI.

Condition/Concern

A customer may comment the vehicle has an SES light on. Initial diagnosis may display any of these fuel trim and/or O2 sensor related codes, P0101, P0137, P0138, P0140, P0141,P0157, P0158, P0160, P0161, P0171, P0174, P0420, P0430, P1174, P1175, P2096, P2097, P2098, P2099, P2177, P2178, P2179, P2180, P2187, P2188, P2189, P2190. P2270, P2271, P2272, P2273.

Recommendation/Instructions

If normal SI diagnostics does not lead to a resolution and an intake vacuum leak or an exhaust leak is suspected, the use of the J41413-200 Evaporative System Tester smoke machine may be useful to find the leak.

For an intake leak the smoke can be introduce into the brake booster hose or the oil dipstick tube.

For best effect covering the air intake before the MAF sensor to allow air pressure to build is recommended.

For an exhaust leak the hose into the tailpipe sealed with shop towels proves to be effective.

This method is very good for finding small leaks around the O2 sensor embossments and slight cracks in an intake plenum or gasket.

This process was also recommended in the 10207.07D - July 2007 Emerging Issues training seminar.

Please follow this diagnostic or repair process thoroughly and complete each step. If the condition exhibited is resolved without completing every step, the remaining steps do not need to be performed.

Online URL:
https://www.xlr-net.com/knowledgebase/article/2004-2009-cadillac-xlr-service-bulletin-pip4925a-ses-light-with-fuel-trim-and-or-oxygen-sensor-codes-mar-21-2017-122.html