



VEHICLE FACTORS ATTACHMENT

2020 Ford Transit Owner's Manual - Lane Keeping System

Rushville, IL

HWY24MH005


(5 pages)

Driving Aids


Driver Alert System Messages


Message	Action
Driver Alert Warning Rest Suggested	Displays when we recommend that you take a break due to low alertness levels.
Driver Alert Warning Rest Now	Displays when you must take a break due to low alertness levels.


LANE KEEPING SYSTEM


 **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 may not function if the sensor is blocked.


 **WARNING:** The sensor may incorrectly track lane markings as other structures or objects. This can result in a false or missed warning.

 **WARNING:** In cold and severe weather conditions the system may not function. Rain, snow and spray can all limit sensor performance.

 **WARNING:** Large contrasts in outside lighting can limit sensor performance.

 **WARNING:** The system will not operate if the sensor cannot track the road lane markings.

 **WARNING:** If damage occurs in the immediate area surrounding the sensor, have your vehicle checked as soon as possible.

 **WARNING:** The system may not correctly operate if your vehicle is fitted with a suspension kit not approved by us.

The system is designed to alert you by providing temporary steering assistance or steering wheel vibration when it detects an unintended lane departure. The system detects and tracks the road lane markings using a camera mounted behind the interior mirror. The system only operates when the vehicle speed is greater than approximately 37 mph (60 km/h). You can view the system status in the information display.

Note: *The system works when the camera can detect at least one lane marking or the edge of the road.*

The system may not correctly operate in any of the following conditions:

- The system does not detect at least one lane marking or the edge of the road.
- You switch the direction indicator on.
- You apply direct steering, accelerate fast or brake hard.
- The vehicle speed is less than 37 mph (60 km/h).

Driving Aids

- The anti-lock brake, stability control or traction control system activates.
- Narrow lane width.

The system may not correct lane positioning in any of the following conditions:

- High winds.
- Uneven road surfaces.
- Heavy or uneven loads.
- Incorrect tire pressure.

Switching Lane Keeping System On or Off



E132099

Press the button on the direction indicator stalk.

Note: A warning indicator may remain illuminated in the information display when you switch the system off.

Note: The system may turn on when you start your vehicle.

Lane Keeping System Settings

The system has different settings that you can view or adjust using the information display.

Note: The system remembers the last setting when you start your vehicle. If the system detects a MyKey, the mode is set to alert.

Alert Mode

Provides steering wheel vibration when the system detects an unintended lane departure.

Adjusting the Steering Wheel Vibration Intensity

1. Using the information display controls on the steering wheel, select **Driver Assist..**
2. Select **Lane Keeping System**.
3. Select **Intensity**.
4. Select a setting and press the **OK** button.

Note: This setting does not affect aid mode.

Note: The system remembers the last setting when you start your vehicle.

Adjusting the Lane Keeping System Sensitivity

1. Using the information display controls on the steering wheel, select **Driver Assist..**
2. Select **Lane Keeping System**.
3. Select **Sensitivity**.
4. Select a setting and press the **OK** button.

Aid Mode

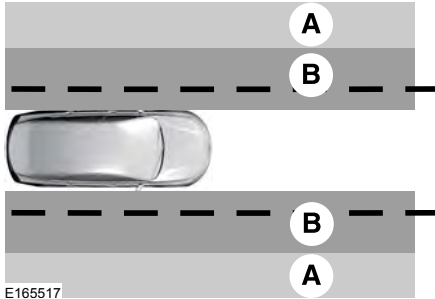
Provides temporary steering assistance toward the lane center when the system detects an unintended lane departure.

Note: When aid mode is on and the system does not detect any steering activity for a short period of time, for example lightly holding the steering wheel, the system alerts you to put your hands on the steering wheel.

Driving Aids

Alert and Aid Mode

Provides temporary steering assistance toward the lane center when the system detects an unintended lane departure. If your vehicle continues drifting out of the lane, the steering wheel vibrates.



- A Alert mode.
- B Aid mode.

Note: The diagram illustrates general zone coverage. It does not provide exact zone parameters.

Switching the Lane Keeping System Mode

1. Using the information display controls on the steering wheel, select **Driver Assist**.
2. Select **Lane Keeping System**.
3. Select **Mode**.
4. Select a setting and press the **OK** button.

Lane Keeping System Display



When the system is on, a graphic of lane markings appears in the information display.

Lane Keeping System Warning Lamps and Indicators

Lane Keeping Alert Indicators



It illuminates in the information display when you switch the system on and Aid Mode or Alert and Aid Mode are selected.



It illuminates in the information display when you switch the system on and Alert Mode is selected.

Lane Keeping Aid Warning Lamp



It could illuminate when you switch the system off. If it illuminates when you are driving, this indicates a malfunction. Have your vehicle checked as soon as possible.

Driving Aids

Black and White Information Display

Indicator	System Status
Gray.	Unavailable.
White.	Available.
White and inverted.	Temporary steering assistance.
White and flashing.	Temporary steering assistance and steering wheel vibration.

Color Information Display

Indicator	System Status
Gray.	Unavailable.
Green.	Available.
Amber.	Temporary steering assistance.
Red.	Temporary steering assistance and steering wheel vibration.

Lane Keeping System Messages

Message	Action
Lane Keeping Sys. Malfunction Service Required	The system has detected a fault that requires service. Have your vehicle checked as soon as possible.

BLIND SPOT INFORMATION SYSTEM



WARNING: Do not use the blind spot information system as a replacement for using the interior and exterior mirrors or looking over your shoulder before changing lanes. The blind spot information system is not a replacement for careful driving.



WARNING: The system may not operate properly during severe weather conditions, for example snow, ice, heavy rain and spray. Always drive with due care and attention. Failure to take care may result in a crash.