

Active Brake Assist (ABA) 4.0



ABA 4.0 is always on (above ~2.5 MPH), automatically tracking the distance from the front of the truck to other vehicles in its path using **bumper-mounted radar**. When a truck gets too close to another vehicle, three phases of collision mitigation are activated:



1. INITIAL WARNING NO BRAKING

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



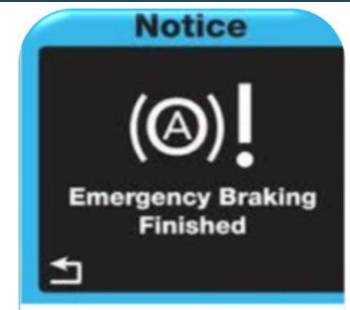
2. WARNING AND PARTIAL BRAKING

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.



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.



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.