



STAR ONLINE PUBLICATION



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Symptom/Vehicle Issue: Forward Collision Warning Off Message While Driving in Certain Weather Conditions

Customer Complaint/Technician Observation: Owner complains that the forward collision warning “Off” message turns on at times while driving and questions on how to turn the system back on. Technician may or may not been able to duplicate the concern. Vehicle may have set the following Diagnostic Trouble Codes (DTC) as stored C14A5-00 Sensor Blinded.



Discussion: The Forward Collision Warning (FCW) system with mitigation provides the driver with audible warnings, visual warnings (within the instrument cluster display), and warn the driver when it detects a potential frontal collision. The warnings and limited braking are intended to provide the driver with enough time to react, avoid or mitigate the potential collision.

Pedestrian Emergency Braking (PEB) is a subsystem of the Forward Collision Warning (FCW) system which provides the driver with audible warnings and visual warnings, in the instrument cluster display. It may apply limited automatic braking when it detects a potential frontal collision with a pedestrian/cyclist.

If the systems sensor becomes blinded, the systems response is to warn the driver and turn the system off until the blinded condition is or can be corrected. To re-enable the system after a blinded condition was detected it requires the system to recognize the condition has been corrected (no blinded condition) either while driving and it clears on its own or by physical inspection to clean the blinded condition.

Once the blinded conditions are corrected the system can be re-enabled using the Uconnect System: Settings >Safety and Driver Assistance >Automatic Emergency Braking > make sure both the PEB if equipped and FCW are set “ON” and enabled for both “Warning and Active Braking”. Then test drive the vehicle to duplicate any other DTC’s. Use Service Library DTC diagnostics or wiring diagrams to further diagnosis any other intermittent or active faults as needed.

This document does not authorize warranty repairs. This communication documents a record of past experiences. STAR Online does not provide any conclusions about what is wrong with the vehicle. Rather, it captures all previous cases known that appear to be similar or related to the vehicle symptom / condition. You are the expert, and you are responsible for deciding on the appropriate course of action.

Contact STAR Center, or your Technical Assistance Center Via TechCONNECT or eCONTACT ticket if no solution is found