



Preliminary Information

PIT5507C Service Park Assist Message At Start Up With DTC U0159 / False Alerts / Park Assist Off Message

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Cadillac	Escalade	2015 - 2016	All	All	All	All
Chevrolet	Silverado 1500	2014 - 2017	All	All	All	All
Chevrolet	Silverado 2500/3500	2015 - 2016	All	All	All	All
Chevrolet	Suburban	2015 - 2016	All	All	All	All
Chevrolet	Tahoe	2015 - 2016	All	All	All	All
GMC	Sierra 1500	2014 - 2017	All	All	All	All
GMC	Sierra 2500/3500	2015 - 2016	All	All	All	All
GMC	Yukon	2015 - 2016	All	All	All	All

Supersession Statement

With Ultrasonic Park Assist System (RPO UD5 or UD7)

Supersession Statement

This PI was superseded to update the model year, Condition, Recommendation and Parts sections. Please discard PIT5507B.

Condition / Concern

Some owners may comment of any of the following Parking Assist System issues:

1. (This concern only applies to 2014-2016 models) Unwanted/false alerts suggesting there is an object in front and/or behind the vehicle when there is nothing there. This issue is more prevalent when it is raining or snowing.
2. (This concern only applies to 2016 models) At times when the truck is first started, there is a "Service Parking Assist" message displayed. If the ignition is cycled off and back on, the message will be gone. When scanning for DTC's, a U0159 will be set in the IPC and/or BCM. This concern only occurs at start up and is very random.
3. (This concern only applies to 2016-2017 Silverado 1500 and Sierra 1500 models) Unwanted/false front park assist alerts suggesting there is an object in front of the vehicle when there is nothing there. In some cases, there may be a "Park Assist Off" message displayed and the park assist switch LED will be disabled.

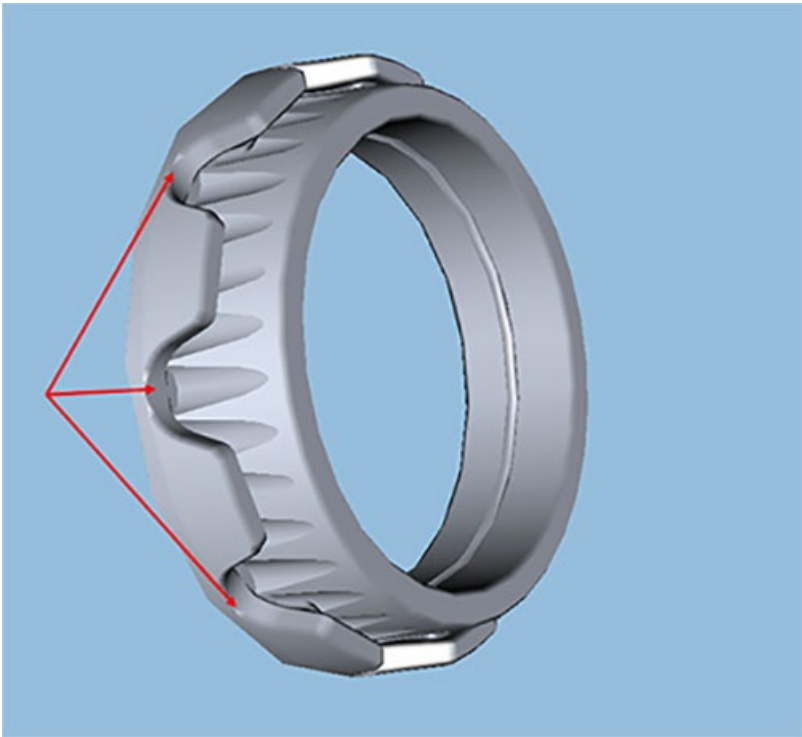
Recommendations / Instructions

Condition 1 and 2: Engineering has developed updated Parking Assist Control Module (K41) calibrations to correct these concerns. Reprogram the K41 Parking Assist Control Module with the latest calibrations currently available in TIS2WEB.

Condition 3 - The 2016-2017 Silverado 1500 and Sierra 1500 models use a new/different style front park assist sensor ring, which is scalloped, as shown below. There have been reports of replacement front park assist sensors coming with the incorrect sensor ring, which do NOT have the scallops. If the wrong sensors rings (withOUT the scallops) are installed, it will cause unwanted/false front park assist alerts. This can cause the system to display the "Park Assist Off" message.

Remove the front park assist sensor(s) and inspect the sensor rings for the scallops molded into the ring, as shown below. If there are no scallops molded into the ring, the wrong sensor ring(s) are installed. Replace the sensor ring(s) with GM part number 84075328, which is the new scalloped design.

It is imperative when installing the sensor rings to pay close attention that the sensor and ring are properly installed. If the sensor and ring are not properly installed and there is binding/misalignment/etc. of the sensor/ring, it will continue to cause unwanted/false alerts.



Note: Remember even with the updated calibrations and correct sensor rings installed, the park assist system could give false alerts and disable. Below are examples which can effect system operation. To prevent injury, death, or vehicle damage, even with Parking Assist, always check the area around the vehicle and check all mirrors before moving forward or backing.

- The Rear Park Assist will not work properly if the tailgate is down. If the tailgate is down, do not use the park assist systems and in some cases the "Park Assist Off" message may display.
- If an object is attached to the rear of the vehicle, such as a trailer, bicycle rack, trailer hitch receiver, or tow bar. Also, an object extending beyond a lowered tailgate will disable the system.
- If an object is attached to the front of the vehicle, such as brush guard, cattle guard, bully guard, lights, snow plow, hitch, push bar, bicycle rack, etc.
- If the parking assist sensors are covered by snow, mud, dirt, slush, ice, heavy rain, etc.
- The vehicle bumper is damaged.
- Excessive paint thickness on a replacement parking assist sensor.
- The parking assist sensors are disrupted by vibrations, like those caused by a large nearby vehicle, heavy equipment such as a jackhammer, aftermarket horns or siren, etc.

Parts Information

Part Number	Description	Qty
84075328*	Front Park Assist Sensor Ring	As Needed
*For use only on the front of 2016-2017 Silverado/Sierra 1500 Models.		

Warranty Information

Labor Operation	Description	Labor Time
2810375	Parking Assist Control Module Reprogramming with SPS	Use Published Labor Time
6420260	Front Parking Assist Alarm Sensor Replacement	Use Published Labor Time
6420280	Rear Parking Assist Alarm Sensor Replacement	Use Published Labor Time

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.