



Subject: Box Removal – with Blind Zone Alert (UKC) and Park Assist (UD5/UD7)

Models/ 2019 – 2024 LD (1500)
Year(s): 2020 – 2024 HD (2500/3500)
Chevrolet Silverado/GMC Sierra

Origination
Date: May 15, 2020

Revision Date: August 2, 2023

ADVISORY:

Condition/Concern:

This bulletin provides the information regarding the elimination of the components for the Side Blind Zone Alert (SBZA) and the Park Assist (PA) systems when performing a box removal on a vehicle with these optional driver assistance features to install a service body. When removing the box, the rear bumper is also removed with the components mounted to the/in the bumper. The absence of the components results in "Service System" messages in the Driver Information Center (DIC).

Recommendation:

The following steps must be performed to disable the features and to eliminate the "Service System" message on the DIC.

NOTE: This a customer paid service event.

Note: Relocation of the Park Assist sensors or the SBZA modules is not supported by General Motors – these devices are only tested in their OEM locations and as such the performance and accuracy is unknown.

SIDE BLIND ZONE/CROSS TRAFFIC ALERT

The SBZA system is disabled due to the absence of the modules that are mounted on inside of the bumper corner step insert. Due the absence of the modules sending information on the data bus...the IP Cluster will display a Service System message...The GM Service procedure below will eliminate the DIC message.

For Model Year 2023 and newer trucks.

You can no longer simply remove power or the device from the vehicle as the modules provide the continuation of the data bus and their absence will result in Diagnostic Trouble Codes (DTCs) being set on the vehicle

PARK ASSIST (UD5-FRONT/REAR and UD7 REAR ONLY)

Pre 2023 Model Year

To completely disable the Park-Assist (both the front and rear) system you must remove Fuse 18 in the RH IP Fuse Block – The procedure below will eliminate the message for this system as well.

General Motors Upfitter Integration

<http://www.gmupfitter.com>



PARK ASSIST (UD5-FRONT/REAR and UD7 REAR ONLY)

2023MY and beyond

The chassis side connector for the X950 Rear Object Alarm Sensor Wiring Harness will need to be capped using GM service connector P/N 19300557. This service connector has the cavities all sealed and will prevent any environmental damage or deterioration from occurring. DO NOT remove the fuse or disconnect the Park Assist module as was noted earlier the module completes the data bus circuit. The Park Assist module will need to be reprogramming following the updates perform by Techline to the Vehicle Configuration Index (VCI) outlined below.

The module once reprogrammed will no longer perform any Park Assist functions, but simply continue to pass the data messages being transmitted on the bus.

SIDE BLIND ZONE/CROSS TRAFFIC ALERT

The SBZA system is disabled due to the absence of the modules that are mounted on inside of the bumper corner step insert. Upon removal of the modules a connector cap is required to provide the looped circuit for the data bus as the SBZA modules also as noted for the Park Assist module acts as a pass through for the data bus. The GM termination cap P/Ns are 85536968 (LH side connector) and 85536971 (RH side connector).

Reprogramming requirements - GM Dealer

Contact Techline – Updates to the VCI (Vehicle Configuration Index) are required. There is an administrative fee charged to the dealer, which is typically passed onto the customer and is in addition to any labor charges applied by the dealer

1. The VCI must be updated to remove the options of UKC and UD5 or UD7.
2. Once the VCI has been updated, the following Modules will need to be reprogrammed
 - o The Park Assist (PA) module (to only allow for the data pass-thru ability)
 - o The BCM to disable the monitor of the instrument panel PA disable button
 - o The Instrument Cluster to disable the "Service System" messages after the PA and SBZA systems have been removed or disabled.

Reminder – These modifications are not covered by warranty and are performed at the customers expense.

Addition note:

To eliminate the fast-flashing condition of the turn signals the Electronic Lighting Module (ELM) will need to be reprogrammed. An additional update the VCI is required where the E63 Pickup Box option is replaced with the ZW9 Box Delete option. This programming update will also convert uplevel trim trucks with separated Stop and turn signals circuits into a combined stop/turn circuit wiring configuration.