



Service Bulletin

Bulletin No.: 19-NA-071

Date: June, 2020

TECHNICAL

Subject: Forward Collision/Active Safety System Inoperative, No Messages or Alerts, DTC's B390A 45, B390A 58 and/or DTC B390A 67 are set.

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Cadillac	Escalade Models	2016	2020			All	All

Involved Region or Country	North America, N.A. Export Regions
Condition	Customer may comment on finding the forward collision/active safety system inoperative, while receiving no other messages or alerts. Technicians may find DTC's B390A 45, B390A 58 and/or DTC B390A 67 set.
Cause	The cause of the condition may be a combination of the following: <ul style="list-style-type: none"> • The B233 Radar Sensor Module — Short Range performs internal fault detection on itself, and the module continually runs the program to detect faults. • If the B233 Radar Sensor Module — Short Range has detected an internal malfunction, it will not function and the Active Safety System will be inoperative.
Correction	<ul style="list-style-type: none"> • If DTC B390A 58 is set, check for anything that can interfere with the radar signal. Verify that the area in front of the radar is clean of mud, ice, snow, etc. Also verify the fascia panels in front of the radar are damage-free, and not obstructed by any add-on accessories such as emblems, stickers, etc. • If the vehicle fascia is clean, unobstructed, and damage free, and B390A 58 is still set as current, the radar sensor has detected a blockage condition and will not be able to clear it until certain conditions are met. It will be necessary to drive the vehicle at a speed greater than 9 km/h (6 mph) and allow the radar sensor to be exposed to other vehicles/traffic in the direction of the radar sensor field of view. Usually, a short drive in normal traffic conditions will allow the radar sensor to clear the blockage condition. • The B233 Radar Sensor Module — Short Range cannot be swapped from side to side once they have been installed on a vehicle. DTC B390A 67 may set if a B233 Radar Sensor Module — Short Range is reinstalled on the incorrect side of the vehicle. • If DTC B390A 45 is set, it is most often due to the radar not learning the vehicle position correctly, rather than an indication of an actual Software programming issue. To correct, run or re-run the set-up function within the appropriate programming tool. Make sure to perform both the programming and set-ups steps in SPS. <p>If further information is needed, refer to <i>DTC B390A - Circuit/System Verification</i>, in SI.</p>

Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
2810655	Radar Sensor Module - Short Range Reprogramming with SPS	Use Published Labor Operation Time

Version	2
Modified	Released April 08, 2019. Revised May 29, 2020— Added the 2016, 2017, and 2020 Model Years, Also removed Yukon, Tahoe and Suburban Models.

