

# Active Brake Assist (ABA) 5.0



**ABA 5.0** is always on (above ~2.5 MPH), automatically tracking other vehicles in its path, using its bumper-mounted radar and high-definition camera for improved object recognition

ABA 5.0 remains functional if camera system becomes temporarily impaired, by utilizing radar only (reverts to 4.0)

The camera is not capable of initiating a braking event. Therefore, shadows, pictures, murals etc., cannot trigger a braking event

Warning



Collision Warning



## 1. INITIAL WARNING NO BRAKING

The driver receives a simultaneous visual dash alert and pulsating warning tone.

Warning



Collision Warning



## 2. WARNING AND PARTIAL BRAKING

If the driver does not respond to the visual/audio warning, the system will trigger a visual dash alert with solid warning tone and simultaneously initiate partial braking.

Warning



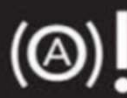
Emergency Braking



## 3. WARNING/FULL BRAKING

If there is still no driver input, the system will trigger a visual dash alert, solid warning tone, and engage in full braking.

Notice



Emergency Braking  
Finished



## ABA FULL BRAKING EVENT FINISHED, BRAKES ON HOLD\*

At this point, the full braking event is finished, with the truck at a complete stop and the brakes being held.

