



This Quick Reference 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 Quick Reference 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.



Warranty Information

Your vehicle comes with a New Vehicle Limited Warranty. The express warranties of the New Vehicle Limited Warranty are in substitution for and exclude all other liabilities of any kind whether arising under statute, in tort, by implication of law or otherwise including, to the full extent as may be allowed by law, liability for any other representations respecting the vehicle, statutory warranties or implied warranties or conditions as to its merchantability or fitness.

Download a FREE electronic copy or order one FREE printed copy of the most up-to-date Warranty Guide by visiting the Owner Manuals section of owner.ford.com. (United States)

For Canada, visit ford.ca/warranty.

For Limo/Livery/Hearse vehicles: View and download your Warranty Guide by visiting the Warranty Information section of the Fleet website, fleet.ford.com/limo. (United States only)

United States

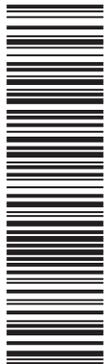
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2024

SUPER DUTY

QUICK REFERENCE GUIDE





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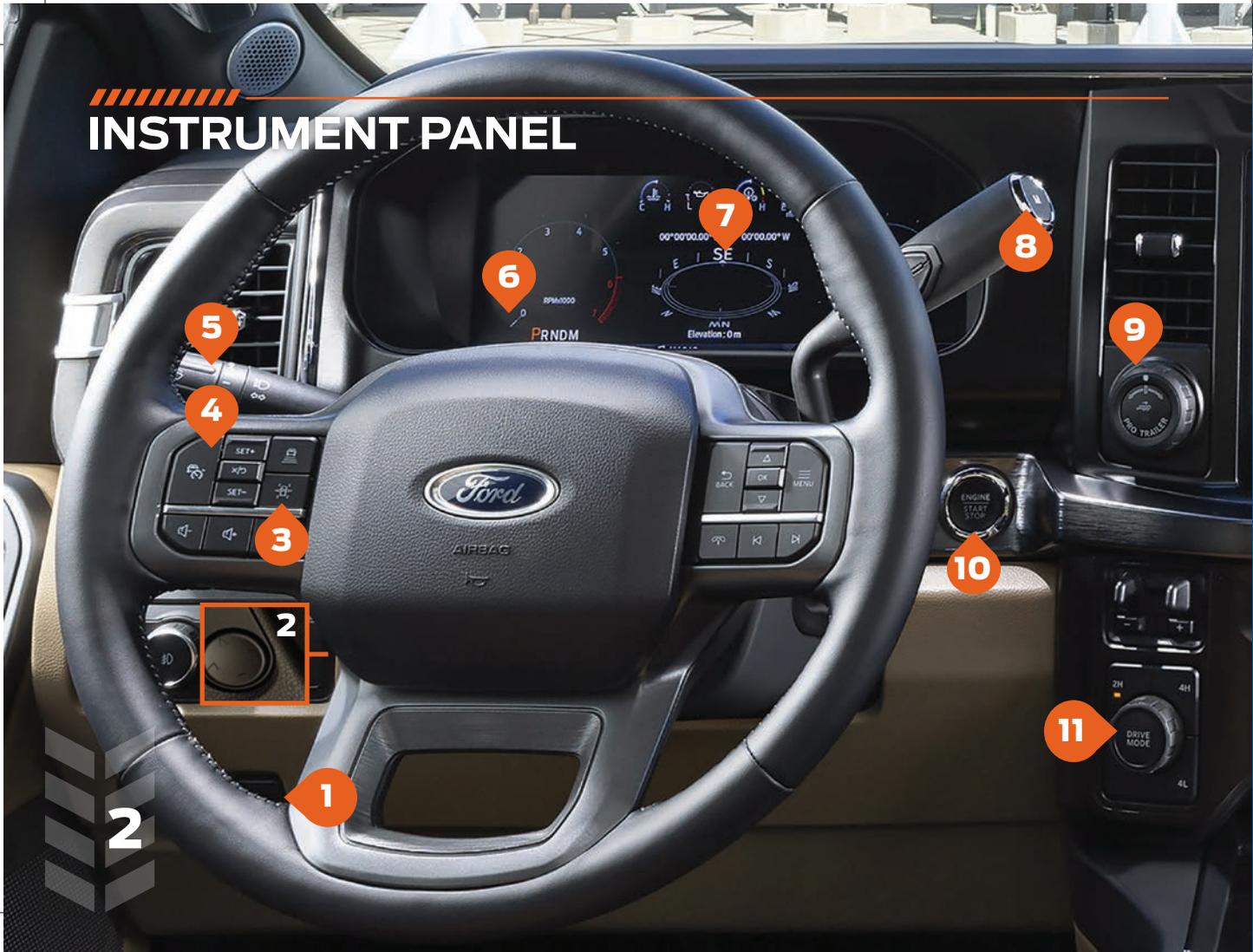


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INSTRUMENT PANEL



1 ADJUSTING THE PEDALS*

Press and hold the ◀ arrow to move the accelerator and brake pedals farther away from you; press and hold the ▶ arrow to move the pedals closer.

Note: Do not adjust the pedals when the vehicle is moving.

2 ADJUSTING THE STEERING WHEEL*

Use the control on the side of the steering column to adjust the position.

3 LANE KEEPING SYSTEM*

Press the button on the steering wheel to switch the lane keeping system on or off. For more information, refer to page 23.

4 CRUISE CONTROL*

Adaptive cruise control buttons are shown. See page 24 for more information on adaptive cruise control.

To set the speed:

- Press and release .
- Accelerate to the speed you desire.
- Press **SET+** or **SET-** and take your foot off the accelerator.

To set a higher or lower speed, either press and hold or press **SET+** or **SET-** repeatedly until you reach the speed you desire. To cancel a set speed, press and release  or tap the brake pedal.

To return to a previously set speed, press .

To switch off, press  or switch the ignition off.

5 WINDSHIELD WIPERS AND WASHER

Rotate the end of the control away from you for a long wipe interval and toward you for a short wipe interval. Your vehicle may have autowipers. Use the rotary control to adjust the sensitivity of the autowipers. When you select low sensitivity, the wipers operate when the sensor detects a large amount of water on the windshield. When you select high sensitivity, the wipers operate when the sensor detects a small amount of water on the windshield. For more information, see the *Wipers and Washer* chapter in your *Owner's Manual*.

To use the washer feature, push the end of the lever.

6 MALFUNCTION INDICATOR LAMP

Illuminates briefly when you switch the ignition on. If it remains on or flashes after you start the engine, the on-board diagnostics system detects a problem. Drive in a moderate fashion and contact an authorized dealer as soon as possible.

7 INSTRUMENT CLUSTER DISPLAY

Monitor vehicle systems and receive alerts from your instrument cluster display. Use your steering wheel controls to scroll through menus and make selections and adjustments to configure certain vehicle features.

8 MANUALLY SHIFTING GEARS

Change gears without manually pressing a clutch. See page 17 for more information.

9 PRO TRAILER BACKUP ASSIST WITH TRAILER REVERSE GUIDANCE*

This system helps you back up your trailer. See page 17 for more information.

10 PUSH BUTTON IGNITION SWITCH*

You can start your vehicle by pressing the brake pedal and then pressing the **START STOP** button. Press the button again, without applying the brake, to switch the engine off. If you leave your vehicle idling for an extended period of time when you are done driving, the idle timer defaults to active with the length of idle set to 30 minutes. At any time, you can edit the length of time you would like the vehicle to idle before shutting down. It is possible to select any value from 1 to 30 minutes, in 1 minute increments.

Note: A valid key must be inside your vehicle to switch the ignition on and start the engine.

11 DRIVE MODE CONTROL

By selecting a drive mode, you can optimize steering, handling and powertrain response. To change the drive mode setting, rotate the drive mode control on the center console. See page 22 for more information.

*IF EQUIPPED

CENTER CONSOLE



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12 INTEGRATED TRAILER BRAKE CONTROLLER

Assists in smooth and effective trailer braking by powering the trailer's brakes with a proportional output based on the towing vehicle's brake pressure. Use the gain adjustment buttons to increase or decrease the braking feature's power output to the trailer. Refer to the *Integrated Trailer Brake Controller* chapter of your *Owner's Manual* for more details.

13 DIESEL ENGINE EXHAUST BRAKE*

In diesel-equipped vehicles, you can use this feature along with the tow haul mode or on its own. When active, the engine braking feature helps increase engine braking at higher engine speeds, providing better grade descent control with less brake and transmission wear and tear. Press  on the instrument panel to switch the system on and off. For more information, see the *Diesel Engine Exhaust Brake* chapter of your *Owner's Manual*.

14 360 DEGREE CAMERA*

The 360 degree camera system consists of front, side and rear cameras. The system allows you to see what is directly in front of or behind your vehicle, provides cross traffic view in front of and behind your vehicle and provides a top-down view of the area outside your vehicle, including the blind spots.

The button is on the instrument panel and pressing it activates the system. The front and rear cameras have multiple screens that may include: normal view, normal view with 360, split view, bed camera, auxiliary camera, hitch view and trailer reverse view. When in park (P), neutral (N) or drive (D), only the front images display when you press the button.

Rear view camera images display automatically when you are in reverse (R). The rear normal view, bed camera view, hitch view and trailer auxiliary view are available when your vehicle speed is greater than 6 mph (10 km/h), all other views are only available at a low speed, except when in reverse (R).

15 HAZARD FLASHER BUTTON

16 TRACTION CONTROL

Press this button to switch traction control off. Switching the traction control off may be beneficial as this allows the wheels to spin. For more information, see page 16.

17 HILL DESCENT CONTROL* OR TRAIL CONTROL*

Your vehicle may have one of these features. See page 24 for more details.

18 POWER OUTLETS

The power outlet can power devices that require up to the rating on the outlet cover. The power outlet may be located on the instrument panel, the rear of the center console or in the bed.

Note: *The total power delivered is divided if more than one outlet is used.*

19 ELECTRONIC LOCKING DIFFERENTIAL*

Use this control to activate the differential electronically and shift it on the fly within the differential operating speed range. For more information on this feature, see page 16.

20 ELECTRONIC SHIFT ON THE FLY 4X4 SYSTEM*

For proper operation, make sure that each hub is fully engaged and that both hub locks are set to the same position (both set to LOCK or both set to AUTO). To engage LOCK, turn the hub locks completely clockwise; to engage AUTO, turn the hub locks completely counterclockwise. Press the four-wheel drive mode button that best fits the current driving conditions

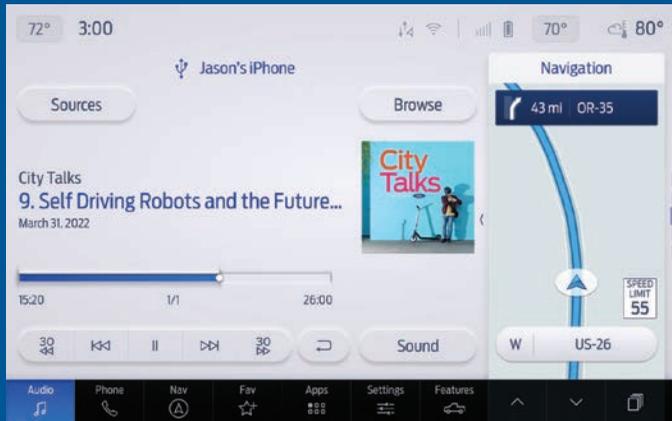
Two-wheel drive high (2H) for street and highway driving, sends power to the rear wheels only. This mode provides optimal smoothness and fuel economy at high speeds.

Four-wheel drive high (4H) for extra traction, such as driving in snow or on icy roads, or for off-road situations. This mode is not intended for use on dry pavement.

Four-wheel drive low (4L) for extra gearing to provide maximum power to all four wheels at reduced speeds. It is intended only for off-road applications, such as driving in deep sand or on steep grades, or while pulling heavy loads.

Note: *Some noise may be heard as the system shifts or engages; this is normal. Four-wheel drive high mode is not intended for use on dry pavement. For more information, refer to the Four-Wheel Drive chapter of your Owner's Manual.*

CENTER DISPLAY OVERVIEW



The feature and status bar on your touchscreen allow you to interact with a variety of vehicle features. You can also utilize voice commands to access these features.

SPEED-RESTRICTED FEATURES

For your safety, some functions of the system are speed dependent. You can only use them when your vehicle is traveling at speeds under 5 mph (8 km/h).

PAIRING YOUR PHONE FOR THE FIRST TIME

Switch on *Bluetooth*® on your device to begin pairing. Check the compatibility of your device on the local Ford website.

To add a phone:

1. Select the phone  option on the feature bar.
2. Select **Add Phone**.
3. A prompt alerts you to search for the system on your phone.
4. Select your vehicle on your phone.
5. Confirm that the number appearing on your phone matches the number on the touchscreen.
6. The touchscreen indicates when the pairing is successful.
7. Download the phonebook from your phone when you are prompted.



PHONE MENU

To make calls, select from your contacts, recent calls or dial the number on the phone keypad. You can also adjust phone settings, change devices or place your device in Do Not Disturb mode. The Do Not Disturb mode rejects all incoming calls and switches off ringtones and alerts.

If your phone has a voice service such as Siri or Google, you may also see a button to access this feature in the phone menu.

RECEIVING CALLS

To accept the call, select Accept on the touchscreen or press the phone button on the steering wheel.

To reject the call, select Reject on the touchscreen or ignore the call by doing nothing.

TEXT MESSAGES

The system can receive and notify you of text messages. You can use the touchscreen to select to hear or see the text messages, call the sender or reply to the text message with a standard message. You can switch text message notifications on and off in the Settings menu on your cell phone. For more information, see the *Phone* chapter of your *Owner's Manual*.

VOICE INTERACTION

The digital assistant allows you to control vehicle features using conversational requests. To begin a voice interaction using the wake word, say the selected wake word or press the voice interaction button on the steering wheel.

To see examples of what voice commands you can use with different features:

1. Press the  button on the touchscreen.
2. Press Ford Assistant.
3. Press Voice Command Help.
4. Select a feature.

APPS

The first time you start an app through the system, you may need to grant certain permissions. Some apps work with no setup. Others require you to configure some personal settings before you can use them. To access the apps, select the apps option on the feature bar.

CENTER DISPLAY OVERVIEW

APPLE CARPLAY AND ANDROID AUTO

To use Apple CarPlay and Android Auto, pair your device and follow the instructions on the touchscreen. Certain system features are not available when you are using Apple CarPlay or Android Auto. Android Auto may need to be enabled from the Settings menu. Apple CarPlay may need to be enabled from your phone. You can switch Apple CarPlay or Android Auto off through the Settings menu. See the **Apps** chapter of your *Owner's Manual* for more information.

INFORMATION ON DEMAND SCREEN

The information on demand screen shows cards on the side of the display and allows you to see information from different features. Use the following controls to navigate the information on demand screen:

-  Press the button to view the next card
-  Press the button to view the previous card.
-  Press the button to view the available cards.

NAVIGATION*

Set your destination using the text entry or map screen. Using text entry, you can enter your destination using the keyboard. Press Search and select the destination from the list on the screen. Press Start to begin navigation.

Using the map screen, press and hold a location on the map to place a pin. Press the  to begin the route guidance.

Through the menu button, you can change the format of the map, switch live traffic on and off, update the map and navigate to a recent or saved destination.

During route guidance, you can adjust the guidance prompt volume by turning the volume control when a guidance prompt plays. To repeat an instruction, press the turn indicator. To cancel route guidance, press the  button.

If you have an active subscription and trailer towing navigation is switched on, the system calculates the best route for trailer towing by avoiding dangerous road conditions based on the dimensions of your trailer.

To switch on trailer towing navigation:

1. Press the **Navigation** button on the feature bar.
2. Press the **Menu** button.
3. Press **Trailer Routing**.
4. Switch **Trailer-optimized Routing** on or off.



8

*IF EQUIPPED

COMFORT

MEMORY FUNCTION*

The memory function allows a one-touch recall of personalized memory features, including the driver seat, power mirrors, power steering column* and adjustable pedals*. Use the memory controls on the driver door to program and then recall memory positions. To program a position, switch the ignition on and adjust the memory features to your desired positions. Then press and hold the desired preset button until you hear a single tone. You can now use these controls to recall the set memory positions. You can also program your memory seat to your transmitter.

HEATED AND VENTILATED FRONT SEATS*

To operate the heated feature, press  repeatedly to cycle through the various settings and off. To operate the ventilated feature, press  repeatedly to cycle through the various settings and off. The ventilated seats only function when the engine is running.

Note: The more indicators that display, the warmer the seat.

MESSAGE SEATS*

Using the button mounted on the outside of the front seats, or through the touchscreen, you and a front seat passenger can adjust the massage and support settings. You can also control the intensity of the massage, increase or decrease the lumbar bolster and cushion support and adjust the height of the bolster. Refer to the **Front Seats** chapter of your **Owner's Manual** for more details.

MOONROOF*

The moonroof controls are on the overhead console and have a one-touch open and close feature.

To stop its movement during one-touch operation, press the control a second time.

 Press and release to open the moonroof. The moonroof stops short of the fully opened position. To fully open the moonroof, press and release the control again.

 Press and release to close the moonroof.

 Press and release to vent the moonroof.

 Press and release to open the sunshade. The sunshade stops short of its fully opened position for the comfort of rear passengers. To fully open the sunshade, press the control again.

 Press and release to close the sunshade. The sunshade stops short of the fully closed position. Press and release the button a second time to fully close the shade. The sunshade completely closes only when the moonroof is closed. The moonroof closes with a single press of the close button.

*IF EQUIPPED



COMFORT

EASY ENTRY AND EXIT*

Moves the driver seat rearward up to 2 in (5 cm). Additionally, the power tilt and telescoping steering wheel moves to the full up position when the transmission is in park (P) and you switch off the ignition. The driver seat and steering column return to their previous positions when you switch on the ignition.

Note: You must have your remote control with you for these features to work.

USB Port

The USB port allows you to plug in media playing devices, memory sticks and charge devices, if supported.

Note: Some of the USB ports may not have data transfer capabilities.

HEATED REAR SEATS*

The rear seat heat controls are on the rear of the center console. Press the heated seat symbol  to cycle through the various heat settings and off. More indicators that display, the warmer the seat.

HEATED STEERING WHEEL*

Touch the  button on the climate control unit to switch the heated steering wheel on and off.

PERSONAL PROFILES

You can create multiple personal profiles for each driver to personalize the vehicle's settings. You can create one profile for each preset memory seat button along with a guest profile. A profile can be recalled using the selected preset button, a linked remote control, mobile device or digital key.

Use the touchscreen to create a personal profile.

1. Switch the ignition on and make sure the vehicle is in park (P).
2. Select the Personal Profiles button under Settings and follow the instructions provided on the screen.

You can save preset memory positions for up to three remote controls by assigning a remote control to a personal profile using the touchscreen.

ADJUSTING THE FRONT SEAT FLAT*

This feature allows the occupant to find a comfortable position to rest when the vehicle is not moving. Use the recline control to move the front seats into a flat position.

Before reclining the seat, make sure the rear seat cushion is in the upright position and remove any objects that may obstruct the movement of the flat seat.

SWITCHING THE HEATED MIRRORS ON AND OFF

When you switch the heated rear window on, the heated exterior mirrors turn on. You can also turn on and off the heated exterior mirrors using the mirror defrost button.

Note: The vehicle must be running to switch the system on.

CONVENIENCE

REAR PARKING AID*

The rear sensors are only active when the transmission is in reverse (R) and the vehicle speed is less than 5 mph (8 km/h). As your vehicle moves closer to the object, the rate of the tone increases. When the object is less than 12 in (30 cm) away, the warning sounds continuously. The coverage area is up to 6 ft (1.8 m) from the rear bumper. There is a decreased coverage area at the outer corners of the bumper.

Note: Rear parking sensors in the tailgate activate and provide object detection when the tailgate is down. Reverse braking assist is unavailable when the tailgate is down.

POWER RUNNING BOARDS*

When in auto mode, the running boards extend down and out when you open the doors. They return to the stowed position after a two second delay when you close the doors.



To switch the power running board feature on and off, refer to the **Power Running Boards** chapter in your **Owner's Manual**.

Note: Do not use the running boards, front and rear hinge assemblies, running board motors or the running board underbody mounts to lift the vehicle when jacking. Always use proper jacking points. See your **Owner's Manual** for details.

GARAGE DOOR OPENER*

The garage door opener replaces the common handheld garage door opener with a three-button transmitter located on the driver sun visor. The system includes two primary features; a garage door opener and a platform for remote activation of devices within the home. This functionality allows you to program garage doors, as well as entry gates, security systems, entry door locks and home or office lighting. For more information, see your **Owner's Manual**.

KEYLESS ENTRY KEYPAD*

The keypad is near the driver window and illuminates when touched. The keypad allows you to lock or unlock the doors without a key. You can operate the keypad with the factory-set, five-digit master access code or by using your personal code. The master access code can be displayed in the instrument cluster display and is available from an authorized dealer. You must press each number within five seconds of each other.

To unlock : Enter the factory-set code or your personal code to unlock the driver door. To unlock all doors, press **3-4** within five seconds.

To Lock: Press and hold **7-8** and **9-0** at the same time (with the driver door closed) to lock all doors. You do not need to enter the keypad code first.

To release the tailgate: Enter the factory-set code or your personal code, then press **5-6** within five seconds.

See the **Keyless Entry Keypad** chapter in your **Owner's Manual** for more information on how to use the keyless entry keypad.

AUTOLAMPS

When the lighting control is in the autolamps position, the headlamps automatically turn on in low light situations or when the wipers activate. To adjust the autolamps settings:

1. In the **Settings** menu on the touchscreen, press **Vehicle Settings**.
2. Press **Lighting**.
3. Press **Autolamp Delay**.
4. Press a setting.



*IF EQUIPPED



CONVENIENCE

REAR UNDER SEAT STORAGE*

The rear under seat storage compartment provides you with additional storage options. Lift the lever and flip up the seat cushion to access the storage space and the power point. You can also use your vehicle key to lock the storage space.

TAILGATE STEP*

The tailgate step makes entering and exiting the truck bed easier.

To operate the tailgate step:

1. Lower the tailgate.
2. Push the button in the center of the step molding. The step pops out slightly.
3. Pull the step out fully. Lower the step to its lowest position.
4. Pull the yellow handle stop backward out of the tailgate until it fully extends.
5. Rotate the handle up from the horizontal to vertical position until you hear a click. You have locked the handle in place.

To stow the step tailgate:

1. Press the yellow button on the handle to lower and press the yellow lever at the bottom of the handle to unlock.
2. Rotate the handle down from the vertical to horizontal position and push into the tailgate.
3. Rotate the step up until it is horizontal and push it into the tailgate until the step is secure.

*IF EQUIPPED

CARGO LAMPS*

Press the  button in the lighting control or in the rear cargo box.

CONNECTED VEHICLE

A connected vehicle has technology that allows your vehicle to connect to a mobile network and to access a range of features. When used in conjunction with the FordPass app, this technology could allow you to monitor and control your vehicle further, for example, checking the tire pressures, the fuel level and the vehicle location. For additional information, refer to the local Ford website.

The modem has a SIM. The modem was enabled when your vehicle was built and periodically sends messages to stay connected to the cell phone network, receive automatic software updates and send vehicle-related information to us, for example, diagnostic information. These messages could include information that identifies your vehicle, the SIM and the electronic serial number of the modem. Cell phone network service providers could have access to additional information, for example, cell phone network tower identification. For additional information about our privacy policy, visit www.FordConnected.com or refer to your local Ford website.

REMOTE CONTROL WITH REMOTE START*

Press  once to unlock all the doors.

Press  once to lock all the doors.

Press  to activate the panic alarm when the ignition is off.

Press  again or switch on the ignition to deactivate the panic alarm.

Car finder: Press  twice within three seconds. The horn sounds and the direction indicators flash. We recommend using this method to locate your vehicle, rather than using the panic alarm.

Remote Start: Press  to lock all the doors, then press  twice within three seconds. The exterior lamps flash twice. The horn sounds if the system fails to start.

AUTOMATIC HIGH BEAM CONTROL*

Automatic high beam control can sense when to turn your high beams on and off. A camera sensor mounted behind the rear view mirror detects approaching lights. The automatic high beam control decides when to turn your high beams on or off to give you the best visibility on a dark road and to avoid glaring your high beams at approaching vehicles.

When it detects the headlights of an approaching vehicle, the tail lamps of the preceding vehicle or street lighting, the system turns the high beams off before they distract other drivers.

To switch the system on, use the instrument cluster controls on the steering wheel to select **Settings**, then **Vehicle** and finally **Lighting**. You can then switch the auto high beam on or off.



WIRELESS ACCESSORY CHARGER*

This feature supports Qi wireless charging compatible devices. You can only charge one device at a time on the charging area. You can charge a device if the vehicle is running, in accessory mode or if the touchscreen is on. Keep the charging area clean and remove foreign objects prior to charging. To begin charging your device, place the device in the port with the charging side down. The charging stops after your device reaches a full charge. For more information, see the *Wireless Accessory Charger* chapter of your *Owner's Manual*.

AUXILIARY SWITCHES*

The six switches can be customized to control additional functions. The switches are labeled AUX 1 through AUX 6. They only operate when the ignition is in the on position, whether the engine is running or not.

*IF EQUIPPED

CONVENIENCE

HEAD UP DISPLAY (HUD)*

Displays information on a display screen in your field of vision, allowing you to keep your eyes on the road. You can select which information the system displays.

To switch the head up display on and off:

1. Using the instrument cluster display controls on the steering wheel, select HUD.
2. Switch Head-Up Display (HUD) on or off.

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

From the HUD menu you can also adjust settings such as:

- Content.
- Brightness.
- Vertical position.
- Image rotation.
- Drive mode layout.

The head up display menu automatically closes after a period of inactivity.

OPENING AND CLOSING THE POWER TAILGATE*

You can open the power tailgate using the remote transmitter by pressing  twice within three seconds. You can also press the  button on the instrument panel twice or press the button on the tailgate itself. You can press the same button on the remote, instrument panel or tailgate to close the tailgate.

You can also use the lift to close feature by lifting the tailgate approximately 4 in (10 cm) and holding it for a few seconds. The tailgate closes automatically.

CENTER CONSOLE WORK SURFACE*

The interior work surface provides you with a location to work from. The work surface is available on the back of the center seat. To access the work surface :

Push the lever on the side of the seat and fold the seat down. The center console work surface can be used in the home, forward or rotated position. Push the latch down on the top of the work surface to move it to the forward position. There are 11 lockable positions.

KEYLESS ENTRY*

You can unlock and lock the vehicle without taking the key out of your pocket or bag when your remote control is within 3 ft (1 m) of your vehicle.

To unlock, touch the unlock sensor on the back of the door handle for a brief period and then pull on the door handle, being careful to not touch the lock sensor at the same time or pull the door handle too quickly.

To lock, touch the door handle lock sensor on the door for approximately one second, being careful to not touch the unlock sensor on the back of the door handle at the same time.



ONBOARD GENERATOR*

The vehicle functions as a portable generator and can power devices that require up to the rating listed on the power outlet label. The power outlets are in the cabin and bed of the vehicle. You can switch the outlets on and off through the touchscreen or by pressing the control button in the bed.

Generator mode uses the vehicle engine to increase power to the bed power outlets up to the rating listed on the power outlet label. You can switch generator mode on and off through the touchscreen. You can also press  to switch between off, low power mode, and generator mode.

The generator mode power indicator displays the currently used power and total available power level on the touchscreen. When Generator Mode is switched off, the indicator displays a reduced available power level. When generator mode is switched on, the indicator displays the full available power.

If your vehicle uses a flip key, utility idle mode allows you to remove the key from the ignition and keep the vehicle and bed power point running. You can switch the utility Idle mode on or off through the touchscreen.

*IF EQUIPPED

FUNCTION

TRACTION AND STABILITY CONTROL

These systems help you maintain control of your vehicle when on a slippery surface. The electronic stability control portion of the system helps your vehicle avoid skids and lateral slides. Roll stability control helps your vehicle avoid a vehicle rollover. The traction control system helps your vehicle avoid drive wheel spin and a loss of traction. The system turns on each time you switch the ignition on. You can switch it off by pressing the **ESC Off** button. Refer to the **Stability Control** chapter in your **Owner's Manual** for more details.

ELECTRONIC LOCKING DIFFERENTIAL*

With the system engaged, the rear axle temporarily locks, allowing both rear wheels to turn at the same speed to provide additional traction in mud, rocks, sand or other off-road conditions.

TO SWITCH ON THE FEATURE

- Press the electronic lock differential switch to engage and disengage the locking differential.
- The indicator  appears in the instrument cluster display when the feature is active.

Note: The electronic locking differential is for off-road use only and is not for use on dry pavement.



REAR VIEW CAMERA SYSTEM*

Provides a video image of the area behind the vehicle when the transmission is in reverse (R). The system uses a variety of guide lines to alert you of your proximity to objects. You can use the + and - symbol on the touchscreen to zoom in and out, allowing you a better view of an object behind your vehicle. For more information, see the **Rear View Camera** chapter in your **Owner's Manual**.





POST-CRASH ALERT SYSTEM

The system provides audible and visual alarms in the event of a crash which causes the deployment of airbags or the activation of the seatbelt pretensioners. The system is designed to turn the hazard flashers on, turn the courtesy lamps on, intermittently sound the horn and unlock all doors. To switch the system off, press the hazard flasher button, the unlock or panic button on the remote control or cycle the ignition switch to switch the system off.

POWER FOLDING AND TELESCOPING MIRRORS*

With this feature, you can fold and extend your exterior mirrors on demand. To fold both mirrors, switch your vehicle on (with the ignition in accessory mode or the engine running) and press the ignition-fold button on the door panel. Press this button again to unfold the mirrors. To adjust the telescope position of both mirrors, switch your vehicle on and press the telescoping adjustment control on the door panel to change the location of the mirrors.

PRO TRAILER BACKUP ASSIST WITH TRAILER REVERSE GUIDANCE*

Pro trailer backup assist with trailer reverse guidance assists you in backing up your trailer. Using the vehicle's screens and cameras, the system gives you unique views and guidance as you maneuver your trailer.

Note: Some features associated with this system do not work until you set it up. See the **Pro Trailer Backup Assistance with Trailer Reverse Guidance Quick Start Guide** in your **Owner's Manual** portfolio for the complete setup and operation details.

PROGRESSIVE RANGE SELECTION*

Progressive range selection gives you the ability to lock out gears from the automatic shifting range. With the transmission selector in drive (D), push the (-) button to activate progressive range selection. The available and selected gears display on the instrument cluster. Push the (-) button again to lock out gears beginning with the highest gear. Push the (+) button to unlock gears and allow the transmission to shift to higher gears.

MANUALLY SHIFTING GEARS*

You can change gears without manually pressing a clutch. Moving the gearshift lever to manual (M) allows you to manually select the gear you desire. Use the buttons on the gearshift lever to manually select gears. Press the (+) button to upshift or the (-) button to downshift. Return the transmission to drive (D) to deactivate manual control. See the **Automatic Transmission** chapter of your **Owner's Manual**.

*IF EQUIPPED



FUNCTION

REAR OCCUPANT ALERT SYSTEM*

The rear occupant alert system monitors vehicle conditions and notifies you to check for rear seat occupants when you switch the ignition off. The notifications can be in the form of warnings inside the vehicle, sounding of the horn for a short period.

The system monitors the activity of the buckle on the rear seatbelt and the opening and closing of the rear doors to indicate the potential presence of an occupant in the rear seat. When **Child Seat Installed** is selected, the system monitors only the opening and closing of the rear doors to indicate the potential presence of an occupant in the rear seat.

TIRE PRESSURE MONITORING SYSTEM*

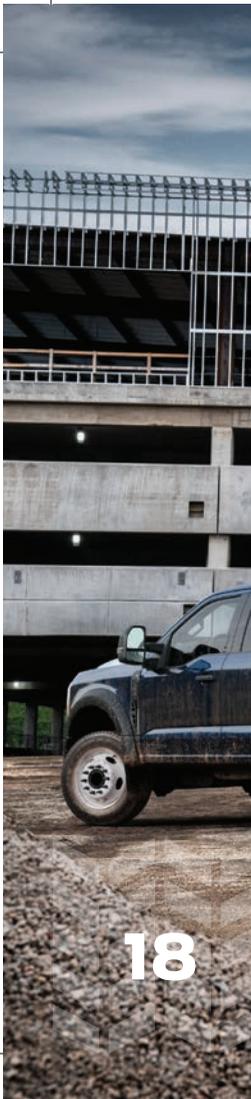
You can view your tire pressures through the instrument cluster display. When one or more of your tires are underinflated, your vehicle turns on the low tire pressure warning light Ψ in the instrument cluster. If this happens, stop and check your tires as soon as possible. Inflate them to the proper pressure. Refer to the **Tire Pressure Monitoring System** chapter in your **Owner's Manual** for more information.

TRAILER TIRE PRESSURE MONITORING*

The trailer tire pressure monitoring system is an added safety feature that allows you to view your trailer tire pressures through the instrument cluster. Tire pressure sensors are mounted into each tire on your trailer. The sensors send a message to your vehicle indicating the current trailer tire pressure.

If the trailer tire pressure monitoring system detects that a tire is low, a warning message appears in the instrument cluster. The trailer tire pressure status screen in the instrument cluster highlights the tire with a low pressure.

*IF EQUIPPED





SMART HITCH*

Shows how balanced the weight is from the trailer to the vehicle's hitch and front axle. Smart hitch uses sensors mounted to the suspension to calculate the tongue weight of the connected trailer.

To use the smart hitch scales:

1. Press **Features** on the touchscreen.
2. Press **Smart Hitch**.
3. Press **Loaded Trailer Weight** to set the total weight of the loaded trailer.

ONBOARD SCALES*

Provide the current estimated payload of your vehicle and warns when your vehicle is overloaded. The on-board scales use sensors mounted to the suspension to calculate the vehicle's payload. To use the onboard scales:

1. Press **Features** on the touchscreen.
2. Press **Onboard Scales**.

Press **Scale Mode** to see a representation of the weight added to the vehicle's current payload and to reset the scale to zero.

Press **Passenger and Cargo Load Reminder** to switch the load reminder on and off.

*IF EQUIPPED

ESSENTIAL INFORMATION



SELECTIVE CATALYTIC REDUCTION SYSTEM*

To help reduce emission levels from the exhaust of the diesel engine, your vehicle has a selective catalytic reduction system that relies upon diesel exhaust fluid to operate properly. The selective catalytic reduction system automatically injects diesel exhaust fluid into the exhaust system to enable proper selective catalytic reduction system function. A warning message appears in the instrument cluster display when the diesel exhaust fluid level is low. If a warning message appears, refill the diesel exhaust fluid tank as soon as possible. The diesel exhaust fluid tank has a blue filler cap as shown in the image above. See the *Selective Catalytic Reduction System* chapter in your *Owner's Manual* for more information.

DIESEL FUEL REQUIREMENTS*

Ford recommends that you use only the diesel fuels that meet either the ASTM D975 diesel or the ASTM D7467 B6-B20 biodiesel industry specifications. Outside of North America, use fuels meeting EN590 or an equivalent local market standard.

Diesel fuel is adjusted seasonally for colder temperatures. For best results at temperatures below 19°F (-7°C), it is recommended to use a diesel fuel that has been seasonally adjusted for the weather. See the *Fuel and Refueling* chapter in your *Owner's Manual* for more information.

DIESEL PARTICULATE FILTER*

The diesel particulate filter on your vehicle requires periodic regeneration to maintain its correct function. Your vehicle automatically performs this process. If you drive only short distances, frequently switch the ignition on and off or rapidly accelerate and decelerate often, then a drive that meets specific conditions is required to aid in the regeneration process. Please see the *Diesel Particulate Filter* chapter in your *Owner's Manual* for more information.

BRAKE OVER ACCELERATOR

In the event that the accelerator pedal becomes stuck, apply steady and firm pressure to the brake pedal to slow the vehicle and reduce engine power. See the *Brakes* chapter of the *Owner's Manual* for complete details.

FUEL TYPE AND TANK CAPACITY

Depending on your vehicle, your fuel tank size varies based on body style and engine configuration. Refer to the **Capacities and Specifications** chapter in your *Owner's Manual* for more details.

For diesel vehicles, use ultra-low sulfur diesel fuel designated as number 1-D or 2-D with a maximum of 15 ppm sulfur in your diesel vehicle. You may operate your vehicle on diesel fuels containing up to 20% biodiesel.

For gasoline vehicles, use only UNLEADED fuel or UNLEADED fuel blended with a maximum of 15% ethanol and a minimum octane rating of 87. Do not use any other fuel because it could damage or impair the emission control system.

See the **Fuel and Refueling** chapter in your *Owner's Manual* for complete fuel usage details.

ADDITIONAL TRAILER TOWING FEATURES*

For more details, see the **Towing a Trailer** chapter in your *Owner's Manual*.

LOCATION OF SPARE TIRE AND TOOLS*

Tool	Location
Spare tire (pick-up trucks only)	Under the vehicle, just forward of the rear bumper.
Jack	Fastened to the floor pan behind the rear-most seat on the passenger side.
Jack handle, lug wrench and lug wrench extension (only available on Dual Rear Wheel vehicles)	Regular cab: Fastened to the floor behind the driver seat. Super Cab and Crew Cab: Fastened to the floor behind the rear seat on the driver side.

A dissimilar spare tire is for emergency use only. Replace it as soon as possible. For complete details on how to change your tire, refer to the **Changing a Road Wheel** chapter in your *Owner's Manual*.

*IF EQUIPPED

DRIVER ASSISTANCE TECHNOLOGY

PRE-COLLISION ASSIST*

When your vehicle is rapidly approaching another stationary vehicle, a vehicle traveling in the same direction as yours or a pedestrian or cyclist within your driving path, the system provides three levels of functionality:

Alert: When activated, a flashing visual warning appears and an audible warning tone sounds.

Brake support: Helps reduce the impact speed by preparing the brakes for rapid braking. The system does not 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.

Automatic emergency braking: May activate if the system determines that a collision is imminent.

See the **Pre-Collision Assist** chapter in your **Owner's Manual** for safety information, more details and limitations.

You can use your instrument cluster display control to adjust the collision warning system's sensitivity or to switch the system on or off.

Note: If a blocked sensor message appears in the instrument cluster display, dirt, water or an object is blocking the sensor. The sensor* is behind a cover near the driver side of the lower grille. If anything blocks the sensor, your vehicle cannot see through the sensor, and the collision warning system does not work.

DRIVE MODE CONTROL

Drive mode control delivers a driving experience by optimizing the steering, handling and powertrain response.

The system adjusts your vehicle configuration for each mode you select. Rotate the drive mode control on the center console to select or change a drive mode.

Note: Your vehicle may only be equipped with some of the drive modes listed.

 **Normal** – For everyday driving.

 **Tow Haul** – For improved transmission operation when towing a trailer or a heavy load.

 **Eco** – For efficient driving.

 **Rock Crawl*** – For optimum rock-climbing ability.

 **Off-Road*** – For driving on rough uneven terrain

 **Slippery** – For less than ideal road conditions such as snow or ice covered roads

 **Trail** – For muddy, rutted, soft or uneven terrain.

Note: Your vehicle automatically starts in the last selected drive mode, for applicable modes, when you return to your vehicle after short trips up to 4 hours between ignition cycles. If the vehicle has not started for longer periods, the next startup activates a pop-up on the instrument cluster which asks you to confirm if you want to return to your last used drive mode.



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*IF EQUIPPED

LANE KEEPING SYSTEM*

When you switch the system on and it detects an unintentional drift out of your lane, the system notifies or assists you to stay in your lane through the steering system. Depending on the feature operation mode you select, the system provides a warning by vibrating the steering wheel (Alert Mode) or a steering assistance (Aid Mode) by gently steering your vehicle back into the lane. The system can also provide both warning (vibrating the steering wheel) and steering assistance (gently steering your vehicle back into the lane) while Aid and Alert mode is selected.

The system stores the on or off setting until you manually change it. Set your preferred system settings by mode and intensity through the touchscreen.

Note: The system works as long as the camera can detect one lane marking at a speed above 40 mph (64 km/h).

Note: The system may not function if the camera is blocked or there is damage to the windshield.

When you switch on the system, an overhead graphic of a vehicle with lane markings appears in the display screen. While the system is on, the color of the lane markings change to indicate the system status.

Gray: The system is temporarily unable to provide a warning on the indicated side(s).

Green: The system is available or ready to provide a warning on the indicated side(s).

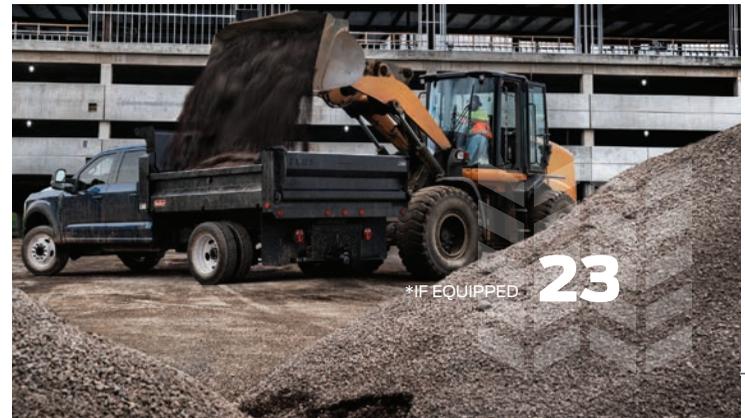
Yellow: The system is providing or has just provided a lane keeping aid intervention.

Red: The system is providing or has just provided a lane keeping alert warning.

During lane changes, the blind spot assist feature detects vehicles in, or approaching, your blind spot and provides a warning, plus steering assistance to direct your vehicle back into your lane.

Activate and deactivate the system using the lane keeping system button  on the steering wheel.

When active, this system functions with or without the use of direction indicators and hazard flashers.



DRIVER ASSISTANCE TECHNOLOGY

ADAPTIVE CRUISE CONTROL*

Adjusts your speed to maintain a set distance between your vehicle and the vehicle in front of you in the same lane. You can select from one of four gap settings by pressing the gap controls on the steering wheel. To set a cruise speed, switch cruise control on, accelerate to the desired speed, switch cruise control on, accelerate to the desired speed, and press the **SET—** or **SET+** button. An indicator, the current gap setting and your set speed appear in the instrument cluster display. Press **X/0** to cancel cruise control, press the **X/0** button to return to the set speed and gap setting and press the **OFF** button or switch off the ignition to turn cruise control off.

Note: Do not use the system when towing a trailer that has aftermarket electronic trailer brake controls. Failure to follow this instruction could result in the loss of control of your vehicle, personal injury or death.

Note: Driving aids do not replace the need to watch where the vehicle is moving and brake when necessary.

Refer to the **Adaptive Cruise Control** chapter in your **Owner's Manual** for safety information, more details and limitations.



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*IF EQUIPPED

HILL DESCENT CONTROL*



Switch this feature on when traveling at low speeds between 2–20 mph (3–32 km/h) to help maintain vehicle speed while descending steep grades in a variety of road conditions. To use, press the hill descent button . An indicator illuminates in the instrument cluster and a tone sounds.

For more information, see the **Hill Descent Control** chapter in your **Owner's Manual**.

TRAIL CONTROL*



This feature lets you focus on steering during low-speed and off-road use by controlling your vehicle's acceleration and braking.

Press the trail control button to switch the feature on and off.

To set and adjust the speed, use the **SET+** and **SET—** buttons on the steering wheel.

You can also decrease the set speed by braking.

Note: Pressing the brake pedal does not turn the system off. For more detailed information, refer to the **Trail Control** chapter in your **Owner's Manual**.

BLIND SPOT INFORMATION SYSTEM WITH TRAILER TOW AND CROSS TRAFFIC ALERT*

This system is designed to aid you in detecting vehicles that may have entered the blind spot zone. The blind spot zone is on both sides of your vehicle and trailer, extending rearward from the exterior mirrors to the end of your trailer. Cross traffic alert warns you of vehicles approaching from the sides when the transmission is in reverse (R). Trailer coverage supports conventional trailers. To function with unconventional trailers such as fifth wheel and gooseneck, your vehicle needs to have trailer accessory sensors connected.

When blind spot information system detects a vehicle, an alert illuminates in the exterior mirror on the side the approaching vehicle is coming from. If you switch the turn signal on for that side of your vehicle, the alert indicator flashes. Refer to the *Blind Spot Information System* or *Cross Traffic Alert* chapters in your *Owner's Manual* for more information.

Note: *Never use the blind spot information system or cross traffic alert as a replacement for using the interior and exterior mirrors and looking over your shoulder before changing lanes. The systems are not replacements for careful driving. Use both systems only as an assist.*



SYSTEM SENSOR BLOCKAGE

The system uses radar sensors that are inside the tail lamp on each side of your vehicle. Any dirt, mud and snow in front of the sensors or driving in heavy rain can cause system degradation. Also, other types of obstructions in front of the sensor can cause system degradation. This is referred to as a "blocked" condition.

Note: *Do not apply bumper stickers and/or repair compound to these areas; this can cause degraded system performance.*

If the system detects a degraded performance condition, a warning message appears in the touchscreen. The alert indicators remain on and the system no longer provides any warnings. You can clear the warning, but the alert indicators remain illuminated. Refer to the *Blind Spot Information System* or *Cross Traffic Alert* chapters in your *Owner's Manual* for more information.

*IF EQUIPPED