

## CARD/STICKERS/POCKET (SLEEVE)

### IMPORTANT

- The operation of the Trailer Reverse Guidance depends on how and where you place these stickers.
- DO NOT ATTEMPT TO PLACE THE STICKERS UNTIL YOU READ THROUGH THIS GUIDE.



TrailerReverseGuidance.com

Scan the QR code for step-by-step videos of the Trailer Reverse Guidance set up.



This Trailer Reverse Guidance Quick Start Guide is not intended to replace your vehicle Owner's Manual which contains more detailed information concerning the features of your vehicle, as well as important safety warnings designed to help reduce the risk of injury to you and your passengers. Please read your entire Owner's Manual carefully as you begin learning about your new vehicle and refer to the appropriate chapters when questions arise. All information contained in this Trailer Reverse Guidance Quick Start Guide was accurate at the time of duplication. We reserve the right to change features, operation and/or functionality of any vehicle specification at any time. Your Ford dealer is the best source for the most current information. For detailed operating and safety information, please consult your Owner's Manual.

**WARNING:** Driving while distracted can result in loss of vehicle control, crash and injury. We strongly recommend that you use extreme caution when using any device that may take your focus off the road. Your primary responsibility is the safe operation of your vehicle. We recommend against the use of any hand-held device while driving and encourage the use of voice-operated systems when possible. Make sure you are aware of all applicable local laws that may affect the use of electronic devices while driving.



#### LEARN MORE ABOUT YOUR NEW VEHICLE



To put QR tags to work for you, use your mobile phone's browser or app store link to download a QR tag reader. Then follow the directions to scan the QR tag and see your vehicle's features come to life.



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# 2017 SUPER DUTY

## TRAILER REVERSE GUIDANCE

QUICK START GUIDE





## WHAT IS TRAILER REVERSE GUIDANCE?

Trailer Reverse Guidance (TRG) is a driver assistance feature that helps take the guesswork out of getting your trailer positioned where you want it, quickly and easily, while you're driving in reverse. Even if you're a novice, TRG lets you back up your trailer like a pro.

**DO THE ONE-TIME PER TRAILER SET UP (INCLUDED IN THIS GUIDE) TO START USING THIS FEATURE.**

- READ THIS GUIDE.
- POSITION THE STICKER.

**WE CAN'T STRESS THIS ENOUGH:**

**STICKER PLACEMENT IS EXTREMELY IMPORTANT AND THERE ARE SPECIFIC PLACEMENT RULES. MAKE SURE YOU PAY SPECIAL ATTENTION TO PAGES 10 AND 11 FOR THE RIGHT PLACE TO PUT THE STICKER.**

- FOLLOW THE ONE-TIME PER TRAILER SET UP PROCESS.



## HOW TO USE THIS GUIDE

Set up this feature by following all six steps listed in this guide. Scan the QR code with your smartphone to see the step-by-step videos. See the next page for what you need to complete the set up.

1. Position your truck and trailer. pg 5.
2. Follow the information display prompts. pg 6–9.
3. Place the sticker. pg 10–11.
4. Measure key points. pg 12–13.
5. Enter your measurements into the information display. pg 14–15.
6. Confirm the sticker location and calibrate the system. pg 16–17.
7. Feature Operation. pg 18–22.



[TrailerReverseGuidance.com](https://TrailerReverseGuidance.com)

**SCAN THE QR CODE FOR STEP-BY-STEP VIDEOS OF THE TRAILER REVERSE GUIDANCE SET UP.**

To set up this feature, use the:

- (a) 5-way steering wheel controls on your steering column
- (b) Information display in your instrument cluster
- (c) Center display



**A** 5-way Steering Wheel Controls

**B** Information display

**C** Center Display





## WHAT YOU NEED FOR A ONE-TIME SET UP

### MAKE SURE YOU HAVE THE FOLLOWING ITEMS:

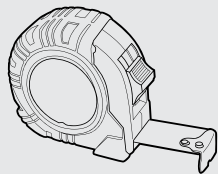
This guide with the measurement card and the stickers in the inside back cover pocket

Tape measure (English or Metric)

Pen to record your measurements in the guide

Step-by-Step Videos (Optional)

An adult or older child assistant to help you with measurements (optional)



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### ONE-TIME SET UP

Once you input your trailer's information into the information display, it is stored for easy recall. That way, when you want to use the Trailer Reverse Guidance to help you back your trailer into your desired position, you can choose it from the information display. You will not have to run through this set up again unless you want to add another trailer. You can store information for up to 10 trailers within this feature.



## TRAILER REVERSE GUIDANCE FEATURE SET UP

*Read and follow all of these steps carefully to get the best results.*

### STEP 1: POSITION YOUR TRUCK AND TRAILER

- Hitch your conventional trailer to the truck and connect the electrical wiring harness. Check to make sure that the wiring is working.
- Park your truck and hitched trailer on a level surface.



- Make sure that the trailer and truck are in line with each other. You can do this by putting the truck in drive (D) and pulling straight forward.



# TRAILER REVERSE GUIDANCE FEATURE SET UP

## STEP 2: FOLLOW THE INFORMATION DISPLAY PROMPTS

To begin programming the Trailer Reverse Guidance feature, use the five-way controls on your steering wheel to access your Information Display menus.



5-way Steering Wheel Controls



Navigate to the towing menu.



Select *Trailer Setup* from the available options.



Select *Add a Trailer* and press *OK* to confirm.

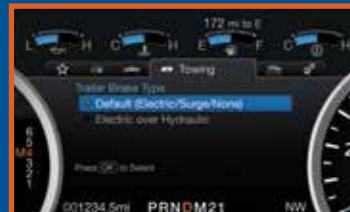
# TRAILER REVERSE GUIDANCE FEATURE SET UP

## SET UP YOUR SYSTEM



Name your trailer.

Use the 5-way steering wheel controls to choose the alphanumeric characters. Press the right arrow to advance to the next letter. When finished spelling out the name of the trailer, press *OK* to confirm.



Select the type of brake system for your trailer.

Select *DEFAULT* if your trailer has electric, surge or no brakes. Press *OK* to select and advance to the next screen.



Select the brake effort for your trailer.

The default value is *Low* and is the recommended setting for most trailers. If your trailer's brakes require more initial voltage, or if you prefer more aggressive trailer braking, then select either the *Medium* or the *High* setting.



## TRAILER REVERSE GUIDANCE FEATURE SET UP

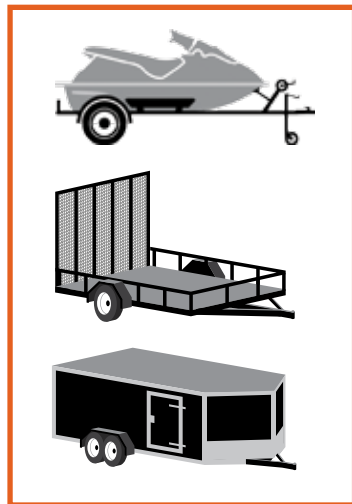
### SELECT YOUR TRAILER TYPE. IS IT A CONVENTIONAL TRAILER?

Use the images to the right to help you determine your trailer type. For example, if you have a conventional trailer, select **Conventional**.



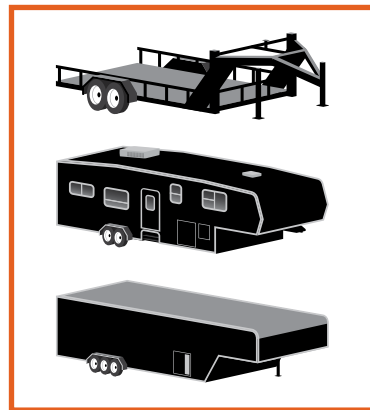
### CONVENTIONAL TRAILER EXAMPLES

You'll get the full functionality of the Trailer Reverse Guidance feature when you use it with these types of trailers



### FIFTH WHEEL AND GOOSENECK TRAILER EXAMPLES

Some of the Trailer Reverse Guidance automated features do not work with Gooseneck and Fifth Wheel trailers, but you can still manually control the camera views on the touchscreen to help you back up these types of trailers. Set up and sticker placement are not required.



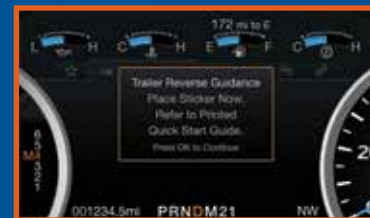
## TRAILER REVERSE GUIDANCE FEATURE SET UP



If your vehicle includes the Blind Spot Information System (BLIS), the system first prompts you to set up the Trailer BLIS feature. Next, a message appears in the information display asking if you want to add Trailer Reverse Guidance.



Straighten out the trailer, if necessary.



The information display directs you to this Quick Start Guide for how to proceed.





# TRAILER REVERSE GUIDANCE FEATURE SET UP

## STEP 3: PLACING THE TARGET

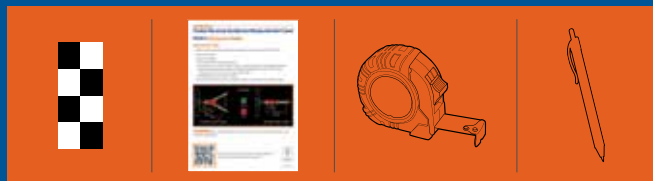
Place the **entire sticker** in the green zone on the trailer as outlined in the diagram on the next page. The sticker is in the back cover pocket of this guide.



Rear view camera

**Note:** An assistant can help you complete the next page's tasks.

Make sure you gather the following items before exiting the vehicle:



Sticker and measurement card (provided inside the back cover pocket of this guide).

Tape measure and pen (not provided).

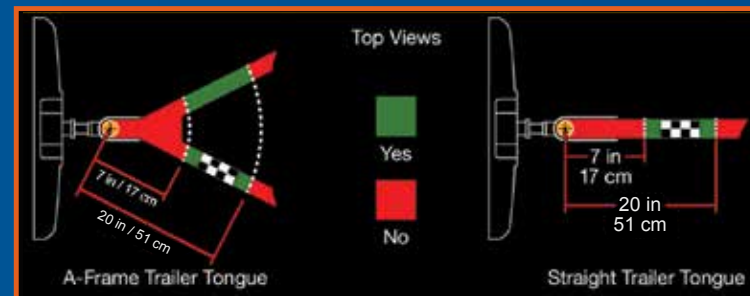
# TRAILER REVERSE GUIDANCE FEATURE SET UP

## OUTSIDE THE VEHICLE

- Take the measurement card and the sticker from the back of this guide, a tape measure and a pen, and walk back to your trailer.
- Determine where to place the sticker. You must place it in the green zone as indicated in the diagram below.
- Confirm that the sticker is visible using the center display. An assistant can remain inside the vehicle to help you do this.



## STICKER PLACEMENT DIAGRAM



**Note:** You must place the **entire sticker** within the green zone. Once you place the sticker, you cannot move it. Do not attempt to re-use stickers. Use a new sticker.

## STICKER PLACEMENT TIPS

- Perform sticker placement when temperatures are above 32° F (0° C).
- Put the sticker on a flat, dry, clean horizontal surface.
- Using a tape measure, find a place to put the entire sticker in range as shown below:
  - Within the green zone.
  - Between 7 inches (17 cm) and 20 inches (51 cm) from the trailer ball hitch.
- Make sure no hardware will obstruct the view from the camera to the sticker (jack handle, wiring, etc.)
- Place the sticker.

## TRAILER REVERSE GUIDANCE FEATURE SET UP

## STEP 4: MEASURING KEY POINTS

## OUTSIDE THE VEHICLE

Now that the sticker is in place, you must take a few measurements.

For the system to perform its best, it is important to make sure that the measurements you take are accurate.

**Record all four distances on your measurement card, located in the back cover pocket of this guide.**

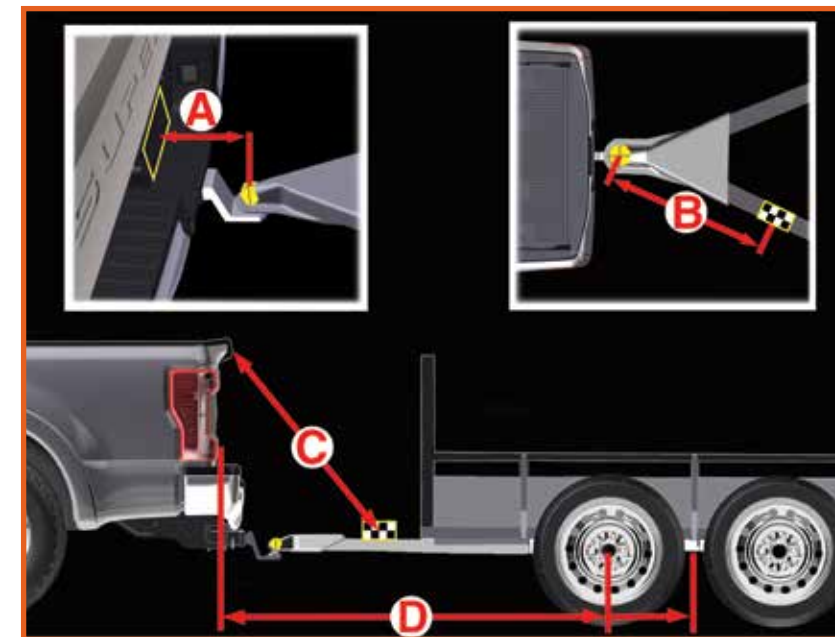


## MEASUREMENT TIPS

- When you take your measurements, round off your numbers to the nearest half-inch increment.
- If a distance ends in one-quarter of a measurement unit or greater, round up to the next half-increment. If not, round down. For example, 12  $\frac{1}{4}$  inches would be rounded up to 12  $\frac{1}{2}$ . 12  $\frac{1}{8}$  inches would be rounded down to 12.
- Be sure to use the measurement unit that is consistent with what your vehicle uses. Use inches if your vehicle is set to U.S. units. Use centimeters if your vehicle is set to Metric units.

**Note:** An easy way to check to see which units your vehicle uses is to look for outside temperature readings or estimated fuel economy. Fahrenheit or miles indicates U.S. units. Celsius or kilometers indicates Metric units.

## TRAILER REVERSE GUIDANCE FEATURE SET UP



### Measurement A

The horizontal distance from the license plate to the center of the ball hitch on the trailer.

### Measurement B

The horizontal distance from the center of the ball hitch to the center of the sticker.

### Measurement C

The distance from the rear-view camera to the center of the sticker.

### Measurement D

The distance from the tailgate to the center of the trailer axle (single axle) OR the center of the trailer axles (two or more axles).



# TRAILER REVERSE GUIDANCE FEATURE SET UP

## STEP 5: ENTER YOUR MEASUREMENTS INTO THE INFORMATION DISPLAY

### Inside the Vehicle

For this part of the set up, use the information display and your **5-way steering wheel controls** to enter the four measurements into the feature.



5-way Steering Wheel Controls



### Entering Your Measurements

- Use the up/down arrows to increase or decrease the numbers as needed. Press **OK** to confirm each measurement. The screen prompts you to add the next measurement.
- Refer to your recorded measurements on the measurement card and enter each measurement into the information display.



# TRAILER REVERSE GUIDANCE FEATURE SET UP

Once you add your last measurement, the information display shows you all of your entered measurements. Review and confirm.



**Note:** If you want to revise your measurements, highlight **Change** and press **OK**. Otherwise, press the arrow to highlight **Confirm** and press **OK**.







# TRAILER REVERSE GUIDANCE FEATURE SET UP

## STEP 6: CONFIRMING THE TARGET

### Inside the Vehicle

Look for the circle in the display.

Is that your sticker?

Use the steering wheel controls to select Yes or No.

**Note:** If your system cannot locate the sticker, try the following:

- Clean the rear view camera lens.
- Make sure you place the sticker between 7 inches (17 cm) and 20 inches (51 cm) from the trailer ball hitch.
- Refer to your Owner's Manual for additional support.

The information display shows a confirmation message when you successfully confirm the target.



# CALIBRATING THE SYSTEM



To complete the set up, you need to drive the vehicle straight forward between 4 and 24 mph (6 and 39 km/h) as directed by the information display.

**Note:** Keep the steering wheel straight during the calibration process. If the steering wheel is in a turned position, then the calibration pauses. The information display prompts you to drive straight forward to complete the calibration.

The information display shows a message when the system calibrates.

When the calibration is complete, a screen displays referring you to the **Feature Operation** section of this guide (pg 18).

**Note:** For best results, we do not recommend that you calibrate the system at night.

# FEATURE OPERATION

1. Shift into reverse (R) if you are not already in reverse.

Press the rear camera button to expand the menu.



2. Press the trailer icon



3. Select your trailer in the information display.

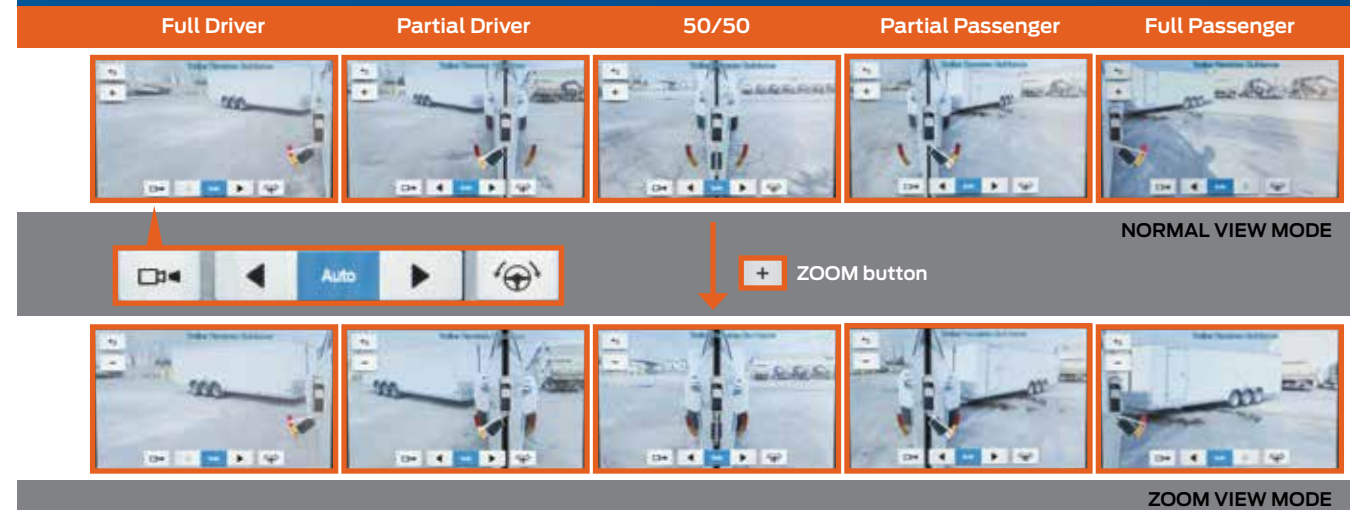


**Note:** If you need to change your trailer selection during operation, shift the vehicle to park (P) first.

# FEATURE OPERATION

4. While in TRG mode, you can see the camera view on the side where your trailer is moving, or both sides when the trailer is straight behind you. When the views change with the trailer direction, it's called *Auto Mode*. For example, if you turn the trailer to the right, then you see the right side of your vehicle and trailer. You can switch this view manually at any time by using the arrow keys. To return to *Auto Mode*, press the *Auto* button.

**Note:** *Auto Mode* is your default setting.











## FEATURE OPERATION




Use the view that helps you the most while backing up your vehicle and trailer.

- \*  takes you back to the normal rear view camera view. Use when you want to see your trailer hitch or what is directly behind your vehicle.
- \* Straight back-up mode . See page 22 for details.

- \* Left  and right arrows  let you see other views regardless of your trailer angle. Use them to switch views manually.

**If you're using a Fifth Wheel or Gooseneck trailer, or you haven't set up the Trailer Reverse Guidance System yet, Auto View is not available.**

To change your view, use the arrows. You can see the following views :

- Full driver
- Partial driver
- 50/50
- Partial passenger
- Full passenger
- \*  allows you to zoom in on any view.
- \*  takes you back to the 360-degree camera system and out of the Trailer Reverse Guidance feature.
- \*  returns you to automatic view mode.



## FEATURE OPERATION

In addition to multiple view options, your touchscreen adds some features to give you more information.

After using the set up for a conventional trailer, for example, the display always shows you a small, top-view representation of your truck and trailer.

This representation shows two, different-colored lines:

A black line shows you where your trailer is in relation to your vehicle.

A white line gives you a projection of where your trailer will go based on your current steering wheel position.

**Note:** When you move the steering wheel, the white line indicates where the trailer will go based on your steering wheel input.

When you turn your steering wheel to the left, the trailer moves to the right; when you turn your steering wheel to the right, the trailer moves to the left.



## FEATURE OPERATION

When you turn the wheel, the small representation shows you two zones to warn you of a possible jackknife condition. The view shows you your truck and trailer position and provides visual feedback to help you avoid jackknifing entirely.

The **YELLOW ZONE** warns you of a potential jackknife position. When you enter into this zone, it's best to put your vehicle back into drive (D) and pull forward. Moving forward helps put the truck and trailer back into an in-line position.

The **RED ZONE** indicates that you need to put the truck into drive (D) and pull forward immediately.



### USING THE STRAIGHT BACKUP MODE

Use this feature when you want to keep your trailer completely in line with your truck. In this mode, a steering wheel graphic shows you which way to turn your steering wheel to keep your trailer straight.

**Note:** It may be helpful to shift your vehicle into drive (D), pull forward and straighten out the vehicle and trailer before engaging Straight Backup Mode.

