

# ADAS

## DRIVER TRAINING

## IN-CAB DEVICES



The in-cab devices installed in your truck will include a windshield-mounted ADAS camera that will be used to detect the road and obstacles ahead.

The Driver Feedback Device (DFD) will alert you visually and audibly for specific unsafe ADAS defined conditions. If those conditions persist, then an event will be triggered and offloaded.



The in-cab Driver Feedback Device (DFD) enables you to see and hear alerts created by the windshield-mounted ADAS camera.

The alerts include short following, forward collision, and lane departures.

**ID+**  
**DRIVER FEEDBACK DEVICE (DFD)**  
**OVERVIEW**



# ID+ DRIVER FEEDBACK DEVICE (DFD) OVERVIEW

The DFD Alerts Screen will visually display your speed (if enabled) and any alerts that have been detected.

To adjust the volume, you can push the up or down buttons on the right side of the DFD.

Note you cannot disable the volume, just turn the volume down to a certain point.

The Manual Event button can be used by you to manually trigger an event.



# DRIVER FEEDBACK DEVICE (DFD)

## OVERVIEW

### SHORT-FOLLOWING ALERT

The ADAS camera monitors the distance in seconds from the vehicle ahead.

The Short-Following alert is triggered when your vehicle is 1.5 seconds or less from the vehicle in front of you.

There is a 10 second delay from the time another vehicle enters your same lane ahead to allow you time to back-off and create a safe distance.

#### YELLOW VISUAL ALERT

Following distance is 1.5 seconds or less.

Audible alert is two (2) short beeps.

NO event is triggered.



#### RED VISUAL ALERT

Following distance is .8 seconds or less.

Audible alert is one (1) continuous beep.

Event is triggered IF you don't respond within 10 seconds of alert.



# DRIVER FEEDBACK DEVICE (DFD) OVERVIEW

## LANE DEPARTURE ALERT

The ADAS camera sends a visual and audio alert when it detects lane deviation without using a turn signal.

You will be warned of a lane departure when you cross over a dotted line and/or a solid line.

Audible alert is two (2) short beeps.



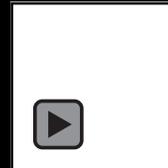
LEFT DOTTED LINE



RIGHT DOTTED LINE



Audible alert is one (1) long beep.



LEFT SOLID LINE



RIGHT SOLID LINE



# DRIVER FEEDBACK DEVICE (DFD) OVERVIEW

## FORWARD COLLISION ALERT

The ADAS camera sends a visual and audio alert when there is a possible collision with a vehicle ahead at current speeds.

### YELLOW VISUAL ALERT

Three (3) seconds to collision

Audible alert is three (3) short beeps.

NO event is triggered.

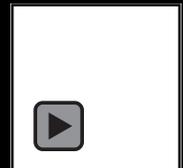


### RED VISUAL ALERT

Two (2) seconds to collision

Audible alert is one (1) continuous beep.

An event IS triggered.





Driving Smarter