



**VEHICLE FACTORS ATTACHMENT**

**2020 Ford Transit Owner's Manual – Pre-Collision Assist**

**Rushville, IL**

**HWY24MH005**

**(4 pages)**

# Driving Aids

## PRE-COLLISION ASSIST



**WARNING:** You are responsible for controlling your vehicle at all times. The system is designed to be an aid and does not relieve you of your responsibility to drive with due care and attention. Failure to follow this instruction could result in the loss of control of your vehicle, personal injury or death.



**WARNING:** The system does not operate during hard acceleration or steering. Failure to take care may lead to a crash or personal injury.



**WARNING:** The system may fail or operate with reduced function during cold and severe weather conditions. Snow, ice, rain, spray and fog can adversely affect the system. Keep the front camera and radar free of snow and ice. Failure to take care may result in the loss of control of your vehicle, serious personal injury or death.



**WARNING:** The system may not operate properly if your vehicle has a non-Ford windshield. Do not carry out windshield repairs in the area around the sensor.



**WARNING:** Some situations and objects prevent hazard detection. For example low or direct sunlight, inclement weather, unconventional vehicle types, and pedestrians. Apply the brakes when necessary. Failure to follow this instruction could result in the loss of control of your vehicle, personal injury or death.



**WARNING:** The Pre-Collision Assist system with brake support cannot help prevent all collisions. Do not rely on this system to replace your judgment and the need to maintain correct distance and speed.

The pre-collision assist system is active when your vehicle reaches a speed greater than approximately 6 mph (10 km/h). Pedestrian detection is active at speeds up to 50 mph (80 km/h).

**Note:** *The system is not designed to detect animals.*

**Note:** *The system is not designed to detect vehicles or cyclists that are traveling in a different direction.*



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If your vehicle is rapidly approaching another stationary vehicle, a vehicle or cyclist traveling in the same direction as yours, or a pedestrian within your driving path, the system is designed to provide three levels of functionality.

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Level of Functionality	Description
Alert	When activated, a warning lamp flashes and an audible warning sounds.
Brake support	The system is designed to help reduce the impact speed by preparing the brakes for rapid braking. The system does not automatically apply the brakes. If you press the brake pedal, the system could apply additional braking up to maximum braking force, even if you lightly press the brake pedal.
Active braking	The system is designed to apply the brakes if it detects a crash is imminent. This may help reduce impact or avoid the crash.

## Switching Active Braking On and Off

- Using the information display controls on the steering wheel, select **Driver Assist.**
- Select **Pre-Collision Assist.**
- Switch **Active Braking** on or off.

### Distance Alert (If Equipped)

A warning lamp illuminates if the distance to the vehicle ahead is small.

**Note:** *The warning lamp does not illuminate if cruise control or adaptive cruise control is active.*

## Adjusting the Sensitivity of Distance Alert

- Using the information display controls on the steering wheel, select **Driver Assist.**
- Select **Pre-Collision Assist.**
- Select **Alert Sensitivity.**
- Select a setting and press the **OK** button.

### Distance Indication (If Equipped)

A graphical indication displays the time gap to vehicles ahead of you traveling in the same direction.

**Note:** *The graphic does not display if you switch on cruise control or adaptive cruise control.*

Vehicle Speed	System Sensitivity	Distance Indicator Color	Distance Gap	Time Gap
62 mph (100 km/h)	Normal.	Gray.	Greater than 82.0 ft (25 m)	Greater than 0.9 seconds.
		Yellow.	55.8–82.0 ft (17–25 m)	0.6–0.9 seconds.
		Red.	Less than 55.8 ft (17 m).	Less than 0.6 seconds.

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## Switching Distance Indication On and Off

- Using the information display controls on the steering wheel, select **Driver Assist.**
- Select **Pre-Collision Assist.**
- Switch **Distance Indication** on or off.

## Pre-Collision Assist System Sensors



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The camera is mounted behind the interior mirror.



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The radar sensor is behind the front grille below the license plate.

**Note:** *Keep the sensors free from snow, ice and large accumulations of dirt.*

**Note:** *Do not clean the sensors with sharp objects.*

**Note:** *If your vehicle sustains damage leaving the sensors misaligned, this may cause inaccurate measurements or false alerts.*

Blocked sensors could affect system accuracy. A message may appear in the information display.

## Pre-Collision Assist Warning Lamp



It illuminates if your vehicle rapidly approaches another vehicle, to warn you of the risk of a crash with the vehicle in front of you.

It could illuminate red if the distance to the vehicle ahead is small.

It illuminates amber when you switch the system off or if the system is not available.

## Pre-Collision Assist Information Messages

Message	Action
Pre-Collision Assist Not Available	The system has malfunctioned. Have your vehicle checked as soon as possible.
Pre-Collision Assist Not Available Sensor Blocked	The sensors are dirty. Clean the sensors. If the message continues to appear, have your vehicle checked as soon as possible.