MODEL 3

2024

OWNER'S MANUAL

Software version: 2023.44.30

Australia

YOUR OWNER'S MANUAL



For the latest and greatest information that is customized to your vehicle, view the Owner’s Manual on your vehicle’s touchscreen by touching the app launcher and then selecting the Manual app. The information is specific to your vehicle depending on the features you purchased, vehicle configuration, market region, and software version. In contrast, owner information that is provided by Tesla elsewhere is updated as necessary and may not contain information unique to your vehicle.

RELEASE NOTES

Information about new features is displayed on the touchscreen after a software update, and can be viewed at any time by choosing the Release Notes tab in the Manual app, or by touching Controls > Software > Release Notes. If the content in the Owner's Manual on how to use your vehicle conflicts with information in the Release Notes, the Release Notes take precedence.

ILLUSTRATIONS AND PRODUCT SPECIFICATIONS

The illustrations provided in this document are for demonstration purposes only. Depending on vehicle options, software version and market region, the information displayed on the touchscreen in your vehicle may appear slightly different.

All specifications and descriptions contained in this document are verified to be accurate at the time of printing. However, because continuous improvement is a goal at Tesla, we reserve the right to make product modifications at any time. To communicate any inaccuracies or omissions in this document, please send an email to: ownersmanualfeedback@tesla.com.

SAFETY INFORMATION

You can find safety information in your Model 3 Owner's Manual on the touchscreen.

For detailed information about your Model 3, go to the Tesla website for your region, log on to your Tesla account, or sign up to get an account.

If you have any questions or concerns about your Model 3, call Tesla. To find the number for your region, go to www.tesla.com, then view contact information.

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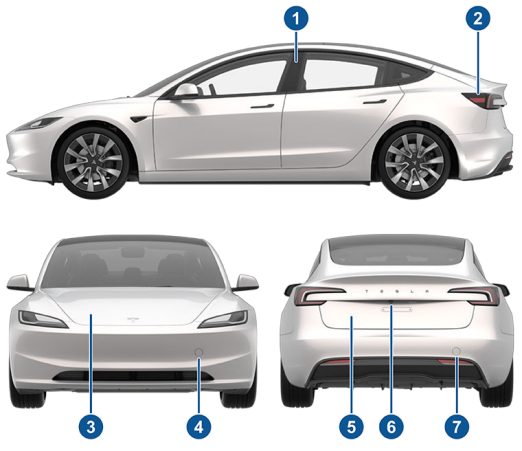
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Exterior



1. Key card sensor (Keys on page 19)

2. Charge port (Charging Instructions on page 164)

3. Hood/front trunk (Front Trunk on page 28)

4. Front tow eye cover (Instructions for Transporters on page 203)

5. Rear trunk (Rear Trunk on page 26)

6. Rear view camera (Rear Facing Camera(s) on page 87)

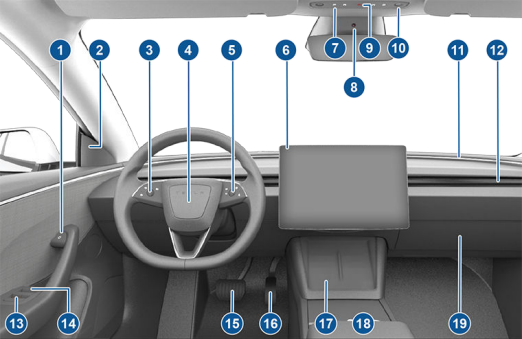
7. Rear tow eye cover (Instructions for Transporters on page 203)

For Autopilot camera locations, see Cameras on page 18.

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Interior Overview

NOTE: On RHD (Right Hand Drive) vehicles, the controls illustrated throughout the Owner's Manual are arranged similarly, but are mirrored on the right side of the vehicle.



1. Door open button (Opening Doors from the Interior on page 22)

2. Blind spot indicator (Blind Spot Indicator on page 125)

3. Left scroll wheel (Left Scroll Wheel (Multifunction) on page 64)

4. Horn (Horn on page 65)

5. Right scroll wheel (Right Scroll Wheel (Autopilot) on page 64)

6. Touchscreen (Touchscreen on page 6)

7. Secondary drive mode selector (P R N D) (Shift Using the Overhead Console on page 68) 8. Cabin camera (Cabin Camera on page 131)

9. Hazards (Hazards on page 73)

10. Dome lights (Lights on page 71)

11. Accent lights (Lights on page 71)

12. Climate control vent (see Operating Climate Controls on page 139)

13. Power window switches (Windows on page 25)

14. Manual door release (Opening Doors from the Interior on page 22)

15. Brake pedal (Braking and Stopping on page 75)

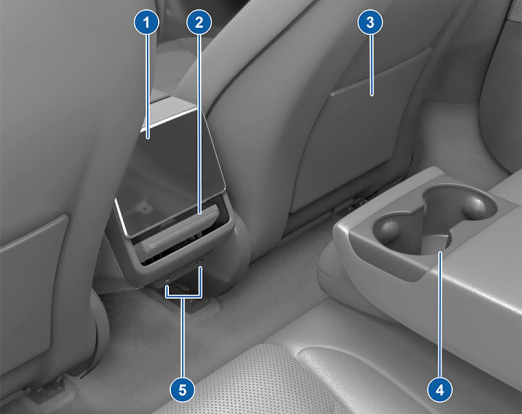
16. Accelerator pedal (Regenerative Braking on page 76)

17. Wireless phone charger (Wireless Phone Chargers on page 11) and key card reader (Keys on page 19) 18. Center console (Center Console on page 30)

19. Glovebox (Glovebox on page 30)

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Interior Overview



1. Rear touchscreen (Rear Touchscreen on page 9)

2. Adjustable climate control vents (Operating Climate Controls on page 139)

3. Seat pocket

4. Cup holders (Rear Console on page 30)

5. USB ports (USB Ports on page 11)

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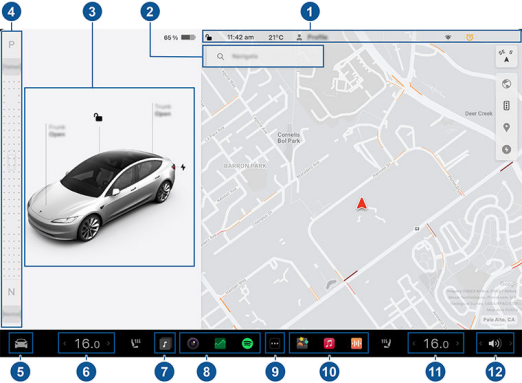
Touchscreen

WARNING: Always pay attention to road and traffic conditions when driving. To minimize driver distraction and ensure the safety of vehicle occupants as well as other road users, avoid using the touchscreen to adjust settings while the vehicle is in motion. 

Use the touchscreen to control many features that, in traditional cars, are controlled using physical buttons (for example, adjusting the cabin heating and air conditioning, headlights, etc.). You also use the touchscreen to control media, navigate, use entertainment features, and customize Model 3 to suit your preferences. For hands-free access to common touchscreen controls, use voice commands (see Voice Commands on page 16).

If the touchscreen is unresponsive or demonstrates unusual behavior, you can restart it (see Restarting the Touchscreen on page 8).

NOTE: *Illustrations are provided to improve conceptual understanding only. Depending on vehicle options, software version, market region and regional and language settings, the details displayed on the screen will differ*.



1. Status bar: Find car controls and status in the top bar (see Top Status Bar Icons on page 7).

2. Navigation: Change the orientation of the map, find or navigate to a destination, and change navigation settings (see Maps and Navigation on page 149).

3. Car status: This area dynamically displays the current status of Model 3 as you drive, park, open doors, turn lights on, etc. Monitor this area when driving as it displays important information such as driving speed and warning messages (see Car Status on page 13). When the vehicle is in Park, you can open the trunks or charge port door. This area also houses shortcut "cards" for Media, tire pressures, and Trip Information.

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Touchscreen

When full self-driving is enabled (if equipped), the car status area displays visualizations of the road and your vehicle's surroundings. You can expand/condense the visualization by dragging the car status area from side to side. Expanding the visualization displays more details about the roadway and its surroundings, including road markings, stop lights, and objects (such as trash cans and poles).

4. Drive mode strip: Use to shift into Park, Reverse, Neutral, or Drive. Swipe from the edge of the touchscreen towards the passenger, to bring up the drive mode strip. (See Shifting on page 68.)

5. Controls: Control various features and customize Model 3 to suit your preferences. The Controls screen appears over the map. Touch an option on the Controls screen to display the various settings and preferences associated with the chosen option.

To search for a specific setting, touch Search at the top of the Controls screen. Make changes directly from the result or touch the link to jump to that option in Controls.

When an information icon displays beside a specific setting, touch it to display a popup that provides helpful details about the associated setting. 

NOTE: Many vehicle controls, settings, and preferences (such as climate, media, and navigation) can be adjusted hands-free using voice commands (see Voice Commands on page 16).

NOTE: You can send touchscreen feedback to Tesla by long-pressing this icon.

6. Climate controls (driver): Use the left and right arrows to decrease/increase cabin temperature. Touch Split on the popup to display separate controls for the driver and passenger. Touch the temperature icon to customize climate control settings (see Operating Climate Controls on page 139). The passenger climate controls display when temperature controls have been Split to provide separate controls for the driver and passenger.

7. Media player shortcut: When using the media player app, swipe downwards and the media player shortcut icon appears in the bottom bar.

8. My Apps: For one-touch access to frequently used apps and controls, you can choose what displays here. See Customizing My Apps on page 7.

9. App Launcher: Touch the app launcher to open the app tray. Then touch any app to open it. The app you choose displays on top of the map. To close an app, drag it downward.

10. Recent App(s): Displays the most recently used app(s). The number of recent apps displayed here depends on how many apps have been added to My Apps. If you add the maximum number of apps to My Apps, only the most recent app displays.

11. Climate controls (passenger): Displays when temperature controls have been Split to provide separate controls for the driver and passenger.

12. Volume Control: Controls the volume of media player and phone calls (see Volume Controls on page 155). The volume of navigation instructions is controlled separately (see Maps and Navigation on page 149).

Customizing My Apps

For one-touch access to commonly used apps and controls, you can customize what displays in the My Apps area on the touchscreen's bottom bar:

1. Enter customization mode by touching and holding any app or control in the My Apps area. If this area is empty, touch the App Launcher.

2. Drag any app or control from the app tray onto the My Apps area in the bottom bar.

NOTE: Seat heaters selected from the app tray appear next to the temperature, instead of in the My Apps area.

NOTE: When you've added the maximum number of apps or controls to My Apps, adding an additional app removes the rightmost app.

NOTE: Remove an app or control from the My Apps area by touching and holding, then touching its associated "X".

Top Status Bar Icons

Touch to lock/unlock all doors and 

trunks.

Using This Owner's Manual 7

Touchscreen

4:20 pm Your vehicle automatically updates the time. If the time is incorrect, confirm

your vehicle has internet and GPS

connectivity with the latest software.

Displays on the touchscreen status bar 

only when Model 3 detects a

programmed HomeLink within range,

and the touchscreen is not already

displaying the HomeLink screen or

popup. See Smart Garage on page 57.

Displays on the touchscreen status bar 

only when Model 3 is parked. Add,

configure (including Valet Mode and Use

Easy Entry), or quickly switch driver

profiles. Driver profiles can also be

accessed from the top of any Controls

screen. See Driver Profiles on page 83.

Available when Model 3 is parked, touch 

to manually enable or disable Sentry

Mode for the current drive cycle. To

automatically turn Sentry Mode on (or

off) every time you leave your vehicle,

enable the setting from Controls >

Safety > Sentry Mode. See Sentry Mode

on page 136 for more information.

NOTE: If you turn Sentry Mode on or off

from Controls > Sentry Mode, the

shortcuts on the vehicle's touchscreen

and mobile app will only work for the

current drive cycle.

NOTE: For some vehicles manufactured

after approximately November 1, 2021,

the center console USB ports may only

support charging devices. Use the USB

port inside the glove box for all other

functions.

Displays when Model 3 is connected to a 

Wi-Fi network.

Displays when Model 3 cellular 

connectivity is very low or unavailable.

Touch this icon for quick access to Wi-Fi

settings.

Status of the front passenger airbag (see 

#unique\_44 on page ).

Appears when your vehicle's GPS 

location is actively being accessed in the

Tesla mobile app by the owner, an added

driver, or a third party app you're using.

To disable, navigate to Safety > Allow

Mobile Access on the touchscreen.

Popup Messages and Vehicle Alerts

Popup messages appear at the bottom of the touchscreen. For example, a seat belt reminder appears if a seat belt is unfastened in an occupied seat, an alert appears to notify you of an incoming phone call, a text message appears (when applicable), and voice commands appear when in use. If applicable, touch options from these popup messages (for example, accept/decline a phone call, choose an option from the headlight menu, etc.). To dismiss a popup message, swipe it downward.



If an alert appears on your vehicle's touchscreen, touch Learn More for more details regarding the alert and how it can be resolved. You can view a list of vehicle alerts and notifications by touching the bell icon at the top of Controls.

NOTE: Not all alerts provide additional information at this time.

Restarting the Touchscreen

You can restart your touchscreen if it is unresponsive or demonstrates unusual behavior.

WARNING: Only restart the touchscreen while the vehicle is stopped and in Park. The car status display, safety warnings, backup camera, etc. will not be visible during the restart. 

1. Shift into Park.

2. Hold down both scroll buttons on the steering wheel until the touchscreen turns black. Pressing the brake pedal while holding down the scroll buttons does not have any impact and is not required.



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3. After a few seconds, the Tesla logo appears. Wait approximately 30 seconds for the touchscreen to restart. If the touchscreen is still unresponsive or demonstrating unusual behavior after a few minutes, try power cycling the vehicle (if possible). See Power Cycling the Vehicle on page 61.

NOTE: Pressing the scroll buttons only restarts the touchscreen. It does not restart any other vehicle component and does not power Model 3 off and on.

Rear Touchscreen

The rear touchscreen provides rear passengers with access to:



1. Power: Touch to turn the rear climate control system on or off.

2. Rear fan speed: Touch to adjust fan speed.

3. Rear fan: Touch to turn the rear fan on or off, to adjust fan speed and control the direction of air flow from the rear vents (see Adjusting the Front and Rear Vents on page 143).

4. Seats: Control rear seat heaters and move the front passenger seat forward/rearward using the arrows.

5. Media: Play, pause, skip or rewind through the currently playing song (see Media on page 155).

6. Video: Access video streaming services.

7. Settings: Touch to pair up to two sets of Bluetooth headphones, change the brightness or clean the display.

NOTE: You can also use the front touchscreen to pair Bluetooth headphones to the rear display by launching the Rear Screen app.

8. Volume: Touch to adjust the volume.

9. Air wave preset: Touch to direct the air flow to the passenger head or torso quickly. Direct the air flow exactly where you want by touching and moving the air wave on the touchscreen.

Touchscreen

NOTE: You can also use the front touchscreen to adjust climate settings in the rear cabin (see Adjusting Climate Control Settings on page 139).

NOTE: Adjusting the media and volume controls also adjusts the front cabin settings.

Control the rear screen from the front

To control the rear touchscreen from the 

front, open the rear screen remote control

app in the bottom bar on the front

touchscreen. Besides audio, video and

climate controls, you can lock the rear

display in the app or by touching Controls

> Display > Lock Rear Display.

Customizing Display and Sound Settings

Touch Controls > Display to adjust display settings to suit your preferences:

• Appearance: Customize the display to be Dark or Light. When set to Auto, the brightness changes automatically based on ambient lighting conditions.

• Brightness: Drag the slider to manually control the brightness level. If Display Mode is set to Auto, the touchscreen further adjusts based on both the ambient lighting conditions and your brightness preference. Model 3 remembers your chosen brightness preference and adjusts the touchscreen accordingly.

• Screen Clean Mode: When enabled, your touchscreen darkens and temporarily disables to facilitate cleaning. Follow the onscreen instructions to exit Screen Clean Mode.

• Touchscreen Language: Select the language that the touchscreen displays.

NOTE: Model 3 must be in Park to change the language. When you change the language, you experience a brief delay as Model 3 shuts down and restarts the touchscreen.

• Voice Recognition Language: Choose the language to be used for voice commands.

• Voice Navigation Language: Choose the language that the navigation system uses for spoken instructions.

NOTE: For languages that require a download, select the language in the dropdown list to initiate the download (Wi-Fi connection required).

• Text size: Select between Standard and Large to customize the text size on your vehicle's touchscreen.

• Time: Choose to display time in either 12 or 24 hour format.

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Touchscreen

• Energy Display: Choose to display remaining energy

and charging units as either a percentage of battery

energy remaining, or as an estimate of the distance

you can drive.

NOTE: When anticipating when you need to charge,

use energy estimate as a general guideline only. Many

factors have an impact on energy consumption. See

Factors Affecting Energy Consumption on page 170.

• Distance: Choose to display measurements in metric

(kilometers, centimeters, etc.) or imperial (miles,

inches, etc.) units.

• Temperature: Choose to display temperature using

Fahrenheit or Celsius.

• Tire Pressure: Choose to display tire pressures using

BAR or PSI.

In addition to customizing the display, you can enable

Joe Mode to reduce the volume of all chimes that are

not related to critical safety issues. Touch Controls >

Safety > Joe Mode to enable.

Naming your Vehicle

To further personalize your vehicle, you can name it.

Touch Controls > Software > Name Your Vehicle located

on the right side of the touchscreen below the image of

Model 3. If your vehicle already has a name, touch the

existing name to change it. Enter the new name in the

popup and touch Save. The name of your Model 3 also

appears in the Tesla mobile app.

Erasing Personal Data

You can erase all personal data (saved addresses, music

favorites, HomeLink programming, etc.) and restore all

customized settings to their factory defaults. This is

useful when transferring ownership of Model 3. Touch

Controls > Service > Factory Reset. Before erasing,

Model 3 verifies your credentials by prompting you to

enter the user name and password associated with your

Tesla account.

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In addition to storage compartments and cup holders (see Interior Storage on page 30), the Model 3 interior supports various electronics such as USB ports, wireless phone chargers, and a 12V power socket.

USB Ports

Model 3 has four USB ports. The three USB-C ports output up to approximately 42W or two ports up to approximately 65W.

• One USB-C port is located in the rear compartment of the center console used to charge USB devices.



• Two USB-C ports are located below the rear touchscreen that can be used to charge USB devices.



• One USB-A port is located inside the glovebox. This port is equipped with a USB flash drive. The secure location of this USB port makes it ideal for saving Sentry Mode and Dashcam video footage. It also supports audio files from a phone or USB device (see Playing Media from Devices on page 156).



Interior Electronics

See USB Drive Requirements for Recording Videos on page 138 for information about formatting USB flash drives.

NOTE: Power is available whenever the vehicle is considered "awake". The vehicle may be awake for many reasons. For example, when using features such as Summon, or when features such as Keep Climate On, Dog Mode, Camp Mode, or Sentry Mode are enabled. The vehicle is also awake whenever the low voltage battery is being charged or is in use, during high voltage charging, when the vehicle is communicating with the mobile app, etc. Leaving an accessory plugged in does not deplete the low voltage battery.

NOTE: Use USB 3.0 compliant cables to connect a device to a USB port. Using non-compliant cables can result in slower charging, potential connection problems or degraded performance.

NOTE: Do not connect multiple devices using a USB hub. This can prevent connected devices from charging or from being recognized by Media Player, Sentry Mode, Dashcam, etc.

Wireless Phone Chargers

Wireless phone chargers are integrated into the front console, providing up to 15W of power to charge Qi enabled phones. To charge your phone, place it on one of the two charge pads. The phone must be in direct contact with the wireless charger. Do not place objects between the phone and the charger (for example, credit cards, key cards, coins, keys, metal objects, etc.). Your device may feel warm while charging, but this is a normal effect of inductive charging.

CAUTION: Remove NFC cards (for example, the vehicle key card, credit cards, or hotel key) from integrated phone cases before charging your phone to avoid damage to the card. 



When placed on the wireless charger, your phone charges whenever the vehicle is powered on (the touchscreen is on and you are in the vehicle). Your phone does not charge when you leave the vehicle unless a feature, such as Keep Climate On, Dog Mode, Camp Mode, or Sentry Mode is enabled.

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Interior Electronics

NOTE: The wireless phone charger may not work if your

phone case is too thick or is made of metal. Try

removing the phone from its case before placing it on

the charger.

NOTE: The wireless phone charger does not charge if

the vehicle's high voltage Battery is discharged.

Low Voltage Power Socket

Your Model 3 has a power socket located in the center

console's compartment. To access the low voltage

socket, open the front compartment of the center

console.



The power socket is suitable for accessories requiring up

to 12A continuous draw (16A peak).

NOTE: Power is available whenever the vehicle is

considered "awake". The vehicle may be awake for many

reasons. For example, when using features such as

Summon, or when features such as Cabin Overheat

Protection, Keep Climate On, Dog Mode, Camp Mode,

Sentry Mode, etc. are enabled. The vehicle is also awake

whenever the low voltage battery is being charged or is

in use, during high voltage charging, when the vehicle is

communicating with the mobile app, etc. Leaving an

accessory plugged in does not deplete the low voltage

battery.

WARNING: The power socket and an accessory’s 

connector can become hot.

WARNING: To prevent excessive interference with 

the vehicle’s electronics, Tesla recommends that

you do not plug any non-Tesla accessories,

including power inverters, into the low voltage

power socket. However, if you do use a non-Tesla

accessory and notice any malfunctions or

unexpected behavior, such as indicator lights, alert

messages, or excessive heat from the accessory,

unplug the accessory from the low voltage power

socket immediately.

CAUTION: Do not attempt to jump start Model 3 

using the low voltage power socket. Doing so can

result in damage.

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Overview

Cards

Car Status

The touchscreen displays the status of Model 3 at all times. What you see depends on whether the vehicle is:

• Parked (shown below).

• Driving (see Driving Status on page 14).

• Charging (see Charging Status on page 165).

When Model 3 is parked, the status area shows the drive mode, estimated range, and an overhead view of the car with buttons you can touch to open the trunks and charge port door. When you press the brake, Model 3 powers up and indicator lights flash briefly. Unless an indicator light applies to the current situation (for example, a seat belt is not fastened), it should turn off. If an indicator light fails to turn on or off, contact Tesla.

NOTE: *The following image is provided for*

*demonstration purposes only. Depending on vehicle options, software version, and market region, the information displayed may be slightly different.*

**

The bottom of the car status display also shows shortcut "cards" for quick access to Media, tire pressure data, trip information, and more. Swipe the cards to the left or right to customize your cards shortcuts.

Indicator Lights

The following indicator lights illuminate to advise you or alert you of a specific status or condition.

A brake system fault is detected or the 

brake fluid level is low. See Braking and

Stopping on page 75. Contact Tesla

immediately.

A brake booster fault has been 

detected. See Braking and Stopping on

page 75.

An ABS (Anti-lock Braking System) 

fault is detected. See Braking and

Stopping on page 75. Contact Tesla

immediately.

A parking brake fault is detected. 

Contact Tesla. See Parking Brake on

page 77.

The parking brake is manually applied. 

See Parking Brake on page 77.

Tire pressure warning. The pressure of a 

tire is out of range. If a fault with the

Tire Pressure Monitoring System

(TPMS) is detected, the indicator

flashes. For a TPMS fault, contact Tesla.

See Tire Care and Maintenance on page

176.

A seat belt for an occupied seat is not 

fastened. See Seat Belts on page 34.

Airbag safety. If this indicator does not 

flash on briefly when Model 3 prepares

to drive, or if it remains on, contact

Tesla immediately. See #unique\_68 on

page .

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Car Status

The rear fog indicator displays on the touchscreen whenever rear fog lights are on. 

Parking lights are on (side marker 

lights, tail lights, and license plate

lights) . See Lights on page 71.

Low beam headlights are on.

High beam headlights are on and Auto High Beam is disabled or currently unavailable. 

Auto High Beam is enabled and high beams are on. Model 3 is ready to turn off the high beams if light is detected. See High Beam Headlights on page 71. 

Auto High Beam is enabled but high beams are not on because light is 

detected in front of Model 3. When light is no longer detected, high beams

automatically turn back on. See High Beam Headlights on page 71.

This indicator flashes amber when the electronic stability control systems are actively minimizing wheel spin by 

controlling brake pressure and motor power. See Traction Control on page 81. If this indicator remains on, a fault is detected and you should immediately contact Tesla.

Electronic stability control systems are no longer minimizing wheel spin. On a Rear Wheel Drive vehicle, the traction control system has been turned off, or 

on an All-Wheel Drive vehicle, Slip Start has been enabled. See Traction Control on page 81.

Vehicle Hold is actively applying the brakes. See Vehicle Hold on page 80. 

A door or trunk is open. See Doors on page 22, Rear Trunk on page 26, or Front Trunk on page 28. 

A blue snowflake appears when some 

of the energy stored in the Battery may

not be available due to cold weather

conditions. During these cold weather

conditions, charging rates may also be

limited. If Model 3 is plugged in, you

can heat your Battery by turning on

climate control with the mobile app.

The snowflake disappears when the

Battery is sufficiently warm.

Appears when regenerative braking is 

limited. See Regenerative Braking on

page 76 for more information.

Vehicle power is currently being limited 

because the energy remaining in the

Battery is low, the vehicle's systems are

being heated or cooled, or an error is

detected by the drive inverter .

See Popup Messages and Vehicle Alerts on page 8 for more information about alert popups on your vehicle's touchscreen.

Driving Status

When Model 3 is driving (or ready to drive), the touchscreen shows your current driving status and a real-time visualization of the road as detected by the Autopilot components (see Cameras on page 18). The visualization automatically zooms in and out to better utilize touchscreen space and inform you when a vehicle is detected in your blind spot.

NOTE: *The following illustration is provided for demonstration purposes only. Depending on vehicle options, software version, and market region, the information displayed may be slightly different.*

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NOTE: To display more details about the roadway and its surroundings, such as road markings, stop lights, objects (such as trash cans and poles), etc., touch Controls > Autopilot > Full Self-Driving Visualization Preview (if equipped).

1. The power meter displays real-time power usage. During acceleration, the bar fills to the right to represent power being used. During deceleration (when Model 3 is moving and you release your foot from the accelerator pedal), the bar fills to the left with a green color to represent power being fed back to the Battery by regenerative braking (see Regenerative Braking on page 76).

2. When Autosteer is available but you haven't activated it, the icon is gray. When Autosteer is actively steering Model 3, the icon is blue (see Autosteer on page 99).

3. Currently selected drive mode: Park, Reverse, Neutral, or Drive.

4. Driving speed.

5. Other cars detected on the road (as applicable).

6. Your Model 3. Colored lines radiate from the image of your Model 3 as objects are detected (other motorists, guard rails, etc.). The location of the lines correspond to the location of the detected object. The color of the lines (white, yellow, orange, or red) represents the object's proximity to Model 3, with

Car Status

white being the farthest and red being very close and requiring your immediate attention. See Lane Assist on page 124.

7. When Autosteer is active and detecting the driving lane, the lane is highlighted in blue (see Autosteer on page 99).

NOTE: If Navigate on Autopilot is active, the driving lane displays as a single blue line in front of Model 3 (see Navigate on Autopilot on page 100).

8. The speed limit that is currently being detected by Speed Assist (see Speed Assist on page 130).

NOTE: On roads where the map data determines that a conditional speed limit exists (for example, a speed limit based on time of day or weather conditions), a second speed limit displays. It is the driver's responsibility to determine whether the conditional speed limit is currently in effect and adjust the driving speed accordingly.

NOTE: The icon associated with the detected speed limit reflects the style of speed limit signs used in your market region.

9. Total estimated driving distance (or energy) available. Touch the displayed value to change how available energy is displayed. You can toggle between driving distance and percentage of battery energy remaining. You can also change how energy is displayed by touching Controls > Display > Energy Display.

NOTE: When anticipating when you need to charge, use range estimates as a general guideline only.

10. The set cruising speed. When Traffic-Aware Cruise Control is available but you haven't set a cruising speed, the number is gray (see Traffic-Aware Cruise Control on page 98).

WARNING: Pay attention to important alert messages that display at the bottom of the car status area of the touchscreen. Ignoring these messages can result in serious injury or death. 

WARNING: Although the touchscreen shows surrounding traffic, some vehicles may not be displayed. Never rely on the touchscreen to determine if a vehicle is present (for example, in your blind spot). Always use your mirrors and perform shoulder checks. 

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Voice Commands

NOTE: Voice commands are not available in all languages. To choose the language you want to use for voice commands, touch Controls > Display > Voice Recognition Language.

Use voice commands to easily control settings and preferences without using the touchscreen. Voice commands are designed to understand natural requests. Use them to:

• Adjust climate preferences.

• Tweak the windshield wiper speed and frequency. • Control various aspects of your vehicle.

• Navigate to a location.

• Call a contact.

• Interact with apps and settings.

To initiate a voice command, fully press the microphone button on the right side of the steering wheel. When a chime sounds, make your request, then Model 3 provides onscreen responses.

Examples of Voice Commands

Here is a list of example voice commands. This is not an exhaustive list. Tesla is constantly working to improve voice commands.

Climate Controls

Adjust your climate preferences using voice commands: • "Make it cooler"

• "Make it warmer"

• "Turn on/off the driver's seat heater"

• "Cool down the passenger"

• "Direct airflow to my face"

• "Sync climate"

• "Increase/decrease the fan speed"

• "Turn on/off rear defroster"

• "Set the temperature/fan..."

• "Turn on recirculate"

Windshield Wipers

Update the windshield wiper speed and frequency based on changing road and weather conditions:

• "Speed up the wipers"

• "Increase/decrease windshield wiper speed by..." • "Turn on/off the wipers"

Vehicle Controls

You can also modify various controls in your vehicle using voice commands:

NOTE: Your vehicle must be in Park to enable some voice commands (such as Sentry Mode, Dog Mode, etc.).

• "Sentry Mode on/off"

• "Keep my car safe"

• "Lock/unlock the doors"

• "Turn on Dog Mode"

• "Fold/unfold the mirrors"

• "Open/close charge port"

• "Start/stop charging"

• "Open service settings"

• "Open the glovebox"

Navigation

To search for, or navigate to, a location, say:

• "Where is [location]?"

• "Drive to [location]"

• "Navigate to [location]"

• "Show nearby Superchargers"

• "I'm feeling hungry/lucky" (see Maps and Navigation on page 149).

• "Stop navigation"

• "Mute voice guidance"

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If you have defined a navigation address for your home or work locations, you can use a voice command to navigate there by saying "Navigate home" or "Take me to work".

Contacts

To call or text a contact on your Bluetooth-connected phone (see Phone, Calendar, and Web Conferencing on page 55), say:

• "Call [contact name/phone number]"

• "Text [contact name/phone number]"

Media

To listen to and adjust your media preferences, say:

• "Listen to [song name]"

• "Lower/raise the volume"

• "Skip to next"

• "Pause/play song"

• "Change the source to [media source]"

To improve voice command recognition accuracy, provide multiple cues in your command, such as artist and song.

Apps and Settings

Easily navigate through your apps and settings using voice commands:

• "Open [Toybox/browser/theater/phone]" • "Search for..."

• "The screen is too bright"

• "Show me the Owner's Manual"

Some apps and settings are only accessible while in Park.

You can also file a bug report by saying "Report" , "Feedback", or "Bug report".

For more information on voice commands, go to https:// www.tesla.com/support/voice-commands.

NOTE: To support ongoing quality improvements, Tesla captures and processes voice command transcriptions (such as “set the temperature…”). Audio voice recordings are not collected, and transcriptions are not associated with your Tesla account or with your vehicle's identification number. To further protect your privacy, voice commands containing personal data are not captured (such as "Navigate to..." or "Make a call to...").

Voice Commands

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Cameras

Your Model 3 includes the following components that actively monitor the surrounding area:



• A camera is mounted above the rear license plate. • A camera is mounted in each door pillar.

• Two cameras are mounted to the windshield above the rear view mirror.

• A camera is mounted to each front fender.

Model 3 is also equipped with high precision electronically-assisted braking and steering systems.

Cabin Camera

Your Model 3 is equipped with a cabin camera located above the rear view mirror. For more information, see Cabin Camera on page 131.

Drive to Calibrate Cameras

Model 3 must maneuver with precision when Autopilot features are being used. Therefore, before some features can be used for the first time or after some types of service repairs, cameras must complete a self-calibration process. For your convenience, the touchscreen displays a progress indicator.

When calibration is complete, Autopilot features are available for use. Calibration typically completes after driving 32-40 km, but the distance varies depending on road and environmental conditions. For example, calibration completes quicker when driving on a straight road with multiple lanes (such as a controlled-access highway), with highly-visible lane markings (in the driving lane as well as the adjacent lanes). Contact Tesla only if your Model 3 has not completed the calibration process after driving 160 km in the described conditions.

If a camera has shifted from its calibrated position (for example, the camera or windshield was replaced), you must clear the calibration. To do so, touch Controls > Service > Camera Calibration > Clear Calibration. When the calibration is cleared, Model 3 repeats the calibration process. While this helps re-calibrate the cameras in many cases, Clear Calibration may not resolve all camera and sensor concerns.

NOTE: To calibrate, cameras require highly-visible lane markings in both the driving lane and adjacent lanes (at least two lanes over on each side of the vehicle). For best results, drive in the middle lane of a multi-lane highway (ideally with at least five lanes) that has clear lane markings and minimal traffic.

NOTE: If you attempt to use a feature that is not available until the calibration process is complete, the feature is disabled and the touchscreen displays a message.

NOTE: Model 3 must repeat the calibration process if the cameras are serviced by Tesla, and in some cases, after a software update.

Keeping Cameras Free of

Obstructions

Ensure all cameras are clean and free of obstructions before each drive and before using Autopilot features (see Cleaning a Camera on page 183). Dirty cameras and sensors (if equipped), as well as environmental conditions such as rain and faded lane markings, can affect Autopilot performance. If a camera is obstructed or blinded, Model 3 displays a message on the touchscreen and Autopilot features may not be available. For more information on specific alerts, see Troubleshooting Alerts on page 212.

Condensation can form inside the camera enclosures, especially if you park your vehicle outside in cold or wet conditions. The touchscreen may display an alert stating that a camera is blocked and that some or all Autopilot features may be temporarily restricted until the camera vision is clear. To proactively dry the condensation, precondition the cabin by setting it to a warm temperature, turning the windshield defroster on, and directing the front air vents toward the door pillars (see Mobile App on page 49).

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Types of Keys

Model 3 supports the following types of keys:

• Phone key - You can set up your personal phone as a "phone key" that communicates with Model 3 using Bluetooth. A phone key supports automatic locking and unlocking.

• Key card - Tesla provides a key card that

communicates with Model 3 using short range radio frequency identification (RFID) signals. The key card is used to "authenticate" phone keys to work with Model 3 and to add or remove other keys. Unlike the phone key, the key card does not support automatic locking and unlocking. In situations where your phone key has a dead battery, or is lost or stolen, use your key card to unlock, drive, and lock Model 3.

Model 3 supports a total of 19 keys, which can include phone keys and key cards.

CAUTION: Remember to bring a key with you when you drive. Although you can drive Model 3 away from its key, you will be unable to power it back on after it powers off. 

Phone Key

CAUTION: Do not leave your paired phone in your vehicle (for example, if you are hiking or at the beach). If you must leave your phone in the vehicle, disable Bluetooth and/or turn the phone off. 

Using your phone as a key is a convenient way to access your Model 3. As you approach, your phone's Bluetooth signal is detected and the doors unlock when you pull a

door handle. Likewise, when you exit and walk away with the phone key, doors automatically lock (provided the Walk-Away Door Lock feature is turned on; see Walk Away Door Lock on page 23).

Before you can use a phone to access Model 3, follow these steps to authenticate it:

1. Download the Tesla mobile app to your phone.

2. Log into the Tesla mobile app using your Tesla account username and password.

NOTE: You must remain logged in to your Tesla account to use your phone to access Model 3.

NOTE: If multiple vehicles are linked to your Tesla account, you must ensure that the vehicle you want the mobile app to access is currently selected on the mobile app.

3. Ensure:

◦ Your phone's general Bluetooth settings are enabled.

Keys

◦ Bluetooth is enabled within your phone's settings for the Tesla mobile app. For example, on your phone, navigate to Settings, choose the Tesla mobile app, and ensure the Bluetooth setting is turned on.

◦ Access to your location is enabled. Open the Tesla mobile app in your phone's settings and select Location > Always. For the best experience, keep the mobile app running in the background.

◦ Allow Mobile Access is enabled on the vehicle touchscreen (Controls > Safety > Allow Mobile Access).

NOTE: Model 3 communicates with your phone using Bluetooth. Keep in mind that your phone must have enough battery power to run Bluetooth and that many phones disable Bluetooth when the battery is low.

4. While inside or near the vehicle, open the Tesla mobile app and touch Set Up Phone Key on the main screen, or navigate to Security > Set Up Phone Key. Follow the prompts on the mobile app and vehicle touchscreen to set up your phone key.

To view a list of keys that can currently access Model 3, or to remove a phone key, touch Controls > Locks (see Managing Keys on page 20).

Model 3 can connect to three phone keys

simultaneously. Therefore, if more than three phone keys are detected and you want to authenticate or pair a different phone, move the other connected phone key(s) out of range or turn off its Bluetooth setting.

Once a phone has been authenticated, it no longer requires an internet connection to be used as a phone key for Model 3. However, to use the phone hands-free, access your phone's contacts, play media from it, etc., you must also pair it and connect it as a Bluetooth device (see Bluetooth on page 52).

Some smartphones with NFC capability can be used to lock/unlock your vehicle, just like using a key card. Ensure the Tesla mobile app is correctly paired to your vehicle and enable the NFC function on your phone. Once enabled, simply hold the phone to the driver's side door pillar to lock or unlock the door. Refer to your smartphone's instructions for specific information on how to do this.

Key Card

Tesla provides you with two Model 3 key cards, designed to fit in your wallet.

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Keys

To use a key card to unlock or lock Model 3, position the card as shown and tap it against the card reader located approximately one third the way up of the driver's side door pillar. When Model 3 detects the key card, the exterior lights flash, the mirrors unfold or fold (if Fold Mirrors is on), the horn sounds (if Lock Confirmation Sound is on), and the doors unlock or lock.

NOTE: You may need to physically touch the wireless phone charger or driver's side door pillar with the key card, and you may need to hold it against the transmitter for one or two seconds.



Once inside, power up Model 3 by pressing the brake pedal within two minutes of scanning the key card (see Starting and Powering Off on page 60). If you wait longer than two minutes, you must re-authenticate by placing the key card near the card reader located in the wireless phone charger on the center console. When your key card is detected, your two minute authentication period restarts.



NOTE: If enabled, Walk-Away Door Lock (see Walk Away Door Lock on page 23) operates only when you walk away using a phone key. When you walk away carrying your key card, Model 3 does not automatically unlock/lock.

Managing Keys

To display a list of all keys that can access your Model 3, touch Controls > Locks. An icon displays next to each key to indicate whether the key is a phone key or key card. Use this list to manage keys that have access to your Model 3. To add or delete keys, see Adding and Removing Keys on page 20.

Model 3 supports up to 19 keys. When you reach this limit, you must delete a key before adding a new one.

NOTE: You can use the same key for more than one Model 3. This prevents you from having to deal with multiple keys when you switch vehicles. If you customize the name of an authenticated key card on one Model 3 (by touching the pencil icon), any other Model 3 to which the key card is authenticated also displays the changed name.

NOTE: If you are leasing your vehicle, contact your leasing company to add or remove keys.

Adding and Removing Keys

To add a new key:

1. On the touchscreen, touch Controls > Locks > Keys > Add Key.

2. Scan your new key card on the card reader located on either wireless phone charger. When you hear a chime, the new key card is recognized.

3. Scan a key card that has already been paired to the vehicle to confirm new key pairing.

4. When complete, the key list includes the new key. Touch the associated pencil icon to customize the name of the key.

Removing a key:

When you no longer want a key to access Model 3 (for example, you lost your phone or key card, etc.), follow these steps to remove it.

1. On the touchscreen, touch Controls > Locks.

2. In the key list, find the key that you would like to delete and touch its associated trash icon.

3. When prompted, scan an authenticated key on the card reader to confirm the deletion. When complete, the key list no longer includes the deleted key.

NOTE: Model 3 requires at least one authenticated key card at all times. If only one key card remains on the key list, you cannot delete it.

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Keys

Replacing Key cards

If you lose a key card, you can purchase replacement

ones on the Tesla Shop. When ready to pair, simply

follow the steps in Adding and Removing Keys on page

20. Remember to remove your old key cards from

Controls > Locks > Keys for security purposes.

In the event you lose both keys cards, schedule a service

appointment through the mobile app to replace and pair

them.

Opening and Closing 21

Doors

Using Exterior Door Handles

Use your thumb to push the wide part of the door handle. The handle pivots toward you, and you can open the door by pulling the handle or pulling the edge of the door.

The handle retracts automatically.

When a door or trunk is open, the 

touchscreen displays the Door Open

indicator light.

NOTE: See Cold Weather Best Practices on page 145 to ensure door handles function properly in cold weather.

WARNING: While using the door handle, take care to avoid allowing fingers, jewelry, acrylic nails, etc. from being pinched by the door or door handle mechanism. Failure to do so may result in damage or injury. 

Opening Doors from the Interior

Model 3 doors are electrically powered. To open a door while sitting inside, press the button located at the top of the interior door handle and push the door open.



NOTE: To prevent children from opening the rear doors, turn on child locks (see Child Locks on page 23).

To open a front door in the unlikely situation when Model 3 has no power, pull up the manual door release located in front of the window switches.



You can open a rear door manually in the unlikely situation in which Model 3 has no power:

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1. Remove the cover from the bottom of the rear door pocket.

2. Pull the mechanical release cable forward.

CAUTION: Manual door releases are designed to be used only in situations when Model 3 has no power. When Model 3 has power, use the button located at the top of the interior door handle. 

Interior Locking and Unlocking

While sitting inside Model 3, you can lock and unlock all doors and trunks by touching the lock icon on the touchscreen.

The icon changes to indicate whether 

doors are locked or unlocked.

Walk-Away Door Lock

Doors and trunks can automatically lock when you walk away carrying your phone key (if ordered after approximately October 1, 2019). To turn this feature on or off, touch Controls > Locks > Walk-Away Door Lock.

When the doors lock, the exterior lights flash once and the mirrors fold (if Fold Mirrors is on). To also hear a confirmation sound when Model 3 locks, touch Controls > Locks > Lock Confirmation Sound.

NOTE: Touch Toybox > Boombox > Lock Sound to customize the lock sound when the vehicle is locked from the outside (Pedestrian Warning System required).

Model 3 does not automatically lock if:

• You check the Exclude Home checkbox and Model 3 is parked at the location you have designated as Home. For details on how to designate a location as Home, see Home, Work, and Favorite Destinations on page 151.

Doors

• A phone key is detected inside Model 3.

• A door or trunk is not fully closed.

• The phone key's Bluetooth setting is turned off.

• If Model 3 detects an authenticated key for several minutes after you exit the vehicle and close all doors, Walk-Away Lock disables and doors do not lock when you walk away. In this case, you must manually lock your vehicle until after your next drive.

• The driver does not use the driver door to get out of the vehicle.

NOTE: It is ultimately your responsibility to ensure your vehicle is locked, even when Walk-Away Door Lock is enabled.

Drive Away Locking

Model 3 automatically locks all doors (including the trunks) when your driving speed exceeds 8 km/h.

Driver Door Unlock Mode

Enabling Controls > Locks > Driver Door Unlock Mode only unlocks the driver door when you first unlock Model 3. The driver door unlocks only if a key is present on the driver side of the vehicle and not the passenger side. To unlock the remaining doors, long press the button located at the top of the interior driver door handle, use the touchscreen, mobile app.

Car Left Open Notifications

To receive a mobile notification if a door, trunk and/or window is left open or if Model 3 is left unlocked unexpectedly, touch Controls > Locks > Car Left Open Notifications.

Child Locks

Model 3 has child locks on the rear doors to prevent them from being opened using the interior release buttons. On the touchscreen, touch Controls > Locks > Child Lock. You can choose Both to engage the child lock on both rear doors, or you can choose Left or Right to engage it on just a specific door.

WARNING: It is recommended that you turn on child locks when children are seated in the rear seats. 

Unlock on Park

When you stop Model 3 and engage Park, you can choose to unlock all doors. To turn this feature on or off, touch Controls > Locks > Unlock on Park.

Opening and Closing 23

Doors

NOTE: If set to OFF, you can unlock all doors by

pressing the Park button a second time after engaging

Park.

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Opening and Closing

NOTE: It is your responsibility to ensure windows are closed after locking the vehicle.

Press down on a switch to lower the associated window. Window switches operate at two levels:

• To lower a window fully, press the switch all the way down and immediately release.

• To lower a window partially, press the switch gently and release when the window is where you want it.

NOTE: If a window is fully lowered and you open the associated door, the window rises slightly. Likewise, if you fully lower a window while the door is already open, it stops slightly above the edge of the door. To fully lower a window while the door is open, press the switch again.

Similarly, pull a switch to raise the associated window:

• To raise a window fully, pull the switch all the way up and immediately release.

• To raise a window partially, pull the switch gently and release when the window is where you want it.

If a window is left open unintentionally, Model 3 can send a notification to the mobile app (touch Controls > Locks > Car Left Open Notification, then choose Doors & Windows).

You can also enable Close Windows on Lock by touching Controls > Locks > Close Windows on Lock. When enabled, your vehicle automatically closes the windows when Model 3 locks.

Windows

NOTE: See Cold Weather Best Practices on page 145 for information on preparing windows for cold weather.

CAUTION: To avoid damage, windows 

automatically lower slightly when you open or close a door. If you manually raise a window when the door is open, ensure it is slightly lowered before closing the door.

WARNING: Before closing a window, it is the driver’s responsibility to ensure that all occupants, especially children, do not have any body parts extended through the window’s opening. Failure to do so can cause serious injury. 

Locking Rear Windows

To prevent passengers from using the rear window switches, touch Controls > Locks > Window Lock. To unlock the rear windows, touch Window Lock again.

WARNING: To ensure safety, it is recommended that you lock the rear window switches whenever children are seated in the rear seats. 

WARNING: Never leave children unattended in Model 3. 

Calibrating Windows

In the unlikely event that a window behaves unexpectedly (touches the bright molding, fails to open or close properly, goes down more than normal when the door opens, etc.), you can calibrate it to potentially fix the issue.

To calibrate a window:

1. Close the door with the affected window. 2. Sit in the driver's seat and close the driver door.

3. Using the window's switch on the driver's door, raise the affected window until it stalls.

4. Using the window's switch on the driver's door, lower the affected window until it stalls.

5. Repeat step 3 and raise the affected window until it stalls.

The window should now be calibrated. If the issue continues after attempting the calibration procedure a couple times, contact Tesla.

UV Index Rating

The roof, windshields, and windows in Model 3 are excellent at protecting you from UV (ultraviolet) rays. The glass components score less than 2 on the UV Index scale. Review your region’s UV Index specifications for more information. You are still responsible for taking the necessary precautions for sun protection.

Opening and Closing 25

Rear Trunk

Opening

To open the rear trunk, ensure Model 3 is in Park, then do one of the following:

• Touch the associated Open button on the touchscreen.

• Touch the rear trunk button on the mobile app.

• Press the switch located under the rear trunk's exterior handle (a valid key must be detected).

CAUTION: Before opening the rear trunk in an enclosed area (such as a garage), ensure the opening height of the rear trunk is properly adjusted to avoid low-hanging ceilings or objects (see Adjusting Opening Height of Powered Trunk on page 26). 

Model 3 must be unlocked or detect a key before you can use the switch to open the rear trunk.



When a door or trunk is open, the

touchscreen displays the Door Open

indicator light. The image of your Model 3

on the touchscreen also displays the open

trunk.

To open the rear trunk from inside the vehicle in the unlikely situation that Model 3 has no power, see Interior Emergency Trunk Release on page 27.

Adjusting Opening Height of Powered Trunk

You can adjust the opening height of the powered trunk (if equipped) to make it easier to reach or to avoid low hanging ceilings or objects (for example, a garage door or light):

1. Open the trunk, then manually lower or raise it to the desired opening height.

2. Press and hold the button on the underside of the trunk for three seconds until you hear a confirmation chime.



3. Confirm that you have set it to the desired height by closing the powered trunk, then reopening it.

CAUTION: Depending on configuration (such as wheel selection), your vehicle's rear trunk can open up to approximately 2 meters. Adjust the rear trunk height to prevent it from coming into contact with low ceilings or other objects. 

Closing

• Touch the associated Close button on the touchscreen.

• Press the switch located on the underside of the rear trunk

WARNING: Before driving, ensure that the trunk is securely latched in the fully-closed position by lifting up on the bottom edge and confirming there is no movement. 

Accessing the Cargo Area

To access the cargo area inside the rear trunk, pull up the strap at the rear of the cargo cover. You can then fold the cargo cover forward or remove it from Model 3.

Secure all cargo before moving Model 3, and place heavy cargo in the lower trunk compartment.

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Rear Trunk Load Limits

Distribute the weight of cargo as evenly as possible between the front and rear trunks.

CAUTION: Never load more than 40 kg in the lower compartment of the rear trunk or more than 130 kg on the upper compartment. Doing so can cause damage. 

WARNING: When loading cargo, always consider the vehicle's Technically Permissible Maximum Laden Mass (TPMLM) (see Specifications on page 193). The TPMLM is the maximum allowable total mass of the vehicle including all passengers, fluids, and cargo. 

Interior Emergency Trunk Release

An illuminated mechanical release located inside the rear trunk allows you to open the rear trunk from the inside if Model 3 has no electrical power. This mechanical release also allows a person locked inside to get out.



1. Firmly press and hold the illuminated button in the direction of the arrow to release the latch.

2. While pressing the button, push the rear trunk open.

NOTE: The button glows for several hours after a brief exposure to ambient light.

Rear Trunk

WARNING: Do not allow children to play inside the trunk or become locked inside. An unrestrained child could suffer serious injury or death in a crash. A child could suffer heat exhaustion or death if trapped in the vehicle, especially without climate control on. 

Storage Areas 27

Front Trunk

Opening

To open the front trunk, ensure Model 3 is in Park, and then do one of the following before pulling the hood open:

• Touch the associated Open icon on the touchscreen. • Touch the front trunk button in the mobile app.



When a door or trunk is open, the

touchscreen displays the Door Open

indicator light. The image of your Model 3

on the touchscreen also displays the open

front trunk.

WARNING: Before opening or closing the hood, it is important to check that the area around the hood is free of obstacles (people and objects). Failure to do so may result in damage or serious injury. 

Closing

The Model 3 hood is not heavy enough to latch under its own weight and applying pressure on the front edge or center of the hood can cause damage.

To properly close the hood:

1. Lower the hood until the striker touches the latches.

2. Place both hands on the front of the hood in the areas shown (in green), then press down firmly to engage the latches.

3. Carefully try to lift the front edge of the hood to ensure that it is fully closed.

CAUTION: To prevent damage:

• Apply pressure only to the green areas shown. Applying pressure to the red areas can cause damage.

• Do not close the hood with one hand. Doing so applies concentrated force in one area and can result in a dent or crease.

• Do not apply pressure to the front edge of the hood. Doing so can crease the edge.

• Do not slam or drop the hood.

• To avoid scratches, don't have anything in your hands (keys). Jewelry can also cause scratches.

WARNING: Before driving, you must ensure that the hood is securely latched in the fully closed position by carefully trying to lift the front edge of the hood upward and confirming there is no movement. It is the driver's responsibility to ensure that the front trunk is properly closed before driving. 

If the front trunk is left open when you attempt to shift out of Park, a notification requiring you to confirm your intent to drive appears on the touchscreen. If you choose to keep the front trunk open while driving, your vehicle speed is limited.

The front trunk locks when:

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Front Trunk

• You lock Model 3 using the touchscreen, key or

mobile app.

• You leave Model 3 carrying your key (if Walk-Away

Door Lock on page 23 is turned on).

• Valet mode is active (see Valet Mode on page 84).

Front Trunk Load Limit

Distribute the weight of cargo as evenly as possible

between the front and rear trunks.

CAUTION: Never load more than 50 kg in the front 

trunk. Doing so can cause damage.

WARNING: When loading cargo, always consider 

the vehicle's Technically Permissible Maximum

Laden Mass (TPMLM) (see Specifications on page

193). The TPMLM is the maximum allowable total

mass of the vehicle including all passengers, fluids,

and cargo.

Interior Emergency Release

An illuminated interior release button inside the front

trunk allows a person locked inside to get out.



Press the interior release button to unlatch the front

trunk, then push up on the hood.

NOTE: The interior release button glows following a brief

exposure to ambient light.

WARNING: People should never climb inside the 

front trunk. Never shut the front trunk when a

person is inside.

WARNING: Care should be taken to ensure that 

objects inside the front trunk do not bump against

the release button, causing the hood to

accidentally open.

Storage Areas 29

Interior Storage

Center Console

In addition to housing an RFID transmitter that reads key cards (see Keys on page 19), the center console includes cup holders, two storage compartments, various chargers (see Interior Electronics on page 11), and a rear touchscreen.

To open the main storage compartment, squeeze the latch under the front lip. Open the front storage compartment by sliding its cover forward.

Rear Console

Your Model 3 has a rear console integrated in the center of the second row seat back. Pull the console down to access the rear cup holders or use it as an armrest.



NOTE: The rear console is self-locking in certain situations and cannot be lowered. For example, while driving on a steep slope or during hard accelerations.

Glovebox

To open the glovebox, touch Controls > Glovebox. The glovebox automatically opens and the light turns on.



NOTE: On RHD (Right Hand Drive) vehicles, the glovebox location illustrated above is arranged similarly, but is mirrored on the left side of the vehicle.

To close the glovebox, push it upward until it latches into the closed position.

For additional glovebox security, touch Controls > Safety > Glovebox PIN to set a 4-digit PIN (see Glovebox PIN on page 132).

NOTE: If you leave the glovebox open, its light eventually turns off.

NOTE: The glovebox locks whenever closed and you lock Model 3 using the mobile app, key card, you leave Model 3 carrying your phone key (if Walk-Away Door Lock is turned on), or if Valet mode is active (see Valet Mode on page 84). It does not lock when Model 3 is locked by touching the lock icon on the touchscreen.

WARNING: When driving, keep the glovebox closed to prevent injury to a passenger if a collision or sudden stop occurs. 

Coat Hangers

Your Model 3 has a coat hanger on each side of the vehicle above the rear window in the second row. Push the coat hanger to release it. Push it again to retract it.



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Correct Driving Position

The seat, head support, seat belt and airbags work together to maximize your safety. Using these correctly ensures greater protection.



Position the seat so you can wear the seat belt correctly, while being as far away from the front airbag as possible:

1. Sit upright with both feet on the floor and the seat back in an upright position.

2. Make sure you can easily reach the pedals and that your arms are slightly bent when holding the steering wheel. Your chest should be at least 25 cm from the center of the airbag cover.

3. Place the shoulder section of the seat belt mid-way between your neck and your shoulder. Fit the lap section of the belt tightly across your hips, not across your stomach.

Model 3 seats include integrated head supports that cannot be adjusted or removed.

Front and Rear Seats Adjusting the Front Seats



1. Move seat forward/backward and adjust the seat’s height and tilt angle up/down.

2. Adjust backrest.

3. Adjust lumbar support.

CAUTION: Do not move a front seat's backrest fully forward when the seat is also in the fully forward position. Doing so can cause the top of the seat to hit, and potentially damage, the sun visor. 

WARNING: Before adjusting a front seat, check that the area around the seat is free of obstacles (people and objects). 

Seating and Safety Restraints 31

Front and Rear Seats

WARNING: Do not adjust seats while driving. Doing so increases the risk of a collision. 

WARNING: Riding in a moving vehicle with the seat back reclined can result in serious injuries in a collision, as you could slide under the lap belt or be propelled into the seat belt. Ensure your seat back is reclined no more than 30 degrees when the vehicle is moving. 

Calibrating Seats

You can calibrate the driver seat. This is useful if you find your seat range limited or your driver profile does not automatically adjust the seat for you. Navigate to Controls > Service > Driver Seat, Steering & Mirrors Calibration and follow the instructions on the touchscreen.

WARNING: Ensure nothing is behind or 

underneath the driver seat during calibration. Failure to do so may cause serious injury.

Folding Rear Seats

Model 3 has a split rear seat that can fold forward.

NOTE: Driving with the rear seats folded forward can increase the amount of perceived noise and/or vibration coming from the rear of the vehicle (trunk, suspension, etc.).

Before folding, remove items from the seats and the rear footwell. To allow the rear seat backs to fold completely flat, you may need to move the front seats forward.



To fold a rear seat, pull the corresponding lever and fold the seat forward.

Raising Rear Seats

Before raising a rear seat, make sure that the seat belts are not trapped behind the backrest.

Pull the seat back upward until it locks into place.

To confirm that the seat back is locked in the upright position, try pulling it forward.

WARNING: Always ensure the seat backs are locked in their upright position by pushing it forward or rearward. Failure to do so increases the risk of injury. 

Head Supports

The front and second row seats include integrated head supports that are not adjustable.

Seat Heaters

The front and rear seats operate at three levels from 3 (highest) to 1 (lowest). To operate the seat heaters, see Operating Climate Controls on page 139.

WARNING: To avoid burns resulting from 

prolonged use, individuals who have peripheral neuropathy, or whose capacity to feel pain is limited because of diabetes, age, neurological injury, or some other condition, should exercise caution when using the climate control system and seat heaters.

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Seat Covers

WARNING: Do not use seat covers on a front seat. Doing so could restrict deployment of the seat mounted side airbags if a collision occurs. Also, if the vehicle is equipped with an occupant detection system that is used to determine the status of the passenger front airbag, seat covers may interfere with this system. 

Front and Rear Seats

Seating and Safety Restraints 33

Seat Belts

Wearing Seat Belts

Using seat belts and child safety seats is the most effective way to protect occupants if a collision occurs. Therefore, wearing a seat belt is required by law in most jurisdictions.

All seats are equipped with three-point inertia reel seat belts. Inertia reel belts are automatically tensioned to allow occupants to move comfortably during normal driving conditions.

The seat belt reel automatically locks to prevent movement of occupants if Model 3 experiences a force associated with hard acceleration, braking, cornering, or an impact in a collision.

Seat Belt Reminders

The seat belt reminder on the touchscreen 

alerts you if a seat belt for an occupied

driver or passenger seat is unbuckled. If all

occupants are buckled up and the

reminder stays on, re-buckle seat belts to

ensure they are correctly latched. Also

remove any heavy objects (such as a

briefcase) from an unoccupied seat. If the

reminder light continues to stay on,

contact Tesla.

WARNING: Seat belts must be worn by passengers in all seating positions. 

NOTE: In regions where regulations require seat belt reminders in rear seating positions, these reminders cannot be disabled. To cancel the reminder in an unoccupied seat when an object is detected, you must either fasten the seat belt or remove the object.

To Fasten a Belt

1. Ensure correct positioning of the seat. See (see Correct Driving Position on page 31) for details on the correct position of the driver's seat.

2. Draw the belt out smoothly, ensuring the belt lays flat across the pelvis, chest and mid-point of your collar bone, between the neck and shoulder. Ensure the belt is routed correctly and is not twisted. Never sit on the seat belt or any seat belt component.

WARNING: A twisted or incorrectly routed seat belt can cause damage and interfere with the functionality of the seat belt system. 

3. Insert the latch plate into the buckle and press together until you hear a click indicating it is locked in place.



4. Pull the belt to check that it is securely fastened.

5. Pull the diagonal part of the belt toward the reel to remove excess slack.

To Adjust the Shoulder Anchor Height

Model 3 is equipped with an adjustable shoulder anchor for each front seat to ensure that the seat belt is positioned correctly. The seat belt should lay flat across the mid-point of your collar bone while in the correct driving position (see Correct Driving Position on page 31). Adjust the height of the shoulder anchor if the seat belt is not positioned correctly:

1. Press and hold the button on the shoulder anchor to release the locking mechanism.

2. While holding the button, move the shoulder anchor up or down, as necessary, to correctly position the seat belt.



3. Release the button on the shoulder anchor so that it locks into position.

4. Without pressing the button, pull on the seat belt webbing and attempt to move the shoulder anchor downward to check that it is locked into position.

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WARNING: Ensure that the seat belt is positioned correctly and that the shoulder anchor is locked into position before driving. Riding in a moving vehicle with the seat belt positioned incorrectly or with the shoulder anchor not locked into position can reduce the effectiveness of the seat belt in a collision. 

To Release a Belt

Hold the belt near the buckle to prevent the belt from retracting too quickly, then press the button on the buckle. The belt retracts automatically. Ensure there is no obstruction that prevents the belt from fully retracting. The belt should not hang loose. If a seat belt does not fully retract, contact Tesla.

Wearing Seat Belts When Pregnant

Do not put the lap or shoulder sections of the seat belt over the abdominal area. Wear the lap section of the belt as low as possible across the hips, not the waist. Position the shoulder portion of the belt between the breasts and to the side of the abdomen. Consult your doctor for specific guidance.



WARNING: If the seat belt is uncomfortable, adjust the seating position instead of wearing the seat belt incorrectly.

WARNING: Never place anything between you and the seat belt to cushion the impact in the event of a collision. 

Seat Belts

Seat Belt Pre-tensioners

The front seat belts are equipped with pre‑tensioners that work in conjunction with the airbags in a collision. The pre‑tensioners automatically retract both the seat belt lower anchor and the upper shoulder webbing, reducing slack in both the lap and diagonal portions of the belts, resulting in reduced forward movement of the occupant.



If the pre-tensioners and airbags did not activate in an impact, this does not mean they malfunctioned. It usually means that the strength or type of force needed to activate them was not present.

The rear outboard seats are equipped with shoulder pre tensioners to retract the seat belt webbing to reduce forward movement of the occupant.

WARNING: Do not bend, sit on, or interfere with the pre-tensioner assembly. Doing so can cause damage that interferes with the proper 

functionality of the seat belt system.

WARNING: Once the seat belt pre-tensioners have been activated, they must be replaced. After any collision, have the airbags, seat belt pre-tensioners and any associated components checked and, if necessary, replaced. 

Testing Seat Belts

To confirm that seat belts are operating correctly, perform these checks on each seat belt.

1. With the seat belt fastened, give the webbing nearest the buckle a quick and forceful pull. The buckle should remain securely locked.

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Seat Belts

2. With the seat belt fastened, give the webbing closest to the door a quick and forceful pull. The permanent seat belt attachment should remain securely locked. Never attempt to remove this attachment.

3. With the belt unfastened, unreel the webbing to its limit. Check that unreeling is free from snags, and visually check the webbing for wear. Allow the webbing to retract, checking that retraction is smooth and complete.

4. With the webbing half unreeled, hold the tongue plate and pull forward quickly. The mechanism should lock automatically and prevent further unreeling.

If a seat belt fails any of these tests, repair immediately. Do not allow occupants to sit in a seat with a failed seat belt.

For information about cleaning seat belts, see Seat Belts on page 184.

Seat Belt Warnings

WARNING: Seat belts should be worn by all occupants at all times, even if driving for a very short distance. Failure to do so increases the risk of injury or death if a collision occurs. 

WARNING: Secure small children in a suitable child safety seat as described in the Owner's Manual. Always follow the child safety seat manufacturer's instructions when installing. 

WARNING: Ensure that all seat belts are worn correctly. An improperly worn seat belt increases the risk of injury or death if a collision occurs. 

WARNING: Never sit on top of any seat belt component. Doing so can cause damage or improper deployment of safety equipment. 

WARNING: Do not wear seat belts over hard, fragile or sharp items in clothing, such as pens, keys, eyeglasses, etc. The pressure from the seat belt on such items can cause injury. 

WARNING: Seat belts should not be worn with any part of the strap twisted. 

WARNING: Each seat belt assembly must be used by one occupant only. It is dangerous to put a seat belt around a child being carried on an occupant’s lap. 

WARNING: Seat belts that have been worn in a collision must be inspected or replaced by Tesla, even if damage to the assembly is not obvious. 

WARNING: Seat belts that show signs of wear, or have been cut or damaged in any way must be replaced immediately. 

WARNING: Avoid contaminating a seat belt’s components with any chemicals, liquids, grit, dirt or cleaning products. If a seat belt fails to retract or latch into the buckle, it must be replaced immediately. Use the mobile app to schedule a service appointment. 

WARNING: Do not make modifications or additions that can prevent a seat belt mechanism from taking up slack, or that can prevent a seat belt from being adjusted to remove slack. A seat belt with slack greatly reduces occupant protection. 

WARNING: Do not make modifications that can interfere with the operation of a seat belt, or that can cause a seat belt to become inoperable. 

WARNING: Do not use after market comfort and convenience products that attach to the seat belts. 

WARNING: When seat belts are not in use, they should be fully retracted and not hanging loose. If a seat belt does not fully retract, schedule a service appointment. 

WARNING: The seat belt system has no user serviceable parts and may contain pyrotechnics. Do not disassemble, remove, or replace components. 

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Seat Children in Rear Seats Only

Child Safety Seats

WARNING: The front passenger seat has an airbag that is always ON and may inflate when a collision occurs. Never seat a child on the front passenger seat, even if using a child restraint system or booster seat. DEATH or SERIOUS INJURY could occur. 

Refer to the following label fitted to the sun visor.



The Passenger Airbag On indicator displays in the top corner of the touchscreen to indicate that the passenger front airbag may inflate if a collision occurs.

Suitability and Fitting of Child Restraint Systems

All Model 3 seat belts are designed for adults. When seating infants and children, you must:

• Use a child restraint system appropriate for the child’s age, weight, or size (see Recommended Child Restraint Systems on page 38).

• Use a child restraint system that is appropriate for the specific seating position in Model 3. Each passenger seat in Model 3 supports a broad range of options. For details on what type of child restraint system can be used in each passenger seat, see Front Passenger Seat on page 40, and Rear Seats on page 41.

• Properly install the child restraint system by following the manufacturer's instructions (see Installing Belt-based Child Restraint Systems on page 42 and Installing ISOFIX Child Restraint Systems on page 42 for general guidelines).

Storage Areas 37

Child Safety Seats

Recommended Child Restraint Systems

Although all weight groups can occupy any passenger seat in Model 3, the type of child restraint system that can be used in each seat can vary. For example, only belt-based child restraint systems (as defined in Two Installation Methods on page 39) can be used in the rear center seat.

Choose a child restraint system that meets AS/NZS 1754. For more information about child seats, go to www.childcarseats.com.au. Child restraint systems purchased outside of Australia may not meet these standards.

WARNING: To ensure safety of infants and children, it is advisable to purchase a new child restraint system. However, if a used child restraint system is necessary, heed these warnings: 

• Do not use a child restraint system that is more than 10 years old.

• Ensure the child restraint system meets AS/NZS 1754. This information should be visible on a label affixed to the child restraint system.

• Confirm that the child restraint system was not being used in a vehicle that was involved in a collision.

• Ensure that all components (buckles, etc.) of the child restraint system operate smoothly and there are no signs of wear or damage (splits, cracks etc.).

• Ensure the harnesses on the child restraint system are not frayed, worn or damaged

• Ensure the child restraint system has an instruction manual.

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Child Safety Seats

Seating Larger Children



If a child is too large to fit into a child restraint system, but too small to be safely secured using the vehicle's seat belts, use a booster seat appropriate for the child’s age and size. When using and installing a booster seat, carefully follow the instructions provided by the manufacturer.

Two Installation Methods

NOTE: Always install child restraint systems by following the instructions provided by the manufacturer of the child restraint system.

Among many other variants, there are two general types of child restraint systems based on how they are secured in the seat:

• Belt-based - secured using the vehicle’s seat belts (see Installing Belt-based Child Restraint Systems on page 42).

• ISOFIX - secured to anchor bars built into the vehicle's seats (see Installing ISOFIX Child Restraint Systems on page 42).

Some child restraint systems can be installed using either method. Refer to the instructions provided by the manufacturer of the child restraint system for detailed installation instructions.

In Model 3, belt-based child restraints can be installed in any rear passenger seat and ISOFIX systems can be installed in either of the rear outboard seats. Specific details about the type of child restraint system that can be used in each seat is provided next.

NOTE: ISOFIX is an international standard for integrated anchors used in passenger vehicles to attach child safety seats.

WARNING: Do not use ISOFIX anchors with child restraint system or booster seats that have an integral safety belt where the combined weight of the child plus the child restraint system exceeds 33 kg. 

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Child Safety Seats

Front Passenger Seat

WARNING: Never seat a child in a rear-facing child restraint system on the front passenger seat. Doing so can cause serious injury or death. 

NOTE: The front passenger seat is not equipped with lower anchor bars to support the installation of ISOFIX child restraint systems. The front passenger seat is also not equipped with an anchor for upper tether straps.



WARNING: A passenger less than four years old must not be seated in the front row of a vehicle that has two or more rows of seats.

WARNING: Children between the ages from four to seven can not travel in the front seat of a vehicle that has two or more rows, unless all rear seats are occupied by younger children seated in approved child restraint systems. In this situation, the oldest or largest child can be seated in the front passenger seat using a booster seat and the seat belt.

WARNING: Children in booster seats must be restrained by a suitable and approved lap and sash type seat belt that is properly adjusted and fastened, or by a suitable and approved child safety harness that is properly adjusted and fastened. 

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Child Safety Seats

Rear Seats



Infants and children can occupy the rear outboard seat using rear-facing belt-based or ISOFIX child restraint systems. Children can use forward-facing child restraint systems when appropriate for their weight, size, and age.

NOTE: To accommodate large rear-facing child restraint systems, you may need to move the corresponding front seat forward, raise the seat upward (2 cm from its lowest position), and angle the seat back as needed.

NOTE: Child safety seats installed in a rear outboard seating position require the use of upper tether straps (see Attaching Upper Tether Straps on page 43).

Larger children can also occupy a rear outboard seat using a booster seat, properly installed as described in the instructions provided by the child restraint system manufacturer.

Model 3 is compatible with child restraint systems Type A, A2, A4, B, D, E, and F.

WARNING: Do not use Easy Entry (as described in Driver Profiles on page 83) to automatically move the driver's seat to the full rearward position if a child safety seat is installed on a rear seat behind the driver's seat. With reduced clearance, the movement of the seat may impact a child's legs, cause injury, or dislodge the seat. 

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Child Safety Seats

Installing Belt-based Child Restraint 

Systems

Always follow the detailed instructions provided by the

manufacturer of the child restraint system. Follow these

general guidelines for belt-based child restraint systems:

• Ensure that the child restraint system is appropriate

for the weight, height, and age of the child.

• Avoid dressing the child in bulky clothing.

• Do not place any objects between the child and the

child restraint system.

• Adjust the child restraint system's harnesses for every

child, every trip.

1. Place the child restraint system in the appropriate

seat and fully extend the seat belt. Route and buckle

the seat belt in accordance with the instructions

provided by the manufacturer of the child restraint

system.



2. Allow the seat belt to retract, and remove all slack in the seat belt while firmly pushing the child restraint system into the Model 3 seat.

3. Attach the upper tether strap(s), as required by the manufacturer of the child restraint system (see Attaching Upper Tether Straps on page 43).

Installing ISOFIX Child Restraint Systems

Model 3's rear outboard seating positions are equipped with ISOFIX anchor bars. These anchor bars are located between the seat's cushion and back rest. The exact location of each anchor bar is identified by a marking (illustrated below) located on the seat back, directly above its associated anchor bars.

To install an ISOFIX child restraint system, carefully read and follow the instructions provided by the manufacturer of the child restraint system. These instructions describe how to slide the child restraint system onto the seat's anchor bars until you hear it "click" into place. You may need to push the child restraint system firmly against the seat back to ensure it fits snugly.

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Adjust until the child restraint system is fitted firmly against the seat back. Ensure the child restraint system fits snugly.



Before seating a child, ensure that the child restraint system is securely installed. Grasp the front of the child restraint system with one hand on each side, and attempt to:

• Twist the child restraint system from side to side. • Pull the child restraint system away from the seat.

Child Safety Seats

If the child restraint system moves away from the seat, both latches are not fully engaged onto the seat's anchor bars. You must reinstall it and try again. It is critical that both latches on the child restraint system are fully engaged.

WARNING: Do not use ISOFIX anchors with child restraint system or booster seats that have an integral safety belt where the combined weight of the child plus the child restraint system exceeds 33 kg. 

Attaching Upper Tether Straps

Model 3's rear seats support the use of upper tether straps. Attach its hook to the anchor point located behind the associated seat.

NOTE: The rear headrests do not move.

NOTE: Tighten upper tether straps according to the instructions provided by the manufacturer of the child restraint system.

The anchor points for tether straps are located on the shelf behind the rear seats.



To access an anchor point, press down on the back of its cover.



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Child Safety Seats

For dual-strap tethers, position a strap on each side of the head support. 



For single-strap tethers at the outboard seating positions, route the strap over the outside-facing side of the head support (same side of the head support as the seat belt retraction mechanism).



For a single strap tether in the rear center seating position, route the strap over the top center of the head support.



For dual strap tether in the rear center seating position, route the straps around each side of the headrest.

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Child Restraint System Warnings

WARNING: Never seat a child in a rear-facing child restraint system on the front passenger seat when the passenger front airbag is active. Doing so can cause serious injury or death. 

WARNING: Some child restraint systems are designed to be secured in vehicle seats by lap belts or the lap belt portion of a lap-shoulder belt. Children could be endangered in a crash if their child restraint systems are not properly secured in the vehicle. 

WARNING:

A passenger less than six months old must be restrained in a suitable and properly fastened and adjusted rear-facing approved child restraint system. A passenger six months or older, but less than four years old, must be restrained in a suitable and properly fastened and adjusted:

• rear-facing approved child restraint system; or,

• forward-facing approved child restraint system equipped with a built-in harness.

Infants and small children should ride in a rear facing child restraint system as long as possible, until they exceed the maximum weight or height permitted by rear-facing child restraint systems.

WARNING: Do not allow a baby or infant to be held on an adult's lap. All children should be restrained in an appropriate child restraint system at all times. 

WARNING: To ensure children are safely seated, follow all instructions provided in this document and by the manufacturer of the child restraint system. 

WARNING: Children should ride in a rear-facing child restraint system using the seat’s integrated 5- point harness for as long as possible until they reach the maximum size or weight limit of the rear-facing child restraint system. 

WARNING: When seating larger children, make sure the child's head is supported and the child’s seat belt is properly adjusted and fastened. The shoulder portion of the belt must be away from the face and neck, and the lap portion must not be over the stomach. 

WARNING: Never attach two child restraint systems to one anchor point. In a collision, one anchor point may be incapable of securing both seats. 

WARNING: Child restraint anchor bars are 

designed to withstand only those loads imposed by correctly fitted child restraints. Under no circumstances are they to be used for adult seat belts, harnesses, or for attaching other items or equipment to the vehicle.

Child Safety Seats

WARNING: Always check harnesses and tether straps for damage and wear. 

WARNING: Never leave a child unattended, even if the child is secured in a child restraint system. 

WARNING: Never use a child restraint system that has been involved in a collision. Discard the seat and have it replaced as described in the child restraint system manufacturer’s instructions. 

Seating and Safety Restraints 45

Airbags

Location of Airbags

Airbags are located in the approximate areas shown below. Airbag warning information is printed on the sun visors.

Model 3 is equipped with an airbag and lap/shoulder belt at both front seating positions. The airbag is a supplemental restraint at those seating positions. All occupants, including the driver, should always wear their seat belts whether or not an airbag is also provided at their seating position to minimize the risk of severe injury or death in the event of a crash.

NOTE: On RHD (Right Hand Drive) vehicles, the locations of the passenger and driver airbags are reversed. 

1. Front airbags

2. Seat-mounted side airbags

NOTE: Your vehicle is also equipped with a seat-mounted airbag on the inside portion of the driver's seat. 3. Curtain airbags

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How Airbags Work

Airbags

Types of Airbags

Airbags inflate when sensors detect an impact that exceeds deployment thresholds. These thresholds are designed to predict the severity of a crash in time for the airbags to help protect the vehicle's occupants. Airbags inflate instantly with considerable force accompanied by a loud noise. The inflated bag, together with the seat belts, limits movement of occupants to reduce the risk of injury.

Front airbags are not ordinarily designed to inflate in rear collisions, rollovers, side collisions and when braking heavily or driving over bumps and potholes. Likewise, front airbags may not inflate in all frontal collisions, such as minor front collisions, underride collisions, or minor impacts with narrow objects (such as posts or poles). Significant superficial damage can occur to the vehicle without the airbags inflating and, conversely, a relatively small amount of structural damage can cause airbags to inflate. Therefore, the external appearance of the vehicle after a collision does not represent whether or not the front airbags should have inflated.

WARNING: Before modifying your vehicle to accommodate a person with disabilities in a way that may affect the airbag system, use the mobile app to schedule a service appointment. 

Passenger Front Airbag

Model 3 has the following types of airbags:

• Front airbags: The front airbags are designed to reduce injuries if larger children or adults are riding in the front seats. Follow all warnings and instructions related to seating a child on the front passenger seat (if permitted in your market region). See Child Safety Seats on page 37.

• Seat-mounted side airbags: A seat-mounted side airbag in the front seats helps protect the pelvis and the thorax region of the torso; the seat-mounted far side airbag in the inside portion of the driver’s seat helps protect the head and torso. The seat-mounted side airbags on both the impacted and non-impacted side of the vehicle will inflate in the event of severe side impact or severe offset frontal impact.

• Curtain airbags: Curtain airbags help protect the head. Curtain airbags on both the impacted and non impacted side of the vehicle will inflate only if a severe side impact occurs, or if the vehicle rolls over.

Model 3 has a passenger front airbag that is always ON. Children must ride in the rear seats only.

The Passenger Airbag On indicator displays in the top corner of the touchscreen to indicate that the passenger front airbag may inflate if a collision occurs. 

WARNING: The front passenger seat has an airbag that is always ON. Never seat a child in the front passenger seat, even if using a child restraint system or booster seat. DEATH or SERIOUS INJURY can occur. 

Inflation Effects

WARNING: When airbags inflate, a fine powder is released. This powder can irritate the skin and should be thoroughly flushed from the eyes and from any cuts or abrasions. 

After inflation, the airbags deflate to provide a gradual cushioning effect for the occupants and to ensure the driver’s forward vision is not obscured.

If airbags have inflated, or if your vehicle has been in a collision, your vehicle requires servicing before it will power up. In addition, your airbags, seat belt pre tensioners and any associated components must be checked, and if necessary, replaced. Use the mobile app to schedule a service appointment immediately.

In a collision, in addition to the airbags inflating: • Doors unlock.

• Hazard warning lights turn on.

• Interior lights turn on.

• High voltage is disabled.

• Windows go to the vent position.

• Vehicle applies the brakes to come to a stop.

NOTE: Depending on the nature of the impact and the forces involved, doors may not unlock in a collision and/or damage may prevent them from opening. In such cases, the door may need to be opened using the interior manual release, or other means of extrication (for example, exiting through another door, breaking the window, etc.).

NOTE: In some collisions, even if airbags did not inflate, high voltage may be disabled and you will be unable to power up and drive. Use the mobile app to schedule a service appointment immediately.

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Airbags

Airbag Warning Indicator

The airbag indicator on the touchscreen 

remains lit if the airbag system is

malfunctioning. The only time this indicator should light up is briefly when Model 3 first

powers up, in which case it turns off within a few seconds. If it remains lit, use the

mobile app to schedule a service

appointment immediately and do not drive. Airbag Warnings

WARNING: All occupants, including the driver, should always wear their seat belts, whether or not an airbag is also provided at their seating position, to minimize the risk of severe injury or death in the event of a collision. 

WARNING: Front seat occupants should not place their arms over the airbag module, as an inflating airbag can cause fractures or other injuries. 

WARNING: Do not use seat covers on Model 3. Doing so could restrict deployment of the seat mounted side airbags if a collision occurs. It can also reduce the accuracy of the Occupant 

Classification System (OCS), if equipped.

WARNING: Airbags inflate with considerable speed and force, which can cause injury. To limit injuries, ensure that occupants are wearing seat belts and are correctly seated, with the seat positioned as far back as possible. 

WARNING: Children should not be seated on the front passenger seat unless permitted by 

regulations in your market region. Follow all regulations in your region for the appropriate way to seat a child based on the child's weight, size, and age. The safest place to seat infants and young children is in a rear seating position. Seating an infant or child in a rear-facing child restraint system on a seat equipped with an operational airbag can cause serious injury or death.

WARNING: Do not use a rear-facing child restraint system on a seat with an operational airbag in front of it. Doing so can cause injury or death if the airbag inflates. 

WARNING: To ensure correct inflation of the side airbags, maintain an unobstructed gap between an occupant’s torso and the side of Model 3. 

WARNING: Passengers shouldn't lean their heads against doors or windows. Doing so can cause injury if a curtain airbag inflates. 

WARNING: Do not allow passengers to obstruct the operation of an airbag by placing feet, knees or any other part of the body on or near an airbag. 

WARNING: Do not attach or place objects on or near the front airbags, the side of the front seats, the headliner at the side of the vehicle, or any other airbag cover that could interfere with inflation of an airbag. These include but are not limited to: steering wheel covers, decals, seat cushions, pillows, etc. Objects can cause serious injury if the vehicle is in a collision severe enough to cause the airbag to inflate. 

WARNING: Following inflation, some airbag components are hot. Do not touch until they have cooled. 

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The Tesla mobile app allows you to communicate with Model 3 remotely using your iPhone® or Android™ phone.

NOTE: The information below may not represent an exhaustive list of the functions available on the Tesla mobile app. To ensure access to new and improved features, download updated versions of the mobile app as they become available.

To Use the Mobile App

To set up the Tesla mobile app to communicate with your Model 3:

1. Download the Tesla mobile app to your phone.

2. Log in to the Tesla mobile app by entering your Tesla account credentials.

3. Enable mobile access to your Model 3 by touching Controls > Safety > Allow Mobile Access.

4. Turn your phone's Bluetooth setting ON and ensure that Bluetooth is turned on within your phone's global settings for the Tesla mobile app. For example, on your phone, navigate to Settings, choose the Tesla mobile app, and ensure the Bluetooth setting is enabled.

Your phone and vehicle must both be actively connected to cellular service or Wi-Fi for the mobile app to communicate with your vehicle. Tesla recommends that you always have a functional physical key readily available if parking in an area with limited or absent cellular service, such as an indoor parking garage.

NOTE: In the event that you require lockout assistance from Tesla due to a non-warranty issue, such as having limited cellular connectivity and having no secondary key available, your expenses are not covered under the Roadside Assistance policy.

NOTE: Tesla does not support the use of third party applications to contact Model 3.

Overview

When both your phone and the vehicle have internet service, the Tesla mobile app's home screen allows you to:

• Lock or unlock your vehicle.

• Enable or disable the heating or air conditioning and monitor the cabin climate.

• Check your vehicle's charging information. Charging details also appear when a charging cable is plugged in.

• Open or close the charge port.

NOTE: Twisting red lines next to the Battery icon indicate that the Battery is actively heating up (including while charging or preparing to charge).

Mobile App

• See where your vehicle is located.

• View your vehicle’s estimated range.

• Open the front trunk.

• View your vehicle’s odometer, VIN, and current software version.

Media settings appear on the mobile app to pause, play, rewind, fast forward, and adjust the volume of the media currently playing in the vehicle. You may need to enable

Media settings by touching Audio Settings > Options > Allow Mobile Control.

For supported video sources, send videos to Tesla Theater by sharing the link through the mobile app. Navigate to the movie, show, or video you want to play on your phone and touch the share button. Share the video with the Tesla app and it appears on the touchscreen if Model 3 is in Park.

Profile

In the Profile tab located at the top corner, you can:

• Switch to a different vehicle associated with your Tesla account, if you have access to more than one.

• Navigate the Tesla Shop.

• Manage your account information and view your order history.

• View and customize notifications you receive under the Settings tab, such as Calendar sync, when your security alarm has been triggered, charging updates, and new software updates. You can start updates from afar and check its progress.

Controls

The Controls tab allows you to do the following:

• Open the front or rear trunk.

• Lock or unlock Model 3 from afar.

NOTE: Your vehicle does not automatically re-lock if you unlock from the mobile app.

• Open or close the charge port.

• Flash the lights or honk the horn to find where Model 3 is parked.

• Enable Keyless Driving.

NOTE: Keyless Driving can be used when you do not have your key or to bypass PIN to Drive in cases where you forgot your PIN or your touchscreen is unresponsive (see PIN to Drive on page 132).

• Open and close your garage door if your vehicle has a programmed HomeLink connection, if available (see Smart Garage on page 57).

• Vent the windows.

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Mobile App

Climate

You can check the interior temperature and heat or cool the cabin before driving (even if it’s in a garage), control the seat heaters, and defrost the windshield:

• Enable or disable Defrost Car, which helps melt snow, ice, and frost on the windshield, windows, and mirrors, by swiping up from the bottom of the screen.

• Enable or disable Dog Mode or Camp Mode.

• Enable Cabin Overheat Protection, which prevents the cabin from getting too warm in hot ambient conditions. You can choose whether you want the A/C or just the fan to run when the temperature in the cabin exceeds 40° C or the selected temperature (if available). See Operating Climate Controls on page 139 for more information.

• Vent or close the windows.

•

Using the mobile app to precondition Model 3 also warms the Battery as needed. The mobile app will notify you once your vehicle has reached the desired preconditioning temperature.

NOTE: In some vehicles, depending on vehicle specifications and date of manufacture, using the mobile app to defrost Model 3 also thaws ice on the charge port latch. This is useful in extremely cold weather or icy conditions in which the charge port latch can freeze in place, preventing you from removing or inserting the charge cable.

Location

Locate Model 3 with directions, or track its movement across a map.

Summon

You can park or retrieve Model 3 using Summon (see Summon on page 114) or Smart Summon (see Smart Summon on page 116).

Schedule

Enable scheduled charging or departure, and precondition the vehicle. See #unique\_183 on page for more information. Scheduled charging or departure can also be saved based on a preferred location.

Security

The Security tab allows you to do the following:

• Pair your phone to the vehicle (see Phone Key on page 19).

• Enable or disable Sentry Mode (see How to Use Sentry Mode (Camera + App) on page 136).

• Enable or disable Valet Mode (see Valet Mode on page 84).

• Enable or disable Speed Limit Mode and receive notifications when the vehicle's driving speed is within approximately 5 km/h of your selected maximum speed (see Speed Limit Mode on page 132).

Upgrades

View and purchase the latest upgrades available for your vehicle, such as full self-driving.

Service

See Schedule Service on page 174 for information on how to schedule service through the mobile app.

Roadside

View roadside resources and request roadside assistance (where applicable). For more information on Roadside Assistance, see Contacting Tesla Roadside Assistance on page 206.

Granting Access to a Second Driver

Add and remove access permission for an additional driver from the Tesla mobile app.

NOTE: Tesla mobile app version 4.3.1 or higher is required. Additional drivers can either use a previously registered Tesla Account or use the app to create a new Tesla Account.

To add an additional driver, in the Tesla mobile app from the vehicle home screen, go to Security > Add Driver and follow the onscreen instructions.

NOTE: The additional driver has access to all app features except purchasing upgrades.

To remove access, use the mobile app and go to Security > Manage Drivers and follow the onscreen instructions.

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Wi-Fi

Wi-Fi is available as a data connection method and is

often faster than cellular data networks. Connecting to

Wi-Fi is especially useful in areas with limited or no

cellular connectivity. To ensure fast, reliable delivery of

software and map updates, Tesla recommends leaving

Model 3 connected to a Wi-Fi network whenever

possible (for example, when parked at home).

To connect to a Wi-Fi network:

1. Touch Controls > Wi-Fi icon at the top of the

Controls screen. Model 3 begins to scan and display

detected Wi-Fi networks that are within range.

When connected to Wi-Fi, the Wi-Fi icon displays at

the top of the touchscreen.

NOTE: If a known Wi-Fi network does not appear in

the list, move Model 3 closer to the access point or

consider using a range extender.

NOTE: When connecting to a 5GHz network (if

available), check which channels are supported in

your region.

5GHz Network Channels Supported

| 36-48 | 52-64 | 100-140 | 149-165 |
| --- | --- | --- | --- |
|  |  | ✓ | ✓ |

2. Select the Wi-Fi network you want to use, enter the

password (if necessary), then touch Confirm.

NOTE: Model 3 does not currently support

connections to captive Wi-Fi networks (a captive Wi

Fi, commonly used by public hotspots, requires you

to access a custom web portal and agree to terms of

service prior to allowing you to log in).

3. Model 3 connects to the Wi-Fi network. Whenever

the network is within range, Model 3 connects to it

automatically.

You can also connect to a hidden network that isn't

shown on the list of scanned networks. Just touch Wi-Fi

Settings, enter the name of the network in the resulting

dialog box, select the security setting, then touch Add

Network.

NOTE: If more than one previously connected network is

within range, Model 3 connects to the one most recently

used.

NOTE: At Tesla Service Centers, Model 3 automatically

connects to the Tesla Service Wi-Fi network.

Hotspots and Connectivity

You can also use a mobile hotspot or your phone's

Internet connection via Wi-Fi tethering (subject to fees

and restrictions of your mobile carrier) to access the

internet. To remain connected to Wi-Fi when shifting

into Drive or Reverse, choose the connection from the

Wi-Fi settings screen, then touch Remain connected in

Drive.

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Bluetooth

Bluetooth® Compatibility

You can use various Bluetooth devices in 

Model 3 provided it is paired and within

operating range. For example, you can pair your Bluetooth-capable phone so you can

use it hands-free. In addition to phones,

you can pair other Bluetooth-enabled

devices with Model 3. For example, you can pair an iPod Touch, iPad, Android tablet,

etc. from which you can play music.

Before using your phone or other Bluetooth device with Model 3, you must pair it. Pairing sets up Model 3 to communicate with supported Bluetooth-capable devices. You can pair up to ten Bluetooth phones. Unless you've specified a specific phone as a Priority Device, or if the phone specified as Priority Device is not within range, Model 3 always connects to the last phone that was used (provided it is within range). To connect to a different phone, see Connecting to a Paired Device on page 53.

NOTE: Authenticating your phone to use as a key (see Keys on page 19) does not also allow you to use the phone hands-free, play media from it, etc. You must also pair it as described below.

NOTE: On many phones, Bluetooth turns off if the phone’s battery is low.

NOTE: Although Bluetooth typically supports wireless communication over distances of up to approximately nine meters, performance can vary based on the phone, or other device, you are using.

Pairing a Bluetooth Device

Pairing allows you to use your Bluetooth-capable phone hands-free to make and receive phone calls, access your contact list, recent calls, etc. It also allows you to play media files from your phone. Once a phone is paired, Model 3 can connect to it whenever the phone is within range.

To pair a phone, follow these steps while sitting inside Model 3:

1. Ensure both the touchscreen and the phone are powered on.

2. On your phone, enable Bluetooth and ensure it is discoverable.

NOTE: On some phones, this may require you to go to Bluetooth Settings for the remainder of the procedure.

3. Touch the Bluetooth icon located at the top of the Controls screen.

4. On the touchscreen, touch Add New Device > Start Search. The Bluetooth settings screen displays a list of all available Bluetooth devices within operating distance.

5. Choose the phone (or device) with which you want to pair. When pairing a phone, the Bluetooth settings screen displays a randomly generated number. Your phone also display a number.

6. Check that the number displayed on your phone matches the number on the Bluetooths settings screen. Then, on your phone, confirm that you want to pair.

7. If prompted on your phone, specify whether you want to allow Model 3 to access your personal information, such as calendar, contacts and media files (see Importing Contacts and Recent Calls on page 52).

If you are experiencing issues importing or connecting to Bluetooth, see Troubleshooting Bluetooth on page 53 for more information.

When paired, Model 3 automatically connects, and the Bluetooth settings screen displays the Bluetooth symbol next to the device name to indicate that the connection is active.

You can display the Bluetooth settings screen at any time and change the settings associated with a connected device. For example, you can designate a connected phone as the Priority Device. This is useful in situations where you have connected more than one phone, and both phones are frequently used in Model 3 at the same time. Model 3 automatically attempts to connect to the priority device before others. If a priority device is not specified, or is not within range, Model 3 connects to the most recently used phone (if applicable).

Importing Contacts and Recent Calls

Once a phone is paired, use the Bluetooth settings screen to specify whether you want to allow access to your phone’s contacts, recent calls and text messages. If you allow access, you can use the phone app to make calls and send messages to people in your list of contacts and on your recent calls list (see Phone, Calendar, and Web Conferencing on page 55). Before contacts can be imported, you may need to either set your phone to allow syncing, or respond to a popup on your phone to confirm that you want to sync contacts. This varies depending on the type of phone you are using. For details, refer to the documentation provided with your phone.

If you are having trouble importing contacts or paiting with Bluetooth, see Troubleshooting Bluetooth on page 53 for more information.

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NOTE: You can turn access to your contacts and recent calls on or off at any time by touching the Bluetooth icon on the touchscreen, choosing your phone, and then changing the associated access settings.

Unpairing a Bluetooth Device

If you want to disconnect your phone, or Bluetooth device, and use it again later, simply touch Disconnect on the Bluetooth settings screen. If you no longer want to use your device with Model 3, touch Forget This Device. Once you forget a device, you must pair it again if you want to use it with Model 3 (see Pairing a Bluetooth Device on page 52).

NOTE: Your phone automatically disconnects when you leave Model 3.

NOTE: Unpairing the phone has no effect on using the phone as a key. To forget an authenticated phone, see Managing Keys on page 20.

Connecting to a Paired Device

Model 3 automatically connects to a phone that you designated as Priority Device on the Bluetooth settings screen. If you have not set a phone as a priority, Model 3 connects to the last phone to which is was connected, provided it is within operating range and has Bluetooth turned on. If the last phone is not within range, it attempts to connect with the next phone that it has been paired with.

To connect to a different phone, touch the Bluetooth icon at the top of the Controls screen. The Bluetooth settings screen displays a list of paired phones. Choose the phone you want to connect to, then touch Connect. If the phone you want to connect to is not listed, you must pair the phone. See Pairing a Bluetooth Device on page 52.

When connected, the Bluetooth settings screen displays the Bluetooth symbol next to the phone's name to show that Model 3 is connected to the phone.

Troubleshooting Bluetooth

Your vehicle uses Bluetooth and BLE (Bluetooth Low Energy) to seamlessly connect your smartphone to Model 3. Due to several potential factors, Bluetooth or BLE may sometimes disconnect or experience issues in the pairing process. Connecting to Bluetooth allows your vehicle to use phone functions such as audio, phone calls, calendars, text messages, etc.

BLE is used for passive functions like phone key.

NOTE: Do not unpair your vehicle to your phone or remove it as phone key without a working key card nearby.

Try the following to troubleshoot Bluetooth, starting with your smartphone.

Bluetooth

Smartphone Troubleshooting

Bluetooth may not connect due to settings and updates on your smartphone:

• Enable Bluetooth on your phone. If already enabled, disable and re-enable Bluetooth again.

• Ensure Airplane Mode is turned off.

• Charge your phone; if your phone battery is too low, it may not support Bluetooth functions.

• Pair your device properly. If already paired, try unpairing and re-pairing again.

• Update your phone to the latest software provided by the manufacturer.

• Check that your vehicle's sound system is selected as the audio output source.

• Ensure your phone's settings allow for Bluetooth (ex: data is turned on or you are connected to Wi-Fi).

• Turn your phone off and on again.

• Ensure location permissions set to “Always On” for the mobile app.

Tesla Mobile App Troubleshooting Check the Tesla mobile app:

• Confirm the Tesla mobile app is up to date on software.

• Verify you're logged into the Tesla mobile app while using your phone key.

• Ensure the Tesla app is running in the background.

• Double check that you have completely set up your profile in the mobile app and properly configured your settings.

Vehicle Troubleshooting

Your vehicle's settings may affect its ability to pair with your smartphone:

• Charge Model 3: If the vehicle Battery is too low, you may lose Bluetooth function.

• Update vehicle software and make sure it is always up to date. Check for new software updates available by navigating to Controls > Software

• Reboot your vehicle (see Restarting the Touchscreen on page 8 for more information).

If Bluetooth still does not work, unpair from your vehicle AND smartphone. Then try re-pairing both again.

Connectivity 53

Bluetooth

For BLE phone key issues, when in the vehicle, navigate

to Controls > Locks and remove your phone as "Phone

as Key". Then set it back up again. But only do this while

you are in the vehicle and have a reliable back up key

available (such as a key card).

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Phone, Calendar, and Web Conferencing NOTE: You can also make a phone call by touching a pin

Using the Phone App

When your phone is connected to Model 3 

using Bluetooth (see Bluetooth on page

52), and you have allowed access to

information on your phone (see Importing

Contacts and Recent Calls on page 52),

you can use the phone app to display and

make a hands-free call to anyone listed on

your phone.

• Calls: Displays recent calls in chronological order with the most recent call listed first.

• Messages: Displays message in chronological order with the most recent message listed first. You can view, send, and receive text messages. Instead of

typing a text message, touch the microphone button on the right side of the steering wheel to enter text using your voice.

WARNING: To minimize distraction and ensure the safety of occupants as well as other road users, do not view or send text messages when the vehicle is in motion. Pay attention to road and traffic conditions at all times when driving. 

• Contacts: Contacts are listed in alphabetical order and can be sorted by first name or last name. You can also choose a letter on the right side of the list to quickly scroll to the names that begin with the selected character. When you touch a name on your contacts list, the contact's available number(s) displays on the right pane, along with other available information (such as address). Touch the contact's number to make a call.

• Favorites: Displays the contacts from your phone that you have identified as Favorites.

• Calendar: Displays calendar entries from your phone (see Calendar on page 55). If an entry includes a phone number or an address, you can make a phone call, or navigate to a destination, by touching the corresponding information in the calendar entry.

Making a Phone Call

You can make a phone call by:

• Speaking a voice command (see Voice Commands on page 16). Voice commands are a convenient, hands free way to call or text your contacts.

• Touching a phone number shown in a list in the phone app - Contacts, Calls, or Calendar.

• Using the Model 3 on-screen dialer in the Phone app.

NOTE: If it is safe and legal to do so, you can also initiate a call by dialing the number or selecting the contact directly from your phone.

on the map and choosing the phone number (if available) on the popup screen.

Receiving a Phone Call

When your phone receives an incoming call, the touchscreen displays the caller’s number or name (if the caller is in your phone’s contact list and Model 3 has access to your contacts).

Touch one of the options on the touchscreen to Answer or Ignore the call. Depending on the phone you are using and what speakers you used for your most recent call, your phone may prompt you to choose which speakers you want to use for the incoming call.

WARNING: Stay focused on the road at all times while driving. Using or programming a phone while driving, even with Bluetooth enabled, can result in serious injury or death. 

WARNING: Follow all applicable laws regarding the use of phones while driving, including, but not limited to, laws that prohibit texting and require hands-free operation at all times. 

In Call Options

When a call is in progress, the call menu displays on the touchscreen. Roll the right scroll button to choose an option. To adjust the call volume, roll the left scroll button during a call.

Calendar

The calendar displays scheduled events 

from your phone’s (iPhone® or Android™)

calendar for the current and next day. The

calendar is conveniently integrated with

the phone app so you can dial into your

meeting from a Calendar entry. It is also

integrated with the navigation system so

you can navigate to the event's location.

1. Ensure your phone is paired to Model 3.

2. Ensure your are logged into the Tesla mobile app.

3. In your Tesla mobile app, touch Profile > Settings > Calendar Sync.

NOTE: To ensure you have access to all of the calendar's features, it is recommended that you use the most recent version of the mobile app.

4. On your phone, go to Settings and allow access/give permission to share your calendar with the Tesla mobile app. The mobile app can then periodically (and automatically) send calendar data from your phone to Model 3.

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Phone, Calendar, and Web Conferencing

If a calendar event includes an address, a navigation

arrow displays to indicate that you can touch the

address to navigate to the event's location.

If an event has a uniquely specified address and takes

place within two hours of you entering your vehicle and

preparing to drive, Model 3 automatically routes you to

the event's address (see Automatic Navigation on page

151).

Touch an event's information icon to display all notes

associated with the event. If the notes include one or

more phone numbers, the information icon shows a

phone icon and the calendar displays the first phone

number found. Touch to initiate a phone call. You can

also initiate a phone call by touching any number in an

event's notes popup screen (this is especially useful for

conference calls). If notes include a web link, you can

touch the link to open it in the Web browser.

Zoom

Seamlessly take meetings and calls 

through your vehicle's touchscreen. To set

up, touch the Zoom app and sign in or

enter the meeting ID. You can even access

meetings shown on your calendar or in text

messages by touching the Zoom link. Your

vehicle's cabin camera can be used in calls

over Zoom only when Model 3 is Parked.

When the vehicle is shifted out of Park in

the middle of a Zoom call, the cabin

camera turns off and you switch to audio

only. Use the touchscreen to turn on/off

the video, mute/unmute yourself, and

customize various preferences for your

meeting.

WARNING: Do not to use the video function when 

the vehicle is “temporarily parked” on a public

road (such as when the vehicle is parked along the

curb or in a spot that is not a designated parking

spot)..

WARNING: Stay focused on your surroundings and 

follow all applicable laws while driving, including,

but not limited to, laws that require hands-free

operation at all times.

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HomeLink Universal Transceiver

If your vehicle is equipped with the 

HomeLink® Universal Transceiver, you can

operate up to three Radio Frequency (RF)

devices, including garage doors, gates,

lights, and security systems.

NOTE: Depending on date of manufacture, market region, and options selected at time of purchase, some vehicles are not equipped with a HomeLink Universal Transceiver.

WARNING: Do not use the HomeLink Universal Transceiver with a device that does not have safety stop and reverse features. Using a device without these safety features increases the risk of injury or death. 

Supported Modes

HomeLink supports three different transmit modes, which is how your vehicle and the RF device communicate. Selecting a transmit mode is determined by your RF device's compatibility:

• Standard Mode: Use Standard Mode if your RF device is equipped with a remote control that must be used to operate the device (for example, a remote controlled garage door). This mode is the most commonly used transmit mode for HomeLink devices.

• D-Mode or UR-Mode: Use D-Mode or UR-Mode if the RF device does not have a remote control, and the receiver has a "Learn" button (may also be called "Program" or "Smart"). D-Mode and UR-Mode function similarly in that Model 3 communicates directly with the device's receiver as opposed to the remote control.

NOTE: D-Mode is used primarily in North America whereas UR-Mode is popular in Europe, the Middle East, and Asia. To determine the mode your device is compatible with, contact HomeLink

(www.homelink.com or call 1-800-355-3515).

Each of your devices can be set to a different mode. For example, your garage door can be set to Standard Mode, your front gate can be set to D-Mode, etc. To change a transmit mode, touch the HomeLink icon at the top of the Controls screen and select the device you want to change. Then, select Program and choose the desired mode for your device. Confirm by touching Set Mode and follow the onscreen instructions.

For older vehicles, changing the mode for one device changes the mode for all devices, so be careful when changing transmit modes. Devices not compatible with your selected mode may not work. Touch the HomeLink icon at the top of the touchscreen, then touch Change Transmit Mode.

Smart Garage

NOTE: Check the product information for your HomeLink device to determine which mode is compatible with your device.

Programming HomeLink

To program HomeLink®:

1. Park Model 3 so that the front bumper is in front of the device you want to program.

CAUTION: Your device might open or close during programming. Therefore, before 

programming, make sure that the device is clear of any people or objects.

2. Check that the device's remote control has a healthy battery. Tesla recommends replacing the battery in the device's remote control before Programming HomeLink.

3. Touch the HomeLink icon at the top of the Controls screen.

4. Touch Create HomeLink.

5. On the HomeLink screen, enter a name for the device, then touch Enter or Add New HomeLink.

6. Choose the mode you wish to use (Standard, D Mode, or UR-Mode), then touch Set Mode.

7. Touch Start and follow the onscreen instructions.

NOTE: If you see a screen called “Train the receiver” while programming the device, remember that this is a time-sensitive step. After pressing the Learn/ Program/Smart button on the device's remote control, you have only approximately 30 seconds to return to your vehicle and press Continue, and then press the trained HomeLink device name twice. Consider having an assistant to ensure you can complete this step within 30 seconds.

8. Once your device is programmed, touch Save to complete the programming.

9. Ensure HomeLink works as expected. In some cases, you may need to repeat the programming process multiple times before succeeding.

Once programmed, you can operate the device by touching its corresponding HomeLink icon on the touchscreen. HomeLink remembers the location of your programmed devices. When you approach a known location, the HomeLink control on the touchscreen automatically appears. When you drive away, it disappears.

NOTE: The HomeLink icon displays at the top of the touchscreen when Model 3 detects a programmed HomeLink device within range, and the touchscreen is not already displaying the HomeLink screen or popup,

NOTE: For additional assistance or compatibility questions, contact HomeLink (www.homelink.com or call 1-800-355-3515).

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Smart Garage

Auto Opening and Closing

To operate a HomeLink device without using the touchscreen, you can automate the device to open as you approach, and close as you drive away:

1. Touch the HomeLink icon at the top of the Controls screen, touch HomeLink Settings, then choose the device you want to automate.

2. Adjust the device's HomeLink settings as needed: ◦ Select the Auto-open when arriving checkbox if you want the device to open as you approach.

◦ Touch the arrows to specify the distance you want Model 3 to be from the device before it opens.

◦ Select the Auto-close when leaving checkbox if you want the device to close as you drive away.

◦ Select the Auto-fold mirrors checkbox if you want mirrors to fold when you arrive at the HomeLink location. This is useful for narrow garages.

◦ Select the Chime for Auto-open and Auto-close checkbox if you want Model 3 to sound a chime when a signal has been sent to open or close the device.

As you approach (or drive away from) a device that is set to operate automatically, the HomeLink status icon displays a count-down message to let you know when the device automatically opens or closes. In situations

where you don't want the device to automatically open or close, touch Skip Auto-Open or Skip Auto-Close at any time during the count-down message.

NOTE: Do not rely on HomeLink to ensure the device fully closes.

Resetting the Location of the HomeLink Device

If you experience situations in which you sometimes drive up to your HomeLink device and it doesn't open, or the touchscreen does not display a notification as you approach a programmed device, you may need to reset the device's location. To do so, park as close as possible to the HomeLink device (garage door, gate, etc.) and display the HomeLink settings page by touching the HomeLink icon at the top of the Controls screen. Touch the name of the device you want to reset, then touch Reset Location.

Deleting a Device

To delete a HomeLink device, touch the HomeLink icon at the top of the Controls screen, then touch HomeLink Settings. Touch the name of the device you want to delete, then touch Delete.

NOTE: You can also perform a factory reset to erase your HomeLink settings, along with all other personal data (saved addresses, music favorites, imported contacts, etc.). See Erasing Personal Data on page 10.

NOTE: For security reasons, delete your HomeLink devices if you sell your Model 3.

Troubleshooting HomeLink

Standard Mode

In Standard Mode, Model 3 records the RF signal from your HomeLink device's remote control. The touchscreen instructs you to stand in front of the vehicle, point the device's remote control at the front bumper, and press and hold the button until the headlights flash. When the headlights flash, Model 3 has learned the remote control and you can touch Continue on the touchscreen. If the headlights do not flash:

• Check the batteries in the remote control. It is a good idea to replace the batteries before you start programming.

• Ensure you are standing in front of Model 3 with the device's remote control positioned within five cm of the Tesla emblem.

• Press and hold the button on your device's remote control until the headlights flash. In some cases you must hold the button on the remote control for up to three minutes.

NOTE: Some HomeLink remote controls require multiple short presses (approximately one second each press) instead of one long duration press. If you are unsuccessful after multiple attempts of using long presses, try repeated presses of one second each.

D-Mode and UR-Mode

In D-Mode and UR-Mode, the device’s receiver learns Model 3. The touchscreen instructs you to press the "Learn" button (may also be called "Program" or "Smart") on the device's receiver. If this does not work, refer to the following guidelines:

• Park Model 3 with its bumper as close as possible to the garage door, gate, etc. that you are trying to program.

• Make sure you are pressing the receiver's Learn/ Program/Smart button. For instructions on how to put the receiver into learning mode, refer to the product details provided with your RF device that you are trying to program.

• If you see a screen called "Train the receiver" while programming the device, remember that this is a time-sensitive step. After pressing the Learn/ Program/Smart button on the device's remote control or receiver, you only have approximately 30

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Smart Garage

seconds to return to your vehicle, press Continue,

then press the trained HomeLink device name twice.

Consider having someone assist you with this step.

• Most devices stay in learning mode for only three to

five minutes. Immediately after pressing the device's

Learn/Program/Smart button, follow the instructions

displayed on the vehicle's touchscreen.

For additional assistance or compatibility questions,

contact HomeLink (www.homelink.com or call

1-800-355-3515).

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Starting and Powering Off Starting 

When you open a door to enter Model 3, the

touchscreen powers on and you can operate all controls. To shift Model 3, press the brake pedal and swipe up for Drive or down for Reverse on the touchscreen's drive mode strip (see Shifting on page 68).

If Auto Shift out of Park is enabled, Model 3

automatically selects Drive or Reverse based on the detected surroundings . Pressing the brake pedal shifts the vehicle into the selected drive mode displayed on the touchscreen's drive mode strip (provided the driver's door is closed and the driver's seat belt is buckled), and pressing the accelerator moves the vehicle in that direction.

NOTE: To turn Auto Shift out of Park on or off, touch Controls > Pedals & Steering > Auto Shift out of Park.

Before accelerating when Auto Shift out of Park is enabled, check the touchscreen to make sure that Model

3 has shifted into the drive mode you want (Drive or Reverse). If the selection is not correct, or if Auto Shift out of Park is not enabled, swipe up for Drive or down for Reverse on the touchscreen's drive mode strip to choose a new drive mode. See Shifting on page 68.

NOTE: If PIN to Drive is enabled (see PIN to Drive on page 132), you must enter a valid PIN on the touchscreen before you can drive Model 3.

Everything you need to know when driving Model 3 displays on the touchscreen.

Drive Disabled - Requires Authentication

If Model 3 does not detect a key when you press the brake (a phone key is not detected or two minutes have passed since you used the key card), the touchscreen displays a message telling you that driving requires authentication.

If you see this message, place the key card in either phone dock where the RFID transmitter can read it. The two-minute authentication period restarts and you can start Model 3 by pressing the brake pedal.

A number of factors can affect whether Model 3 can detect a phone key (for example, the device's battery is low or dead and is no longer able to communicate using Bluetooth).

Always keep your phone key or a key card with you. After driving, your key is needed to restart Model 3. And when you leave the vehicle, you must bring your key with you to lock Model 3, either manually or automatically.

Powering Off

When you finish driving and shift into Park, simply exit the vehicle. When you leave Model 3 with your phone key, it powers off automatically, turning off the touchscreen.

Model 3 also powers off automatically after being in Park for 30 minutes, even if you are sitting in the driver’s seat.

Although usually not needed, you can power off Model 3 while sitting in the driver’s seat, provided the vehicle is not moving. Touch Controls > Safety > Power Off. Model 3 automatically powers back on after a short period if you press the brake pedal or touch the touchscreen.

NOTE: Model 3 automatically shifts into Park whenever it determines that you are exiting the vehicle (for example, the driver's seat belt is unbuckled and the vehicle is almost at a standstill). If you shift into Neutral, your vehicle shifts into Park when you open the door to exit. To keep your vehicle in Neutral, you will need to activate Transport Mode (see Instructions for Transporters on page 203).

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Power Cycling the Vehicle

Starting and Powering Off

You can power cycle Model 3 if it demonstrates unusual

behavior or displays a nondescript alert.

NOTE: If the touchscreen is unresponsive or

demonstrates unusual behavior, reboot it before you

power cycle the vehicle (see Restarting the Touchscreen

on page 8).

1. Shift into Park.

2. On the touchscreen, touch Controls > Safety > Power

Off.

3. Wait for at least two minutes without interacting with

the vehicle. Do not open the doors, touch the brake

pedal, touch the touchscreen, etc.

4. After two minutes, press the brake pedal or open the

door to wake the vehicle.

Driving 61

Steering Wheel

Adjusting the Steering Wheel

Position

To adjust the steering wheel, touch Controls and touch

the Steering icon.

Use the left scroll button on the steering wheel to move

the steering wheel to the desired position:

• To adjust the height/tilt angle of the steering wheel,

roll the left scroll button up or down.

• To move the steering wheel closer to you, or further

away from you, press the left scroll button to the left

or right.



WARNING: Do not make steering wheel

adjustments while driving.

Adjusting Steering Effort

You can adjust the feel and sensitivity of the steering

system to suit your personal preference:

1. On the touchscreen, touch Controls > Pedals &

Steering > Steering Mode.

2. Choose a steering option:

◦ Comfort - Reduces the effort required to turn the

steering wheel. In town, Model 3 feels easier to

drive and park.

◦ Standard - Tesla believes that this setting offers

the best handling and response in most

conditions.

◦ Sport - Increases the effort required to turn the

steering wheel. When driving at higher speeds,

Model 3 feels more responsive.

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Steering Wheel

Steering Wheel Overview

Your Model 3 features stalkless driving in which all controls you need when driving are accessible on the steering wheel.



1. Left turn signal (see Turn Signals on page 72)

2. Right turn signal (see Turn Signals on page 72)

3. High beam headlights (see High Beam Headlights on page 71)

4. Cruise control light (non-functional)

5. Rear-facing camera button

6. Wipers (see Wipers and Washers on page 74)

7. Voice commands (see Voice Commands on page 16)

8. Right scroll wheel (see Right Scroll Wheel (Autopilot) on page 64)

9. Horn (see Horn on page 65)

10. Left scroll wheel (see Left Scroll Wheel (Multifunction) on page 64 )

Driving 63

Steering Wheel

Scroll Wheels

The scroll wheel on the left side of the steering wheel controls functions such as mirror adjustment, volume control, and wiper speed. The right scroll wheel controls Autopilot features, such as Autosteer initiation and max speed limit.

Left Scroll Wheel (Multifunction)

| Mode | Action | Function | More Information |
| --- | --- | --- | --- |
| Normal | Press | Play/pause media | Media on page 155 |
| Tilt left/right | Next/previous track |
| Scroll up/down | Adjust volume |
| Wipers\* | Press | Confirm speed | Wipers and Washers on page 74 |
| Tilt left/right | Select wiper speed |
| Multifunction | Long press | Activate/set function | Left Scroll Wheel Customization on page 64 |
| Tilt left/right | Navigate list |
| Scroll | Select function |
| Phone call | Tilt left/right | Answer/decline a phone call | Using the Phone App on page 55 |
| In a call, tilt left | Mute/unmute |
| In a call, tilt right | End a call |

\* First press the wiper button on steering wheel to activate.

Left Scroll Wheel Customization

Choose from a list to create quick access to a function by touching Controls > Display > Scroll Wheel Function. Selecting a function sets the default action when you long press the left scroll button, unless you select Ask each time.

Right Scroll Wheel (Autopilot)

| Mode | Action | Function | More Information |
| --- | --- | --- | --- |
| Single Click\* | Press | Activate Autosteer | Autopilot Settings on page 98 |
| Tilt left/right | Adjust follow distance |
| Scroll up/down | Adjust max speed |
| Double Click\* | Press | Activate Traffic-Aware Cruise Control |
| Double press | Activate Autosteer |
| Tilt left/right | Adjust follow distance |
| Scroll | Adjust max speed |

\* Choose how you want Autopilot features to be enabled by touching Controls > Autopilot > Autopilot Activation. Both Scroll Wheels

| Mode | Action | Function | More Information |
| --- | --- | --- | --- |
| Normal | Press both briefly | Activate secondary drive mode selector (P, R, N, D) | Shift Using the Overhead Console on page 68 |
| Press both and hold | Restart the touchscreen | Restarting the Touchscreen on page 8 |

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Steering Wheel

Heated Steering Wheel

To warm up the steering wheel, touch the fan icon on

the touchscreen to display climate controls (see

Adjusting Climate Control Settings on page 139), then

touch the steering wheel icon. When on, radiant heat

keeps the steering wheel at a comfortable temperature.

Horn

To sound the horn, press and hold the center pad on the

steering wheel.



Driving 65

Mirrors

Adjusting Exterior Mirrors

Adjust the exterior mirrors by touching Controls > Mirrors. Press the left scroll button on the steering wheel to choose whether you are adjusting the Left or Right mirror. Then use the left scroll button as follows to adjust the selected mirror to its desired position:

• To move the mirror up or down, roll the left scroll button up or down.

• To move the mirror inward or outward, press the left scroll button to the left or right.



Both exterior mirrors can tilt downward when the vehicle is shifted into Reverse. When you shift back into another drive mode, the mirrors return to their normal upward position. To turn this feature on or off, touch Controls > Mirrors > Mirror Auto Tilt.

NOTE: With a future software update, the Save button will retain the mirror adjustments but it does not function currently.

To reduce glare when driving at night, the rear view mirror and exterior side mirrors dim automatically. To enable or disable this feature, touch Controls > Mirrors > Mirror Auto Dim.

Availability of this Mirror Auto Dim depends on market region and date of manufacture.

NOTE: Both exterior mirrors have heaters that turn on and off with the rear window defroster.

Folding Mirrors

To manually fold and unfold exterior mirrors (for example, parking in a narrow garage, tight space, etc.), touch Controls > Fold/Unfold Mirrors.

When you manually fold the mirrors, they remain folded until your driving speed reaches 50 km/h (or until you manually unfold them by touching Controls > Unfold Mirrors).

NOTE: You cannot fold a mirror when driving over 50 km/h.

To set the mirrors to fold automatically whenever you exit and lock Model 3 touch Controls > Mirrors > Mirror Auto Fold. The mirrors unfold automatically when you unlock Model 3.

You can also set mirrors to fold automatically whenever you arrive at a specific location, which saves you from having to manually fold them each time you arrive at a frequented place. To set this up, stop at the location you want to save (or drive at less than 5 km/h), and fold the mirrors. Save Location appears briefly below the Fold Mirrors control. Touch again if you no longer want mirrors to automatically fold at the location, or disable this option in Controls.

NOTE: When you leave the saved location, mirrors can unfold when your driving speed is over 5 km/h, or until you touch Controls > Unfold Mirrors.

NOTE: Mirrors can automatically fold if you return to a saved location and are driving below 50 km/h.

NOTE: You can override the automatic folding/unfolding of mirrors at any time (for example, Model 3 has no power) by pushing the mirror assembly away from you to unfold, or pulling it toward you to fold.

NOTE: If you expect ice to accumulate when Model 3 is parked, turn off Mirror Auto Fold. Accumulation of ice can prevent exterior side mirrors from folding or unfolding. See Cold Weather Best Practices on page 145 for information on how to ensure your mirrors function properly in cold weather.

You can integrate auto-folding mirrors with HomeLink (see Smart Garage on page 57). To enable, go to HomeLink > Auto-Fold Mirrors when Nearby.

Rear View Mirror

Adjust the rear view mirror manually. When in Drive or Neutral, the rear view mirror automatically dims in low lighting conditions based on the time of day (for example, when driving at night).

Vanity Mirrors

To expose and illuminate the vanity mirror, fold the sun visor downwards, then use the tab to lower the mirror cover. After closing the mirror cover, the light turns off.

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Mirrors



Driving 67

Shifting

Shift Using the Touchscreen

When you press the brake pedal when parked, the drive mode strip displays on one side of the touchscreen. Use the drive mode strip to shift Model 3: swipe up for Drive, swipe down for Reverse or touch the P for Park or N for

Neutral. Swipe from the edge of the touchscreen towards the passenger to bring up the drive mode strip.



NOTE: To shift from Drive into Reverse or vice versa, the driving speed must be less than 8 km/h.

The touchscreen's drive mode strip displays Park and Neutral at all times. To shift into Park when driving below 8 km/h, touch the button on the drive mode strip while pressing the brake pedal. In emergency situations when driving above 8 km/h, press and hold the Park button to slowly bring the vehicle to a stop.

The touchscreen is the preferred method to manually shift. However, in the unlikely situation in which the touchscreen is unavailable and therefore can't be used, the drive mode selector on the overhead console automatically activates and must be used to shift (see Shift Using the Overhead Console on page 68).

If you try to shift when it is prohibited by the current driving speed, the touchscreen displays an alert, a chime sounds, and the drive mode does not change.

Auto Shift out of Park

Auto Shift out of Park is a BETA feature and is disabled by default. When disabled, use the touchscreen or the overhead console to manually shift. To enable Auto Shift out of Park, touch Controls > Pedals & Steering > Auto Shift out of Park.

When Auto Shift out of Park is enabled, Model 3 is designed to automatically select Drive or Reverse. The touchscreen displays the selected drive mode when the driver's door is closed and seat belt is buckled.

To override the selection, press the brake pedal and use the drive mode strip on touchscreen to shift into your desired drive mode (Drive, Reverse, Park; see Shift Using the Touchscreen on page 68).

Confirm the drive mode selection and follow the instructions on the touchscreen before you press the accelerator.

WARNING: As always, be aware of your vehicle and surroundings before driving. Never rely on Model 3 to automatically select a suitable drive 

mode without confirming the selection before you start to drive.

If Auto Shift out of Park is unavailable, the touchscreen displays a message.

Model 3 automatically selects a drive mode when:

• Auto Shift out of Park is enabled.

• Model 3 is in Park.

• The driver's seat belt is fastened.

• The brake pedal is pressed.

• All doors and trunks are closed.

• The drive mode selector on the overhead console is not activated (see Shift Using the Overhead Console on page 68).

NOTE: Model 3 does not automatically select drive modes in Valet Mode.

Shift Using the Overhead Console

In addition to manually shifting on the touchscreen, you can shift by pressing P, R, N or D located on the overhead console. In most situations, these buttons are not available until you press one of the buttons to activate it. When active, the LEDs associated with each button illuminate and when you select P, R, N or D, the associated LED illuminates amber.

In situations where the touchscreen is unavailable (for example, experiencing a technical issue), or Model 3 is in Valet or Transport Mode, the drive mode selector on the overhead console activates automatically and there is no need to touch it.

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NOTE: You can also activate the drive mode selector on the overhead console by simultaneously and *briefly* pressing both scroll buttons on the steering wheel. However, if you press and *hold* both buttons simultaneously, the drive mode selector activates *and* the touchscreen restarts (see Restarting the Touchscreen on page 8).

NOTE: The front trunk must be closed to shift using the overhead console.



1. Park

2. Reverse

3. Neutral

4. Drive

NOTE: When the touchscreen is available for shifting and you have manually activated the drive mode selector on the overhead console, the overhead console automatically deactivates if you don't shift within 10 seconds.

Park

To manually shift into Park, press the brake pedal and touch the Park button on the touchscreen's drive mode strip. If the touchscreen is unavailable, press Park on the drive mode selector located on the overhead console.

Model 3 automatically shifts into Park to prevent roll away while driving in low speeds. This happens whenever you connect a charge cable, unbuckle your seat belt, or open the door while in Drive or Neutral. Ensure the charge cable is removed, buckle your seat belt, and close the door before shifting out of Park.

Attempting to engage the parking brake above 8 km/h will result in emergency braking (see Braking and Stopping on page 75).

NOTE: In emergency situations, if the brakes are not functioning properly, you can press and hold the Park button on the touchscreen's drive mode strip to bring Model 3 to a stop. Do not use this method to stop the vehicle unless absolutely necessary.

Shifting

NOTE: You must always press the brake pedal to shift *out of* Park.

CAUTION: Model 3 will not shift out of Park if a charge cable is plugged in, or if the charge port is unable to determine whether a charging cable is plugged in. In situations when Model 3 does not shift out of Park, check the touchscreen for instructions on how to proceed. 

WARNING: It is the driver's responsibility to always ensure the vehicle is in Park before exiting. Never rely on Model 3 to automatically shift into Park for you. 

Drive

To manually shift into Drive, swipe up on the drive mode strip located on the touchscreen or, if the touchscreen is unavailable, press D on the drive mode selector located

on the overhead console. You can shift into Drive when Model 3 is stopped or moving less than 8 km/h in Reverse.

Reverse

To manually shift into Reverse, swipe down on the drive mode strip located on the touchscreen or, if the touchscreen is unavailable, press R on the drive mode selector located on the overhead console. You can shift into Reverse when Model 3 is stopped or moving less than 8 km/h in Drive. You can manually close the park assist view on the touchscreen by touching the X in the upper corner.

Neutral

Neutral allows Model 3 to roll freely when you are not pressing the brake pedal. To shift into Neutral, do any of the following:

• Swipe from the edge of the touchscreen towards the passenger to bring up the drive mode strip and press Neutral.

• Choose Neutral from the drive mode selector on the overhead console.

NOTE: You must press the brake pedal to shift out of Neutral if Model 3 is moving slower than approximately 8 km/h.

Model 3 automatically shifts into Park when you open the driver's door to exit the vehicle unless the vehicle is in certain modes such as Transport or Car Wash Mode which allows the vehicle to stay in Neutral even when you leave.

Driving 69

Shifting

Keeping Your Vehicle in Neutral

(Transport Mode)

To keep Model 3 in Neutral when you exit, allowing it to

roll freely (for example, pulling onto a flatbed truck), you

must activate Transport mode:

1. Shift into Park.

2. Press the brake pedal.

3. Touch Controls > Service > Towing. The touchscreen

displays a message reminding you how to properly

transport Model 3.

4. Press the Transport Mode. It turns blue to show that

Model 3 is now in Transport Mode. Model 3 is now

free-rolling and can slowly be rolled (no faster than

walking speed) for short distances or winched (for

example, onto a flatbed truck).

For more information on Transport Mode, see Activate

Transport Mode on page 203.

NOTE: In Transport mode, Model 3 does not shift into a

drive mode. You must first cancel Transport mode by

touching Transport Mode again. Transport mode also

cancels if you use the touchscreen or drive mode

selector on the overhead console to shift into Park or if

you manually apply the parking brake by touching

Controls > Safety > Parking Brake.

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Controlling Lights

Touch Controls > Lights to control the lights.

NOTE: You can also access an abbreviated lights menu while driving by touching the High Beam button on the steering wheel. A lights menu displays on the touchscreen, providing quick access to headlight controls.

In addition to the lights that you can control from the touchscreen, Model 3 has convenience lights that turn on and off automatically based on what you are doing. For example, interior lights, marker lights, tail lights, and puddle lights turn on when you unlock Model 3, when you open a door, and when you shift into Park. They turn off automatically after a minute or two or when you shift or lock Model 3.

Exterior Lights

Exterior lights (headlights, tail lights, side marker lights, parking lights, and license plate lights) are set to Auto each time you start Model 3. If you change to a different setting, lights always revert to Auto on your next drive.

Touch one of these options to change and retain the exterior light setting until adjusted again or the next time you drive:

OFF Exterior lights turn off. When driving, daytime running lights may remain on

based on regulations in various market

regions.

Parking lights, side marker lights, tail lights and license plate lights turn on. 

Low beam headlights, side marker lights, 

parking lights, tail lights, and license plate

lights turn on.

CAUTION: Ensure the headlights and rear lights are on during low visibility conditions (for example, when it is dark, foggy, snowy, or the road is wet, etc.). The rear tail lights are off while daytime running lights are on. Failure to do so can cause damage or serious injury. 

Dome Lights

Turn the interior dome (map) lights on or off. If set to Auto, all interior dome lights turn on when you unlock Model 3, open a door upon exiting, or shift into Park.

Lights

You can also manually turn an individual dome light on or off by pressing its lens. If you turn a dome light on, it turns off when Model 3 powers off. If Model 3 was already powered off when you manually turned the light on, it turns off after 60 minutes.

Accent Lights

Enable or disable the accent lights that line the cabin of your vehicle and customize the accent light color to your preferences (if equipped). You can also turn the footwell lights on or off.

Headlights after Exit

When you stop driving and park Model 3 in low lighting conditions, exterior lights temporarily remain illuminated. They automatically turn off after one minute or when you lock Model 3 whichever comes first.

NOTE: If you lock Model 3 using the Tesla mobile app , the headlights immediately turn off. However, if the vehicle locks because Walk-Away Door Lock is enabled (see ), the headlights automatically turn off after one minute.

To turn this feature on and off, touch Controls > Lights > Headlights After Exit. When Headlights After Exit is off, the headlights turn off immediately when you engage Park and open a door.

High Beam Headlights

Use the high beam headlight button on the left side of the steering wheel to control the headlights:

• Press and quickly release to flash high beam headlights.

• Press and hold to turn on high beam headlights - the touchscreen displays a brief timer and you must hold for the duration of the timer to latch the high beam headlights to the on position. When headlights are on, press the button a second time to turn them off.

Driving 71

Lights

Auto High Beam (if equipped)

The high beam headlights can automatically switch to low beam when there is light detected in front of Model 3 (for example, from an oncoming vehicle). To turn this feature on or off, touch Controls > Lights > Auto High Beam. Your chosen setting is retained until you manually change it.

NOTE: When you touch or press the high beam headlight button on the left side of the steering wheel, the touchscreen displays an abbreviated lights menu to provide quick access to control headlights, fog lights (if equipped), and the Auto High Beam setting. Use the touchscreen to choose options from this menu.

NOTE: Auto High Beam is automatically enabled when Autosteer is engaged. To switch to low beam headlights, press the high beam headlight button on the steering wheel. Auto High Beam is re-enabled every time Autosteer is activated.

The following indicator lights are visible on the touchscreen to show the status of the headlights:

Low beam headlights are on.

High beam headlights are on. Illuminates 

when high beams are on but the Auto High Beam setting is turned off or if the Auto

High Beam setting is turned on but is

temporarily unavailable.

High beams are currently turned on, and 

Auto High Beam is ready to turn off the

high beams if light is detected in front of

Model 3.

High beams are temporarily turned off 

because Auto High Beam is operating and

light is detected in front of Model 3. When

light is no longer detected, high beam

headlights automatically turn back on.

WARNING: Auto High Beam is a convenience only and is subject to limitations. It is the driver's responsibility to make sure that headlights are always appropriately adjusted for weather 

conditions and driving circumstances.

Headlight Adjustments

To adjust the angle of the headlights, touch Controls > Service > Adjust Headlights, then follow the onscreen instructions. You can choose which headlight you would like to adjust by selecting it on the touchscreen.

NOTE: Headlights do not require adjustments when temporarily driving into a region where the traffic direction is different (for example, driving in right-hand traffic region, and then driving into a region with left hand traffic).

WARNING: Proceed with caution when adjusting headlights. Tesla has carefully calibrated the position of the headlights to be in an optimum position for most driving scenarios. Tesla 

recommends that you do not adjust headlights unless you are familiar with how headlights should be adjusted. Once adjusted, you will be unable to automatically restore them to their originally calibrated position. Contact Tesla for assistance when adjusting headlights.

Turn Signals

To engage a turn signal, press the corresponding arrow button on the left side of the steering wheel. A turn signal cancels based on the angle of the steering wheel (for example, you finish making a turn). You can also cancel a turn signal by pressing the turn signal button a second time.

If Controls > Lights > Automatic Turn Signals is set to Auto Cancel, turn signals cancel automatically when Model 3 detects completion of a maneuver such as a merge, lane change, or a fork in the roadway. You can override automatic cancellation at any time (for example, you want the turn signal to remain on because you are making more than one lane change). To override, engage the turn signal by pressing and momentarily holding the turn signal button (instead of just pressing). Then, when the first maneuver is complete, the turn signal remains on. If Automatic Turn Signals is set to Off,

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you must cancel the turn signal manually by pressing the turn signal button after maneuvers such as a merge, lane change, or fork in the roadway.



When a turn signal is operating, the

corresponding indicator lights up on the

touchscreen and you can hear a clicking

sound.

Hazards

To turn on the hazard warning flashers, press the button on the drive mode selector located on the overhead center. All turn signals flash. Press again to turn off.



NOTE: Hazard warning flashers operate even without a key nearby.

Lights

Condensation in Head or Tail Lights

Due to weather changes, humidity levels, or recent exposure to water (such as a car wash), condensation may occasionally accumulate in your vehicle’s head or tail lights. This is normal— as the weather gets warmer and humidity decreases, condensation often disappears on its own. If you notice water buildup within the exterior lenses, or if the condensation affects the visibility of the exterior lights, contact Tesla Service.

Driving 73

Wipers and Washers

Wipers and Washers

You can access wiper settings by touching the wiper button on the steering wheel or touching Controls > Wipers.

*Press* the wiper button on the steering wheel to wipe the windshield.

*Press and hold* the wiper button to spray washer fluid onto the windshield. After releasing the button, the wipers perform two additional wipes then, depending on vehicle and environmental conditions, a third wipe a few seconds later. You can also press and hold the wiper button for a continuous spray of washer fluid—the wipers perform the wipes after you release.

Whenever you press the wiper button on the steering wheel, the touchscreen displays the wiper menu, allowing you to adjust wiper settings. Press the left scroll button on the steering wheel left or right to choose your desired setting.



1. Turn the wipers off.

2. Choose how you want the wipers to operate: ◦ Auto - Model 3 detects whether or not it is raining. When liquid is detected on the windshield, Model 3 determines the optimal frequency of the wipers. If Model 3 does not detect liquid on the

windshield, the wipers do not operate.

NOTE: Autosteer and traffic-aware cruise control require wipers to be set to Auto. This setting is automatic and you cannot change it.

NOTE: The Auto setting is currently in BETA. If uncertain about using the Auto setting while in the BETA phase, Tesla recommends operating the wipers manually, as necessary.

◦ I - Intermittent, slow.

◦ II - Intermittent, fast.

◦ III - Continuous, slow.

◦ IIII - Continuous, fast.

NOTE: If you choose Auto and the ability to detect liquid on the windshield becomes unavailable, the wiper setting reverts to the most recently used manual setting. If a manual setting cannot be determined, the wipers turn off.

NOTE: You can also adjust the windshield wiper speed and frequency using voice commands (see Voice Commands on page 16).

CAUTION: To avoid the risk of damaging the wipers, do not leave the wipers set to Auto when washing Model 3. 

Periodically check and clean the edge of the wiper blades. If a blade is damaged, replace it immediately. For details on checking and replacing wiper blades, see Windshield Wiper Blades, Jets and Fluid on page 187.

CAUTION: To avoid damaging the hood, ensure that the hood is fully closed before activating the windshield wipers. 

CAUTION: Remove ice from the windshield before turning the wipers on. Ice has sharp edges that can damage the rubber on the wiper blades. 

CAUTION: In harsh climates, ensure that the wiper blades are not frozen or adhered to the windshield. 

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Braking Systems

WARNING: Properly functioning braking systems are critical to ensure safety. If you experience a problem with the brake pedal, brake calipers, or any component of a Model 3 braking system, contact Tesla immediately. 

Model 3 has an anti-lock braking system (ABS) that prevents the wheels from locking when you apply maximum brake pressure. This improves steering control during heavy braking in most road conditions.

During emergency braking conditions, the ABS constantly monitors the speed of each wheel and varies the brake pressure according to the grip available.

The alteration of brake pressure can be felt as a pulsing sensation through the brake pedal. This demonstrates that the ABS is operating and is not a cause for concern. Keep firm and steady pressure on the brake pedal while experiencing the pulsing.

The ABS indicator briefly flashes amber on the touchscreen when you first start Model 3. If this indicator lights up at any other 

time, an ABS fault has occurred and the

ABS is not operating. Contact Tesla. The

braking system remains fully operational

and is not affected by an ABS failure.

However, braking distances may increase.

Drive cautiously and avoid heavy braking.

If the touchscreen displays this red brake 

indicator at any time other than briefly

when you first start Model 3, a brake

system fault is detected, or the level of the brake fluid is low. Contact Tesla

immediately. Apply steady pressure and

keep the brakes firm to bring the vehicle to a stop when safe to do so.

The touchscreen displays this amber brake indicator if a brake booster fault is 

detected. Apply steady pressure and keep

the brakes firm to stop the vehicle when

safety permits. Hydraulic Boost

Compensation will be active (see Hydraulic Boost Compensation on page 76).

Emergency Braking

In an emergency, fully press the brake pedal and maintain firm pressure, even on low traction surfaces. The ABS varies the braking pressure to each wheel according to the amount of traction available. This prevents wheels from locking and ensures that you stop as safely as possible.

Braking and Stopping

If an alternative method is needed to bring the vehicle to a stop, press and hold the Park button on the touchscreen's drive mode strip to apply the brakes and remove drive torque while the button is held. Swipe from the edge of the touchscreen towards the passenger, to bring up the drive mode strip.

WARNING: Do not pump the brake pedal. Doing so interrupts operation of the ABS and can increase braking distance. 

WARNING: Always maintain a safe distance from the vehicle in front of you and be aware of 

hazardous driving conditions. While the ABS can improve stopping distance, it cannot overcome the laws of physics. It also does not prevent the danger of hydroplaning (where a layer of water prevents direct contact between the tires and the road).

CAUTION: Automatic Emergency Braking (see Collision Avoidance Assist on page 127) may intervene to automatically brake in situations where a collision is considered imminent. 

Automatic Emergency Braking is not designed to prevent a collision. At best, it can minimize the impact of a frontal collision by attempting to reduce your driving speed. Depending on

Automatic Emergency Braking to avoid a collision can result in serious injury or death.

CAUTION: In emergency situations, if the brakes are not functioning properly, press and hold the Park button on the overhead console or 

touchscreen to bring Model 3 to a stop. Do not use this method to stop the vehicle unless absolutely necessary.

Dynamic Brake Lights (if equipped)

If you are driving over 50 km/h and brake forcefully (or if Automatic Emergency Braking engages), the brake lights flash quickly to warn other drivers that Model 3 is rapidly slowing down. If Model 3 stops completely, the hazard warning lights flash. Flashing continues until you press the accelerator or manually press the hazard lights button to turn them off (see Hazards on page 73).

NOTE: When towing a trailer (if applicable), the brake lights on the trailer also operate as described above, even when the trailer is not equipped with a separate braking system.

WARNING: When towing a trailer (if applicable), always increase your following distance. Sudden braking may result in skidding, jack-knifing, and loss of control. 

Driving 75

Braking and Stopping Brake Disc Wiping

To ensure brakes remain responsive in cold and wet weather, Model 3 is equipped with brake disc wiping. When cold and wet weather is detected, this feature repeatedly applies an imperceptible amount of brake force to remove water from the surface of the brake discs.

Hydraulic Fade Compensation

Model 3 is equipped with hydraulic fade compensation. This assists in monitoring brake system pressure and ABS activity for instances of reduced brake performance. If reduced brake performance is detected (for example, as a result of brake fade, or cold or wet conditions), you may hear a sound, feel the brake pedal pull away from your foot, and notice a strong increase in braking. Brake as you normally would and continue to press the brake pedal without releasing or pumping the brakes.

CAUTION: In emergency situations, if the brakes are not functioning properly, press and hold the Park button on the overhead console or 

touchscreen to bring Model 3 to a stop. Do not use this method to stop the vehicle unless absolutely necessary.

WARNING: Always maintain a safe driving distance from the vehicle in front of you and exercise caution when driving conditions are hazardous. Brake disc wiping and hydraulic fade 

compensation is not a substitute for adequately applying the brakes.

Hydraulic Boost Compensation

Model 3 is equipped with a brake booster that activates the brakes when the brake pedal is pressed. Hydraulic boost compensation provides mechanical assistance if the brake booster fails. If a brake booster failure is detected, the brake pedal feels stiffer to press and you may hear a sound when you press the brake pedal. To stop Model 3, apply steady force to the brake pedal without releasing or pumping. Drive cautiously and maintain a safe distance from other road users—brake pedal responsiveness and braking performance may be degraded.

Regenerative Braking

Whenever Model 3 is moving and your foot is off the accelerator, regenerative braking slows down the vehicle and feeds any surplus power back to the Battery. By anticipating your stops and reducing or removing pressure from the accelerator pedal to slow down, you can take advantage of regenerative braking to increase driving range.

Vehicle deceleration due to regenerative braking may vary depending on the current state of the Battery. For example, regenerative braking may be limited if the Battery is cold or is already fully charged.

The power meter (a thin horizontal line centered at the top of the touchscreen's car status area) displays real time power usage:



1. The left side of the power meter represents power generated from regenerative braking, or power that is used to slow down the vehicle. Power being fed back to the Battery displays in green whereas power used by the regular braking system displays in gray.

2. The right side of the power meter shows power being output by the Battery, such as that used to accelerate the vehicle or to cool the cabin. When you press the accelerator pedal, the power meter fills to the right with black (or white if the display is dark).

NOTE: To ensure visibility when the display is dark, power represented by the gray color displays as white.

NOTE: Installing winter tires with aggressive compound and tread design may result in temporarily-reduced regenerative braking power. However, your vehicle is designed to continuously recalibrate itself, and after changing tires it will increasingly restore regenerative braking power after some straight-line accelerations. For most drivers this occurs after a short period of normal driving, but drivers who normally accelerate lightly may need to use slightly harder accelerations while the recalibration is in progress. Touch Service > Wheel & Tire > Tires to select winter tires and quicken this process.

NOTE: If regenerative braking is aggressively slowing Model 3 (such as when your foot is completely off the accelerator pedal at highway speeds), the brake lights turn on to alert others that you are slowing down.

NOTE: Because Model 3 uses regenerative braking, the brake pads are typically used less frequently than those in traditional braking systems. To avoid the accumulation of rust and corrosion, Tesla recommends frequently pressing the brake pedal to apply the mechanical brakes and dry the brake pads and rotors.

WARNING: In snowy or icy conditions, Model 3 may experience loss of traction during 

regenerative braking.

WARNING: Never rely on your vehicle to 

adequately decelerate or fully stop your vehicle. Many factors can contribute to a longer stopping distance, including downward slopes and reduced or limited regenerative braking. Always be

prepared to use the brake pedal to adequately decelerate or stop.

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WARNING: Press the brake pedal if Model 3 moves when unsafe to do so. It is your responsibility to stay alert and be in control of the vehicle at all times. Failure to do so can result in serious damage, injury, or death. 

WARNING: Do not rely on regenerative braking to keep you and your vehicle safe. Various factors such as driving with a heavy vehicle load, on a steep hill, or on wet or icy roads affect 

deceleration rate and the distance at which Model 3 will come to a stop. Drive attentively and always stay prepared to use the brake pedal to stop as appropriate based on traffic and road conditions.

WARNING: Forward Collision Warning and Automatic Emergency Braking do not operate when driving at very low speeds (see Collision Avoidance Assist on page 127). Do not rely on these features to warn you, or to prevent or reduce the impact of a collision. 

Parking Brake

To engage the parking brake, touch Controls > Safety > Parking Brake. Follow the onscreen instructions.

Use the touchscreen to manually release the parking brake (which also shifts Model 3 into Neutral):

1. Touch Controls > Safety.

2. Press the brake pedal, then touch Parking Brake. If Model 3 was previously in Park, it shifts into Neutral.

When you manually apply the parking 

brake using the touchscreen, the red

parking brake indicator lights up on the

touchscreen.

If the parking brake experiences an 

electrical issue, the amber parking brake

indicator lights up and a fault message

displays on the touchscreen.

NOTE: The parking brake operates on the rear wheels only, and is independent of the pedal-operated brake system.

CAUTION: In the unlikely event that Model 3 loses electrical power, you cannot access the 

touchscreen and are therefore unable to release the parking brake without first jump starting (see Jump Starting on page 210).

WARNING: In snowy or icy conditions the rear wheels may not have sufficient traction to prevent Model 3 from sliding down a slope, particularly if not using winter tires. Avoid parking on hills in snowy or icy conditions. You are always 

responsible for parking safely.

Braking and Stopping

WARNING: Your Model 3 may display an alert if the road is too steep to safely park on, or if the parking brakes are not properly engaged. These alerts are for guidance purposes only and are not a substitute for the driver’s judgment of safe parking conditions, including specific road or weather conditions. Do not depend on these alerts to determine whether or not it is safe to park at any location. You are always responsible for parking safely. 

Brake Wear

Model 3 brake pads are equipped with wear indicators. A wear indicator is a thin metal strip attached to the brake pad that squeals as it rubs against the rotor when the pad wears down. This squealing sound indicates that the brake pads have reached the end of their service life and require replacement. To replace the brake pads, contact Tesla Service.

Brakes must be periodically inspected visually by removing the tire and wheel. For detailed specifications and service limits for rotors and brake pads, see Subsystems on page 197. Additionally, Tesla recommends cleaning and lubricating the brake calipers every year or 20,000 km if in an area where roads are salted during winter months.

WARNING: Neglecting to replace worn brake pads damages the braking system and can result in a braking hazard. 

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Park Assist

How Park Assist Works

This feature may be temporarily limited or inactive until it is enabled with a future software update for vehicles manufactured as of approximately September 2023.

Model 3 is designed to detect the presence of objects. When driving slowly (for example, when parking), the vehicle alerts you if an object is detected in close proximity of your Model 3. The vehicle alerts you when objects are detected in front of Model 3 when you are in Drive, and behind Model 3 when you are in Reverse.

WARNING: You may not be alerted if Model 3 rolls freely in the opposite direction (for example, Park Assist does not display an alert if Model 3 rolls backwards down a hill while in Drive). 

WARNING: Never depend on Park Assist to inform you if an area you are approaching is free of objects and/or people. Several external factors can reduce the performance of Park Assist, causing either no readings or false readings (see 

Limitations and False Warnings on page 78). Therefore, depending on Park Assist to determine if Model 3 is approaching an obstruction can result in damage to the vehicle and/or objects, and can potentially cause serious injury. Always inspect the area with your own eyes. When reversing, perform shoulder checks and use all mirrors. Park assist does not detect children, pedestrians, bicyclists, animals, or objects that are moving, protruding, located too far above or below the sensors (if equipped) or cameras, or too close or too far from the sensors or cameras. Park Assist is for guidance purposes only and is not intended to replace your own direct visual checks. It is not a substitute for careful driving.

Visual and Audio Feedback

When you shift to Reverse, the Park Assist view displays on the touchscreen, showing objects that are in close proximity to the front and rear of Model 3. This view closes when you shift into Drive unless an object is detected close to the front of Model 3, in which case the Park Assist view closes automatically when you start driving faster than the speed at which Park Assist operates. When reversing, visual feedback also displays on the touchscreen (see Rear Facing Camera(s) on page 87). You can manually close the park assist view on the touchscreen by touching the X.

When driving at low speeds with the Camera app displayed on the touchscreen, you can switch to the Park Assist view by touching the button located in the upper left corner of the Camera app screen. This is useful if you need assistance with parallel parking.

If chimes are turned on (see Controlling Audible Feedback on page 78), an audible beep sounds as you approach an object.

NOTE: If Park Assist is unable to provide feedback, the touchscreen displays an alert message.

CAUTION: Keep sensors (if equipped) and cameras clean from dirt, debris, snow, and ice. Avoid using a high pressure power washer on the sensors and cameras, and do not clean a sensor or camera with a sharp or abrasive object that can scratch or damage its surface. 

CAUTION: Do not install accessories or stickers on or near the sensors (if equipped) or cameras. 

Controlling Audible Feedback

You can use Park Assist with or without audible feedback. To turn chimes on or off, touch Controls > Safety > Park Assist Chimes.

Limitations and False Warnings

Park Assist may not function correctly in these situations:

• One or more of the sensors (if equipped) or cameras is damaged, dirty, or obstructed (such as by mud, ice, or snow, or by a vehicle bra, excessive paint, or adhesive products such as wraps, stickers, rubber coating, etc.).

• The object is located below approximately 20 cm (such as a curb or low barrier).

CAUTION: Shorter objects that are detected (such as curbs or low barriers) can move into a blind spot. Model 3 cannot alert you about an object while it is in a blind spot. 

• Weather conditions (heavy rain, snow, or fog). • The object is thin (such as a sign post).

• Park Assist’s operating range has been exceeded.

• The object is sound-absorbing or soft (such as powder snow).

• The object is sloped (such as a sloped embankment).

• Model 3 has been parked in, or being driven in, extremely hot or cold temperatures.

• The sensors (if equipped) are affected by other electrical equipment or devices that generate ultrasonic waves.

• You are driving in a location where the sensors' (if equipped) waves are deflected away from the vehicle (such as driving next to a wall or pillar).

• The object is located too close to the bumper. • A bumper is misaligned or damaged.

• An object that is mounted to Model 3 is interfering with and/or obstructing Park Assist (such as a bike rack or bumper sticker).

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