



2022 F-150 Lightning

Meet the All-New F-150 Lightning

Ford is electrifying the Built Ford Tough lineup with the all-new, all-electric 2022 F-150 Lightning — designed to be the smartest, most connected, most innovative F-150 ever — with available Ford BlueCruise hands-free highway driving feature,⁽¹⁾ Mega Power Frunk, 9.6 kW of Pro Power Onboard and Ford Intelligent Backup Power that can power a home for up to three days or up to 10 days if rationing power.⁽²⁾

Plus, the F-150 Lightning is designed to provide the capability customers expect with a targeted maximum available trailer tow rating of 10,000 lbs.,⁽³⁾ a targeted maximum payload rating of 2,000 lbs.⁽⁴⁾ and dual eMotors creating a targeted 775 lb.-ft. of nearly instant torque.⁽⁵⁾ The F-150 Lightning with the available extended-range battery offers a targeted 300 miles of EPA-estimated range.⁽⁶⁾ F-150 Lightning delivers all this capability while expected to be certified as a zero tailpipe emissions vehicle.⁽⁷⁾

Meet the 2022 F-150 Lightning — the all-new, all-electric, lightning-quick pickup. Coming in the Spring of 2022.



Preproduction vehicles shown throughout. Available Spring 2022.

Key Launch Training Resources

With Launch Vehicles, it is especially important to keep up with product information and training. Get all your key launch training resources — job aids, videos, eLearning, *Frontline* articles and more.

[Go to Key Launch Training Resources >>](#)

F-150 LIGHTNING FEATURES NEW TO THE F-150 BRAND

Performance and Capability

- All-electric 4x4 drivetrain with two electric motors and two battery choices:
 - Standard-range battery with targeted 230 miles of EPA-estimated range⁽⁶⁾
 - Extended-range battery with targeted 300 miles of EPA-estimated range⁽⁶⁾
 - Enhanced 9.6-kW Pro Power Onboard, powering up to 11 outlets

Charging

- Ford Charge Station Pro wall box with 80-amp power delivery
- Ford Intelligent Backup Power
- Mobile Power Cord

Technology

- Phone As A Key
- SYNC 4A with Enhanced Voice Recognition includes 15.5" portrait-style center-stack touchscreen

Exterior

- Mega Power Frunk with power open/close

KEY MESSAGES



A Level Above in Performance

From the high-strength steel frame to the standard 4x4 all-electric drivetrain to the innovative towing features, F-150 Lightning offers Built Ford Tough capability and performance. It poses the question, "What can dual electric motors do when they're engaged simultaneously?" Answer: Produce 775 lb.-ft. of torque⁽⁵⁾ — the most torque in an F-150 ever.

[Go to Performance and Capability >>](#)



Lightning Pro — Built for Productivity

Charge at the Highest Level

Most F-150 Lightning owners will charge their battery at home using a 240-volt power system. Ford will offer easy and powerful solutions for the best home charging station, including the available Ford Charge Station Pro — the 240-volt wall box with enhanced power that charges an extended-range battery from 15% to full in about 8 hours and a standard-range battery from 15% to full in 10 hours.⁽⁸⁾

[Go to Charging >>](#)

F-150 Lightning Helps Drive EV Strategy

Ford is launching its first all-electric full-size pickup with the F-150 nameplate precisely because it's such a trusted and respected brand — and customers know what to expect from an F-150. Because of that trust, F-150 Lightning strengthens our position by introducing a battery-electric vehicle (BEV) to the light-duty pickup market.

Distinctive Design

F-150 Lightning arrives in style with bold, sculpted looks and an aerodynamic profile that stands apart from the crowd. The all-electric pickup is designed with its own exclusive visual cues while maintaining the F-150 family traits of strength and ruggedness.

[Go to Exterior >>](#)

Introducing the newest member of the Ford Commercial Truck lineup — the all-new, all-electric 2022 F-150 Lightning Pro.

Ford commercial customers will have access to a new Ford digital fleet planning tool that calculates a variety of factors to help gauge purchase and operational cost savings, which include:

- Purchase and lease costs
- Federal and regional tax incentives
- Regional fuel and energy costs

Additionally, with Ford EV Telematics, vehicle data is shared seamlessly over the cloud, so fleet managers can track vehicle health, status and range each day. They can also log and pay for public charging events centrally and reimburse employees for home charging — just to name a few benefits.

For more information, visit [Fleet.Ford.com](https://fleet.ford.com).

For the F-150 Lightning, expect a different customer with more willingness to adopt the latest technology. The reservation holder survey shows 56% of these customers currently do not own a Ford.



Style Meets Productivity Inside

Productivity, functionality and style are designed into every F-150 Lightning interior. Drivers will stay informed with a 12" digital instrument cluster and the standard 12" or available 15.5" center-stack touchscreen. Features such as Intelligent Range — an advanced EV system that estimates remaining miles — complete the blend of design and technology.

[Go to Interior >>](#)

Most Connected F-150

From Ford Co-Pilot360 driver-assist features to the convenience and connectivity of available SYNC 4A with Enhanced Voice Recognition with the 15.5" portrait-style center-stack touchscreen, plus Ford Power-Up software updates, F-150 Lightning offers the advanced technology customers are seeking.

[Go to Technology >>](#)

Safe to Proceed

Safety starts with AdvanceTrac with RSC (Roll Stability Control), plus Curve Control. LARIAT and Platinum also include the Advanced Security Pack.

[Go to Safety and Security >>](#)



SPECIFICATIONS

- **Dimensions/Weights/Capacities**
- **Standard Equipment**
- **Powertrain**
- **Chassis**
- **Electrical**
- **Warranties**

MODEL LINEUP

F-150 Lightning is a SuperCrew/5.5' cargo box configuration only, with the following series:

- Pro
- XLT
- LARIAT
- Platinum

[Go to Model Lineup >>](#)

PRIDE POINTS

Capability

- The 2022 F-150 Lightning is the smartest, most connected, most innovative F-150 ever
- The 2022 F-150 Lightning with extended-range battery is targeted to be the fastest-accelerating F-150 yet⁽⁹⁾
- With 775 lb.-ft. of torque, the 2022 F-150 Lightning has the most torque of any F-150 ever⁽⁵⁾
- On a fully charged battery, F-150 Lightning can power a home for up to three days or up to 10 days if rationing power with Ford Intelligent Backup Power⁽²⁾
- The 2022 F-150 Lightning is the most aerodynamic F-150 ever⁽¹⁰⁾

(1) Driver-assist features are supplemental and do not replace the driver's attention, judgment and need to control the vehicle. Ford BlueCruise is a hands-free highway driving feature. Only remove hands from the steering wheel when in a Hands-Free Blue Zone. Always watch the road and be prepared to resume control of the vehicle. It does not replace safe driving. See Owner's Manual for detail and limitations. Requires purchased 3-year connected service plan with regular map updates, FordPass App, and modem activation. Blue Cruise functionality expected first quarter 2022.

(2) When home is properly equipped and home transfer switch disconnects home from the grid. Based on 30 kWh use per day using the F-150 Lightning with the extended-range battery. Results may vary depending on energy usage. Rationing power assumes limiting the number of devices and turning the truck off when not needed.

(3) Max towing on Pro, XLT and LARIAT models with available extended-range battery and Max Trailer Tow Pkg. Max towing varies based on cargo, vehicle configuration, accessories and number of passengers.

(4) Based on standard-range battery and 18" wheels. See label on doorjamb for carrying capacity of a specific vehicle.

(5) Based on manufacturer testing using computer engineering simulations. Calculated via peak performance of the electric motors at peak battery power. Results may vary.

(6) Excludes Platinum and based on full charge. USA EPA-targeted range reflecting current status based on analytical projection consistent with US EPA combined drive cycle. Actual range varies with conditions, such as external environment, vehicle use, vehicle maintenance, lithium-ion battery age and state of health. Final EPA-estimated ratings available in 2022 calendar year.

(7) Visit fuelconomy.gov for more information.

(8) Excludes Platinum. Charge time based on manufacturer computer engineering simulations and analytical projection consistent with US EPA combined drive cycle. The charging rate decreases as battery reaches full capacity. Results may vary based on peak charging times and battery state of charge

(9) Targeted performance reflects current status based on analytical projections consistent with US Automotive publication processes. Final performance times will be available in the 2022 calendar year.

(10) Based on equivalent body style/driveline/drivetrain.

NOTE: Horsepower, torque, payload, towing and EPA-estimated fuel economy ratings are independent attributes and may not be achieved simultaneously.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning

A-Z Feature List

10.5-kW and 17.6-kW Onboard Charger [Charging]

120-Volt/2.4-kW Power Outlets [Interior]

360-Degree Camera [Technology]

Active Air Dam [Exterior]

Active Park Assist 2.0 [Technology]

Adjustable Head Restraints [Safety and Security]

Advanced Liquid Heating and Cooling System [Performance and Capability]

Advanced Security Pack [Safety and Security]

AdvanceTrac with RSC (Roll Stability Control) [Safety and Security]

Audio System [Interior]

Auto High Beams [Technology]

Auto Hold [Technology]

Auto-Dimming Driver Sideview Mirror [Safety and Security]

Autolock/Autounlock [Interior]

Automatic Return to Park [Performance and Capability]

B&O Sound System by Bang & Olufsen [Interior]

B&O Unleashed Sound System by Bang & Olufsen [Interior]

BLIS (Blind Spot Information System) with Cross-Traffic Alert [Technology]

BoxLink [Exterior]

Cargo BOX [Exterior]

Charging [Performance and Capability]

Coil-Over-Shock Double-Wishbone Front Suspension [Performance and Capability]

Configurable Daytime Running Lamps (DRL) [Exterior]

Connected Built-In Navigation [Technology]

Curve Control [Safety and Security]

DC Fast Charge Capability [Charging]

Dual Electric Motors [Performance and Capability]

Dual-Zone Electronic Automatic Temperature Control [Interior]

Electric Power-Assisted Steering (EPAS) [Performance and Capability]

Electronic Brakeforce Distribution (EBD) [Safety and Security]

Electronic-Locking Rear Differential [Performance and Capability]

EPA-Estimated Ratings [Performance and Capability]

Evasive Steering Assist [Technology]

Exterior Colors [Exterior]

External Charge Port and Charge Status Indicator [Charging]

Flow-Through Center Console [Interior]

Ford Assistant [Technology]

Ford BlueCruise [Technology]

Ford Power-Up Software Updates [Technology]

FordPass [Technology]

FordPass Connect (Embedded Modem) [Technology]

Four-Wheel Disc Brakes with Anti-Lock Brake System (ABS) [Performance and Capability]

Front Parking Sensors [Technology]

Front-Seat Side Airbags [Safety and Security]

HD Radio [Interior]

Heated and Ventilated Front Seats [Interior]

Heated Front Seats [Interior]

Heated Steering Wheel [Interior]

High-Strength, Military-Grade Aluminum-Alloy Body and Box [Performance and Capability]

Hill Start Assist [Technology]

Individual Tire Pressure Monitoring System (TPMS) [Safety and Security]

Individual Trailer Tire Pressure Monitoring System (TPMS) [Safety and Security]

Intelligent Access with Push-Button Start [Exterior]

Intelligent Adaptive Cruise Control with Stop-and-Go, Lane Centering and Speed Sign Recognition [Technology]

Interior Work Surface [Interior]

Intersection Assist [Technology]

Lane-Keeping Aid, Lane-Keeping Alert and Driver Alert System [Technology]

LATCH (Lower Anchors and Tether Anchors for Children) System [Safety and Security]

LED Box Lighting with Zone Lighting [Exterior]

LED Security Approach Lamps [Exterior]

LED Side-Mirror Spotlights [Exterior]

Lithium-Ion Battery [Performance and Capability]

Make It Easy – Creating a MyKey [Safety and Security]

Max Recline Seats [Interior]

Max Trailer Tow Package [Packages]

Maximum Payload [Performance and Capability]

Maximum Trailer Towing [Performance and Capability]

Mega Power Frunk [Exterior]

Mobile Power Cord (120-Volt/240-Volt) [Charging]

Multicontour Front Seats with Active Motion [Interior]

MyKey [Safety and Security]

Onboard Scales with Smart Hitch [Performance and Capability]

One-Hand-Stow Rear Seat [Interior]

Partitioned Lockable Fold-Flat Storage [Interior]

Perimeter Alarm [Safety and Security]

Personal Safety System [Safety and Security]

Phone As A Key [Technology]

Post-Collision Braking [Technology]

Power-Deployable Running Boards [Exterior]

Power-Sliding Rear Window [Interior]
Powertrain Availability [Performance and Capability]
Pre-Collision Assist with Automatic Emergency Braking (AEB) [Technology]
Pro Power Onboard [Performance and Capability]
Pro Trailer Backup Assist [Performance and Capability]
Productivity and Center-Stack Screens [Interior]
Rain-Sensing Windshield Wipers [Exterior]
Rear Parking Sensors [Technology]
Rear View Camera [Technology]
Remote Tailgate Release [Exterior]
Reverse Brake Assist [Technology]
SAE Standard J1772 Charge Coupler [Charging]
Safety Canopy System [Safety and Security]
SecuriCode Keyless Entry Keypad [Exterior]
SecuriLock Passive Anti-Theft System [Safety and Security]
Single-Speed Transmission [Performance and Capability]
SiriusXM with 360L [Interior]
Smart Trailer Tow Connector [Performance and Capability]
SOS Post-Crash Alert System [Safety and Security]
Stay in Neutral Mode [Performance and Capability]
Storage [Interior]
SYNC 4 with Enhanced Voice Recognition [Technology]
SYNC 4A with Enhanced Voice Recognition [Technology]
SYNC Push-to-Talk Button [Technology]
Tailgate Step [Exterior]
Tailgate Work Surface [Exterior]
Tow Technology Package [Packages]
Towing the Vehicle [Performance and Capability]
Trailer Brake Controller [Performance and Capability]
Trailer Reverse Guidance [Performance and Capability]
Trailer Sway Control [Safety and Security]
Twin-Panel Moonroof [Interior]
Two-Tier and Compartmentalized Loading [Exterior]
Value Charging [Charging]
Wiper-Activated Headlamps [Safety and Security]
Wireless Charging Pad [Interior]

2022 F-150 Lightning

Performance and Capability

With dual electric motors and standard 4x4 drivetrain, F-150 Lightning delivers the performance and capability customers expect from a Built Ford Tough pickup. On models with the extended-range battery, the dual eMotors work in tandem to generate an adrenaline-pumping 563 horsepower⁽¹⁾ and 775 lb.-ft. of torque,⁽¹⁾ making this the fastest accelerating F-150 yet.⁽²⁾ Also, F-150 Lightning takes innovation to another level with all-new benefits, such as Ford Intelligent Backup Power. Equipped with the available 9.6-kW Pro Power Onboard system and plugged in to a properly installed Ford Charge Station Pro, an F-150 Lightning with Intelligent Backup Power can export enough electricity to keep the house lights on in an emergency.



	Standard-Range Battery	Extended-Range Battery
Horsepower ⁽¹⁾	426	563
Torque (lb.-ft.) ⁽¹⁾	775	775
EPA-estimated range (targeted)	230 miles ⁽³⁾	300 miles ⁽³⁾
Max. trailer tow rating (lbs.)	7,700 ⁽⁴⁾	10,000 ⁽⁵⁾

NOTE: Horsepower, torque, payload, towing and EPA-estimated fuel economy ratings are independent attributes and may not be achieved simultaneously.

BATTERY POWERED

F-150 Lightning customers can choose between a standard-range battery with 98 kWh of usable capacity or an extended-range battery with 131 kWh of usable capacity.

- F-150 Lightning with a standard-range battery offers a targeted EPA-estimated range of 230 miles⁽³⁾
- The available extended-range battery offers a targeted EPA-estimated range of 300 miles⁽³⁾



INTELLIGENT RANGE AND POWER MY TRIP

📍 Entire Trip	555 mi 9:57
📍 Electrify America - Walmart Supercenter 208 mi · 3 hr 20 min 25 min · 13% → 🔋 66%	
➡ Turn right on Woodward Ave.	300 ft 0:09
↪ Make a slight right turn.	350 ft 0:23
➡ Turn right on Congress St W.	400 ft 0:28
↩ Turn left on Griswold St.	250 ft 0:17

The F-150 Lightning Intelligent Range system helps reduce range anxiety through an adaptive monitoring system that calculates the battery range needed to complete a trip. Intelligent Range factors in terrain, weather, cargo and trailer load, elevation changes and the distance to a destination. The data is shared with the cloud-based Ford Power My Trip feature and SYNC 4/SYNC 4A system, so customers can plan their routes and monitor charge use while driving. If range in miles starts to get low, the system will help the driver find the nearest available charging station.

TOWING AND PAYLOAD

F-150 Lightning offers 10,000 lbs.⁽⁵⁾ of towing with the available Max Trailer Tow Package and extended-range battery. With standard-range battery models, the trailer tow rating is 7,700 lbs.⁽⁴⁾ Maximum payload for F-150 Lightning is a targeted 2,000 lbs.⁽⁶⁾ with the standard-range battery and 1,800 lbs.⁽⁶⁾ with the extended-range battery.



TOW WITH CONFIDENCE



Customers can tow with a little less stress when equipping an F-150 Lightning with the Towing Technology Package, which includes:

- Integrated trailer brake controller
- Onboard Scales with Smart Hitch
- Pro Trailer Backup Assist
- Smart Trailer Tow Connector
- Trailer Reverse Guidance

Once equipped with the Towing Technology Package, an F-150 Lightning can be equipped with an individual trailer tire pressure monitoring system (TPMS) with customer-placed trailer camera.

PRO POWER ONBOARD

F-150 Lightning Pro and XLT include a standard 2.4-kW Pro Power Onboard system, providing 8 standard 120-volt outlets — 4 in the available Mega Power Frunk, 2 in the cargo bed and 2 inside the cab. When customers move up to the available 9.6-kW Pro Power Onboard system, one 240-volt outlet and 2 additional 120-volt plugs are added to the bed, for a total of 11 outlets.



SELECTABLE DRIVE MODES



F-150 Lightning has a single-speed transmission with four Selectable Drive Modes:

- Normal
- Sport
- Tow/Haul
- Off-Road

(1) Based on manufacturer testing using computer engineering simulations. Calculated via peak performance of the electric motors at peak battery power. Results may vary.

(2) Targeted performance reflects current status based on analytical projections consistent with US Automotive publication processes. Final performance times will be available in the 2022 calendar year.

(3) Excludes Platinum. Based on full charge. USA EPA-targeted range reflecting current status based on analytical projection consistent with US EPA combined drive cycle. Actual range varies with conditions such as external environment, vehicle use, vehicle maintenance, lithium-ion battery age and state of health. Final EPA-estimated ratings available in 2022 calendar year.

(4) Max. towing with available Max Trailer Tow Pkg. Max towing varies based on cargo, vehicle configuration, accessories and number of passengers.

(5) Max. towing on Pro, XLT and LARIAT models with available extended-range battery and Max Trailer Tow Pkg. Max towing varies based on cargo, vehicle configuration, accessories and number of passengers.

(6) Max. payload with 18" wheels. See label on doorjamb for carrying capacity of a specific vehicle.

NOTE: Horsepower, torque, payload, towing and EPA-estimated fuel economy ratings are independent attributes and may not be achieved simultaneously.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Performance and Capability

Powertrain Availability

Battery			Standard-Range (98 kWh)	Extended-Range (131 kWh)
Horsepower ⁽¹⁾			426	563
Torque (lb.-ft.) ⁽¹⁾			775	775
Automatic transmission			Single-speed	
Driveline			4x4	
Series	Cab	WB (in.)		
Pro	SuperCrew	145.5	S	O
XLT	SuperCrew	145.5	S	O
LARIAT	SuperCrew	145.5	S	O ⁽²⁾
Platinum	SuperCrew	145.5	—	S

S = Standard

O = Optional

— = NA

(1) Based on manufacturer testing using computer engineering simulations. Calculated via peak performance of the electric motors at peak battery power. Results may vary.

(2) Included in Equipment Group 511A.

NOTE: Horsepower and torque are independent attributes and may not be achieved simultaneously.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Performance and Capability

Charging

Keeping the F-150 Lightning charged and ready for the day's activities is designed to be quick and convenient. In addition to the Mobile Power Cord being standard on the F-150 Lightning, Ford has developed an all-new charging solution for faster recharging, especially with extended-range batteries. It's called Ford Charge Station Pro and offers a 240-volt connection charging at a rate of 80 amps. Customers have another excellent option with the 240-volt Ford Connected Charge Station wall box, which charges at a rate of 48 amps. With either solution, F-150 Lightning can be charged overnight — like a cell phone — in most cases. Check out the chart below for estimated charge times.



ESTIMATED CHARGE TIMES⁽¹⁾

Charging System	Charging Power	Standard-Range Battery (15%–full)	Extended-Range Battery (15%–full)	Range Per Hour of Charge (std.-/ext.-range battery; in miles)
Mobile Power Cord and dedicated 240-volt wall outlet	240-volt/30-amp	15 hours	20 hours	13/13 (—/12 for Platinum)
Ford Connected Charge Station	240-volt/48-amp	10 hours	13 hours	19/20
Ford Charge Station Pro	240-volt/80-amp	—	8 hours	—/30
DC Fast Charging — public charging stations only	150 kW	44 minutes (15%–80%)	41 minutes (15%–80%)	41/54 miles in 10 mins.

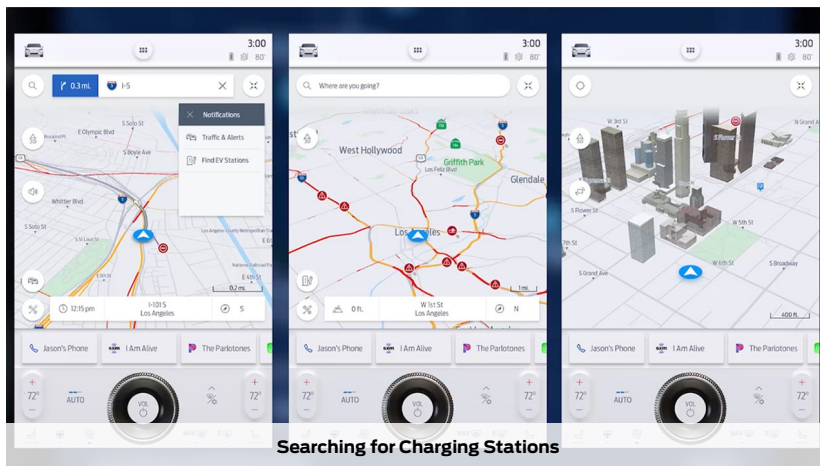
MILES OF RANGE PER HOUR OF CHARGE

Charge rates for Electric Vehicle Supply Equipment (EVSE) are expressed as miles of range per hour of charge. There is currently no standard abbreviation for miles of range per hour of charge, but a number of abbreviations are in common use.

Abbreviation	Meaning
rph	range per hour
mrph	miles of range per hour
mrphc	miles of range per hour of charge
mr/h	miles of range/hour

FORD CHARGE STATION PRO

The Ford Charge Station Pro is included with F-150 Lightning equipped with the extended-range battery⁽¹⁾ and offers the fastest home-charging option available. Charging on a 240-volt circuit at a delivery rate of 80 amps, the Ford Charge Station Pro can charge an extended-range battery from 15% to 100% in about 8 hours.⁽²⁾ Also, owners with Pro Power Onboard and the 9.6-kW electrical system have the ability to export power to their house, if necessary, in an emergency. The Ford Charge Station Pro is Wi-Fi and Bluetooth-enabled, allowing owners to unlock or lock the charge station from their smartphone, schedule a charge and track its progress remotely. Customers should also know this charge station is compatible with any Ford full EV, past or present.



Mustang Mach-E shown.

With either wall box solution, the customer can order their preferred charge station at the dealership and include it in their vehicle financing, through [Ford.com](https://www.ford.com) using the Order Now button or separately through [FordParts.com](https://www.fordparts.com). Customers will need a licensed electrician to install the unit.

FORD CONNECTED CHARGE STATION



Designed specifically for Ford EVs, the Ford Connected Charge Station wall box charges at 240 volts/48 amps and is hardwired to the customer's house or garage. The Connected Charge Station is also Wi-Fi and Bluetooth-capable. Owners with Ford+Alexa can also schedule their charges with voice commands. The product includes a 20-foot cable and can be installed in an indoor or outdoor setting. Customers will need a licensed electrician to install the unit.

MOBILE POWER CORD

All EV customers get a standard Mobile Power Cord, which is a 20-foot cord that can be plugged in to a 120-volt or 240-volt outlet and used to charge the vehicle battery. It is weather resistant and can be used in a garage or with an outdoor outlet (NEMA 14-50). The Mobile Power Cord can be stored in the vehicle when not in use.



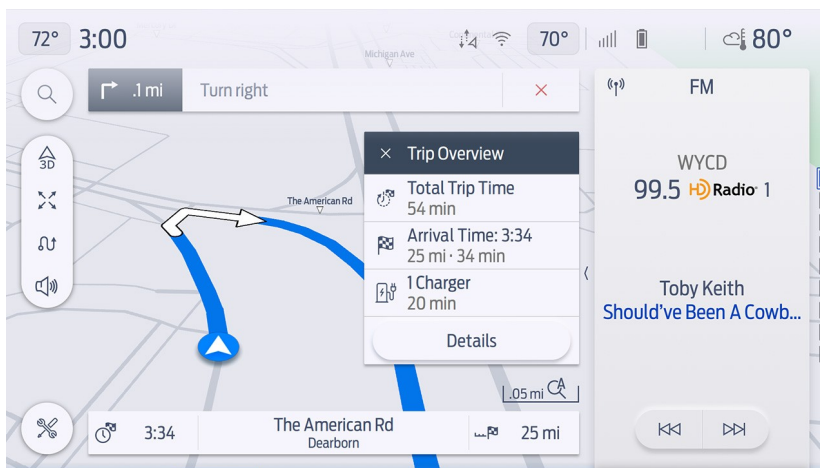
BLUE OVAL CHARGE NETWORK



If F-150 Lightning drivers have to charge on the road, they'll have access to easy plug-and-charge with the Blue Oval Charge Network — the largest public charging network in North America⁽³⁾ — with over 63,000 plugs at 19,500 stations and growing. Blue Oval Charge Network members can access public chargers at Electrify America and many other charging networks using the same account, which gives F-150 Lightning owners a wide-ranging network of DC fast charge and Level 2 charging stations. Owners can find the nearest charging station on their in-vehicle touchscreen or through their FordPass App.

INTELLIGENT RANGE

Every F-150 Lightning provides the innovative Intelligent Range feature, which displays the estimated remaining range⁽⁴⁾ and power usage based on factors such as the payload being carried, trailer being towed, terrain, traffic, weather, elevation changes and driving style. Intelligent Range can estimate the remaining miles and alert the owner if they need a charge to reach their destination.



STANDARDIZED PLUGS

The SAE J1772 five-prong plug type is the industry-standard configuration in North America and Europe. For DC fast charging, Ford owners can flip down the door in their charging port that allows the DC fast charging plug-in to be inserted.

WHAT IF _?

It is possible for an EV to run out of charge before the customer can make it to a charging source. In those cases, Ford has a backup plan. Ford Roadside Assistance service will tow the vehicle within a 35-mile radius to either the customer's home, the nearest public charging station or the nearest EV-certified Ford Dealer. Beyond the 35-mile radius, the vehicle will be taken to the nearest public charger or Ford dealership. The service is available for 5 years or 60,000 miles (whichever comes first), and it's accessible using the FordPass App or by calling 1-800-241-3673.



- (1) Ford Charge Station Pro will be delivered to customer through 3rd party supplier.
- (2) Range and charge time based on manufacturer computer engineering simulations and analytical projection consistent with US EPA combined drive cycle. The charging rate decreases as battery reaches full capacity. Results may vary based on peak charging times and battery state of charge. Actual range varies with conditions such as external environment, vehicle use, vehicle maintenance, lithium-ion battery age and state of health.
- (3) Based on original equipment manufacturers (OEM)/automotive manufacturers that sell all-electric vehicles and have publicly announced charging networks. Department of Energy data used. FordPass, compatible with select smartphone platforms, is available via a download. Message and data rates may apply.
- (4) Actual range varies with conditions such as external elements, driving behaviors, vehicle maintenance, lithium-ion battery age and state of health.
- (5) Roadside Assistance is included for certain owners and available to everyone for a per-service fee. Ford reserves the right to change program details without obligations. Ford Roadside Assistance is a complimentary offering to all Ford owners for up to 5 years or 60,000 miles (from the date of sale), whichever comes first. For EV owners: Beyond 35 miles, your vehicle will be taken to the closest public charger or EV Certified Ford Dealer.

The Bluetooth word mark is a trademark of the Bluetooth SIG, Inc.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Performance and Capability > Charging

= FORD ELECTRIFIED VEHICLE EXCLUSIVE

10.5-kW and 17.6-kW Onboard Charger

- F-150 Lightning models equipped with a standard-range battery include 10.5-kW Onboard Charger hardware, which provides the capability of accepting both AC (alternating current) and DC (direct current) electricity

- Models equipped with the extended-range battery include 17.6-kW dual Onboard Charger hardware
- Connects to external charge port and lithium-ion battery
- Converts AC electricity supplied at the external charge port, either 120- or 240-volt, to DC voltage as required by the lithium-ion battery
- When using DC fast charge, no conversion is needed because the electrical current supplied is already DC

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Performance and Capability > Charging

 = FORD ELECTRIFIED VEHICLE EXCLUSIVE

Amps, Volts and Watts

WATTS, KILOWATTS AND KILOWATT-HOURS

A watt is the basic unit of electricity, and a kilowatt is 1,000 watts. Watts are the product of volts and amps (volts x amps = watts). If you have two of the ratings, you can always get the third: watts divided by volts gives amps; watts divided by amps gives volts. Kilowatt-hour (kWh) expresses the usage (or supply) of 1 kilowatt of electricity over an hour of time and is used as a rating both for battery capacity and for charger ability.

Charging speeds are often expressed in kilowatts (kW). The higher the kW, the faster the charging speed. Charging speed is limited both by the limits of the charging equipment and the limits of the receiving equipment, as well as environmental factors (cold batteries charge slower).

AMPERAGE (AMPS)

Amperage (amps) expresses the maximum flow of current. Like water through plumbing, amperage can be thought of as being similar to the diameter of a pipe — the larger the diameter, the more water can flow. Similarly, the higher the amperage, the more current can flow.

VOLTAGE (VOLTS)

Voltage (volts) expresses the amount of current flowing. Like water through plumbing, voltage can be thought of as being similar to the pressure of water flowing through a pipe — the higher the pressure, the greater the push to the water. Similarly, the higher the voltage, the greater the push to the current.

HOME WIRING

Normal household current in the U.S. is nominally 120 volts, but can vary depending on various factors. A standard EV charge cord, known as Electric Vehicle Supply Equipment (EVSE), uses 120-volt current charges at a Level 1 rate. Big appliances, like electric ovens and clothes dryers, need more current and use 240-volt circuits. A 240-volt circuit is considered a Level 2 charge, which can be installed by a certified electrician.

Basic Level 2 EVSEs start at 16 amps, though most professional installers will recommend a larger 30- or 40-amp system.

Building codes require that the wiring circuit supplying the electricity be rated higher than the EVSE to account for losses that occur as the power flows into the vehicle. The amperage rating determines the type of wire used (ROMEX gauge), as well as the breaker installed at the box. The National Building Code requires 20 percent of “headroom” on the circuit, so the electrician installing a 30-amp system will wire the circuit from the home power service to handle 40 amps and will install a 40-amp circuit breaker. A 40-amp EVSE will need a 50-amp breaker, and an 80-amp unit will require a 100-amp breaker. A standard NEMA 14-50 circuit can deliver 40 amps and will have a 50-amp breaker. For EV charging, the recommendation is to have a dedicated 240-volt circuit installed that will not be shared with any other appliances.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Performance and Capability > Charging

= FORD ELECTRIFIED VEHICLE EXCLUSIVE

DC Fast Charge Capability

- F-150 Lightning is compatible with public DC fast charge stations up to 150 kilowatts (kW) with an SAE Combined Charging System (CCS) connector
 - An SAE-compliant plug configuration is common among U.S. and European-made vehicles
- Time to charge and price depend on the charge station
- DC fast charging can charge the battery from 15% to 80% in under 45 minutes when using a charger capable of 150 kW⁽¹⁾
- Once the battery achieves 80% state of charge during DC fast charging, the charge rate will dramatically slow down to protect the battery
 - The vehicle can continue charging to a 100% charge level
- When DC fast charging, the cord is locked and cannot be removed until manually unlocked from the charge port



CHARGE PORT

DC fast charging requires a specific plug configuration, which comes standard on F-150 Lightning. It is accessible by flipping down the cover in the charge port for the two additional pins. This SAE Combo-style

- If a DC fast charge is stopped or interrupted, the charge cord must be manually unlocked from the charge port to be removed
 - The charge cord Unlock button is located on the center console or in the charge port area
 - Can also be unlocked with an icon in Vehicle Settings in the center-stack touchscreen
 - The charge cord automatically unlocks if the charge level reaches 100%

plug complies with all DC fast charging standards in the FordPass Charging Network.

TESLA DC FAST CHARGE

Tesla has its own DC fast charging plug, which is not SAE compliant, so F-150 Lightning owners cannot charge at Tesla “Supercharger” locations.

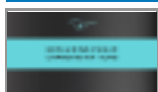
CHADEMO DC FAST CHARGE

The F-150 Lightning cannot charge on CHAdeMO chargers. The CHAdeMO connector is commonly used on electric vehicles sold by Nissan, Mitsubishi and Toyota.

(1) Charge time based on manufacturer computer engineering simulations. The charging rate decreases as battery reaches full capacity. Results may vary based on peak charging times and battery state of charge.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

Feature Resources



VIDEO

Explaining Public Charging Options

2022 F-150 Lightning > Performance and Capability > Charging

= FORD ELECTRIFIED VEHICLE EXCLUSIVE

External Charge Port and Charge Status Indicator

- The F-150 Lightning charge port is located on the driver's side of the vehicle and is how a customer “refuels” the vehicle with electricity
- The charge port door conveniently pushes to open with a simple touch
 - Using your finger or thumb, press on the top right corner of the door — it will swing open on the hinge, similar to a fuel door
 - To close the door, swing it back to the closed position and press the top right corner until it clicks into place
- The lithium-ion battery state of charge is shown by an LED charge status indicator light to the right of the charge port — visible when the charge port door is open
 - The LED charge status indicator is divided into five segments that represent 20% intervals and fully charged lithium-ion battery status
 - When charging, the charge status ring is white and one segment will be blinking. When the charge is complete, the entire ring will be illuminated and blue in color

SETTINGS

- Owners can select from three illumination settings for the charge status indicator: On, Off or Limited
- Vehicle default setting is On, which illuminates the charge status indicator when:
 - Plugging in
 - Opening doors
 - Pressing the Unlock button on the key fob
 - Actively charging
- Settings can be accessed from the 15.5" portrait-style center-stack screen main menu by going to Settings > Vehicle Settings > Charge Status Indicator

LED Charge Status Indicator

Setting	Function
---------	----------

- When the vehicle is initially plugged in, the charge status indicator will flash twice in sequence and then glow, confirming the charging coupler has been detected and that charging is in progress
- When plugging in, the charge coupler button will “click,” confirming the charge port and charge coupler are engaged
 - Charging is complete when all five segments are solidly lit and not flashing
 - The charge status indicator will shut off one minute after the lithium-ion battery reaches a full charge
- Charge status can be checked by pressing the Unlock button on the key fob or when opening one of the vehicle doors
 - The charge status indicator will illuminate the corresponding segment(s), indicating the lithium-ion battery’s current state of charge
 - If charge is below 20 percent, the charge status indicator will not illuminate

On	<ul style="list-style-type: none"> • All features of the charge status indicator are operational
Off	<ul style="list-style-type: none"> • All features of the charge status indicator are turned off • Charging of the vehicle is not affected
Limited	<ul style="list-style-type: none"> • 2 features of the charge status indicator are operational; the LED indicator will flash when: <ul style="list-style-type: none"> ▪ Plugging in (Cord Acknowledgement) ▪ Opening doors or pressing the Unlock button on the key fob (Charge Status) • Charging of the vehicle is not affected

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Performance and Capability > Charging

= FORD ELECTRIFIED VEHICLE EXCLUSIVE

Mobile Power Cord (120-Volt/240-Volt)

- With the standard Mobile Power Cord with switchable cord end and the charge port, F-150 Lightning plugs into any properly fused 120-volt or 240-volt wall outlet
- The Power cord is 20 feet in length, not including the charger, connector or adapter
- When plugged into a 120-volt outlet, provides approximately 2 miles of range per hour of charge⁽¹⁾
- When plugged into a 240-volt outlet, provides approximately 12-13 miles of range per hour of charge⁽¹⁾ depending on the battery

MAKE THE POINT: MOBILE POWER CORD

Share with your customers the following points on proper use of the standard 120-volt Mobile Power Cord:

- Do not use the cord with an extension cord or adaptor
- 120-volt wall outlets must be 3-prong, properly grounded, up to 15 amps and in good condition
- 240-volt outlets must be NEMA 14-50, up to 30 amps and in good condition
- Home outlets for EV charging should be dedicated — with no other home appliances connected to the same circuit
- Always plug the cord into the AC outlet before connecting the charge cord coupler into the vehicle's charge port
- Do not pull the plug from the AC outlet while the vehicle is charging



(1) Extended-range battery. Range and charge time based on manufacturer computer engineering simulations and EPA-estimated range calculation methodology. The charging rate decreases as battery reaches full capacity. Your results may vary based on peak charging times and battery state of charge. Actual vehicle range varies with conditions, such as external environment, vehicle use elements, driving behaviors, vehicle maintenance, lithium-ion battery age and state of health.

NOTE: For availability of product features, please see Availability by Model and/or the **Dealer Ordering Guide**.

2022 F-150 Lightning > Performance and Capability > Charging

 = FORD ELECTRIFIED VEHICLE EXCLUSIVE

SAE Standard J1772 Charge Coupler

The Society of Automotive Engineers (SAE) has set North American standard SAE J1772⁽¹⁾ for electric vehicle connectors. The standard covers general physical, electrical, communication protocol and performance requirements for the electric vehicle conductive charge system and coupler.

(1) Formal title: SAE Surface Vehicle Recommended Practice J1772 SAE Electric Vehicle Conductive Charge Coupler.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Performance and Capability > Charging

= FORD ELECTRIFIED VEHICLE EXCLUSIVE

Value Charging

Value Charging enables plug-in vehicle owners to access current rate information as available from their local utility company.⁽¹⁾ Encourage customers to contact their local utility company for more information.

MAKE THE POINT: CHARGE TIME AND EFFICIENCY⁽²⁾

Explain to customers that a shorter charge time could translate into greater efficiency. A full charge can take approximately 95+ hours using a 120-volt outlet, while using a 240-volt outlet with the standard-equipped mobile cord can provide a full charge in approximately 15 hours. The optional 80-amp Ford Charge Station Pro can decrease charge time to approximately 10 hours. Because certain vehicle systems, such as cabin preconditioning, are in use when the vehicle is charging, 120-volt convenience charging may lose some efficiency compared to a 240-volt method. Even with the longer charging time using the 120-volt convenience cord, it may still be cost effective to use electricity over gasoline.

(1) Based on local utility participation.

(2) Charge time based on manufacturer computer engineering simulations. The charging rate decreases as battery reaches full capacity. Results may vary based on peak charging times and battery state of charge.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Performance and Capability > Full Electric Powertrain

= FORD ELECTRIFIED VEHICLE EXCLUSIVE

Advanced Liquid Heating and Cooling System

- Regulates lithium-ion battery temperature and helps maximize battery life
- Enables the vehicle control system to automatically precondition lithium-ion battery temperature during daily charging and driving
 - The onboard pump circulates coolant through channels in the lithium-ion battery's outer case

- Depending on temperature conditions, the liquid is heated or cooled as required and then circulates within the cooling system that surrounds the lithium-ion battery
- When plugged in, the vehicle control system is able to warm up or cool down the lithium-ion battery, providing optimal lithium-ion battery temperature for charging
- When the vehicle is in motion, the liquid heating and cooling flow through the lithium-ion battery and condition it for maximum performance
- Since acceleration in an electric vehicle comes from the power available in the lithium-ion battery, maintaining the optimal lithium-ion battery temperature will help provide better lithium-ion battery performance
- Owners may hear the pump running when the vehicle is parked or while driving
 - **This is normal** – the system is working to maintain lithium-ion battery temperature

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Performance and Capability > Full Electric Powertrain

= FORD ELECTRIFIED VEHICLE EXCLUSIVE

Dual Electric Motors

- Provide power to the 4x4 drivetrain
- Used as a generator to recover energy during deceleration or braking to recharge the lithium-ion battery

POWER RATINGS

Standard-Range Battery

426
horsepower⁽¹⁾
(98 kW)

775
lb.-ft. of torque⁽¹⁾

Extended-Range Battery

563
horsepower⁽¹⁾
(131 kW)

775
lb.-ft. of torque⁽¹⁾

(1) Based on manufacturer testing using computer engineering simulations. Calculated via peak performance of the electric motors at peak battery power. Results may vary.

NOTE: Horsepower and torque are independent attributes and may not be achieved simultaneously.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Performance and Capability > Full Electric Powertrain

= FORD ELECTRIFIED VEHICLE EXCLUSIVE

Lithium-Ion Battery

- Sole source of power for the dual electric motors
- 98 kWh of usable capacity with a standard-range battery
- 131 kWh of usable capacity with an extended-range battery
- Charge status can be monitored several ways
 - Using the external charge port charge status indicator when the vehicle is plugged in or by pressing the Unlock button on the key fob (when charge port door is open)
 - In the 12" digital instrument cluster
 - In the center-stack screen
 - Remotely through the FordPass App⁽¹⁾
- Advanced liquid heating and cooling system preconditions the lithium-ion battery for maximum performance
 - Can be preconditioned remotely for even greater convenience⁽²⁾
- Located under the vehicle floor to maximize cargo-carrying capacity⁽³⁾

ENGINEERING INSIGHT: END OF LIFE VEHICLE SOLUTIONS CORPORATION (ELVS) BATTERY RECYCLING PROGRAM

Ford is helping to develop the high-voltage battery (HVB) end-of-life recycling infrastructure in the U.S. by providing educational material on battery removal, transportation and recycling, as well as a call center for end-of-life vehicle dismantlers through ELVS. More information can be found on the ELVS website at www.elvsolutions.org or by calling 1-877-225-ELVS.

MAKE THE POINT: MAXIMIZING LITHIUM-ION BATTERY PERFORMANCE

Share with your customers that lithium-ion battery performance can be enhanced by following a few simple tips:

- Leave time to charge and thermally condition the lithium-ion battery before next use
- Plug the vehicle in when ambient temperatures are low (<50° F) or high (>80° F)
- Ensure the vehicle is not exposed to extreme temperatures for long periods of time by keeping it in a garage if possible, to help maintain moderate temperatures
- Make sure the vehicle is stored properly
 - If storing the vehicle for 30 days or more, the lithium-ion battery charge should be above 25% and the low-voltage (underhood) battery negative terminal should be disconnected
 - If storing the vehicle for 3 months or longer, the lithium-ion battery charge should be between 80% and 100% and the low-voltage (underhood) battery negative terminal should be disconnected

(1) FordPass Connect, the FordPass App and complimentary Connected Services are required for remote features (see FordPass Terms for details). Connected service and features depend on compatible AT&T network availability. Evolving technology/cellular networks/vehicle capability may limit functionality and prevent operation of connected features. Connected service excludes Wi-Fi hotspot.

(2) Effectiveness of cabin conditioning may be reduced by extreme outside temperatures or when using 120-volt charging.

(3) Cargo and load capacity limited by cargo weight and weight distribution.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Performance and Capability > Full Electric Powertrain

= FORD ELECTRIFIED VEHICLE EXCLUSIVE

Single-Speed Transmission

- Engineered and built specifically to handle the high rpm range of the electric motors
- Provides a quiet, energy-efficient drive
- Delivers immediate responsiveness and smooth acceleration
- Fixed gear ratio works directly with the electric motors
 - Multiple gear ratios, like those in a standard automatic transmission, are not required
 - Motor torque is directly responsive to driver accelerator pedal input



ENGINEERING INSIGHT: SINGLE-SPEED TRANSMISSION

- F-150 Lightning utilizes a combination of electric traction motors and single-speed transmission
- The dual eMotors offer 100% of its available torque at 0 rpm, which translates into immediate responsiveness and smooth acceleration at driver accelerator input
 - Torque generally increases up to a certain rpm, then decreases as the engine spins beyond that speed. That's where a transmission with multiple gear ratios comes in handy — it helps maintain engine speed within the optimal rpm range as the vehicle speed varies
- In an all-electric vehicle, the motor either goes faster or slower, relying on driver accelerator input

KEY TRANSMISSION FEATURES

- **Automatic return to Park**
- **Stay in Neutral mode**

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Performance and Capability > Full Electric Powertrain > Single-Speed Transmission

Automatic Return to Park

Automatic Return to Park will automatically shift the vehicle into Park (P), under specific conditions, to help reduce the potential for vehicle rollaways.

SYSTEM DETAILS

- This feature will automatically shift the vehicle into Park (P) when any of the following conditions occur:
 - The vehicle is turned Off
 - The driver's door is opened with the driver's safety belt unlatched
- If the vehicle is turned Off while moving, the transmission will first shift into Neutral (N) until it slows down enough to shift into Park (P) automatically
- If the driver waits an extended period of time (2-15 minutes) before starting the vehicle, unlatching the driver's safety belt will activate this feature, even with the driver's door closed

NOTE: See Owner's Manual for system limitations.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Performance and Capability > Full Electric Powertrain > Single-Speed Transmission

Stay in Neutral Mode

Stay in Neutral Mode allows your vehicle to stay in Neutral (N) when you exit your vehicle. Your vehicle must be stationary to enter this mode.

TO ENTER STAY IN NEUTRAL MODE

- Place the shifter in Neutral (N)
- A message will appear on your Information Display screen prompting you to press the Manual Mode (M) button
- Press the Manual Mode (M) button again to enter Stay in Neutral Mode
- A message will appear on your Information Display screen when your vehicle has entered Stay in Neutral Mode

TO EXIT STAY IN NEUTRAL MODE

- Apply the brake and select a different gear

NOTE: Always put your vehicle in Stay in Neutral Mode when entering an automatic car wash. Failure to do this could result in vehicle damage not covered by warranty.

NOTE: Stay in Neutral Mode is a temporary vehicle state with the ignition Off. Once in this mode, sufficient battery voltage must be maintained or your vehicle returns to Park.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Performance and Capability

Pro Power Onboard

Pro Power Onboard features portable electrical power, with up to 11 outlets for power tools or camping gear when equipped with the 9.6-kW system included with the XLT 312A, LARIAT and Platinum models.

⁽¹⁾ Outlet locations include:

- 120-volt outlets: 4 in the front trunk, 2 in the cab and 4 in the cargo bed
- 240-volt outlet: 1 in the bed



Pro Power Onboard provides enough power to plug in a circular saw, miter saw, ½-hp air compressor, generator, drill or flood light. It can also power TVs, audio systems, a small refrigerator or even a portable hot tub.

The 2.4-kW system is standard on Pro and XLT 311A and provides 8 power outlets.

(1) See Owner's Manual for important operating instructions.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Performance and Capability > Efficiency and Range

EPA-Estimated Ratings

EPA-Estimated Ratings ⁽¹⁾	
Powertrain	City/Hwy/Combined MPGe
Dual eMotors/4x4/standard-range battery	To Be Announced
Dual eMotors/4x4/extended-range battery	To Be Announced

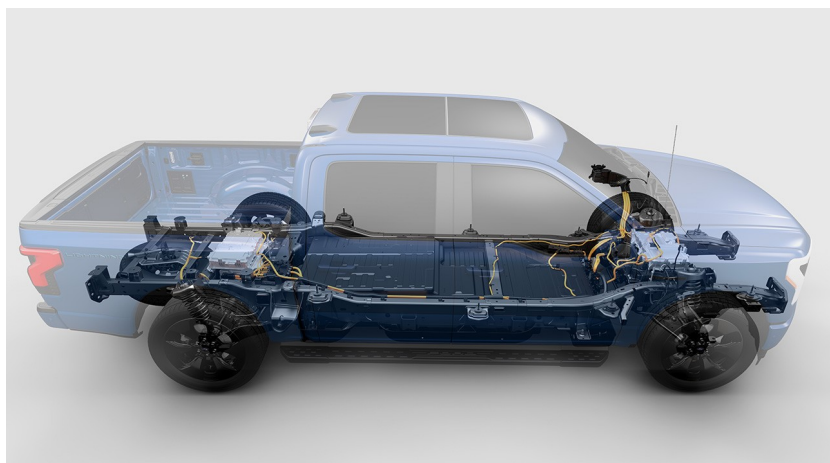
(1) Actual mileage will vary. MPGe is the EPA equivalent measure of gasoline fuel efficiency for electric mode operation.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Performance and Capability > Chassis

Coil-Over-Shock Double-Wishbone Front Suspension

- Provides steering stiffness and roll damping, allowing for precise suspension tuning, steering response and vehicle control
- Stamped-steel lower control arms for added strength
- Specially designed control arm bushings provide lateral stiffness (for side-to-side forces), yet are tuned soft for response to road impacts (front-to-back forces), providing



a smooth ride without increased side-to-side “skate”

- Bushings attached to the front stabilizer bar allow for crisp steering response while maintaining a smooth ride

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Performance and Capability > Chassis

Electric Power-Assisted Steering (EPAS)

Electric power-assisted steering (EPAS) is an electric speed-sensitive steering-assist system that provides light, responsive steering when parking, or less assist at higher speeds for more confident control.

ACTIVE NIBBLE CONTROL

- Uses EPAS system sensors to continuously monitor steering wheel inputs
- When sensors detect steering wheel rotational vibration — or nibble — EPAS counteracts the nibble and seamlessly cancels it out
- Helps reduce the number of minor steering corrections caused by the steering nibbles and helps provide a more comfortable driving experience

PULL-DRIFT COMPENSATION

- Uses EPAS to help continuously correct for road irregularities and improve overall steering feel
- Continuously “learns” and adapts to steering conditions and compensates for changes that can cause the vehicle to pull left or right
- Reduces steering effort required when driving on crowned roads or in heavy side winds

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Performance and Capability > Chassis

Electronic-Locking Rear Differential

- Differential lock is activated by pulling the switch outward
- An electromagnetic coil activates a mechanical lock inside the rear differential

housing to solidly lock the rear axle shafts together

- Once the axle shafts are locked, torque is equally distributed to each rear wheel, forcing the wheels to turn at the same speed

ELECTRONIC-LOCKING REAR DIFFERENTIAL OPERATING SPEED

- The electronic-locking rear differential is a low-speed traction device, and disengage speeds are set considering vehicle stability in low-speed slippery conditions with the system engaged

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Performance and Capability > Chassis

Four-Wheel Disc Brakes with Anti-Lock Brake System (ABS)

Four-wheel disc brakes deliver excellent stopping power and braking feel. The Anti-Lock Brake System (ABS) helps vehicle steering control in severe braking maneuvers under a variety of weather conditions. All combined, these features help provide straight and controlled stops.

MORE DETAILS

- Large vented rotors on all 4 wheels for excellent fade resistance and consistent braking performance
- Brake pads are made of high-friction, non-asbestos, organic lining material that helps provide outstanding stopping power
- Front calipers use 2.13" diameter pistons for excellent effectiveness and brake pedal feel
- Combined with large rotors, the result is confident braking performance in stop-and-go driving or while towing

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Performance and Capability > Chassis

High-Strength, Military-Grade Aluminum-Alloy Body and Box

- Body and box are made of 6000 series high-strength aluminum alloy
- Key enabler to outstanding payload and towing capability

MAKE THE POINT: ISOLATING ALUMINUM PARTS AND ADDING AFTERMARKET ACCESSORIES

Be sure your customers know that if they add an aftermarket rack or other accessory, it must be done in

- Thick body panels provide excellent resistance to dents and dings
- Engineered reinforcement panels beneath the aluminum help withstand impacts
- Aluminum is naturally resistant to rust and forms a protective layer of oxidation when it corrodes — this means no rust-through perforation or “red rust” like steel

a way that keeps aluminum parts isolated from steel metals. This is not difficult, and instructions on how to do this are readily available. The BoxLink system helps simplify this.

ENGINEERING INSIGHT: ALUMINUM AND STEEL

Through years of innovation and refinement, Ford engineers have developed a way to join high-strength, military-grade aluminum-alloy body exterior panels to the high-strength steel frame. Innovative methods of material fastening are used, including self-piercing rivets, laser brazing, aluminum spot welding and adhesives. Additionally, a process known as “e-coating” helps eliminate corrosion issues that are common with steel-to-aluminum contact.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Performance and Capability

Payload and Towing

- When properly configured, F-150 Lightning is designed to deliver serious real-world capability
- Maximum payload rating is 2,000 lbs. with the standard-range battery⁽¹⁾
- Trailer towing packages offer increased towing capability and ease of use
- Maximum trailer towing capability of 10,000 lbs. when equipped with the extended-range battery and the Max Trailer Tow Package⁽²⁾
- Intelligent Range with Power My Trip helps provide peace of mind for battery range, especially when towing and hauling



(1) Based on standard-range battery and 18" wheels. See label on door jamb for carrying capacity of a specific vehicle.

(2) Max towing on Pro, XLT and LARIAT models with available extended-range battery. Max towing varies based on cargo, vehicle configuration, accessories and number of passengers.

NOTE: Payload and towing are independent attributes and may not be achieved simultaneously.

NOTE: Refer to the latest RV & Trailer Towing Guide for trailer weight ratings by engine/model.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).



[2022 F-150 Lightning](#) > [Performance and Capability](#) > [Payload and Towing](#)

Maximum Payload

Maximum Payload Weight Ratings (lbs.) ⁽¹⁾	
Battery	
Standard-range battery	2,000 lbs.
Extended-range battery	1,800 lbs.

(1) Maximum payload will vary based on cargo, vehicle configuration, accessories and number of passengers. See label on doorjamb for carrying capacity of a specific vehicle.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

[2022 F-150 Lightning](#) > [Performance and Capability](#) > [Payload and Towing](#)

Maximum Trailer Towing

Maximum Trailer Tow Ratings (lbs.) ⁽¹⁾	
Battery	Conventional
Standard-range battery	7,700 lbs.
Extended-range battery	10,000 lbs.

(1) Maximum towing varies based on cargo, vehicle configuration, accessories and number of passengers.

NOTE: Refer to the latest RV & Trailer Towing Guide for trailer weight ratings by engine/model.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

[2022 F-150 Lightning](#) > [Performance and Capability](#) > [Payload and Towing](#)

Onboard Scales with Smart Hitch

Onboard Scales with Smart Hitch provides real-time weight estimates of the total vehicle weight and cargo weight of an F-150 Lightning, including the Mega Power Frunk. Plus, Smart Hitch measures and displays the trailer tongue load weight. The weight information is displayed on the center-stack touchscreen and via the FordPass App. Combined with Smart LED taillamps that provide a visual cue similar to a battery charge indicator, this system helps the customer know how much they're hauling, taking the guess work out of knowing if the truck is within the maximum ratings. If the lights are blinking, then the load is too heavy. This system works with all trailer styles.



NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Performance and Capability > Payload and Towing

Pro Trailer Backup Assist

The 360-Degree Camera with Split-View Display provides the driver a view of what is directly in front of or behind the vehicle, as well as cross-traffic views in front of and behind the vehicle. In addition, the driver can see a top-down view of the area outside the vehicle, including blind spots. The system uses cameras mounted in the front grille, near the tailgate or liftgate handle, and sideview mirrors to give the driver a continuous view of everything around the vehicle. It can also include front and/or rear camera washers.



AVAILABILITY

LEARN MORE ABOUT THIS TECHNOLOGY

	Pro	XLT	LARIAT	Platinum
Pro Trailer Backup Assist	O	O	O	S

NOTE: Driver-assist features are supplemental and do not replace the driver's attention, judgment and need to control the vehicle. It does not replace safe driving.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Performance and Capability > Payload and Towing

Smart Trailer Tow Connector

- Provides drivers with trailer connection status, lighting and trailer battery alerts/warnings
- Alerts/warnings are displayed in the productivity screen
- Included in both towing packages

Message Displayed	Action
Trailer Connected	A correct trailer connection is sensed during a given ignition cycle.
Trailer Disconnected	A trailer connection becomes disconnected, either intentionally or unintentionally, and has been sensed during a given ignition cycle.
Trailer Left Turn Lamps Fault Check Lamps	There is a fault with your trailer turn lamp. Check your lamp.
Trailer Right Turn Lamps Fault Check Lamps	There is a fault with your trailer turn lamp. Check your lamp.
Trailer Battery Not Charging See Manual	There is a fault with your trailer battery. See the Owner's Manual.
Trailer Lighting Module Fault See Manual	There is a fault with your vehicle trailer lighting module. See the Owner's Manual.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

Feature Resources



VIDEO
[Smart Trailer Tow Connector](#)

2022 F-150 Lightning > Performance and Capability > Payload and Towing

Towing the Vehicle

Four-Wheel-Down Towing

- Four-wheel-down towing, also known as flat/neutral towing, refers to towing a vehicle with all four of its wheels on the ground – for example, when towing a vehicle behind an RV (recreational towing)
 - F-150 Lightning **DOES NOT** offer four-wheel-down capability

Vehicle	Four-Wheel-Down Capability	Dolly-Tow Capability	Emergency Towing (Recommended)
F-150 Lightning	No	No	Flatbed equipment for all configurations

Dolly-Towing

- Dolly-towing allows owners to tow their vehicle behind an RV or motorhome if they are unable to four-wheel-down their vehicle
 - F-150 Lightning **DOES NOT** offer dolly-tow capability
- If the vehicle becomes inoperable (without access to wheel dollies, car-hauling trailer or flatbed transport vehicle), it can be towed with all wheels on the ground (four-wheel-down) under the following conditions:
 - The vehicle is facing forward for towing in a forward direction
 - Place the shifter in Neutral (N) and select "Neutral Tow" in the center-stack screen to prevent damage to the drivetrain
 - Maximum speed is 35 mph
 - Maximum distance is 50 miles
- Refer to the RV & Trailer Towing Guide and the vehicle Owner's Manual for complete details and restrictions

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Performance and Capability > Payload and Towing

Trailer Brake Controller

- Factory-installed and warranted by Ford Motor Company
- Fully integrated into the instrument panel and the vehicle's onboard computer
- Ensures smooth and effective trailer braking by powering the trailer's electric brakes with a proportional output based on the towing vehicle's brake pressure
- Controller adapts its output based on the status of the Anti-Lock Brake System (ABS)
- When the ABS module senses the towing vehicle's brakes are approaching lockup, the controller's braking strategy changes to compensate for traction conditions, reducing the risk of trailer brake lockup
- Provides instant visual/audible warning in case of accidental trailer disconnect
- Includes the following user indicators in the message center:
 - Trailer connection indicator
 - GAIN setting display
 - OUTPUT bar graph
- Manual control lever and +/- (GAIN adjustment) buttons located on the instrument panel allow the trailer brakes to be manually applied and adjusted for enhanced performance

Ford-Tested Trailer Brake Controller Compatibility		
Brand	Series	EOH Model Number
BrakeRite	EHB	4822500 (drum) 4813100 (disc)
ActiBrake	AB-1	AB-1-8 (drum) AB-1-14 (disc) AB-1-16 (heavy-duty)
HydraStar	HBA	HBA10 (drum) HBA12 (disc) HBA16 (heavy-duty)
TowBrake	HD	HD3000

INCLUDED WITH

- Max Trailer Tow Package (53D)
- Tow Technology Package (17V)

ENGINEERING INSIGHT: ELECTRIC-OVER-HYDRAULIC (EOH) TRAILER BRAKES

What Are EOH Brakes?

- Electric-Over-Hydraulic trailer brakes, more commonly known as EOH, differ from the more common electric trailer brakes
- EOH brakes are operated by an electrically powered pump that pressurizes a hydraulic fluid reservoir
- The fluid reservoir pressurizes either a wheel cylinder (drum brakes) or a caliper (disc brakes) in much the same way a vehicle master cylinder applies pressure to the braking system

What You Should Know

- EOH trailer brakes are considerably more expensive than electric trailer brakes, but offer benefits desirable to certain customers, including:
 - Smoother operation
 - More responsive/predictable braking
 - Resistant to operation in wet environments (such as boat trailers)
- The factory-installed trailer brake controller is already compatible with certain EOH systems in the trailer marketplace
- EOH trailer brakes are becoming more common in the trailer marketplace, so be sure to determine if the customer uses an EOH-equipped trailer since the Ford TBC would be a strong sales advantage

NOTE: Ford trailer brake controller (TBC) has verified compatibility with trailers (one to four axles) utilizing electrically actuated drum brakes and certain Electric-Over-Hydraulic (EOH) actuated drum or disc brake systems. See the chart for Ford-verified brands and model numbers of TBC-compatible EOH brake systems. There may be other EOH brake systems not shown in the chart. Those systems have not been Ford compatibility tested with the TBC and are not recommended for use. Ford TBC is not compatible with any trailer equipped with a surge-type brake system.

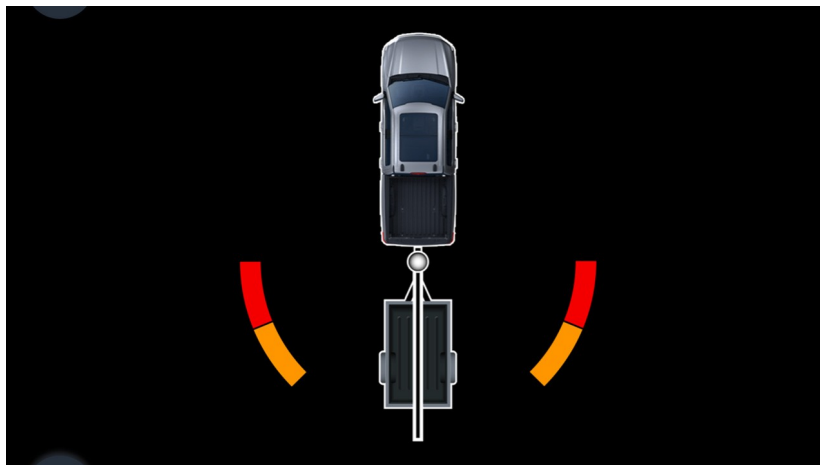
NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Performance and Capability > Payload and Towing

Trailer Reverse Guidance

Trailer Reverse Guidance utilizes five high-resolution cameras to provide multiple views, along with helpful graphics that tell you which way to turn the steering wheel while backing up a trailer.

- Requires a quick, one-time setup of the trailer
- Available as part of the Tow Technology Package (17V)



NOTE: Driver-assist features are supplemental and do not replace the driver's attention, judgment and need to control the vehicle. It does not replace safe driving.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning

Exterior

The 2022 F-150 Lightning bears a family resemblance to its gas-powered siblings thanks to its strong, sculpted, rugged appearance. F-150 Lightning also has its own design cues that help it stand out in a crowd, including an exclusive exterior color choice — Iced Blue Silver. The light bar over the grille provides a signature visual feature, and the waterfall-style hood with power open-and-close makes it easy to load the Mega Power Frunk in front of the truck. All models come with a SuperCrew cab and 5.5' cargo bed.



KEYS TO THE DESIGN

In Front

The bold light bar stretching across the front end provides a powerful symbol of this truck's all-electric foundation and frames the LED headlamps. The smooth grille treatments with the geometric ion design offer a Lightning-specific look and help distinguish the trim levels. The power dome hood and grille assembly are joined together so that customers can conveniently access the 400-liter (14.1-cu. ft.) Mega Power Frunk.



Along the Side

F-150 Lightning features specific wheel designs, ranging from 18" machined aluminum wheels on Pro and XLT to 20" Dark Carbonized Gray-painted aluminum wheels on XLT 312A and LARIAT. Platinum features 22" bright-machined aluminum wheels with black-painted pockets. The fender emblem forward of the front doors is a body-color badge — a variation from the gas-powered F-150. Extended running boards with enhanced lighting are included on XLT and LARIAT; power deployable running boards are available on XLT, LARIAT and Platinum.

At the Rear

F-150 has available Zone Lighting, which allows owners to selectively light up the area behind the truck — plus the front and sides — which helps when loading the bed or hitching a trailer after dark. The power open/close tailgate includes the Tailgate Work Surface when open — these features are standard on LARIAT and Platinum, and available on XLT 312A. LED taillamps are standard and body-color bumpers are featured starting on XLT. LARIAT and Platinum feature distinctive LED rear signature lighting, as shown in the image.



ZONE LIGHTING



Zone Lighting allows customers to illuminate the four primary zones around the outside of the truck — the front, each side and rear. They can control the system from the center-stack touchscreen in the vehicle or from their FordPass App. Customers can select one, two, three or all four areas to light up. The side lighting emits from the sideview mirrors and the rear of the fixed running boards.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Exterior

Active Air Dam

The Active Air Dam is an innovative standard feature that helps make the F-150 Lightning aerodynamically efficient.

HOW IT WORKS

- The Active Air Dam automatically deploys at speeds above 40 mph — a speed where

aerodynamics are most essential to efficiency

- When lowered, the Active Air Dam directs air below the underbody components to streamline the flow
- At lower speeds, the Active Air Dam remains retracted for greater ground clearance
- The feature can be locked in the fully retracted position for off-roading

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Exterior

BoxLink

- Helps increase productivity with available ramps and universal attachments that can be configured in dozens of ways
- Provides a universal interface with 4 premium locking tie-down cleats
- Reinforced box sides in 4 places to better support tools and accessories
- Enables attachment of aftermarket items, such as a bed divider or stowable loading ramps
 - Stowable loading ramps can be mounted quickly on the tailgate for easy loading of ATVs, motorcycles or mowers
 - Ramps slide securely into place on the tailgate, allowing quick adjustment of width between ramps; angle can be adjusted by extending the ramps
 - When not in use, the ramps mount up and out of the way using the BoxLink system; straps are included to help keep them secure
 - The ramps offer a maximum weight capacity of 800 lbs.



- Compatible with E-Track™ accessories

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Exterior

Cargo Box

- Box and tailgate top rail moldings help prevent scratches on top of the box and tailgate when loading and unloading cargo
- Double-wall pickup box helps protect outer box surfaces from dings and dents caused by shifting cargo
- Low tailgate height provides easy cargo box access for loading and unloading cargo



NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

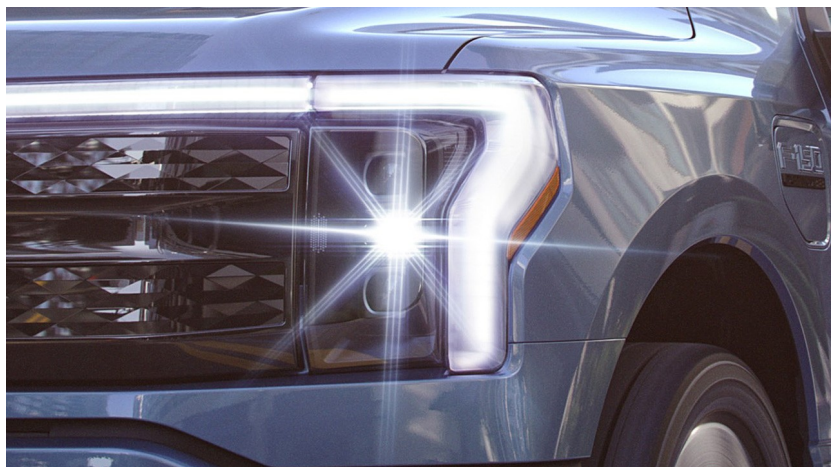
2022 F-150 Lightning > Exterior

Configurable Daytime Running Lamps (DRL)

Configurable daytime running lamps (DRL) allow for enhanced vehicle visibility during daylight conditions. This feature can be turned On or Off in the Settings portion of the center-stack touchscreen.

MORE DETAILS

- When the daytime running lamps are switched On and you are driving with the lighting control switch in the autolamp position, the lamps turn On whenever the main headlamps are Off
- When the daytime running lamps are switched Off, the lamps are Off in all lighting control switch positions
- The other lighting control switch positions do not activate the daytime running lamps and can be used to



temporarily override autolamp control

- When turned On, the daytime running lamps come on after the vehicle is shifted out of Park (P)

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Exterior

Exterior Colors

Agate Black Metallic



Antimatter Blue Metallic



Atlas Blue Metallic



Carbonized Gray Metallic



Iced Blue Silver Metallic



Oxford White



Rapid Red Metallic Tinted Clearcoat⁽¹⁾



Star White Metallic Tri-coat⁽¹⁾



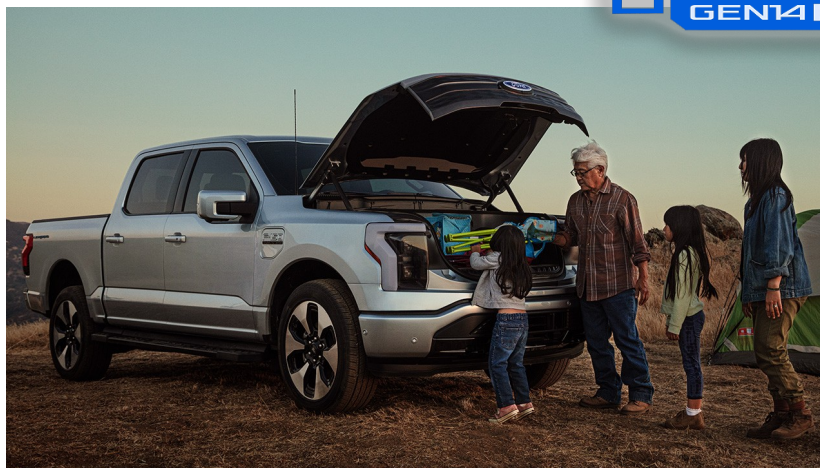
(1) Extra-cost option.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Exterior

Mega Power Frunk

Under the hood, where an internal combustion engine is expected to be, is a spacious, high-tech cargo area, complete with four 120-volt AC Pro Power Onboard electrical outlets and two USB ports. This well-lit, watertight space features 14.1 cu. ft. (400 liters) of washable cargo space⁽¹⁾ that includes a one-way drain. Customers can load up to 400 lbs. of tools, gear or eight 50-lb. cement bags.⁽¹⁾ The powered waterfall hood reveals a bumper-height opening and can be locked, unlocked and accessed from either the remote key fob, an exterior button or from inside the vehicle.



(1) Cargo and load capacity limited by weight and weight distribution.

NOTE: For availability of product features, please see Availability by Model and/or the **Dealer Ordering Guide**.

2022 F-150 Lightning > Exterior

Intelligent Access with Push-Button Start

Intelligent Access with push-button start allows owners to unlock, lock and start the vehicle when the key fob or smartphone, when using Phone As A Key, is close to or inside the vehicle.

Starting the vehicle can be done once the key fob or Phone As A Key is sensed:

- Press and hold the brake pedal
- Press and release the POWER START/STOP button on the instrument panel
- An indicator light on the button illuminates when the ignition is On
- The digital instrument cluster will display a green "Ready" message on the lower center of the screen



Turning the vehicle Off:

- Place the gear shifter in Park (P)
- Remove your foot from the brake pedal

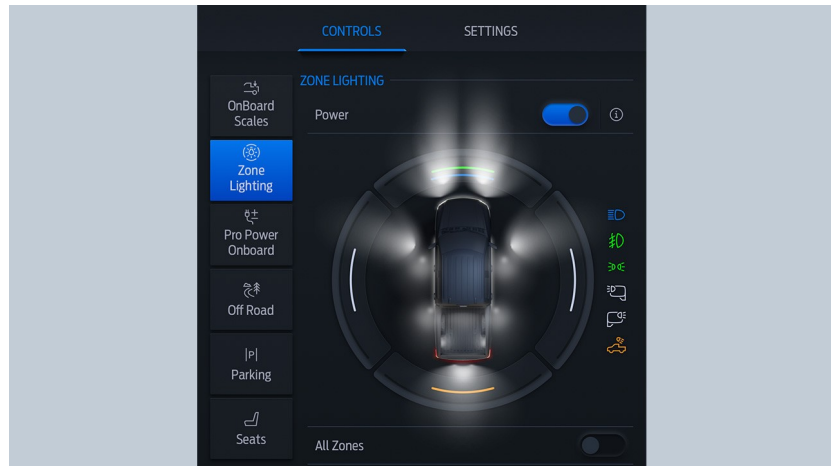
- Press and release the POWER START/STOP button

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Exterior

LED Box Lighting with Zone Lighting

- Includes Zone Lighting that allows control of individual exterior lights on the truck
 - Lighting is set via the center-stack touchscreen
- Increases overall visibility and illuminates the box interior, making it easy to find items in the dark
- LED lights in the high-mounted stop lamp on the back of the cab direct light toward the tailgate
- Two LED lights located at the rear box corners shine forward to help illuminate the box
- Lights turn off automatically after 10 minutes, gradually fading to off



NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Exterior

LED Security Approach Lamps

- High-intensity LED security approach lamps and LED spotlights help provide improved lighting around the exterior of the truck and to the side and front, extending beyond where the headlamps can shine
- The lamps are downward facing and are mounted on the bottom of the outside mirrors

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Exterior

LED Side-Mirror Spotlights

- Front-facing LED spotlights are included on the left-hand and right-hand outside mirrors
- Extremely helpful when setting up a campsite or lighting up a work site well into the night
- Operated via instrument panel-mounted switches

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Exterior

Power-Deployable Running Boards

- These running boards include a kick switch for deployment and are extended to provide access to the cargo bed
- Running boards extend out from the rocker for easy entry and exit when the doors are opened
- Once the doors are closed, the running boards return to their stored position
- Running boards are manually deployable through the message center

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Exterior

Rain-Sensing Windshield Wipers

Rain-sensing windshield wipers detect moisture on the windshield and activate the wipers to help increase driver visibility. Once the system is turned On, there is no need for the driver to activate, deactivate or adjust wiper speed under normal driving conditions.

SYSTEM DETAILS

- When sensors mounted behind the rearview mirror detect moisture on the windshield, the windshield wipers are automatically activated at the appropriate speed to keep the windshield clear
- Using the wiper stalk, the driver can rotate out of rain-sensing mode to one of five levels of sensitivity to accommodate everything from light rain to a downpour
- System must be deactivated, through the message center, before entering an automatic car wash

MAKE THE POINT: Rain-Sensing Windshield Wipers

Be sure to understand and explain the driver-selectable sensitivity settings on the windshield wiper stalk. Mist the windshield by using a spray bottle or hose, and cycle through the sensitivity settings so the customer can experience the difference and see how the system functions. Be sure to also show the customer how the system is disabled via the stalk-mounted controls. This is important since **the system must be disabled before entering an automatic car wash.**

NOTE: Driver-assist features are supplemental and do not replace the driver's attention, judgment and need to control the vehicle. It does not replace safe driving.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Exterior

Remote Tailgate Release

- Allows drivers to remotely lock, unlock and release/lower the tailgate using the key fob
- Adds convenience when the driver's hands are full

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Exterior

SecuriCode Keyless Entry Keypad

- Automotive industry exclusive
- Lets the driver unlock the doors and the tailgate by simply using the numbered keypad on the driver's door and a programmable 5-digit code
- Pressing the 7/8 and 9/0 buttons at the same time locks the vehicle

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Exterior

Tailgate Step

- Includes Tailgate Work Surface
- Fully integrated design stows inside the tailgate, out of the way, helping keep out dirt and debris and creating a smooth, flat tailgate surface
- Provides an integrated step that folds down from the open tailgate to allow an easier step up into the truck bed
- Includes a step-and-grab handle
 - Grab handle located inside the tailgate to keep the inner surface of the tailgate uniformly flat
- High-strength steel construction supports up to 350 lbs.



OPENING AND CLOSING THE TAILGATE STEP

Opening the step:

1. Lower the tailgate.
2. Push the button in the center of the step molding. The step will come out approximately 1 inch.
3. Pull the step out fully and away from the tailgate.
4. Lower the step to its lowest position.
5. Pull the yellow handle stop out and away from the tailgate.
6. Rotate the handle up from a horizontal position to a vertical position until you hear a sound indicating the handle is locked into place.
7. Make sure to close and fully latch the step before moving your vehicle. Never drive with the step or grab handle open.

NOTE: Do not tow with the step or the grab handle.

Closing the step:

1. Close the step panel.
2. Lift and fully close the step into the tailgate.
3. Move the yellow lever on the handle to the unlock position and lower the handle.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Exterior

Tailgate Work Surface

The Tailgate Work Surface includes:

- Flat work surface ideal for writing or working with materials
- Media holder for a smartphone
- Stamped rulers in English and Metric
- Pencil holder and cupholders



NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Exterior

Two-Tier and Compartmentalized Loading

- 4-foot-wide items can be loaded above and below the second tier on every cargo box style
- Vertical stampings allow the cargo box to be compartmentalized in up to 3 sections for increased cargo-carrying versatility



NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning

Interior

Productivity, style and advanced features are designed into every F-150 Lightning interior environment. All models are equipped with a 12" digital instrument panel cluster and a 12" landscape-style or available 15.5" portrait-style center-stack touchscreen. The screens keep customers engaged in the drive with features like Intelligent Range — an EV system that estimates remaining miles after calculating the battery's state of charge and other factors.

Customers will enjoy the benefit of the Interior Work Surface in the center console area — standard with XLT and above. Need power? Plug in to two 120-volt power outlets and six USB ports in the cab.

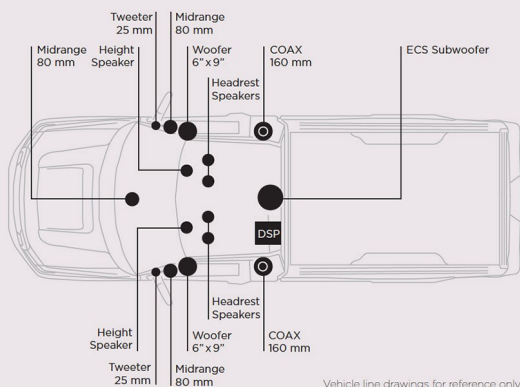


INTERIOR WORK SURFACE

The available Interior Work Surface is a feature in the center console that folds over to create a large, flat surface. This flat, smooth platform provides an interior “desktop” for paperwork, working with a laptop or just enjoying a lunch break. It’s standard on XLT and above.

PREMIUM SOUND

SYSTEM LEVEL 2 - B&O UNLEASHED - 18 SPEAKERS



The **B&O® Sound System Unleashed by Bang & Olufsen®** includes 18 speakers, including subwoofer, and also features HD Radio™ to fill the SuperCrew cab with sound. This system is standard and only available on Platinum. The LARIAT comes with the B&O Sound System with 8 speakers.

POWER-ADJUSTABLE PEDALS

Standard on XLT and above, the power-adjustable accelerator and brake pedals can be moved into a comfortable position for the driver by simply pushing a button on the instrument panel. On LARIAT models, the feature includes memory to save pedal positions for two different drivers.



NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Interior

120-Volt/2.4-kW Power Outlets

- High-power outlets in the cab and front trunk deliver up to 2.4 kW of power, allowing drivers to easily charge smaller corded tools, battery chargers or mobile devices on-site
- Outlets are not powered when the ignition is in the Off position in order to protect the vehicle battery
- Outlets are designed to power laptops, mobile phones, etc.
- Outlets are overload protected up to 20 amps and feature “plug and turn” engagement and a cover for safety

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Interior

Audio System

AM/FM/MP3

In addition to the AM/FM stereo, includes:

- 6 speakers
- MP3 capability
- SiriusXM® Satellite Radio compatible
- Auto presets
- Digital clock
- **Speed-Compensated Volume (SCV)** compensates for changing ambient noise levels by adjusting the volume of the radio according to the vehicle's speed signal. Allows 7 volume adjustment levels. Adjustable through the menu
- **RBDS (Radio Broadcast Data System)** function, when selected, allows the following (only for FM radio stations supporting RBDS capability):
 - Radio station call letters appear on radio display
 - Type of music format appears on radio display
 - Search for type of music format
 - Traffic information broadcasts
- **Folder/track mode** allows the audio system to play and seek through disc tracks with or without folder option (available with MP3 discs only)
- **Repeat** continuously plays the selected track until deactivated
- **Shuffle** plays MP3 tracks in random order
- **Folder** button allows access to the MP3 folder
- Premium Plus Equalized Radio (enhanced sound quality for the vehicle line)

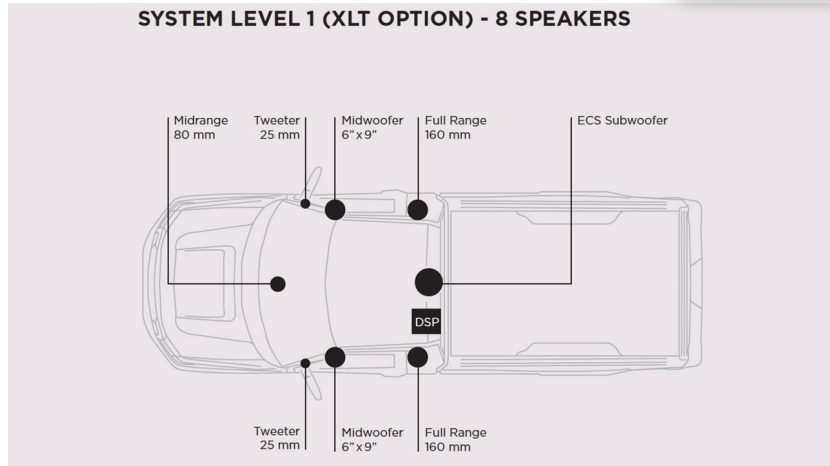
NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Interior > Audio System

B&O Sound System by Bang & Olufsen

Includes all the features of the AM/FM/MP3 player, plus:

- 8 high-performance speakers, including 2 ultra-performance midrange speakers and new Externally Coupled Subwoofer (ECS)
- 640-watt, 6-channel amplifier
- Digital Sound Processing (DSP) with 100 filters for sound quality
- HD Radio™
- Static and dynamic sound tuning
- ECS enclosure does not impede fold-flat floor or storage
- Design elements include powder-coated steel grilles with linear hole pattern and pad printed B&O badge



Take a Tour

Take an interactive tour inside the F-150 for highlights and benefits of the B&O Sound System by Bang & Olufsen.

[Go to Interactive Tour >>](#)

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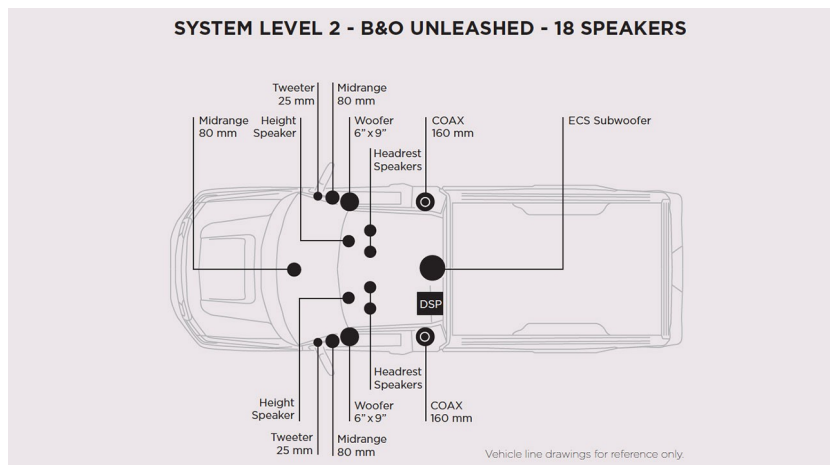
NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Interior > Audio System

B&O Unleashed Sound System by Bang & Olufsen

Includes all of the features of B&O Sound System and takes the audio experience to the next level with:

- 18 high-performance speakers, including headrest and integrated ceiling speakers, and Externally Coupled Subwoofer (ECS)
- 1,080-watt, 10-channel amplifier Digital Sound Processing (DSP) with 100 filters for sound quality
- Design elements include laser-etched aluminum grilles with dynamic fade pattern, laser-etched B&O badge and headrest speakers with B&O



Take a Tour

perforated-leather pattern and debossed logo

Take an interactive tour inside the F-150 for highlights and benefits of the B&O Sound System by Bang & Olufsen.

[Go to Interactive Tour >>](#)

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NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Interior > Audio System

HD Radio

HD Radio™ Technology allows the radio to receive digital signals broadcast on traditional radio station frequencies. This allows for up to four channels of local content per radio station. HD Radio is “Hybrid Digital,” not satellite or “high-definition” radio.

MORE DETAILS

- HD Radio products work the same way as a conventional radio, with a digital signal broadcast by a station and received by consumers in a specific area
- However, instead of sending one analog signal, HD Radio stations send a bundled signal made up of both analog and digital signals
- The digital signal is compressed, and when received by an HD Radio receiver, the signal is decoded into as many as four sub-channels, each with different programming, including additional or alternative format music, news, traffic and sports
- Because the signal is digital, sound quality is significantly superior to traditional radio, virtually eliminating buzzing, static and popping
- Data is displayed on screen, such as song, artist, breaking news, weather alerts, sports scores and much more
- No subscription or additional cost is required
- Visit www.hdradio.com to learn more

HD Radio is a proprietary trademark of iBiquity Digital Corp.

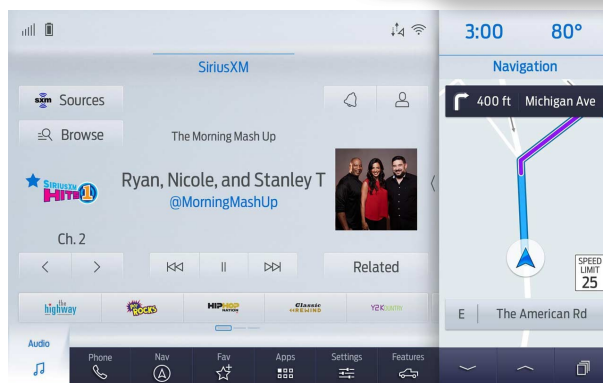
NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Interior > Audio System

SiriusXM with 360L

SiriusXM® with 360L gives customers a richer, more diverse and personalized experience than ever before. Innovative features make it easy to discover and enjoy exactly what they want, when they want, in the vehicle, on the SiriusXM app and at home on compatible connected devices.

LEARN MORE ABOUT THIS TECHNOLOGY



F-150 shown.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Interior

Autolock/Autounlock

Autolock/autounlock provides added convenience and security by automatically locking and unlocking the vehicle.

SYSTEM DETAILS

- Autolock will lock the vehicle doors when the ignition is in the On position, all of the doors are closed and the vehicle reaches a speed of 4 mph
- Autounlock will unlock the vehicle after reaching the predetermined autolock speed, the vehicle has come to a stop, the ignition is turned to the Off or Accessory position and the driver's door is opened within 10 minutes
- Autolock and autounlock can be disabled independently of each other
- Autolock does not engage if the vehicle is locked after the ignition is switched Off and before the driver's door is opened



NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Interior

Dual-Zone Electronic Automatic Temperature Control

Dual-zone electronic automatic temperature control automatically maintains separate preferred cabin temperatures for the driver and front-seat passenger to meet their individual needs.

SYSTEM DETAILS

- A “set-and-forget” feature
- Allows a temperature-setting range between 60° F and 85° F
- Measures interior and exterior temperatures and automatically adjusts temperature and blower speed to maintain preset climate control system settings
- Can also be controlled with the center-stack screen or voice commands



NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Interior

Flow-Through Center Console

- Includes stowable shifter
- Interior Work Surface helps make living and working in the cabin easier with a large, flat, deployable surface ideal for signing documents, working on a laptop or just enjoying a lunch break
- Lockable main storage bin
- Hanging tray for coin or small tool storage
- File hangers
- Map pockets
- Front storage compartment with removable modules for customizable space
- 120-volt AC power outlet located on the instrument panel and in the center console



2022 F-150 Lightning > Interior

Heated Steering Wheel

The heated steering wheel warms up the perimeter of the wheel to provide the driver with added comfort.

SYSTEM DETAILS

- Initially warms the steering wheel to 68° F in temperatures as low as -4° F approximately 5 minutes after activation
- Wheel temperature will heat up to approximately 90° F
- Independent of heated seats and climate-control operation

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Interior

Interior Work Surface

The Interior Work Surface makes living and working in the cabin easier with a large, flat deployable surface ideal for signing documents, working on a laptop or just enjoying a lunch break.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Interior

Partitioned Lockable Fold-Flat Storage

- Partitioned, lockable, fold-flat rear storage extends the width of the interior under the rear seats and allows for safe storage of valuables

- Includes a divider to keep things organized
- Great for long items like hunting gear, fishing rods or blueprints

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Interior

Power-Sliding Rear Window

- Provides enhanced interior ventilation at the push of a button
- Includes privacy glass and defrost

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Interior

Productivity and Center-Stack Screens

- 12" digital productivity screen is customizable and features impressive graphics and animations, responds to the truck's Selectable Drive Modes, and displays truck data and off-roading information, as well as turn-by-turn navigation
- 12" landscape-style and 15.5" portrait-style center-stack touchscreens allow customers to split the screen and control multiple functions simultaneously, including navigation, music or truck features

	Pro	XLT	LARIAT	Platinum
12" productivity screen in instrument cluster	S	S	S	S
12" landscape-style center-stack touchscreen	S	S	—	—
15.5" portrait-style center-stack touchscreen	—	—	S	S

S = Standard

— = NA

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Interior > Seating

Heated and Ventilated Front Seats

Heated and ventilated front seats allow the driver and front passenger to independently control the warmth and coolness of their seat surfaces for enhanced comfort.

TEMPERATURE CONTROL

- Controlled with hard buttons on the center stack
- 3 level settings
 - Low: one indicator light
 - Medium: two indicator lights
 - High: three indicator lights

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Interior > Seating

Heated Front Seats

Heated front bucket seats allow the driver and front passenger to independently control the warmth of their seats for enhanced comfort.

TEMPERATURE CONTROL

- Controlled with hard buttons on the center stack
- 3 level settings
 - Low: one indicator light
 - Medium: two indicator lights
 - High: three indicator lights



NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Interior > Seating

Max Recline Seats

Max Recline Seats on Platinum provide ultimate comfort during downtime.

- Fold flat to nearly 180 degrees
- The seat bottom cushion rises to meet the seat back cushion
- The upper back support rotates forward up to 10 degrees for maximum comfort

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Interior > Seating

Multicontour Front Seats with Active Motion

Multicontour front seats with Active Motion allow the driver and front passenger to adjust the contour of the seat back and seat cushion by inflating or deflating air chambers and/or activating a gentle rolling pattern motion. The result is increased comfort and decreased fatigue in the upper legs and lower back for front-seat occupants.

ACTIVE MOTION

- Both driver and passenger can select their own massage setting from five unique themes
- The patented Active Motion function is a slight continuous movement in the seat cushion, which helps reduce potential back pain and fatigue
- Driver and front-passenger seat backs include adjustable air chambers in the lumbar and shoulder areas for a personally contoured seating position and lumbar support
- Lumbar air chambers provide a subtle rolling pattern for additional comfort
- Central chamber can be filled alternately with high and low pressure over a 5-minute cycle
- The system will turn off after 20 minutes

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Interior > Seating

One-Hand-Stow Rear Seat

- Mechanically articulated 2nd-row seat sections flip up with the touch of a hand for stowage convenience
- Sections lower completely for seating comfort
- Provides a virtually flat load floor

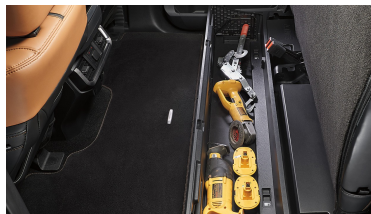
NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Interior

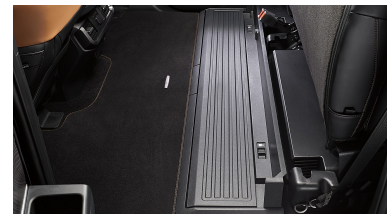
Storage

The F-150 Lightning interior has thoughtful storage:

- Front row includes several storage areas
- Lockable center console bin



F-150 shown.



F-150 shown.

- Models equipped with the flow-through center console feature a generous amount of center console storage
- Several quick storage solutions for cell phones, pens, business cards, etc.
- Rear under-seat storage provides hidden storage for personal items

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Interior

Twin-Panel Moonroof

- Brightens the interior and gives front and rear passengers their own personal skylight
- Features a movable front glass panel and a fixed rear glass panel
- Is up to 18.6 sq. ft. in size

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Interior

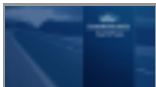
Wireless Charging Pad

- Charging pad is located in the storage bin at the front of the center console
- Compatible mobile devices are inductively charged without the need for a cord, helping reduce clutter

NOTE: Available Qi wireless charging may not be compatible with all mobile phones.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

Feature Resources



VIDEO

[Wireless Charging Pad](#)

2022 F-150 Lightning

Technology

F-150 Lightning features SYNC 4 with Enhanced Voice Recognition with a 12" landscape-style center-stack touchscreen or SYNC 4A with Enhanced Voice Recognition with the 15.5" portrait-style touchscreen in LARIAT and Platinum models. F-150 Lightning offers the latest in Ford Co-Pilot360 driver-assist technology, including Ford BlueCruise hands-free driving, (1) Active Park Assist 2.0 and Intelligent Cruise Control with Speed Sign Recognition. Plus, the Ford Power-Up software updates keep the technology at the leading edge with over-the-air upgrades.



UNDERSTANDING FORD TECHNOLOGY

To help understand and better present Ford Technology, this section is divided into two primary categories.

Ford Co-Pilot360 Technology –

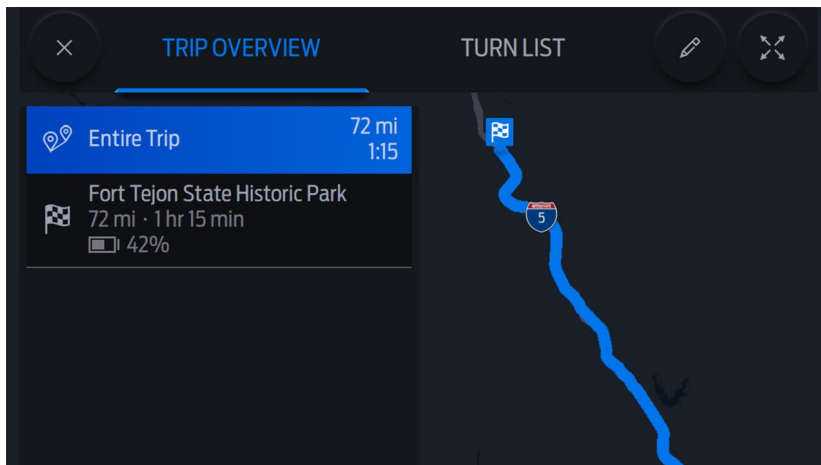
Driver-assist features designed to help owners increase their confidence behind the wheel.

Connectivity Technology –

In-vehicle features that elevate the ownership experience, including SYNC 4A, FordPass Connect and Ford+Alexa.



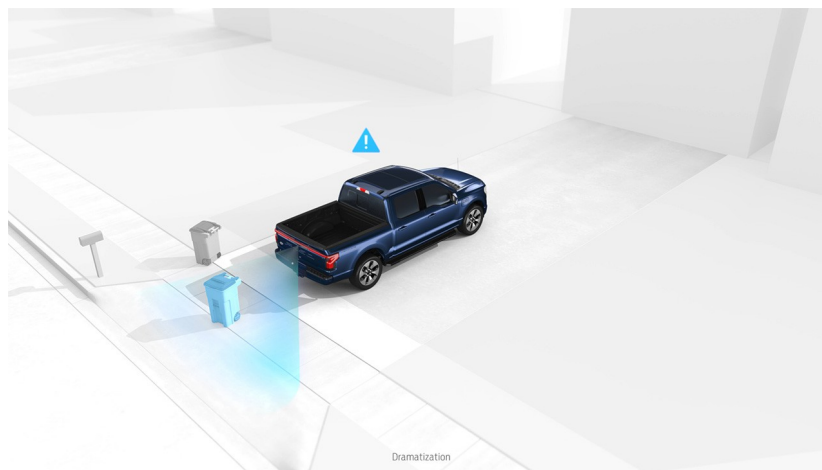
SYNC 4A WITH ENHANCED VOICE RECOGNITION



F-150 Lightning includes the most advanced version of SYNC available with two choices of screen size. **SYNC 4 with Enhanced Voice Recognition** features a standard 12" landscape-style center-stack color LCD touchscreen in Pro and XLT models or **SYNC 4A with Enhanced Voice Recognition** with the 15.5" portrait-style touchscreen, standard on the LARIAT and Platinum models. The SYNC 4 system offers an information-on-demand panel for frequently used apps, wireless Apple CarPlay® and Android Auto,™ and a Digital Owner's Manual. SYNC 4A with the 15.5" touchscreen provides dash cards, which are one-touch commands for recently or frequently used apps. And with **Ford Assistant**, drivers can use conversational voice commands to talk to their vehicle to ask questions just like with Siri or Alexa.

FORD CO-PILOT360 2.0

Designed to put the driver in better command of the road, **Ford Co-Pilot360 2.0** includes Auto High Beams, BLIS (Blind Spot Information System), Lane-Keeping System, Pre-Collision Assist with Automatic Emergency Braking (AEB), Post-Collision Braking, Rear Parking Sensors and Reverse Brake Assist.



FORD CO-PILOT360 ASSIST 2.0

Available **Ford Co-Pilot360 Assist 2.0** features Intelligent Adaptive Cruise Control with Stop-and-Go, Lane Centering and Speed Sign Recognition. It adds Evasive Steering Assist and Intersection Assist. This driver-assist technology package is standard on LARIAT and Platinum, and available on XLT 312A.

FORD CO-PILOT360 ACTIVE 2.0

Available **Ford Co-Pilot360 Active 2.0** includes Ford BlueCruise hands-free driving,⁽¹⁾ Active Park Assist 2.0 and Phone As A Key. It is optional on LARIAT 510A and included on LARIAT 511A and Platinum.

PHONE AS A KEY

Phone As A Key (PAAK) can replace an Intelligent Access key fob with a compatible smartphone as the virtual key. PAAK offers similar functions, such as the ability to start the vehicle, turn it On and Off remotely, lock and unlock the doors, open the power liftgate and operate the power windows. PAAK also enables Walk Away Locking. These functions can be loaded on four different phones for one truck. Customers need the FordPass App and an activated FordPass Connect modem to get PAAK features.

360-DEGREE CAMERA

The 360-Degree Camera gives the driver a view of people or objects in front of or behind the vehicle, as well as cross-traffic views. In addition, the driver can see a top-down view of the area outside the vehicle, including blind spots. The system uses cameras mounted in the grille, near the tailgate handle and in the sideview mirrors to give the driver an all-around view outside the vehicle. XLT models and above have 360-Degree Camera as standard.

FORD EV TELEMATICS

For commercial customers, the Ford EV Telematics system provides tools to monitor vehicle data seamlessly over the cloud so fleet managers can track vehicle health, status and range. Businesses can log and pay for public charging, reimburse employees for home charging, remotely precondition the cabin while the truck is plugged in, and generate alerts and reports. Electric vehicle-specific data, such as kilowatt-hour consumption, distance to empty, speed of charging and more, is available to better understand how trucks are operating in real-time to optimize efficiency and uptime.

(1) Driver-assist features are supplemental and do not replace the driver's attention, judgment and need to control the vehicle. Ford BlueCruise is a hands-free highway driving feature. Only remove hands from the steering wheel when in a Hands-Free Blue Zone. Always watch the road and be prepared to resume control of the vehicle. It does not replace safe driving. See Owner's Manual for detail and limitations. Requires purchased 3-year connected service plan with regular map updates, FordPass App, and modem activation. Blue Cruise functionality expected first quarter 2022.

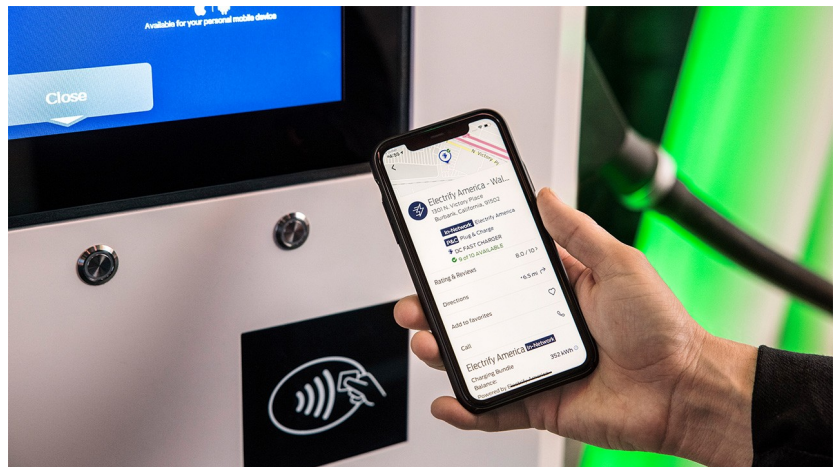
NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Technology > Connectivity Technology

FordPass

FordPass⁽¹⁾ is our app that helps Ford owners remotely interact with their vehicle, dealership and Ford. Using FordPass, owners can:

- Operate remote control vehicle features (lock,⁽²⁾ unlock,⁽²⁾ stop, start,⁽³⁾ vehicle location and vehicle health information), which are complimentary connected services when equipped with an activated connected FordPass Connect⁽⁴⁾ modem
- Monitor the vehicle using the maintenance schedule and service history
- Connect with a Preferred Dealer
- Locate helpful products and services nearby, such as fuel, charging stations, parking, collision repair and more. Those without a Ford vehicle can use the app to locate these services as well



- Engage with Ford by chatting, calling or searching for popular topics, vehicles, Dealers and more
- Digitally request and/or contact Roadside Assistance⁽⁵⁾ from any screen within the app
- Enroll in FordPass Rewards by accepting the app's Terms and Conditions
- View FordPass Rewards Points balance and transaction history



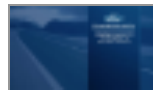
- (1) FordPass App, compatible with select smartphone platforms, is available via a download. Message and data rates may apply.
- (2) Remote lock/unlock requires power door locks.
- (3) Automatic transmission only.
- (4) FordPass Connect (optional on select vehicles), the FordPass App and complimentary Connected Service are required for remote features (see FordPass Terms for details). Connected service and features depend on compatible AT&T network availability. Evolving technology/cellular networks/vehicle capability may limit functionality and prevent operation of connected features. Connected service excludes Wi-Fi hotspot.
- (5) Roadside Assistance is included for certain owners and available to everyone for a per-service fee. Ford reserves the right to change program details without obligations. Ford Roadside Assistance is a complimentary offering to all Ford owners for up to 5 years or 60,000 miles (from the date of sale), whichever comes first. For EV owners: Beyond 35 miles, your vehicle will be taken to the closest public charger or EV Certified Ford Dealer.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

[Feature Resources](#)



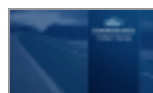
JOB AIDS
FordPass Rewards Dealer FAQ
 February 4, 2020



VIDEO
FordPass Connect: Downloading the FordPass app and activating remote vehicle features



VIDEO
FordPass Connect: Using remote features

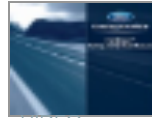


VIDEO
FordPass: Overview



VIDEO

FordPass & SYNC Connect Simplified Activation



VIDEO

FordPass™: Parking and My Wallet Features

2022 F-150 Lightning > Technology > Connectivity Technology

FordPass Connect (Embedded Modem)

FordPass Connect⁽¹⁾ (modem) enhances convenience by allowing customers to:

- Use the FordPass⁽²⁾ App to connect to and control certain vehicle functions, like starting the engine and locking or unlocking the vehicle
- Connect up to 10 wireless devices to the internet using the 4G LTE Wi-Fi hotspot⁽³⁾

AVAILABILITY

	Pro	XLT	LARIAT	Platinum
FordPass Connect 4G LTE modem	S	S	S	S



(1) FordPass Connect (optional on select vehicles), the FordPass App and complimentary Connected Service are required for remote features (see FordPass Terms for details). Connected Service and features depend on compatible AT&T network availability. Evolving technology/cellular networks/vehicle capability may limit functionality and prevent operation of connected features. Connected service excludes Wi-Fi hotspot.

(2) FordPass App, compatible with select smartphone platforms, is available via a download. Message and data rates may apply.

(3) Wi-Fi hotspot includes complimentary wireless data trial that begins upon AT&T activation and expires at the end of 3 months or when 3GB of data is used, whichever comes first. To activate, go to www.att.com/ford.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

Feature Resources



VIDEO

SYNC Connect with Wi-Fi Hotspot: Activation and Sign-up & Start Demo

2022 F-150 Lightning > Technology > Connectivity Technology

Ford Assistant

INTRODUCING FORD ASSISTANT

Ford Assistant allows customers to use conversational voice commands to talk to their vehicle and ask questions — like they do with Siri or Alexa. This encourages drivers to keep their eyes on the road and hands on the steering wheel. Ford Assistant uses a cloud connection and grows more personalized over time. Because Ford Assistant knows about the customer's specific vehicle, the vehicle becomes the vehicle's expert.

Ford Assistant includes two channels: In-Vehicle and Chat — both connect to the cloud and enable unique features and interactions exclusively in English.

LEARN MORE ABOUT
THIS TECHNOLOGY

AVAILABILITY

	Pro	XLT	LARIAT	Platinum
Ford Assistant	S	S	S	S

Siri is a trademark of Apple Inc., registered in the U.S. and other countries.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Technology > Connectivity Technology

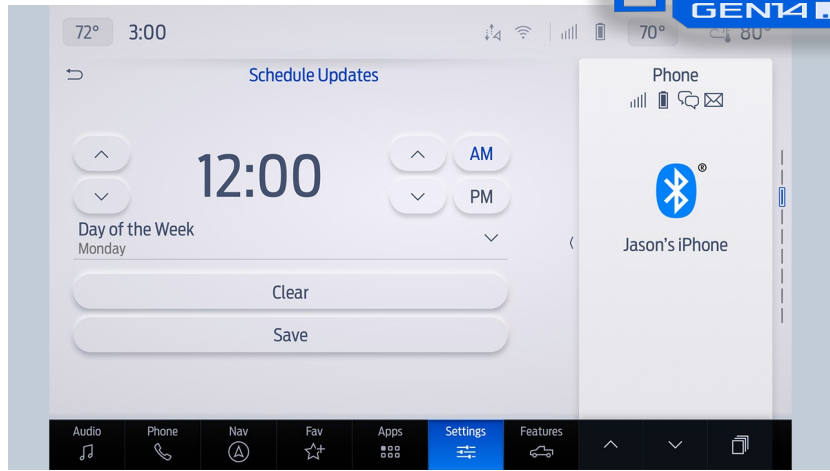
Ford Power-Up Software Updates

System updates can now be delivered to vehicles via Wi-Fi or FordPass Connect.⁽¹⁾ Ford Power-Up software updates introduce new features, system enhancements and safety and security updates, ensuring the customer can always enjoy the best version of their vehicle. Ford Power-Up software updates are downloaded and installed using Wi-Fi or cellular connection through FordPass Connect (via the on-board modem) and provide continuous improvements to the vehicle over its lifecycle.

Vehicles with SYNC 4⁽²⁾ Technology can receive updates that improve many aspects of the vehicle. This means that the vehicle can receive enhancements to driver-assist technology, emissions, battery or powertrain, as well as changes to the Navigation System, Ford Assistant and features within SYNC 4 Technology. Ford Power-Up software updates will vary by vehicle. Use the Professional Technician System (PTS/OASIS) to assist customers with Ford Power-Up software updates and review past updates.

The customer will be able to look on their in-vehicle touchscreen for more information regarding their Ford Power-Up software updates.

- In the vehicle, go to the Settings menu and tap on System Updates. Tap Schedule Updates in order to set a preferred day of the week and time of day for automatic updates to occur
- There will also be information available about the updates on owner.ford.com and the FordPass App⁽³⁾
- In the app, click the alert on your Home screen to view the most recent successful Ford Power-Up software updates



AVAILABILITY

	Pro	XLT	LARIAT	Platinum
Ford Power-Up Software Updates	S	S	S	S

LEARN MORE ABOUT
THIS TECHNOLOGY

- (1) FordPass Connect, the FordPass App and complimentary Connected Service are required for remote features (see FordPass Terms for details). Connected service and features depend on compatible AT&T network availability. Evolving technology/cellular networks/vehicle capability may limit functionality and prevent operation of connected features. Connected service excludes Wi-Fi hotspot.
- (2) Don't drive while distracted or while using handheld devices. Use voice-operated systems when possible. Some features may be locked out while the vehicle is in gear. Not all features are compatible with all phones.
- (3) FordPass App, compatible with select smartphone platforms, is available via a download. Message and data rates may apply.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Technology > Connectivity Technology

Phone As A Key

Phone As A Key⁽¹⁾ can replace an Intelligent Access key fob with an eligible smartphone as a virtual key. It provides similar capabilities, such as unlocking and locking the doors, rolling the windows up and down, opening the hands-free liftgate, turning the vehicle on and off remotely, as well as starting the vehicle. Additionally, Phone As A Key allows up to four virtual keys to be assigned to one vehicle.

This feature is currently available on select vehicles and provides solutions for valet parking, stolen, lost or smartphones with a dead battery and other special circumstances.

AVAILABILITY				
	Pro	XLT	LARIAT	Platinum
Phone As A Key	—	—	O	S

LEARN MORE ABOUT
THIS TECHNOLOGY

- (1) Available on select vehicles. Feature activation required. Not compatible with all mobile phones.
- (2) FordPass Connect (optional on select vehicles), the FordPass App, and complimentary Connected Service are required for remote features (see FordPass Terms for details). Connected service and features depend on compatible AT&T network availability. Evolving technology/cellular networks/vehicle capability may limit functionality and prevent operation of connected features. Connected service excludes Wi-Fi hotspot.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

SYNC 4 with Enhanced Voice Recognition

- SYNC 4⁽¹⁾ with Enhanced Voice Recognition allows the customer to use conversational voice commands and includes either an 8-inch touchscreen or a 12-inch touchscreen with a new split-screen Information on Demand panel
- The 12-inch version with the Information on Demand panel, located on the right side of the main touchscreen, can display the customer's smartphone, music or audio, available Connected Navigation (90-day trial)⁽²⁾ or Connected Built-In Navigation (3-year trial),⁽²⁾ Trips or fuel efficiency
 - Some content from the Information on Demand panel can be slid left into the Main screen
- With a design similar to SYNC 3, customers will be able to operate this version with ease
- The bottom menu is accessible no matter what is showing on the SYNC 4 touchscreen and the 12-inch touchscreen now includes a new Favorites icon. This icon allows the customer to assign a feature of their choice to the Favorites button
- The upper bar provides status information, such as the time, temperature and Ford Power-Up software update⁽³⁾ messages
- Customers will appreciate cordless smartphone pairing, Apple CarPlay^{®(4)} and Android Auto^{™(4)} compatibility, SiriusXM^{®(5)} with 360L availability and Alexa Built-In compatibility
- The Ford Assistant allows customers to use conversational voice commands

AVAILABILITY

	Pro	XLT	LARIAT	Platinum
SYNC 4 with Enhanced Voice Recognition	S	S	—	—

- SYNC 4 Technology also carries over base embedded voice capability from SYNC 3, with the addition of a “wake word,” natural language understanding and one-box Navigation search. These embedded features are available regardless of whether a cloud connection is available in the vehicle
 - Phone controls, such as email message read and reply
 - Navigation options, such as one-box search from the main menu for addresses, Points of Interest (POIs) and intersections
 - Radio/media operation
 - Climate features
 - SYNC AppLink⁽⁶⁾ controls
 - The embedded voice allows the customer to use a “wake word” to talk to the vehicle. The wake word is turned Off by default but can be turned On in Settings. Go to Settings > Voice Control > Listen for Wake Word
 - “OK, Ford” is the default wake word, but the other options include “OK, FordPass,” “OK, Ford SYNC” or “Hello, Ford”
 - A short press of the Push-to-Talk (PTT) button on the steering wheel can be used instead of the wake word. A long press of the PTT button will alert Android Auto or Apple CarPlay, if connected

LEARN MORE ABOUT
THIS TECHNOLOGY

(1) Don't drive while distracted or while using handheld devices. Use voice-operated systems when possible. Some features may be locked out while the vehicle is in gear. Not all features are compatible with all phones.

- (2) Navigation services require SYNC 4 and FordPass Connect (standard on select vehicles), complimentary Connected Service and the FordPass Terms for details). Eligible vehicles may receive a complimentary 90-day trial of navigation services or, if applicable, a 3-year trial of built-in navigation services that begins on the new vehicle warranty start date. Customers must unlock the navigation service trial by activating the eligible vehicle with a FordPass member account. If not subscribed by the end of the complimentary period, the navigation service will terminate, or, depending on vehicle, the built-in connected navigation service will terminate. Built-in navigation system will revert to embedded offline navigation after termination. Connected service and features depend on compatible AT&T network availability. Evolving technology/cellular networks/vehicle capability may limit functionality and prevent operation of connected features. FordPass App, compatible with select smartphone platforms, is available via a download. Message and data rates may apply.
- (3) FordPass Connect (optional on select vehicles), the FordPass App, and complimentary Connected Service are required for remote features (see FordPassTerms for details). Connected service and features depend on compatible AT&T network availability. Evolving technology/cellular networks/vehicle capability may limit functionality and prevent operation of connected features. Connected service excludes Wi-Fi hotspot.
- (4) Requires phone with active data service and compatible software. SYNC 4 does not control 3rd-party products while in use. 3rd parties are solely responsible for their respective functionality.
- (5) **Trial subscription:** All SiriusXM services require a subscription, sold separately by SiriusXM after the trial period. Your SiriusXM service will automatically stop at the end of your trial unless you decide to subscribe. If you decide to continue service, the subscription plan chosen will automatically renew and be charged according to your chosen payment method at the then-current rates. Fees and taxes apply. **See the SiriusXM Customer Agreement & Privacy Policy at www.siriusxm.com for full terms and how to cancel, which includes online methods or calling 1-866-635-2349.** Available in the 48 contiguous United States, D.C., and Puerto Rico (with coverage limits and capable receiver). Visit <http://www.siriusxm.com/FAQS> for most current service area information. Availability of some services and features is subject to device capabilities and location restrictions. All fees, content and features are subject to change. SiriusXM, Pandora and all related logos are trademarks of Sirius XM Radio Inc. and its respective subsidiaries. **SiriusXM with 360L:** Radio features, content, and display may vary by vehicle. Some features may not be available while driving.
- (6) Commands may vary by phone and AppLink software.

Android, Android Auto, Google, Google Maps and Google Play are trademarks of Google LLC.

Apple CarPlay, iPhone, Lightning and Siri are trademarks of Apple Inc., registered in the U.S. and other countries.

NOTE: Image shown is representative. Actual screen may vary.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Technology > Connectivity Technology

SYNC 4A with Enhanced Voice Recognition

- SYNC 4A⁽¹⁾ with Enhanced Voice Recognition is a one-stop shop for most of the vehicle controls, including applications, settings and climate controls. The SYNC 4A touchscreen offers a unique layout and larger font size for readability
- With a screen size up to 15.5 inches, the screen layout is divided into three sections:
 - Status bar: Provides vehicle status information, time, temperature and over-the-air Ford Power-Up software update⁽²⁾ messages
 - Active screen: Displays the current feature in use and Adaptive Dash Cards. Adaptive Dash Cards display up to six recently used or popular apps. Swipe up or

AVAILABILITY				
	Pro	XLT	LARIAT	Platinum
SYNC 4A	—	—	S	S

tap to launch a card into the Active area and swipe down to close it. All apps shown, including Dash Cards, are active

- Lower tray: Certain controls for temperature and volume that are always available on-screen
- The touchscreen features include:
 - Applications drawer: Location of apps once a smartphone is paired
 - Controls tab: Find vehicle controls — such as drive modes, camera and other driver-assistance features
 - Settings tab: Location of vehicle settings
 - Volume knob (if equipped): Control volume of in-vehicle audio and tap center of the knob to turn audio On or Off
 - Climate controls: Soft keys, which may be located at bottom of the screen
- SYNC 4A learns habits of the customer in order to provide suggestions, such as calling home during rush hour or driving to a preferred coffee shop en route to work in the morning
 - Intelligent one-touch suggestions are based on the driver's daily routine and appear as shortcuts on screen
 - The customer preference icons are stored in the Applications drawer next to the personal profile name
 - It can take up to two weeks to learn the customer's habits and preferences. Customers can opt out of this feature by turning intelligent suggestions Off in their Settings
- Customers will appreciate cordless smartphone pairing, Apple CarPlay^{®(3)} and Android

Auto™⁽³⁾ compatibility, SiriusXM®⁽⁴⁾ with 360L availability and Alexa Built-In compatibility. Up to 12 devices can be connected, but only one can be active

- The Digital Assistant allows customers to use conversational voice commands to talk to the vehicle and ask questions more like Siri or Alexa
- Ford Sketch allows customers to draw, erase, clear, save and use different brush sizes directly on their SYNC 4A touchscreen. They can also play tic-tac-toe and use a calculator with this feature (Mustang Mach-E only)
- SYNC 4 Technology also carries over base embedded voice capability from SYNC 3, with the addition of a “wake word,” natural language understanding and one-shot Navigation search. These embedded features are available regardless of whether a cloud connection is available in the vehicle:
 - Phone controls, such as email message read and reply
 - Navigation (with an active subscription) options, such as one-box search from main menu for addresses, Points of Interest (POIs) and intersections
 - Radio/media operation
 - Climate features
 - SYNC AppLink⁽⁶⁾ controls
 - The embedded voice allows the customer to use a “wake word” to talk to the vehicle. The wake word is turned Off by default but can be turned On in Settings. Go to Settings > Voice Control > Listen for Wake Word
 - “OK, Ford” is the default wake word, but the other options include “OK, FordPass,” “OK, Ford SYNC” or “Hello, Ford”

- o A short press of the Push-to-Talk (PTT) button on the steering wheel can be used instead of the wake word. A long press of the PTT button will alert Android Auto or Apple CarPlay, if they are connected



- (1) Don't drive while distracted or while using handheld devices. Use voice-operated systems when possible. Some features may be locked out while the vehicle is in gear. Not all features are compatible with all phones.
- (2) FordPass Connect (optional on select vehicles), the FordPass App, and complimentary Connected Service are required for remote features (see FordPass Terms for details). Connected service and features depend on compatible AT&T network availability. Evolving technology/cellular networks/vehicle capability may limit functionality and prevent operation of connected features. Connected service excludes Wi-Fi hotspot.
- (3) Requires phone with active data service and compatible software. SYNC 3/4 does not control 3rd-party products while in use. 3rd parties are solely responsible for their respective functionality.
- (4) **Trial subscription:** All SiriusXM services require a subscription, sold separately by SiriusXM after the trial period. Your SiriusXM service will automatically stop at the end of your trial unless you decide to subscribe. If you decide to continue service, the subscription plan chosen will automatically renew and be charged according to your chosen payment method at the then-current rates. Fees and taxes apply. **See the SiriusXM Customer Agreement & Privacy Policy at www.siriusxm.com for full terms and how to cancel, which includes online methods or calling 1-866-635-2349.** Available in the 48 contiguous United States, D.C., and Puerto Rico (with coverage limits and capable receiver). Visit <http://www.siriusxm.com/FAQS> for most current service area information. Availability of some services and features is subject to device capabilities and location restrictions. All fees, content and features are subject to change. SiriusXM, Pandora and all related logos are trademarks of Sirius XM Radio Inc. and its respective subsidiaries. **SiriusXM with 360L:** Radio features, content, and display may vary by vehicle. Some features may not be available while driving.
- (5) Access to connected Alexa features requires SYNC 4 and FordPass Connect, complimentary Connected Service and the FordPass app (see FordPass Terms for details) . Eligible 2021 vehicles receive complimentary access to connected Alexa features (other than streaming media services) for three years, starting the date the customer accepts Ford Power-Up software update (after which fees may apply). 2022 model year vehicles receive complimentary access to connected Alexa features (other than streaming media services) for three years beginning on the new vehicle warranty start date (after which fees may apply). Available fall 2021. Connected service and features depend on compatible AT&T network availability. Evolving technology/cellular networks/vehicle capability may limit functionality and prevent operation of connected features. FordPass App, compatible with select smartphone platforms, is available via a download. Message and data rates may apply.
- (6) Commands may vary by phone and AppLink software.

Apple CarPlay, iOS and iPhone are registered trademarks of Apple, Inc., registered in the U.S. and other countries.

Android and Android Auto are trademarks of Google LLC. Data rates may apply.

NOTE: Image shown is representative. Actual screen may vary.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

Feature Resources



VIDEO
[Setting Personal Profiles](#)



VIDEO
[Pairing a Phone](#)

SYNC Push-to-Talk Button

- Located on the left side of the steering wheel
- Press and release the button to activate the voice recognition mode of SYNC
- Press and hold the button to activate Siri® Seamless Integration



NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

360-Degree Camera

The 360-Degree Camera with Split-View Display provides the driver a view of what is directly in front of or behind the vehicle, as well as cross-traffic views in front of and behind the vehicle. In addition, the driver can see a top-down view of the area outside the vehicle, including blind spots. The system uses cameras mounted in the front grille, near the tailgate or liftgate handle, and sideview mirrors to give the driver a continuous view of everything around the vehicle. It can also include front and/or rear camera washers.

AVAILABILITY

	Pro	XLT	LARIAT	Platinum
360-Degree Camera with Split-View Display	O	S	S	S

LEARN MORE ABOUT
THIS TECHNOLOGY

NOTE: Driver-assist features are supplemental and do not replace the driver's attention, judgment and need to control the vehicle. It does not replace safe driving.

[2022 F-150 Lightning](#) > [Technology](#) > Ford Co-Pilot360 Technology

Auto Hold

Auto Hold keeps the vehicle at a complete stop until the driver presses the accelerator. This is especially useful in stop-and-go traffic and at traffic lights, so the driver can relax his or her foot more comfortably. The rear brake lights remain illuminated when Auto Hold is engaged.

AVAILABILITY

	Pro	XLT	LARIAT	Platinum
Auto Hold	S	S	S	S



NOTE: Driver-assist features are supplemental and do not replace the driver’s attention, judgment and need to control the vehicle. It does not replace safe driving.

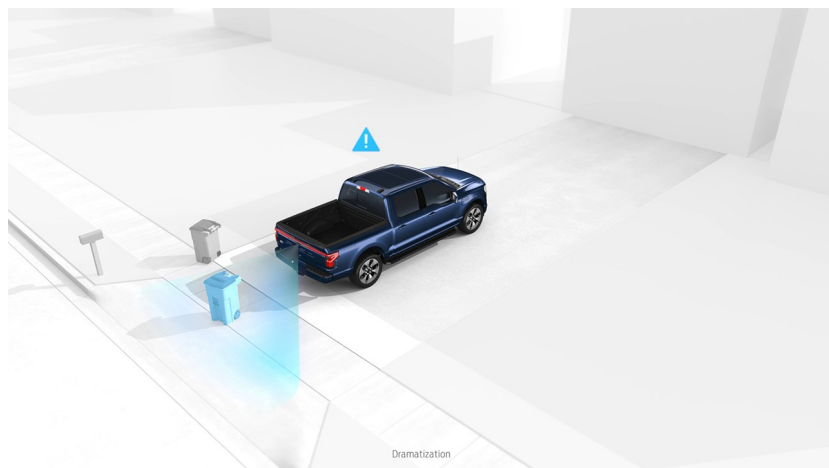
NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

[2022 F-150 Lightning](#) > [Technology](#) > Ford Co-Pilot360 Technology

Ford Co-Pilot360 2.0

Ford Co-Pilot 360 2.0 includes:

- Auto High Beams
- BLIS (Blind Spot Information System) with Cross-Traffic Alert
- Lane-Keeping System
- Post-Collision Braking
- Pre-Collision Assist with Automatic Emergency Braking (AEB), Pedestrian Detection and Forward Collision Warning with Dynamic Brake Support
- Rear Parking Sensors
- Rear View Camera
- Reverse Brake Assist



AVAILABILITY

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	Pro	XLT	LARIAT	Platinum
Ford Co-Pilot360 2.0	S	S	S	S

NOTE: Driver-assist features are supplemental and do not replace the driver's attention, judgment and need to control the vehicle. It does not replace safe driving.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Technology > Ford Co-Pilot360 Technology > Ford Co-Pilot360 2.0

Auto High Beams

Auto High-Beam Headlamps provide maximum illumination in low-light situations by switching between high and low beams based upon the intensity of light in front of the vehicle.

AVAILABILITY

	Pro	XLT	LARIAT	Platinum
Auto High Beams	S	S	S	S



NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Technology > Ford Co-Pilot360 Technology > Ford Co-Pilot360 2.0

BLIS (Blind Spot Information System) with Cross-Traffic Alert

BLIS (Blind Spot Information System) with Cross-Traffic Alert helps drivers change lanes or back out of a parking space with confidence. BLIS can alert the driver when a vehicle enters the blind spot zone. Cross-Traffic Alert warns of traffic approaching from the sides when the vehicle is in Reverse (R), such as slowly backing out of a parking space or driveway.

AVAILABILITY

	Pro	XLT	LARIAT	Platinum
BLIS (Blind Spot Information System) with Cross-Traffic Alert	S	S	S	S

LEARN MORE ABOUT
THIS TECHNOLOGY

NOTE: Driver-assist features are supplemental and do not replace the driver's attention, judgment and need to control the vehicle. It does not replace safe driving.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

[2022 F-150 Lightning](#) > [Technology](#) > [Ford Co-Pilot360 Technology](#) > [Ford Co-Pilot360 2.0](#)

Front Parking Sensors

The Front Parking Sensors on the front bumper help detect objects that are in front of the vehicle. Some vehicles will also assist with viewing the front of the vehicle through the touchscreen, when equipped. An audible tone will alert the driver to take corrective action, helping reduce the risk of a low-speed impact. This feature enables drivers to navigate tight parking spaces with confidence and detect low-to-the-ground items such as parking blocks and fire hydrants.

NOTE: Front Parking Sensors are referred to as Forward Sensing System on 2021 and earlier model years.

AVAILABILITY				
	Pro	XLT	LARIAT	Platinum
Front Parking Sensors	O	S	S	S

LEARN MORE ABOUT
THIS TECHNOLOGY

NOTE: Driver-assist features are supplemental and do not replace the driver's attention, judgment and need to control the vehicle. It does not replace safe driving.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

[2022 F-150 Lightning](#) > [Technology](#) > [Ford Co-Pilot360 Technology](#) > [Ford Co-Pilot360 2.0](#)

Lane-Keeping Aid, Lane-Keeping Alert and Driver Alert System

The Lane-Keeping System is a collection of features: Lane-Keeping Alert, Lane-Keeping Aid and Driver Alert System. The Lane-Keeping System alerts the driver, based on the mode selected, when the vehicle unintentionally starts to drift from the intended lane, and can provide steering assistance to help the driver bring the vehicle back into the traveling lane if needed.

AVAILABILITY

	Pro	XLT	LARIAT	Platinum
Lane-Keeping System with Lane-Keeping Aid, Lane-Keeping Alert and Driver Alert System	S	S	S	S

LEARN MORE ABOUT THIS TECHNOLOGY

NOTE: Lane-Keeping System does not control steering.

NOTE: Driver-assist features are supplemental and do not replace the driver's attention, judgment and need to control the vehicle. It does not replace safe driving.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Technology > Ford Co-Pilot360 Technology > Ford Co-Pilot360 2.0

Post-Collision Braking

Post-Collision Braking automatically applies moderate brake pressure when an initial collision event is detected. The on-board sensors interact with the restraint module, including whether an airbag was deployed or if the fuel cutoff switch was activated. Slowing the vehicle can potentially lessen injury to occupants and damage to the vehicle, as well as reduce the severity of a potential secondary collision.

AVAILABILITY

	Pro	XLT	LARIAT	Platinum
Post-Collision Braking	S	S	S	S

LEARN MORE ABOUT THIS TECHNOLOGY

NOTE: Driver-assist features are supplemental and do not replace the driver's attention, judgment and need to control the vehicle. It does not replace safe driving.

[2022 F-150 Lightning](#) > [Technology](#) > [Ford Co-Pilot360 Technology](#) > [Ford Co-Pilot360 2.0](#)

Pre-Collision Assist with Automatic Emergency Braking (AEB)

Pre-Collision Assist with Automatic Emergency Braking (AEB) scans the roadway ahead and emits an audible and visual warning if a possible collision is detected. In daylight and clear weather conditions, the feature may detect people in or near the road ahead, or pedestrians crossing the vehicle's path.

NOTE: If equipped with **Adaptive Cruise Control**, then Brake Support and Active Braking are active up to the maximum speed of the vehicle.

AVAILABILITY

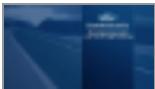
	Pro	XLT	LARIAT	Platinum
Pre-Collision Assist with Automatic Emergency Braking (AEB), Pedestrian Detection and Forward Collision Warning with Dynamic Brake Support	S	S	S	S



NOTE: Driver-assist features are supplemental and do not replace the driver's attention, judgment and the need to control the vehicle. Pre-Collision Assist with Automatic Emergency Braking detects pedestrians, but not in all conditions, and can help avoid or reduce a collision. It does not replace safe driving.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

[Feature Resources](#)



VIDEO
[Pre-Collision Assist with Automatic Emergency Braking](#)

[2022 F-150 Lightning](#) > [Technology](#) > [Ford Co-Pilot360 Technology](#) > [Ford Co-Pilot360 2.0](#)

Rear Parking Sensors

The Rear Parking Sensors can audibly alert the driver to certain objects close to the rear of the vehicle when the driver is slowly backing up. Some vehicles may offer a visual in the touchscreen when equipped. The system can detect what the driver may not see, such as other vehicles, fences or fire hydrants. It enables drivers to use better judgment in tight parking situations and provides information to help reduce damage from hitting objects at low speeds.

AVAILABILITY

	Pro	XLT	LARIAT	Platinum
Rear Parking Sensors	S	S	S	S

LEARN MORE ABOUT THIS TECHNOLOGY

NOTE: Driver-assist features are supplemental and do not replace the driver's attention, judgment and need to control the vehicle. It does not replace safe driving.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Technology > Ford Co-Pilot360 Technology > Ford Co-Pilot360 2.0

Rear View Camera

The Rear View Camera helps drivers maneuver their vehicle while in Reverse (R) by displaying an image of the space directly behind the vehicle on the center-stack touchscreen or rearview mirror. The feature is especially useful when backing out of a parking space or parallel parking.

AVAILABILITY

	Pro	XLT	LARIAT	Platinum
Rear View Camera with dynamic hitch assist	S	S	S	S

LEARN MORE ABOUT THIS TECHNOLOGY

NOTE: Driver-assist features are supplemental and do not replace the driver's attention, judgment and need to control the vehicle. It does not replace safe driving.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

[2022 F-150 Lightning](#) > [Technology](#) > Ford Co-Pilot360 Technology > **Ford Co-Pilot360 2.0**

Reverse Brake Assist

Reverse Brake Assist can help reduce, or avoid, a collision when backing up by automatically applying the brakes when the system detects an object in the vehicle's path.

AVAILABILITY

	Pro	XLT	LARIAT	Platinum
Reverse Brake Assist	S	S	S	S



NOTE: Driver-assist features are supplemental and do not replace the driver's attention, judgment and need to control the vehicle. It does not replace safe driving.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

[2022 F-150 Lightning](#) > [Technology](#) > Ford Co-Pilot360 Technology

Ford Co-Pilot360 Assist 2.0

Ford Co-Pilot360 Assist 2.0 is the next level of safety and convenience. Features such as Intelligent Adaptive Cruise Control, Evasive Steering Assist and Intersection Assist reinforce the driver's sense of confidence on the road.

AVAILABILITY

	Pro	XLT	LARIAT	Platinum
Ford Co-Pilot360 Assist 2.0	—	O	S	S

[2022 F-150 Lightning](#) > [Technology](#) > Ford Co-Pilot360 Technology > **Ford Co-Pilot360 Assist 2.0**

Intelligent Adaptive Cruise Control with Stop-and-Go, Lane Centering and Speed Sign Recognition

Intelligent Adaptive Cruise Control keeps a constant speed without having to work the brake or accelerator pedals — plus it automatically maintains a preset distance (or gap) from the vehicle ahead, based on the driver-selected gap setting. **Lane Centering** helps the driver stay centered within the lane, and **Stop-and-Go** can bring the vehicle to a stop if necessary and resume acceleration — in a traffic jam for instance. **Speed Sign Recognition** utilizes the forward-facing camera to scan speed limit signs and adjust vehicle speed accordingly.

AVAILABILITY

	Pro	XLT	LARIAT	Platinum
Intelligent Adaptive Cruise Control with Stop-and-Go, Lane Centering and Speed Sign Recognition	—	O	S	S



NOTE: Driver-assist features are supplemental and do not replace the driver's attention, judgment and need to control the vehicle. It does not replace safe driving.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Technology > Ford Co-Pilot360 Technology > Ford Co-Pilot360 Assist 2.0

Evasive Steering Assist

Evasive Steering Assist aids the driver in avoiding a collision with a slower or stopped vehicle ahead by providing a boost to the steering. This allows the driver to steer with less effort when the collision cannot be avoided by braking alone.

AVAILABILITY

	Pro	XLT	LARIAT	Platinum
Evasive Steering Assist	—	O	S	S



NOTE: Driver-assist features are supplemental and do not replace the driver's attention, judgment and need to control the vehicle. It does not replace safe driving.

Feature Resources



VIDEO

Evasive Steering Assist

2022 F-150 Lightning > Technology > Ford Co-Pilot360 Technology > Ford Co-Pilot360 Assist 2.0

Intersection Assist

Intersection Assist can help traverse a busy intersection, especially when other vehicles are around. Intersection Assist uses the front camera and radar sensors to detect oncoming traffic while the customer attempts to turn left. If there's a risk of a potential collision with an oncoming vehicle, the vehicle can alert the customer and apply the brakes even when not using a turn signal. This just might give them more confidence when attempting to make a left turn at an intersection.

AVAILABILITY

	Pro	XLT	LARIAT	Platinum
Intersection Assist	—	O	S	S

NOTE: Driver-assist features are supplemental and do not replace the driver's attention, judgment and need to control the vehicle. Intersection Assist does not detect all vehicles in intersections, pedestrians or cyclists. It does not replace safe driving. See Owner's Manual for details and limitations.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Technology > Ford Co-Pilot360 Technology > Ford Co-Pilot360 Assist 2.0

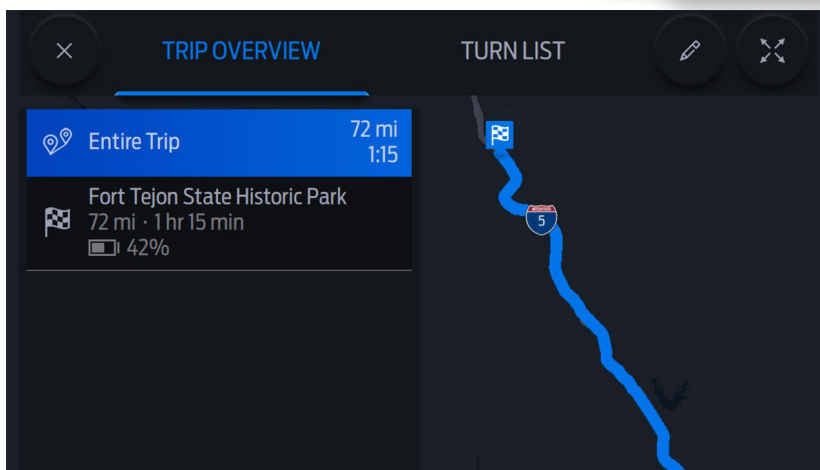
Connected Built-In Navigation

SYNC 4⁽¹⁾ Technology has upgraded the Voice-Activated Navigation System — creating a smartphone-like experience. Connected Built-In Navigation⁽²⁾ offers a complimentary 3-year service period to customers. It includes cloud-connected services, such as live traffic, Yelp integration, off-board cloud search and a streaming map.

Once the complimentary service period has ended, the existing embedded turn-by-turn navigation functionality continues for the life of the vehicle without the connected navigation services. This means the customer will see a dot/arrow on their map and will be able to enter an address for directions, but they won't have regular map updates, live traffic, weather, etc. After the 3-year service period, customers can pay to renew or reactivate the cloud-connected service plan.

NOTE: The 3-year service period begins at the warranty start date. The customer is auto-enrolled into connected navigation services once the FordPass Connect (modem) is activated.

NOTE: All terms are calculated from warranty start date, not activation.



AVAILABILITY

	Pro	XLT	LARIAT	Platinum
Connected Built-In Navigation	S	S	S	S

LEARN MORE ABOUT THIS TECHNOLOGY

- (1) Don't drive while distracted or while using handheld devices. Use voice-operated systems when possible. Some features may be locked out while the vehicle is in gear. Not all features are compatible with all phones.
- (2) Navigation services require SYNC 4/SYNC 4A and FordPass Connect, complimentary Connected Service and the FordPass App (see FordPass Terms for details). Eligible vehicles receive a complimentary 3-year trial of navigation services that begins on the new vehicle warranty start date. Customers must unlock the navigation service trial by activating the eligible vehicle with a FordPass member account. If not subscribed by the end of the complimentary period, the connected navigation service will terminate, and the system will revert to embedded offline navigation. Connected service and features depend on compatible AT&T network availability. Evolving technology/cellular networks/vehicle capability may limit the functionality and prevent operation of connected features. FordPass App, compatible with select smartphone platforms, is available via download. Message and data rates may apply.

[2022 F-150 Lightning](#) > [Technology](#) > Ford Co-Pilot360 Technology

Ford Co-Pilot360 Active 2.0

Ford Co-Pilot360 Active 2.0 is designed to reduce stress while driving on a highway and in parking situations. The features included in Ford Co-Pilot360 Active 2.0 are:

- Ford BlueCruise⁽¹⁾
- Active Park Assist 2.0

AVAILABILITY

	Pro	XLT	LARIAT	Platinum
Ford Co-Pilot360 Active 2.0	—	—	O	S



(1) Driver-assist features are supplemental and do not replace the driver’s attention, judgment and need to control the vehicle. BlueCruise is a hands-free highway driving feature. Only remove hands from the steering wheel when in a Hands-Free Blue Zone. Always watch the road and be prepared to resume control of the vehicle. It does not replace safe driving. See Owner’s Manual for detail and limitations. Requires purchased 3-year connected service plan with regular map updates, FordPass App and modem activation.

NOTE: Driver-assist features are supplemental and do not replace the driver’s attention, judgment and need to control the vehicle. It does not replace safe driving.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

[2022 F-150 Lightning](#) > [Technology](#) > Ford Co-Pilot360 Technology > [Ford Co-Pilot360 Active 2.0](#)

Active Park Assist 2.0

Active Park Assist 2.0 helps reduce the stress from parking by taking over the steering, shifting, braking and acceleration to navigate parallel or perpendicular parking spaces with ease. The system includes Park Out Assist, which provides assistance when exiting a parallel parking spot.

AVAILABILITY

	Pro	XLT	LARIAT	Platinum
Active Park Assist 2.0	—	—	O	S



NOTE: Driver-assist features are supplemental and do not replace the driver's attention, judgment and need to control the vehicle. It does not replace safe driving.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

[2022 F-150 Lightning](#) > [Technology](#) > [Ford Co-Pilot360 Technology](#) > [Ford Co-Pilot360 Active 2.0](#)

Ford BlueCruise

Ford BlueCruise⁽¹⁾ is a hands-free highway driver-assist technology feature that keeps a vehicle centered in the lane when using Intelligent Adaptive Cruise Control. BlueCruise, which includes an additional radar, a driver-facing camera and software, will be available at the time of the vehicle purchase. In proper conditions, it allows drivers to operate the vehicle without their hands on the steering wheel in Hands-Free Blue Zones on 130,000 miles of pre-mapped highway in the United States and Canada.

AVAILABILITY

	Pro	XLT	LARIAT	Platinum
Ford BlueCruise	—	—	O	S

LEARN MORE ABOUT THIS TECHNOLOGY

(1) Driver-assist features are supplemental and do not replace the driver's attention, judgment and need to control the vehicle. Ford BlueCruise is a hands-free highway driving feature. Only remove hands from the steering wheel when in a Hands-Free Blue Zone. Always watch the road and be prepared to resume control of the vehicle. It does not replace safe driving. See Owner's Manual for detail and limitations. Requires purchased 3-year connected service plan with regular map updates, FordPass App, and modem activation.

NOTE: The driver is responsible for controlling the vehicle at all times. The system is designed to be an aid and does not relieve the driver of responsibility to drive with due care and attention.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

[2022 F-150 Lightning](#) > [Technology](#) > [Ford Co-Pilot360 Technology](#)

Hill Start Assist

This feature helps to keep the vehicle from rolling back when it is on a slope and the driver's foot is transitioning from the brake pedal to the accelerator. It aids customers in situations such as pulling away from a car park ramp, accelerating from traffic lights on an incline or when reversing uphill into a parking space.

AVAILABILITY

	Pro	XLT	LARIAT	Platinum
Hill start assist	S	S	S	S

LEARN MORE ABOUT
THIS TECHNOLOGY

NOTE: Driver-assist features are supplemental and do not replace the driver's attention, judgment and need to control the vehicle. It does not replace safe driving.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning

Safety and Security

F-150 Lightning gives drivers peace of mind when road conditions change with AdvanceTrac with RSC (Roll Stability Control) and Curve Control. Customers not only have the standard Tire Pressure Monitoring System (TPMS), but they can add trailer tire monitoring and place a camera on their trailer to help them tow safely. Security systems include the standard perimeter alarm and SOS Post-Crash Alert System.



DEFINING SAFETY

To help understand and better present the suite of safety features found on F-150 Lightning, this section is divided into four categories.

- Accident Avoidance
- Child Safety
- Occupant Protection
- Personal Safety/Security

ADVANCED SECURITY PACK



Included on LARIAT and Platinum, the Advanced Security Pack provides the SecuriLock Passive Anti-Theft includes inclination and intrusion sensors. The inclination sensor is designed to detect an attempt to raise the truck, such as trying to remove a wheel or tow it. When armed, the alarm will be activated when these sensors are triggered, and the system sends an alert to the customer's phone through the FordPass App.⁽¹⁾

CURVE CONTROL

Curve Control works in conjunction with the AdvanceTrac electronic stability system to help the driver maintain control of the vehicle when taking a curve too quickly. If the vehicle enters a curve too fast, or the vehicle is not turning as much as the driver is steering, Curve Control responds by rapidly reducing torque and increasing brake pressure to help the driver keep the truck under control.



(1) FordPass, compatible with select smartphone platforms, is available via a download. Message and data rates may apply.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

AdvanceTrac with RSC (Roll Stability Control)

AdvanceTrac with RSC (Roll Stability Control) combines AdvanceTrac electronic stability control and Roll Stability Control technologies to monitor vehicle cornering behavior. It automatically makes braking and throttle adjustments when it senses wheelslip, loss of traction or roll motion to help keep the vehicle on its intended path for enhanced driver control.

ADVANCETRAC SYSTEMS

- Anti-Lock Brake System (ABS)
- Roll Stability Control (RSC)
- Traction control
- Yaw control system

SYSTEM DETAILS

AdvanceTrac with RSC monitors vehicle cornering behavior with steering angle, lateral acceleration and yaw sensors to maximize traction and maneuverability using ABS and traction control components:

- Automatically provides interactive yaw (a vehicle's rotation about its vertical axis) control
- Automatically makes braking and throttle adjustments when there is a discrepancy between the driver's inputs and the vehicle's motion
- Incorporates traction control to help the vehicle regain traction on loose or slippery surfaces
- Helps stabilize the vertical stability of the vehicle in adverse conditions like ice, gravel or rain
- Activates whenever the vehicle is started, but may be turned Off for certain situations, such as when "rocking" a vehicle stuck in mud or snow

ROLL STABILITY CONTROL (RSC)

- Detects the roll angle of the vehicle on the horizontal axis
- Monitors vehicle body roll angle at least 100 times per second
- Automatically reacts to help the driver keep the vehicle upright and all four tires on the ground

ANTI-LOCK BRAKE SYSTEM (ABS)

- Sensors monitor wheel rotation speeds, checking for the onset of wheel lockup
- If the onset of lockup is detected, the system compensates for this condition and prevents wheel lockup by automatically "pumping" the brakes several

TRACTION CONTROL

- Helps provide controlled acceleration and traction at all vehicle speeds
- Electronically detects a difference in rotational speed between the front and rear wheels (wheelslip)
- Below 35 mph, the actuator pulses the brake calipers to the drive wheels to reduce wheelslip

times per second, even when the brakes are firmly applied

- Improves vehicle steering control in severe braking maneuvers under a variety of weather conditions

- By applying brakes, reducing motor torque to the drive wheels, traction is restored
- At speeds greater than 35 mph, brake activation is eliminated and only motor torque to the drive wheels is reduced until traction is restored

MAKE THE POINT: ADVANCETRAC WITH RSC OPERATION

Explain to your customers that when AdvanceTrac with RSC is active, the following may be noticed:

- Rumble sound much like ABS or traction control
- Slight deceleration or a reduction in the acceleration of the vehicle
- AdvanceTrac indicator light will flash
- When the brakes are applied, the driver will feel a vibration in the pedal much like ABS. As with any vehicle equipped with ABS, the brakes should not be pumped, but should be applied with firm, steady braking pressure

Assure your customers that these are normal operational characteristics of AdvanceTrac.

NOTE: Remember that even advanced technology cannot overcome the laws of physics. It's always possible to lose control of a vehicle due to inappropriate driver input for the conditions.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Safety and Security > Accident Avoidance

Auto-Dimming Driver Sideview Mirror

For driver convenience, the auto-dimming driver sideview mirror can automatically dim to reduce glare when bright lights are detected from behind the vehicle. The mirror will return to normal reflection when bright lights are no longer detected or when the vehicle is placed in Reverse (R). The sideview mirror also automatically darkens when the interior auto-dimming rearview mirror turns on.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Safety and Security > Accident Avoidance

Curve Control

Curve Control works in conjunction with AdvanceTrac with RSC (Roll Stability Control) to help the driver maintain control of the vehicle when taking a curve too quickly.



SYSTEM DETAILS

- Uses sensors to measure roll rate, yaw rate, lateral acceleration, wheel speed and steering wheel angle, and runs calculations based on those inputs 100 times every second
- Measures how quickly the vehicle is turning and compares that with how quickly the driver is trying to turn
- If the vehicle enters a curve too fast, or the vehicle is not turning as much as the driver is steering, Curve Control responds by rapidly reducing torque and increasing brake pressure to help keep the vehicle under control and help the driver follow the intended path
- Is effective on dry or wet pavement, and is expected to be particularly useful when a driver is entering or exiting freeway on- or off-ramps with too much speed

NOTE: Remember that even advanced technology cannot overcome the laws of physics. It's always possible to lose control of a vehicle due to inappropriate driver input for the conditions.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Safety and Security > Accident Avoidance

Electronic Brakeforce Distribution (EBD)

Electronic brakeforce distribution (EBD) sends the optimum amount of braking pressure to the rear brakes under a variety of load conditions to help reduce the incidence of rear-wheel lockup.

SYSTEM DETAILS

- Helps the driver apply the brakes with confidence in various conditions
- Effective in braking before the Anti-Lock Brake System (ABS) activates
- Together, ABS and EBD allow all four wheels to provide enhanced braking and help to provide improved braking under heavy loads
- Eliminates the need for a hydraulic brake-proportioning valve
- Uses some components of ABS to sense the braking requirements of the vehicle
- Rear brake pressure is adjusted according to the vehicle load, cargo and/or payload

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

Individual Tire Pressure Monitoring System (TPMS)

The Individual Tire Pressure Monitoring System (TPMS) alerts the driver to significant underinflation of individual tires by illuminating a warning light in the vehicle's instrument cluster.

SYSTEM DETAILS

- | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> • Uses a tire pressure sensor mounted to each wheel that senses tire pressure • Sensors use radio frequency transmitters to send tire pressure information to the vehicle's onboard computer | <ul style="list-style-type: none"> • The computer alerts the driver to significant underinflation of individual tires <ul style="list-style-type: none"> ▪ Instrument cluster will display tire pressure for each wheel location, as well as which tire may be underinflated ▪ A warning light will appear in the vehicle's instrument cluster when a tire is significantly underinflated | <ul style="list-style-type: none"> • Properly inflated tires can help improve fuel economy and add to a smooth ride • Recommended tire pressure label is on the driver's door B-pillar area |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

Individual Trailer Tire Pressure Monitoring System (TPMS)

- Monitors and displays individual tire pressures of a connected trailer
- Provides a warning if any of the tires are significantly underinflated
- Includes:
 - TPMS module for the trailer
 - Four trailer tire pressure sensors; system supports up to six tire pressure sensors
 - 12-pin connector
 - 4-way/7-way adapter
- Supports trailer tire pressures of 25–125 psi

- Wheels must be, at minimum, a 3.5" J-type style
- Trailer TPMS sensor installation required
 - TPMS sensors only compatible on wheels with a 0.452" diameter valve stem
 - Not compatible with DRW trailers

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

Feature Resources



VIDEO

Trailer Tire Pressure Monitoring System (TPMS)

2022 F-150 Lightning > Safety and Security > Accident Avoidance

Trailer Sway Control

Trailer sway control works in conjunction with AdvanceTrac with RSC (Roll Stability Control) to detect trailer sway and reduce it as necessary.

SYSTEM DETAILS

- AdvanceTrac control module incorporates additional software to monitor the vehicle's performance while towing
- The added software measures the yaw motion of the vehicle to determine if the trailer is swaying and then responds to eliminate the sway condition by reducing engine power and/or applying brake pressure to certain wheels to help the driver regain control of the trailer
- If the vehicle is equipped with the available integrated trailer brake controller and the trailer has electric brakes, the trailer brakes will also be activated to help reduce the sway condition and help the driver regain control of the trailer



NOTE: Remember that even advanced technology cannot overcome the laws of physics. It's always possible to lose control of a vehicle with inappropriate driver input for the conditions.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Safety and Security > Accident Avoidance

Wiper-Activated Headlamps

Wiper-activated headlamps automatically turn on the headlamps and taillamps when the windshield wipers are being used — helping the driver see, and the vehicle to be seen, in inclement weather.



SYSTEM DETAILS

- When the headlamp switch is in the Auto position and the windshield wipers are activated in any Mode except Mist or Wash, the vehicle headlamps will automatically turn on within three seconds
- Once the front wipers are deactivated, the headlamps will automatically turn off within 30 seconds

NOTE: Driver-assist features are supplemental and do not replace the driver's attention, judgment and need to control the vehicle. It does not replace safe driving.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Safety and Security > Child Safety

LATCH (Lower Anchors and Tether Anchors for Children) System

LATCH (Lower Anchors and Tether Anchors for Children) is a child-safety seat installation method designed to make proper installation of a child-safety seat easier. The feature can eliminate the need to use safety belts when installing a child-safety seat by providing a secure attachment to help reduce the likelihood of incorrect installation.

LATCH DETAILS

- LATCH-compatible child-safety seats attach to the lower anchor points by means of flexible tethers or rigid latch bars
- Uniform installation method helps eliminate the confusion associated with a variety of safety belt systems
- Consists of a top tether anchor point and two rigid bars located where the seat cushion meets the seat back
- LATCH provisions are only for the two outboard rear seating positions
- Where LATCH is not used or provided, safety belts can be used to mount and secure child-safety seats

NOTE: See the Owner's Manual for more information.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Safety and Security

Insurance Institute for Highway Safety (IIHS) Crash Test Ratings

The Insurance Institute for Highway Safety (IIHS) tests evaluate two aspects of safety:

- **Crashworthiness** — how well a vehicle protects its occupants in a crash
- **Crash avoidance and mitigation** — technology that can prevent a crash or lessen its severity

Crashworthiness

To determine crashworthiness, IIHS rates vehicles based on performance in six tests: driver-side small overlap front, passenger-side small overlap front, moderate overlap front, side impact, roof strength and head restraints. Each vehicle receives a rating of "Good," "Acceptable," "Marginal" or "Poor."

Crash Avoidance and Mitigation

In the area of crash avoidance and mitigation, vehicles with available front crash prevention systems are rated "Basic," "Advanced" or "Superior," based on the type of system and performance in track tests. Headlamps are also tested and rated "Good," "Acceptable," "Marginal" or "Poor."

VEHICLE RATINGS

F-150 Lightning has yet to be tested by the Insurance Institute for Highway Safety (IIHS). For more information, visit www.iihs.org.

IIHS Ratings	
IIHS Test	Test Evaluation Result
Front Moderate Overlap	To be tested

TOP SAFETY PICK

To earn **"Top Safety Pick,"** vehicles must receive "Good" ratings in the front moderate overlap, side impact, roof strength, and head restraints and seats tests, as well as "Good" or "Acceptable" in the front small overlap test.

Front Small Overlap (driver and passenger sides)	To be tested
Side	To be tested
Roof Strength	To be tested
Head Restraints and Seats	To be tested
Front Crash Prevention	To be tested

To earn **"Top Safety Pick+,"** vehicles must meet the "Top Safety Pick" criteria, plus earn an "Advanced" or "Superior" rating for front crash prevention.

2022 F-150 Lightning > Safety and Security

National Highway Traffic Safety Administration (NHTSA) Crash Tests, Ratings and Results

The National Highway Traffic Safety Administration's (NHTSA) New Car Assessment Program (NCAP) created the 5-Star Safety Ratings Program to provide consumers with information about the crash protection and rollover safety of new vehicles.⁽¹⁾ The ratings, ranging from 1 star (the lowest rating) to 5 stars (the highest rating), help consumers make a more educated decision on new vehicle purchases.

Frontal and side crash test ratings are located in the Government Safety Ratings portion of the vehicle window sticker.

OVERALL VEHICLE SCORE

- As NHTSA tests new vehicles, star ratings from their three tests will be combined into a single Overall Vehicle Score of 1 to 5 stars
- This rating is available online at www.nhtsa.gov and on the vehicle window sticker
- This single-star rating is made up of weighted portions of the NCAP front crash score (42%), side crash score (33%) and rollover rating (25%)

VEHICLE RATINGS

F-150 Lightning has yet to be tested by NHTSA. For more information, visit www.nhtsa.gov.

NHTSA Results		
Model	Crash Test	Ratings
F-150 Lightning	Frontal Barrier – Driver	To be tested
	Frontal Barrier – Passenger	To be tested
	Side Barrier – Driver	To be tested
	Side Barrier – Rear Passenger	To be tested
	Overall Side Pole	To be tested
	Rollover	To be tested
	Overall Safety Rating	To be tested

What Do the Star Ratings Mean?⁽¹⁾

★★★★★	5 stars = Injury risk for the vehicle is much less than average
★★★★	4 stars = Injury risk for the vehicle is less than average to average
★★★	3 stars = Injury risk for the vehicle is average to greater than average
★★	2 stars = Injury risk for the vehicle is greater than average
★	1 star = Injury risk for the vehicle is much greater than average

(1) Government 5-Star Safety Ratings are part of the National Highway Traffic Safety Administration's (NHTSA's) New Car Assessment Program (www.nhtsa.gov).

Adjustable Head Restraints

Properly installed and adjusted head restraints help minimize the risk of neck injury in the event of a crash.

SYSTEM DETAILS

- Whenever possible, the head restraint should be properly adjusted when the seat is occupied
- Do not adjust the head restraint when the vehicle is moving

FRONT 2-WAY ADJUSTABLE HEAD RESTRAINTS

- Can be adjusted up or down
- To adjust the head restraint up and down:
 - Pull the head restraint up to raise it
 - Press and hold the button at base of head restraint and push the head restraint down to lower it

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

Front-Seat Side Airbags

Front-seat side airbags help protect the torso and pelvis of front-seat occupants in certain side collisions. The airbags are located in the outboard side of the front seat backs, so they are always in the correct deployment position, no matter where the seat is positioned.

SYSTEM DETAILS

- Feature adaptive venting technology designed to divert a portion of the gas from the airbag inflators through vents outside of the airbags
- Designed to help enhance chest protection for front-seat occupants with shoulder vents that deliver varying levels of pressure based on the size of the

ENGINEERING INSIGHT: FRONT-SEAT SIDE AIRBAG TECHNOLOGY

Side airbags deploy lower in the pelvic area in addition to the chest and incorporate venting technology. The adaptive vent in the side airbag takes into account the size of the occupant and varies the

occupant and the amount their shoulder blocks the vent

pressure so a smaller occupant gets a lower pressure.

The adaptive vent is lined up with the shoulder area of the occupant. For larger passengers, the shoulder engages the vent and keeps it from venting, so the gas stays inside the airbag. For smaller passengers, the effect is just the opposite: Because the shoulder is below the vent, the gas vents out of the bag.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Safety and Security > Occupant Protection

Personal Safety System

The Personal Safety System provides an overall level of frontal crash protection to front-seat occupants and is designed to help further reduce the risk of airbag-related injuries. The system is able to analyze different occupant conditions and crash severity before activating the appropriate safety devices to help protect a range of occupants in a variety of frontal crash situations.

MORE DETAILS

- Adjusts the deployment of the airbags to help enhance protection for front occupants depending on a number of factors, which include:
 - If the driver and front passenger are buckled in
 - How far forward or back the driver's seat is
 - How severe a crash is
 - Whether or not a passenger is in the front seat
- The restraint control module (RCM) compiles this information and determines whether to activate front outboard safety belt pretensioners and deploy any or all of the airbags, depending on the severity of the crash
- In addition to the RCM, several other safety components are used:
 - Electronic front crash severity sensor
 - Driver's seat position sensor
 - Safety belt usage sensors
 - Front outboard safety belt pretensioners
 - Front outboard safety belt energy management retractors
 - Dual-stage driver and front-passenger airbags
 - Front Passenger Sensing System

NOTE: Always wear your safety belt and secure children in the rear seat.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Safety and Security > Occupant Protection

Safety Canopy System

The Safety Canopy System combines side-curtain airbags and a rollover sensor to help provide head protection for all outboard seating positions in certain side-impact and rollover situations.

Protects the heads of outboard passengers in the 1st and 2nd rows.

MORE DETAILS

- Inflators for the side-curtain airbags are located in the roof side rails behind the headliner
- The side-curtain airbags are triggered independently of the dual-stage front airbags by side-impact sensors or by the rollover sensor
- In the event of a rollover, the airbags deploy downward and outward toward the side window
- Safety Canopy System airbags stay inflated for an extended period of time for added protection in multiple rollovers or side impacts
- Will not interfere with a properly installed child-safety seat or booster seat
- Air curtains feature “roll-fold” technology:
 - Deploys the airbags from the headliners alongside the interior panels and windows
 - The airbag is designed to slide between the glass and the occupant as it fills

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Safety and Security > Personal Safety/Security

Advanced Security Pack

- Includes SecuriLock Passive Anti-Theft System, inclination and interior motion sensors
- Engages when locking and arming the vehicle with the remote transmitter or power door lock switch (if equipped) with a door open
- When all doors are closed, the Advanced Security Pack monitors doors, hood, interior motion and vehicle inclination
- Inclination sensor is designed to help prevent tow-away thefts
- Interior motion sensor is designed to help prevent “smash-and-grab” break-ins
- Includes a separate alarm sounder plus the vehicle horn
- All windows must be closed for proper motion-sensing performance



NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

MyKey

MyKey allows vehicle owners to program keys with restricted driving Modes to help promote good driving habits. All but one of the keys can be activated with these restricted Modes.

Programming of MyKey is done via the Message Center, Productivity Screen or center-stack screen, depending on the vehicle. Any keys that remain unprogrammed are referred to as Administrator keys or *Admin keys*.

Admin keys can be used to:

- Create a MyKey with certain vehicle restrictions
- Program configurable MyKey settings
- Clear all MyKey restrictions

When a MyKey has been created, the holder of the MyKey *Admin key* can use the Message Center, Productivity Screen or center-stack screen to determine:

- How many *Admin keys* and MyKeys are programmed to the vehicle
- The total distance the vehicle traveled with a particular MyKey

The ability to track this information by individual MyKey is very useful. Parents can monitor family driving, and fleet owners can monitor fleet driver usage.

NOTE: MyKey is not compatible with non-Ford-approved aftermarket remote start systems.

MYKEY STANDARD SETTINGS

Not every vehicle includes the features listed below.

No adjustment can be made once MyKey is activated to these standard preset features:

Safety Belt Reminder

This feature cannot be disabled. There is a persistent Belt-Minder alert that mutes the audio system until the front safety belt(s) is (are) fastened.

Early Low Fuel or Charge

The low-fuel or low-charge warning activates earlier for MyKey drivers, giving them more time to refuel or recharge.

Example:

Every vehicle has a standard low-fuel warning feature that cannot be turned on or off. The parent has an *Admin key* and will get the low-fuel warning at the 50-miles-to-empty mark. The child or family member has a MyKey and will get the low-fuel warning sooner at the 75-miles-to-empty mark. See the Owner's Manual for more information on low-fuel or low-charge warnings and MyKey.

Restricted Touchscreen Operation

MyKey may prevent manual navigation destination input or required voice commands while the vehicle is in any gear other than Park (P) or when the vehicle reaches a certain rate of speed.

MYKEY CONFIGURABLE SETTINGS

There are a variety of settings that can be configured or reconfigured using the *Admin key*. With an *Admin key*, the vehicle owner can configure certain MyKey settings when first creating a MyKey and before recycling the key or restarting the vehicle.

These settings are adjustable once MyKey is activated:

Set Vehicle Speed Limit

Warnings will be shown in the display, followed by an audible tone, when the vehicle reaches the set speed. The set speed cannot be overridden by fully depressing the accelerator pedal or by setting cruise control.

Set Speed Reminders

Once a speed is selected, it will be shown in the display, followed by an audible tone, when the preselected vehicle speed is exceeded.

Set Maximum Audio Volume

Audio system maximum volume can be set to 45% of maximum volume using the *Admin key*, allowing MyKey drivers to concentrate on the road. A message will be shown in the display when an attempt is made to exceed the limited volume. Also, the speed-sensitive or compensated automatic volume control will be disabled. This system may not be compatible with the base audio system, depending on the vehicle.

Set as Always On

Satellite Radio Adult Content Restrictions

If the vehicle is receiving satellite radio, MyKey will automatically block satellite radio stations carrying adult content.

Example:

It's a safe assumption that a driver with a MyKey is most likely under 18 years of age. The programmed MyKey will automatically block satellite radio stations with adult content (e.g., the Howard Stern channel).

Driver-Assist and Parking Aids

Certain driver alerts, stability systems or parking aids turn on automatically when you use the MyKey system. For example, BLIS (Blind Spot Information System), Cross-Traffic Alert, Lane Departure Warning or Forward Collision Warning.

NOTE: MyKey drivers may be able to turn the Lane Departure Warning feature Off, but this feature turns back On automatically with every new key cycle.

These standard settings help contribute to driver and passenger safety.

Using the *Admin key*, certain vehicle operating features can be set as "Always On." When they have been set, these functions cannot be switched Off:

- AdvanceTrac or traction control
- Do Not Disturb function that blocks all incoming calls and stores incoming text messages for later retrieval


NOTE: If a compatible phone is properly paired using Apple CarPlay® or Android Auto™ while driving with a MyKey, the driver can receive phone calls and text messages even if the Do Not Disturb restriction is On, and if the vehicle is equipped with satellite radio, the adult content is not restricted.

- Does not block hands-free outgoing calls in case of emergency
- 911 Assist⁽¹⁾ or emergency assistance and/or the Do Not Disturb features stay On even if a MyKey driver uses the feature's control switch to turn it Off

NOTE: Available vehicle features will appear in the Message Center, Productivity Screen or center-stack screen, depending on the vehicle, providing choices to switch them On or Off or to select a more specific setting. It's a way to further personalize the vehicle by selecting and setting operating choices or limits.

ADDITIONAL TIPS FOR QUICK MYKEY SETUP

You must switch On the vehicle using the *Admin key* to configure a MyKey. All MyKeys are programmed to the same settings. They cannot be programmed individually. For vehicles equipped with push-button start, when both a MyKey remote transmitter and an Admin remote transmitter are present, the vehicle will defer to the Admin remote transmitter's settings when switching On the vehicle.



MAKE IT EASY...

Be ready to answer these customer FAQs

GO >

(1) The vehicle's electrical system (including the battery), the wireless service provider's signal and a connected mobile phone must all be operating for 911 Assist to function properly. These systems may become damaged in a crash. The paired mobile phone must be connected to SYNC, and the 911 Assist feature enabled, in order for 911 to be dialed. When the feature is ON, 911 Assist uses your paired and connected mobile phone to assist occupants to contact emergency services by dialing 911 if your airbag deploys or, on certain vehicles, if the emergency fuel pump shut-off is activated. Aftermarket onboard diagnostic devices may interfere with various vehicle systems, including Vehicle Health Report and 911 Assist. To avoid interference, remove the device or contact the device maker for more information on compatibility.

Android Auto is a trademark of Google LLC.

Apple CarPlay is a trademark of Apple Inc., registered in the U.S. and other countries.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

Feature Resources



VIDEO
MyKey

2022 F-150 Lightning > Safety and Security > Personal Safety/Security > MyKey

Make It Easy — Creating a MyKey

Customers look to you to assist them in creating, configuring and managing MyKey operation. Here are common MyKey questions and their answers:

How do I create a MyKey key fob?

The steps are simple to follow, and it only takes a few minutes to create a MyKey:

- Insert the key to be programmed into the ignition. If the vehicle is equipped with a push-button start, place the Intelligent Access key fob into the backup slot, which varies by vehicle. The backup slot location can be found by referencing the Passive Anti-Theft System section in the Owner's Manual
- Switch the ignition On
- Access the main menu in the Message Center, Productivity Screen or center-stack screen, depending on the vehicle, and then scroll through the menus to change the settings of the MyKey
- From the MyKey menu, select the "Create MyKey" option
 - If the MyKey menu is in the Message Center, then, when prompted, hold the OK button on the steering wheel until the "Label this as a MyKey" message appears, OR
 - If the MyKey menu is in the center stack (SYNC screen), press "Yes" on the center-stack screen when prompted
- The programmed restrictions apply when the vehicle is shut Off
- Open and close the driver's door and restart the vehicle with the programmed key

MyKey is successfully created. Make sure the key fob/transmitter is labeled MyKey, which distinguishes it from the *Admin key*.

How do I program MyKey or change configurable settings?

How do I clear the MyKey settings?

When a MyKey is cleared, it removes all restrictions and immediately returns all MyKeys to their original *Admin key* status. Here's how to clear all MyKeys of all MyKey settings:

- Switch the ignition On using an *Admin key*
- Access the main menu in the Message Center, Productivity Screen or center-stack screen, depending on the vehicle, and then scroll through the menus to begin clearing the MyKey programming
- Follow the instructions in the display
- A confirmation message appears in the display once the MyKey settings are cleared

NOTE: When MyKeys are cleared, all restrictions and settings return all MyKeys to their original *Admin key* status. MyKey restrictions cannot be removed individually.

How do I check MyKey system status?

MyKeys can be programmed to provide information on drivers using a particular MyKey. To review the programmed information on a particular MyKey, start by going to the Message Center, Productivity Screen or center-stack screen, depending on the vehicle:

- **MyKey Distance** — tracks accumulated driving distance of a MyKey user
 - **To delete the accumulated distance**, use an *Admin key* to clear all MyKeys
 - **If the distance does not accumulate as expected**, then the intended user is not using the MyKey, or an *Admin key* user recently cleared and then recreated a MyKey

Once a MyKey has been created, configurable settings can be programmed:

- Switch the ignition On using the *Admin key* or key fob/transmitter to be programmed
- Access the main menu in the Message Center, Productivity Screen or center-stack screen, depending on the vehicle, and then scroll through the menus to change the MyKey settings
- Follow the instructions in the display
- The programmed restrictions apply when the vehicle is switched Off
- Switch the vehicle Off, open and close the driver's door and restart the vehicle with the programmed key or key fob/transmitter

NOTE: MyKey settings can be cleared or changed at any time during the same cycle when the MyKey was created. Once the vehicle is switched Off, however, the *Admin key* is needed to change or clear the MyKey settings. When any changes are made to a MyKey, those changes are applied to the settings on every MyKey. That's because individual changes cannot be made to an individual MyKey.

For more information on MyKey functions, programming and managing information, refer to the Owner's Manual.

- **Number of MyKeys** — indicates the number of MyKeys programmed to the vehicle
 - Use this feature to detect how many MyKeys are programmed to the vehicle and to determine when all MyKeys have been deleted
- **Number of Admin keys** — indicates how many *Admin keys* are programmed to the vehicle. This feature identifies how many *Admin keys* are assigned to the vehicle and detects if an additional MyKey has been programmed

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

Feature Resources



VIDEO
MyKey

2022 F-150 Lightning > Safety and Security > Personal Safety/Security

Perimeter Alarm

- Monitors against unauthorized entry of the doors or hood when the vehicle is locked
- If unauthorized entry is detected, system will sound the horn and flash the park/turn lamps



NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Safety and Security > Personal Safety/Security

SecuriLock Passive Anti-Theft System

The SecuriLock Passive Anti-Theft System is designed to help prevent the vehicle from being started unless a coded key or key fob, programmed to the vehicle, is used.

SYSTEM DETAILS

- Helps protect against drive-away theft through an electronically coded ignition key
- Electronically coded ignition key (if equipped) features billions of possible codes to start the vehicle
- Not compatible with non-OEM aftermarket remote start systems
- Attaching large metallic objects, like a Mobil Speedpass®, on the same key ring may cause starting problems

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Safety and Security > Personal Safety/Security

SOS Post-Crash Alert System

The SOS Post-Crash Alert System automatically flashes the hazard lights and intermittently sounds the horn after an accident where the airbag(s) deploy(s) or when a properly engaged safety belt pretensioner is activated.⁽¹⁾

MORE DETAILS

- Automatically unlocks the doors, allowing rescue workers to open them from the outside
- System operates until deactivated or 12-volt battery power is depleted
- Flashing the hazards and sounding the horn help make it easier to locate the vehicle if the accident happens off the roadway
- Owners can deactivate the system by pressing the Hazard Lights switch or the Panic or Unlock button on the remote key fob

(1) SOS hardware may become damaged or the battery may lose power in a crash, which could prevent operation. Not all crashes will activate an airbag or safety belt pretensioner.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning

Packages

2022 F-150 Lightning > Packages

Max Trailer Tow Package

AVAILABILITY

- Optional on Pro, XLT and LARIAT for trailer tow rating of up to 10,000 lbs.⁽¹⁾
- Standard on Platinum
- Order code 53D



INCLUDES

- Increased trailer towing capacity

(1) See the RV & Trailer Towing Guide for ratings of specific configurations. Maximum towing will vary based on cargo, vehicle configuration, accessories and number of passengers.

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning > Packages

Tow Technology Package

AVAILABILITY

- Optional on Pro, XLT and LARIAT (510A)
- Standard on Platinum and included in LARIAT 511A
- Order code 17V

INCLUDES

- Integrated trailer brake controller
- Onboard Scales with Smart Hitch
- Pro Trailer Backup Assist
- Trailer Reverse Guidance
- Smart Trailer Tow Connector

NOTE: For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).

2022 F-150 Lightning

Availability by Model

This section of eSourceBook indicates standard and available equipment for F-150 Lightning, starting with key standard features by model and Equipment Group content shown on this page. F-150 Lightning is available in four models:

- Pro
- XLT
- LARIAT
- Platinum

F-150 LIGHTNING FEATURE AVAILABILITY

Click on the links below to see the complete listing of standard and available features in chart form, as well as color and trim and wheel selections.

- **Performance and Capability**
- **Exterior**
- **Interior**
- **Technology**
- **Safety and Security**
- **Equipment Groups**
- **Accessories**
- Color and Trim Availability
- **Wheels**

PRO (110A)	XLT (311A)	LARIAT (510A)	PLATINUM (710A)
	All Pro content, plus:	All XLT content, plus:	All LARIAT content, plus:
Key Standard Performance and Capability Features			
<ul style="list-style-type: none"> • Battery – standard-range (98 kWh) • Brakes – 4-wheel disc with Anti-Lock Brake System (ABS) and Regenerative Braking System • Class IV trailer tow hitch • Differential – electronic locking rear • Drivetrain/Powertrain <ul style="list-style-type: none"> ▪ 4x4 ▪ eMotors – dual inboard three-phase fixed magnet AC motors 		<ul style="list-style-type: none"> • Pro Power Onboard – 9.6 kW • Tires – 275/60R20 all-season 	<ul style="list-style-type: none"> • Battery – extended-range (131 kWh) • Max Trailer Tow Package • Tow Technology Package <ul style="list-style-type: none"> ▪ Integrated trailer brake controller ▪ Onboard Scales with Smart Hitch ▪ Pro Trailer Backup Assist ▪ Smart Trailer Tow Connector ▪ Trailer Reverse Guidance • Tires – 275/50R22 all-season

<ul style="list-style-type: none"> ▪ Transaxles — front and rear ▪ Transmission — single-speed automatic • Jack • Pro Power Onboard — 2.4 kW • Selectable Drive Modes — Normal, Sport, Tow/Haul and Off-Road • Suspension <ul style="list-style-type: none"> ▪ Front — independent with coil springs, heavy-duty gas shock absorbers and stabilizer bar ▪ Rear — independent with coil springs, heavy-duty gas shock absorbers, semi trailing arm and stabilizer bar • Spare tire carrier — rear, under frame • Spare tire/wheel lock • Steering — electric power-assisted (EPAS) rack-and-pinion • Tires — 275/65R all-terrain (incl. spare) 			
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Key Standard Exterior Features

<ul style="list-style-type: none"> • Badging, fender — “PRO” • Beltline molding — black • Bumpers, front and rear — black • Grille — Carbon Black • Door and tailgate handles — black with black bezels • Front trunk (frunk) — power open/close • Mirror caps — black • Mirrors — dual manual-folding/ manual glass • Pickup box tie-down hooks (four) • Stone cuffs — front/rear • Tailgate Lift Assist • Tailgate — removable with key lock • Tow hooks, front — two • Wheels — 18" machined aluminum with high-gloss black-painted pockets (incl. spare 18" aluminum wheel) 	<ul style="list-style-type: none"> • Badging, fender — “XLT” • BoxLink with four (4) premium locking cleats • Bumpers, front and rear — body-color • Grille — Geometric Gray-ion Fine Satin Metallic with LED signature front lighting • LED side-mirror spotlights • Mirrors — manual-folding, power glass with heat and turn signals • Running boards, extended — Carbon Black fixed with enhanced lighting • SecuriCode™ keyless entry keypad, driver side 	<ul style="list-style-type: none"> • Badging, fender — “LARIAT” • Door and tailgate handles — body-color • Grille — premium Geometric Gray-ion Fine Satin Metallic with LED signature front lighting • LED box lighting • Mirror caps — body-color • Mirrors — power-folding, power glass with heat, turn signal, memory, auto-dimming driver-side feature and high-intensity LED security approach lamps • Wheels — 20" Dark Carbonized Gray-painted aluminum 	<ul style="list-style-type: none"> • Badging, fender — “PLATINUM” • Beltline molding — high-gloss black • Grille — high-gloss Vador Black with LED signature front lighting • Skid plate, front — Vador Black • Wheels — 22" bright-machined aluminum with Ebony Black-painted pockets
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- Windshield wipers — intermittent

Key Standard Interior Features

<ul style="list-style-type: none"> • Audio — AM/FM stereo with 6 speakers • Climate control — dual-zone electronic automatic temperature control • Door locks — power with flip key and integrated key transmitter keyless entry (incl. autolock) • Fade-to-off interior lighting • Floor covering — black vinyl • Grab handles <ul style="list-style-type: none"> ▪ Front — A-pillar, driver and passenger side ▪ Rear — B-pillar • Horn — dual-note • Instrumentation <ul style="list-style-type: none"> ▪ 12" productivity screen in instrument cluster ▪ 12" landscape-style center-stack touchscreen ▪ Compass • Scuff plates, door sill — driver/front-passenger • Seating — Medium Dark Slate Gray vinyl <ul style="list-style-type: none"> ▪ Front bucket with flow-through console and stowable floor shifter ▪ 2-way manual driver/front-passenger ▪ Rear 60/40 split flip-up with elongated cushion • Steering column — manual tilt/telescoping • Steering wheel — black urethane • Steering wheel — black • Visors — front with covered mirrors • Windows — power front and rear with one-touch up/down driver and front-passenger • Window, rear — fixed privacy glass 	<ul style="list-style-type: none"> • Floor covering — color-coordinated carpet with carpeted floor mats • Illuminated entry • Interior Work Surface • Pedals — power-adjustable • Seating — Medium Dark Slate cloth with Gauge bolster <ul style="list-style-type: none"> ▪ 8-way power driver seat (power lumbar driver/manual lumbar passenger) ▪ Rear under-seat storage • Steering wheel — black, leather-wrapped 	<ul style="list-style-type: none"> • Ambient lighting — Ice Blue • Audio <ul style="list-style-type: none"> ▪ B&O® Sound System by Bang & Olufsen® with HD Radio™ ▪ 8 speakers and subwoofer • Pedals — power-adjustable with memory • Seating — leather-trimmed <ul style="list-style-type: none"> ▪ 10-way power driver seat and multi-adjustable power front-passenger seat (power lumbar driver/passenger) ▪ Heated and ventilated front ▪ Memory driver seat ▪ Rear armrest with cupholders • Steering wheel — heated with additional controls • Universal garage door opener • Visors — driver and passenger, illuminated with covered mirrors • Window, rear — power-sliding • Wireless charging pad 	<ul style="list-style-type: none"> • Audio <ul style="list-style-type: none"> ▪ B&O® Sound System Unleashed by Bang & Olufsen® with HD Radio™ ▪ 8 speakers and subwoofer • Center console lid and shifter knob — leather-wrapped • Floor covering — color-coordinated carpet with premium floor mats • Partitioned, lockable fold-flat storage • Seating — Premium Nirvana leather seating surface with black tuxedo stripes <ul style="list-style-type: none"> ▪ 10-way power driver seat and multi-adjustable power front-passenger seat (power lumbar driver/passenger) ▪ Front multicontour with Active Motion ▪ Front heated and ventilated ▪ Memory driver's seat ▪ Rear heated seats • Scuff plates, door sill — bright inserts • Steering column — power tilt/telescoping with memory • Trim — chrome and satin accents • Trim, doors and media tray lid — genuine wood accents
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Key Standard Technology

<ul style="list-style-type: none"> ● Auto Hold ● Ford Co-Pilot360 2.0 <ul style="list-style-type: none"> ■ Auto High Beams ■ Lane-Keeping System with Lane-Keeping Alert, Lane-Keeping Aid and Driver Alert System ■ Pre-Collision Assist with Automatic Emergency Braking (AEB), Pedestrian Detection and Forward Collision Warning with Dynamic Brake Support ■ Rear View Camera with dynamic hitch assist ■ Post-Collision Braking ■ Rear Parking Sensors ■ Reverse Brake Assist ● FordPass Connect — 4G LTE Wi-Fi hotspot ● Hill start assist ● SYNC 4 with Enhanced Voice Recognition <ul style="list-style-type: none"> ■ 12" landscape-style center-stack touchscreen ■ 911 Assist ■ Apple CarPlay® and Android Auto™ compatibility ■ AppLink with App catalog ■ Cloud connected ■ Connected Built-In Navigation (3-year trial) ■ Digital Owner's Manual ■ Information on Demand panel ■ Wireless phone connection 	<ul style="list-style-type: none"> ● 360-Degree Camera ● Front Parking Sensors 	<ul style="list-style-type: none"> ● Ford Co-Pilot360 Assist 2.0 <ul style="list-style-type: none"> ■ Connected Built-In Navigation (3-year trial) ■ Evasive Steering Assist ■ Intersection Assist ■ Intelligent Adaptive Cruise Control with Stop-and-Go, Lane Centering and Speed Sign Recognition ● SYNC 4A with Enhanced Voice Recognition adds: <ul style="list-style-type: none"> ■ 15.5" portrait-style center-stack touchscreen ■ Adaptive dashcards ■ Personal profiles 	<ul style="list-style-type: none"> ● Ford Co-Pilot360 Active 2.0 <ul style="list-style-type: none"> ■ Active Park Assist 2.0 ■ Ford BlueCruise ■ Phone As A Key
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Key Standard Safety and Security Features

<ul style="list-style-type: none"> ● AdvanceTrac with RSC (Roll Stability Control) ● Airbags: <ul style="list-style-type: none"> ■ Dual-stage front ■ Front-seat side ■ Safety Canopy System ● Center high-mounted stop lamp (CHMSL) — LED 	<ul style="list-style-type: none"> ● Defroster — rear-window electric 	<ul style="list-style-type: none"> ● Advanced Security Pack 	
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<ul style="list-style-type: none"> • Curve Control • Daytime running lamps (on/off cluster-controllable) • Headlamps <ul style="list-style-type: none"> ▪ Auto High Beams (incl. in Ford Co-Pilot360) ▪ Autolamp (auto on/off) with wiper activation (incl. in Ford Co-Pilot360 2.0) ▪ LED projector with dynamic bending • Mirror — auto-dimming rearview • MyKey • Perimeter alarm • Personal Safety System • Pre-Collision Assist with Automatic Emergency Braking, Pedestrian Detection and Forward Collision Warning with Dynamic Brake Support (incl. in Ford Co-Pilot360 2.0) • Rear View Camera with dynamic hitch assist (incl. in Ford Co-Pilot360 2.0) • Safety belts — 3-point, all positions • SecuriLock Passive Anti-Theft System • SOS Post-Crash Alert System • Taillamps — LED • Tire Pressure Monitoring System (TPMS) • Trailer sway control 			
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Equipment Group Content

	Mid (312A) Adds:	Mid (511A) Adds:	
	<ul style="list-style-type: none"> • 20" Dark Carbonized Gray-painted aluminum wheels (incl. all-season tires) • Door and tailgate handles — body-color • Ford Co-Pilot360 Assist 2.0 <ul style="list-style-type: none"> ▪ Evasive Steering Assist ▪ Intersection Assist ▪ Intelligent Adaptive Cruise Control with 	<ul style="list-style-type: none"> • Battery — extended-range (131 kWh) • Ford Co-Pilot360 Active 2.0 <ul style="list-style-type: none"> ▪ Active Park Assist 2.0 ▪ Ford BlueCruise ▪ Phone As A Key • Partitioned, lockable fold-flat storage • Rain-sensing windshield wipers 	

	<ul style="list-style-type: none"> Stop-and-Go, Lane Centering and Speed Sign Recognition Intelligent Access with push-button start (incl. Approach Detection) LED box lighting with Zone Lighting Seating, front — 10-way power driver seat and multi-adjustable power passenger seat with power lumbar and heated driver/passenger Steering wheel — heated Tailgate — power open and close Pro Power Onboard — 9.6 kW Tailgate step (incl. Tailgate Work Surface) Rain-sensing windshield wipers 	<ul style="list-style-type: none"> Second-row heated seats Steering column — power tilt/telescoping with memory Tow Technology Package Twin-panel moonroof
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(1) Driver-assist features are supplemental and do not replace the driver's attention, judgment and need to control the vehicle. Ford BlueCruise is a hands-free highway driving feature. Only remove hands from the steering wheel when in a Hands-Free Blue Zone. Always watch the road and be prepared to resume control of the vehicle. It does not replace safe driving. See Owner's Manual for detail and limitations. Requires purchased 3-year connected service plan with regular map updates, FordPass App, and modem activation. Blue Cruise functionality expected first quarter 2022.

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2022 F-150 Lightning > Availability by Model

Performance and Capability

	Pro	XLT	LARIAT	Platinum
Battery, high-voltage				
Standard range — 98-kWh usable capacity (99L)	S	S	S	—
Extended range — 131-kWh usable capacity (99V)	O ⁽¹⁾	O	O	S
Brakes				
4-wheel disc with Anti-Lock Brake System (ABS) and Regenerative Braking System	S	S	S	S
Auto Hold	S	S	S	S
Parking brake — electric	S	S	S	S
Charging Equipment				
Ford Charge Station Pro (incl. with extended-range battery [99V] and delivered by 3rd party supplier; fleet only on Pro and XLT 311A)	O	O	O	S
Ford Charge Station Pro Delete (reqs. extended-range battery [99V];	O	O	—	—

fleet only on Pro and XLT 311A)				
Differential — electronic locking rear	S	S	S	S
Drivetrain/Powertrain				
4x4	S	S	S	S
Dual inboard three-phase fixed magnet AC motors with internal PMAC controller	S	S	S	S
Transaxles — front and rear	S	S	S	S
Onboard Scales with Smart Hitch (incl. in Tow Technology Package [17V])	O	O	O	S
Selectable Drive Modes <ul style="list-style-type: none"> • Normal • Sport • Tow/Haul • Off-Road 	S	S	S	S
Skid plates	—	—	—	S
Steering — electric power-assisted (EPAS)	S	S	S	S
Tires				
275/65R all-terrain (incl. spare)	S	S	—	—
275/60R20 all-season (four)	—	—	S	—
275/60R20 all-terrain (T2P; four)	—	—	O	—
275/50R22 all-season (four)	—	—	—	S
Trailer towing				
Class IV trailer tow hitch	S	S	S	S
Integrated trailer brake controller (incl. in Tow Technology Package [17V])	O	O	O	S
Pro Trailer Backup Assist (incl. in Tow Technology Package [17V])	O	O	O	S
Smart Trailer Tow Connector (incl. in Tow Technology Package [17V])	O	O	O	O
Trailer Reverse Guidance (incl. in Tow Technology Package [17V])	O	O	O	S
Transmission — single-speed automatic	S	S	S	S

(1) Fleet only.

S = Standard

O = Available as a stand-alone option, as part of a package or as part of an Equipment Group

— = NA

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2022 F-150 Lightning > Availability by Model

Exterior

	Pro	XLT	LARIAT	Platinum
Backup Alarm System (85H)	O ⁽¹⁾	O ⁽¹⁾	O ⁽¹⁾	O ⁽¹⁾
BoxLink with 4 premium locking cleats	—	S	S	S
Bumpers — front/rear				
Black	S	—	—	—
Body-color	—	S	S	S
Daytime running lamps — on/off cluster-controllable (for Fleet, the noncontrollable Daytime Running Lamps [942] replace controllable)	S/O ⁽¹⁾	S/O ⁽¹⁾	S/O ⁽¹⁾	S/O ⁽¹⁾
Front license plate bracket (153; std. in states where req'd. by law; opt. in all other states)	O	O	O	O
Front trunk				
Cargo net	—	—	S	S
Power up/down hood	S	S	S	S
Grille				
Carbon Black	S	—	—	—
Geometric Gray-ion Fine Satin Metallic with LED signature front lighting	—	S	—	—
High gloss Vador Black with tinted chrome and LED signature front lighting	—	—	—	S
Premium Geometric Gray-ion Fine Satin Metallic with LED signature front lighting	—	—	S	—
Handles — door and tailgate				
Black with black bezels	S	S	—	—
Body-color with body-color bezels (incl. in 312A)	—	O	S	S
LED box lighting (incl. in 312A)	—	O	S	S
Mirrors				
Black caps	S	S	—	—
Body-color caps	—	—	S	S
Manual-folding/power glass with heat, turn signal indicators and LED spotlights	S	S	—	—
Manual-folding/power glass with heat, turn signal indicators, LED security approach lamps and LED side-mirror spotlights (reqs. Tow Technology Package [17V])	O	O	—	—
Power-folding/power glass with heat, turn signal indicators, memory, auto-dimming driver-side feature and LED security approach lamps and LED side-mirror spotlights	—	—	S	S
Running boards				
Carbon Black extended. fixed with enhanced lighting	—	S	S	S
Power-deployable with black accent (reqs. 511A on LARIAT; late availability)	—	—	O	O
SecuriCode keyless entry keypad, driver-side	—	S	S	S

Tailgate				
Tailgate lift assist	S	S	S	S
Tailgate lock — power	—	S	S	S
Tailgate — power open and close (incl. LED rear signature lighting, except on XLT)	—	O	S	S
Tailgate step (63T; incl. Tailgate Work Surface; incl. in 312A)	O	O	S	S
Windshield wipers				
Intermittent	S	S	S	—
Rain-sensing (incl. in 312A and 511A)	—	O	O	S
Zone lighting — LED (incl. in 312A)	—	O	S	S

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2022 F-150 Lightning > Availability by Model

Interior

	Pro	XLT	LARIAT	Platinum
120-volt AC power outlet, in-cab (two)	S	S	S	S
Accessory delay	—	S	S	S
Ambient lighting — Ice Blue	—	—	S	S
Audio/Entertainment				
AM/FM stereo/audio input jack with 6 speakers	S	S	—	—
B&O® Sound System by Bang & Olufsen® with 8 speakers, subwoofer and HD Radio™	—	—	S	—
B&O Unleashed Sound System by Bang & Olufsen with 18 speakers, subwoofer and HD Radio	—	—	—	S
SiriusXM® with 360L	—	S	S	S
Climate control — dual-zone electronic automatic temperature control	S	S	S	S
Cupholders				
2+2 (flow-through center console)	S	S	S	S
With rear armrest	—	—	S	S
Door locks — power with flip key and integrated keyhead transmitter	S	S	S	S
Floor covering				

Black vinyl	S	—	—	—
Color-coordinated carpet with premium floor mats	—	—	—	S
Color-coordinated carpet with front and rear floor mats	—	S	S	—
Floor liner — tray style (47R)	—	O	O	O
Floor liner — tray style, less matching floor mats (47W)	—	O	O	—

Instrumentation

12" digital productivity screen in instrument cluster	S	S	S	S
12" landscape-style color LCD touchscreen in center stack	S	S	—	—
15.5" portrait-style color LCD touchscreen in center stack	—	—	S	S
Intelligent Access with push-button start (incl. approach detection; incl. in 312A)	—	O	S	S
Interior Work Surface	—	S	S	S
Mirror — auto-dimming rearview	S	S	S	S
Moonroof — power twin panel (incl. in 511A)	—	—	O	S
Partitioned, lockable fold-flat rear storage (incl. in 511A)	—	—	O	S

Pedals

Power-adjustable	—	S	—	—
Power-adjustable with memory	—	—	S	S

Seating — front bucket

10-way power driver and multi-adjustable power passenger with power lumbar (incl. in 312A)	—	O	S	S
Cloth with Gauge bolster, 8-way power driver with power lumbar/manual passenger lumbar	—	S	—	—
Flow-through center console with stowable floor shifter	S	S	S	S
Heated (incl. in 312A)	—	O	—	—
Heated/ventilated	—	—	S	S
Leather-trimmed, heated/ventilated, 10-way power driver with memory, multi-adjustable power passenger	—	—	S	—
Max Recline Seats — driver and front passenger (91S)	—	—	—	O
Premium Nirvana leather seating surfaces with black tuxedo stripe, multicontour with Active Motion, heated/ventilated, 10-way power driver with memory and multi-adjustable power passenger	—	—	—	S
Vinyl 2-way manual driver/passenger	S	—	—	—

Seating — rear

60/40 split fold-up with elongated cushion	S	S	S	S
Armrest with cupholders	—	—	S	S
Heated (incl. in 511A)	—	—	O	S
Shift knob — leather-wrapped	—	—	—	S

Steering column

Manual tilt/telescoping and manual-locking	S	S	S	—
Power tilt/telescoping with memory (incl. in 511A)	—	—	O	S
Steering wheel				
Heated (incl. in 312A)	—	O	S	S
Leather-wrapped	—	S	S	S
Storage				
Rear under-seat storage	—	S	S	S
Universal garage door opener	—	—	S	S
Visors				
Driver/front-passenger with covered mirrors	S	S	—	—
Driver/front-passenger with covered mirror; illuminated	—	—	S	S
Windows				
Power (front/rear)	S	S	S	S
Rear, fixed with privacy glass	S	S	—	—
Rear, power-sliding with privacy glass	—	—	S	S
Wireless charging pad	—	—	S	S

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2022 F-150 Lightning > Availability by Model

Technology

	Pro	XLT	LARIAT	Platinum
360-Degree Camera (incl. and only available in Tow Technology Package [17V] for Pro)	O	S	S	S
Active Park Assist 2.0 (incl. in Ford Co-Pilot360 Active 2.0 [43C] and 511A)	—	—	O	S
Auto Hold	S	S	S	S
BLIS (Blind Spot Information System) with Cross-Traffic Alert	S	S	S	S
Evasive Steering Assist (incl. in Ford Co-Pilot360 Assist 2.0 [43B] and 312A)	—	O	S	S
Ford BlueCruise ⁽¹⁾ (incl. in Ford Co-Pilot360 Active 2.0 and 511A)	—	—	O	S
Ford Co-Pilot360 2.0 <ul style="list-style-type: none"> • BLIS (Blind Spot Information System) with Cross-Traffic Alert 	S	S	S	S

<ul style="list-style-type: none"> Reverse Brake Assist Reverse Sensing System Post-Collision Braking 				
Ford Co-Pilot360 Assist 2.0 (incl. in 312A) <ul style="list-style-type: none"> Evasive Steering Assist Intelligent Adaptive Cruise Control with Stop-and-Go, Lane Centering and Speed Sign Recognition Intersection Assist 	—	O	S	S
Ford Co-Pilot360 Active 2.0 (incl. in 511A) <ul style="list-style-type: none"> Active Park Assist 2.0 Ford BlueCruise hands-free driving feature⁽¹⁾ Phone As A Key 	—	—	O	S
FordPass Connect 4G LTE modem with Wi-Fi capability	S	S	S	S
Front Parking Sensors	—	S	S	S
Intelligent Adaptive Cruise Control with Stop-and-Go, Lane Centering and Speed Sign Recognition (incl. in Ford Co-Pilot360 Assist 2.0 and 312A)	—	O	S	S
Intersection Assist (incl. in Ford Co-Pilot360 Assist 2.0 and 312A)	—	O	S	S
Lane-Keeping System (with Lane-Keeping Aid, Lane-Keeping Alert and Driver Alert System) (incl. in Ford Co-Pilot360 2.0)	S	S	S	S
Navigation System — Connected Built-In with 3-year trial ⁽²⁾	S	S	S	S
Post-Collision Braking (incl. in Ford Co-Pilot360 2.0)	S	S	S	S
Pre-Collision Assist with Automatic Emergency Braking (AEB), Pedestrian Detection and Forward Collision Warning with Dynamic Brake Support (incl. in Ford Co-Pilot360 2.0)	S	S	S	S
Rear Parking Sensors (incl. in Ford Co-Pilot360 2.0)	S	S	S	S
Rear View Camera with dynamic hitch assist (incl. in Ford Co-Pilot360 2.0)	S	S	S	S
Reverse Brake Assist (incl. in Ford Co-Pilot360 2.0)	S	S	S	S
SYNC 4 with Enhanced Voice Recognition with 12" landscape-style center-stack touchscreen, Apple CarPlay, [®] Android Auto [™] compatibility, Digital Owner's Manual and SiriusXM with 360L NOTE: Pro does not include SiriusXM 360L.	S	S	—	—
SYNC 4A with Enhanced Voice Recognition and 15.5" portrait-style center-stack touchscreen, Apple CarPlay, Android Auto, Digital Owner's Manual and SiriusXM [®] with 360L	—	—	S	S
Tow Technology Package (17V; incl. in 511A)	O	O	O	S

(1) Driver-assist features are supplemental and do not replace the driver's attention, judgment and need to control the vehicle. Ford BlueCruise is a hands-free highway driving feature. Only remove hands from the steering wheel when in a Hands-Free Blue Zone. Always watch the road and be prepared to resume control of the vehicle. It does not replace safe driving. See Owner's Manual for detail and limitations. Requires purchased 3-year connected service plan with regular map updates, FordPass App, and modem activation. Blue Cruise functionality expected first quarter 2022.

(2) Navigation services require SYNC 4/SYNC 4A and FordPass Connect, complimentary Connected Service and the FordPass App (see details). Eligible vehicles receive a complimentary 3-year trial of Connected Built-In Navigation services that begins on the new vehicle warranty start date. Customers must unlock the navigation service trial by activating the eligible vehicle with a FordPass member account. If not subscribed by the end of the complimentary period, the navigation service will terminate and the system will revert to embedded offline navigation after termination. Connected Service and features depend on compatible AT&T network availability. Evolving technology/cellular networks/vehicle capability may limit functionality and prevent operation of connected features. FordPass App, compatible with select smartphone platforms, is available via a download. Message and data rates may apply.

S = Standard

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— = NA

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2022 F-150 Lightning > Availability by Model

Safety and Security

	Pro	XLT	LARIAT	Platinum
Advanced Security Pack (incl. SecuriLock Passive Anti-Theft System and inclination/intrusion sensors)	—	—	S	S
AdvanceTrac with RSC (Roll Stability Control)	S	S	S	S
Center high-mounted stop lamp (CHMSL) — LED	S	S	S	S
Curve Control	S	S	S	S
Defroster — rear window	—	S	S	S
Headlamps				
Auto High Beams (incl. in Ford Co-Pilot360 2.0)	S	S	S	S
Autolamp (automatic on/off) with wiper activation (incl. in Ford Co-Pilot360 2.0)	S	S	S	S
LED projector with dynamic bending	S	S	S	S
Illuminated entry	—	S	S	S
Individual Tire Pressure Monitoring System (TPMS)	S	S	S	S
Mirror — auto-dimming rearview	S	S	S	S
MyKey	S	S	S	S
Perimeter alarm	S	S	S	S
Pre-Collision Assist with Automatic Emergency Braking (AEB), Pedestrian Detection and Forward Collision Warning with Dynamic Brake Support (incl. in Ford Co-Pilot360 2.0)	S	S	S	S
Rear View Camera (incl. in Ford Co-Pilot360 2.0)	S	S	S	S
Safety belts — 3-point, all positions	S	S	S	S
SecuriLock Passive Anti-Theft System	—	—	S	S
SOS Post-Crash Alert System	S	S	S	S
Taillamps — LED	S	S	S	S
Trailer sway control	S	S	S	S

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2022 F-150 Lightning > Availability by Model

Equipment Groups

	Pro	XLT	LARIAT	Platinum
Equipment Group 110A All standard equipment	S	—	—	—
Equipment Group 311A All standard equipment	—	S	—	—
Equipment Group 312A , all 311A equipment, plus: <ul style="list-style-type: none"> • 20" Dark Carbonized Gray-painted aluminum wheels (incl. all-season tires) • Door and tailgate handles — body-color • Ford Co-Pilot360 Assist 2.0 <ul style="list-style-type: none"> ▪ Evasive Steering Assist ▪ Intersection Assist ▪ Intelligent Adaptive Cruise Control with Stop-and-Go, Lane Centering and Speed Sign Recognition • Intelligent Access with push-button start (incl. Approach Detection and SecuriCode keyless entry keypad, driver side) • LED box lighting • Seating, front — 10-way power driver seat and multi-adjustable power passenger seat with power lumbar and heated driver/passenger • Steering wheel — heated • Tailgate — power open and close • Power Onboard — 9.6 kW • Tailgate step (incl. Tailgate Work Surface) • Rain-sensing windshield wipers 	—	O	—	—
Equipment Group 510A All standard equipment	—	—	S	—
Equipment Group 511A , all 311A equipment, plus: <ul style="list-style-type: none"> • Ford Co-Pilot360 Active 2.0 <ul style="list-style-type: none"> ▪ Active Park Assist 2.0 ▪ Ford BlueCruise⁽¹⁾ ▪ Phone As A Key⁽²⁾ • Partitioned lockable fold-flat storage • Rain-sensing windshield wipers • Second-row heated seats • Steering column — power tilt/telescoping with memory • Tow Technology Package 	—	—	O	—

• Twin-panel moonroof				
Equipment Group 710A All standard equipment	—	—	—	S

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(2) Requires feature activation. Not compatible with all mobile phones.

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2022 F-150 Lightning > Availability by Model

Dealer Installed Options (DIO)

	Pro	XLT	LARIAT	Platinum
Bed cargo net — horizontal (NA with bed divider)	O	O	O	O
Bed cargo net — vertical	O	O	O	O
Bed divider (NA with bed mat and Pivot Storage Box)	O	O	O	O
Bed mat — removable (NA with bed divider and bed tray)	O	O	O	O
Bed tailgate lock by McGard™	O	O	O	O
Bed tray (NA with bed mat)	O	O	O	O
First aid kit with Ford logo	O	O	O	O
Individual trailer TPMS/customer-placed trailer camera (reqs. Tow Technology Package [17V])	O	O	O	O
In-vehicle safe by Console Vault®	O	O	O	O
Pivot storage box, by UnderCover® — right side (NA with bed divider)	O	O	O	O
Wheel Lock Kit, exposed	O	O	O	O
Wheel Lock Kit, hidden lugs	O	O	—	—

O = Available as a stand-alone option

— = NA

NOTE: The above information is an excerpt to be used with the 10/26/21 F-150 Lightning Dealer Ordering Guide. For the latest Dealer Ordering Guide, go to fmcdealer.com.

2022 F-150 Lightning > Availability by Model

Ford Accessories

	Pro	XLT	LARIAT	Platinum
Aluminum crossbed storage toolbox by Weather Guard® (90B; NA with stowable loading ramps [90R] or tonneau pickup box cover — hard, soft or retractable [96X/96T/96J], bedliner plastic drop-in [96P])	O	—	—	—
Bedliner — plastic drop-in (96P)	O	O	O	O
Bedliner — Tough Bed spray-in (96W)	O	O	O	O
Premium aluminum crossbed storage toolbox by Weather Guard (90P; model #127-0-02; NA with tonneau pickup box cover — hard, soft or retractable folding [96X/96T/96J], bedliner plastic drop-in [96P])	O	—	—	—
Stowable loading ramps (90R; NA with bed divider [90D], tailgate step [63T], tonneau pickup box cover — hard, soft or retractable [96X/96T/96J] or aluminum crossbed toolbox by Weather Guard [90B/90P])	—	O	—	—
Tonneau pickup box cover — hard folding (96X; NA with aluminum crossbed storage toolbox [90B, 90P] by Weather Guard, bedliner — plastic drop-in [96P] or stowable loading ramps [90R])	O	O	O	O
Tonneau pickup box cover — retractable (96J; NA with aluminum crossbed storage toolbox [90B, 90P] by Weather Guard, bedliner — plastic drop-in [96P] or stowable loading ramps [90R])	O	O	O	O
Tonneau pickup box cover — soft folding (96T; NA with aluminum crossbed storage toolbox [90B, 90P] by Weather Guard, bedliner — plastic drop-in [96P] or stowable loading ramps [90R])	O	O	O	O

O = Available as a stand-alone option

— = NA

NOTE: The above information is an excerpt to be used with the 10/26/21 F-150 Lightning Dealer Ordering Guide. For the latest Dealer Ordering Guide, go to fmcdealer.com.

2022 F-150 Lightning > Availability by Model

Color and Trim Availability

INTERIOR TRIM DESCRIPTION

Available Exterior Colors	Interior Trim Description	Interior Environment Colors		
		Black/ Medium Dark Slate	Black	Space Gray
Pro				
<ul style="list-style-type: none"> Agate Black Metallic [UM] Atlas Blue Metallic [B3] Carbonized Gray Metallic [M7] Iced Blue Silver Metallic [GP] Oxford White [YZ] Rapid Red Metallic Tinted Clearcoat⁽¹⁾ [D4] 	Vinyl bucket front seats, 2-way manual driver/passenger with flow-through console and floor shifter	VS		

XLT

<ul style="list-style-type: none"> • Agate Black Metallic [UM] • Atlas Blue Metallic [B3] • Carbonized Gray Metallic [M7] • Iced Blue Silver Metallic [GB] • Oxford White [YZ] • Rapid Red Metallic Tinted Clearcoat⁽¹⁾ [D4] 	Cloth front seats with Gauge bolster, 8-way power driver with power lumbar/manual passenger lumbar	US		
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LARIAT

<ul style="list-style-type: none"> • Agate Black Metallic [UM] • Atlas Blue Metallic (B3) • Carbonized Gray Metallic [M7] • Iced Blue Silver Metallic [GP] • Rapid Red Metallic Tinted Clearcoat⁽¹⁾ [D4] • Star White Metallic Tri-coat⁽¹⁾ [AZ] 	Leather-trimmed front bucket seats with 4-way adjustable driver/front-passenger head restraints, heated/ventilated; driver 10-way power with memory; front-passenger multi-adjustable power; flow-through console with floor shifter		HB	
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Platinum

<ul style="list-style-type: none"> • Agate Black Metallic [UM] • Atlas Blue Metallic (B3) • Carbonized Gray Metallic [M7] • Iced Blue Silver Metallic [GP] • Rapid Red Metallic Tinted Clearcoat⁽¹⁾ [D4] • Star White Metallic Tri-coat⁽¹⁾ [AZ] 	Leather-trimmed multicontour front seats with Active Motion and 4-way adjustable driver/front-passenger head restraints, heated/ventilated; driver 10-way power with memory and power lumbar; front-passenger multi-adjustable power with power lumbar; flow-through console with floor shifter			9B
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COLOR AND TRIM AVAILABILITY

Model/Package		Pro	XLT	LARIAT	Platinum
Interior Color		Medium Dark Slate Vinyl	Medium Dark Slate Cloth	Black	Space Gray
Agate Black Metallic	UM	■	■	■	■
Atlas Blue	B3	■	■	■	■
Carbonized Gray Metallic	M7	■	■	■	■
Iced Blue Silver Metallic	GP	■	■	■	■
Oxford White	YZ	■	■		
Rapid Red Metallic Tinted Clearcoat ⁽¹⁾	D4	■	■	■	■
Star White Metallic Tri-coat ⁽¹⁾	AZ			■	■

(1) Extra-cost option.

2022 F-150 Lightning > Availability by Model

Wheels

Wheel	Order Code	Pro	XLT	LARIAT	Platinum
18" machined aluminum with high gloss black-painted pockets 	643	S	S	—	—
20" Dark Carbonized Gray-painted aluminum 	645	—	O	S	—
22" bright-machined aluminum with Ebony Black-painted pockets 	647	—	—	—	S

S = Standard

O = Available

— = Not available

2022 F-150 Lightning > Availability by Model

Configuration

Drive	Cab Style	WB (in.)	Box Size (ft.)	Pro	XLT	LARIAT	Platinum
4x4	SuperCrew	145.5	5.5	S	S	S	S

S = Standard



SuperCrew SWB
145.5" WB 4x4 (5.5' box)

2022 F-150 Lightning

Specs

Key product specifications include vehicle dimensions and capacities, detailed powertrain information, transmission gear ratios and more.



2022 F-150 Lightning > Specs

Dimensions/Weights/Capacities

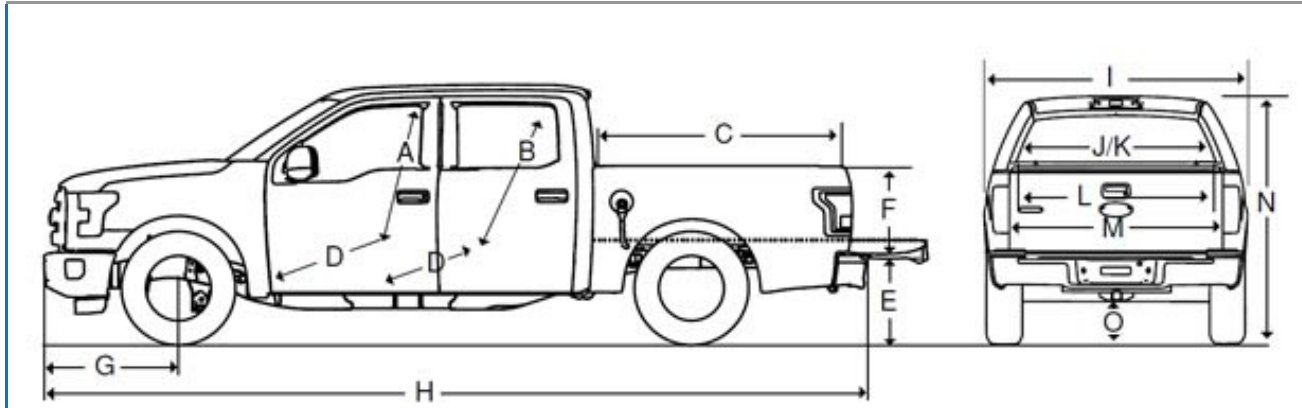
Accessory Reserve Capacity (ARC) Calculation

Base Curb Weight

- Gross Axle Weight**
- Gross Axle Weight Rating (GAWR)**
- Gross Combination Weight (GCW)**
- Gross Combination Weight Rating (GCWR)**
- Gross Vehicle Weight (GVW)**
- Gross Vehicle Weight Rating (GVWR)**
- Interior and Front Trunk Volume**
- Maximum Payload Weight Rating**
- Maximum Payload Weight Ratings**
- Option Weights**
- Passenger Weight**
- Payload**
- Pickup Box Dimensions**
- SuperCrew Dimensions**
- Tongue Weight**
- Trailer Weight**
- Truck "Nominal Tonnage"**
- Vehicle Class Ratings by GVWR**
- Weight Distribution**
- Weight Ratings**

2022 F-150 Lightning > Specs > Dimensions/Weights/Capacities

SuperCrew Dimensions



Drive		4x4
Cargo Box (ft.)		5.5
Wheelbase (in.)		145.5
Code	Description (in.)	
A	Head Room (Front)	40.8
B	Head Room (Rear)	40.4
C	Inside Length ⁽¹⁾ (at floor)	67.1
D	Leg Room (Front; max.)	43.9

	Leg Room (Rear)	
E	Open Tailgate to Ground (Empty) ⁽²⁾	36.7
F	Inside Height ⁽¹⁾	21.4
G	Front Overhang	37.8
	Rear Overhang	49.4
H	Overall Length	232.7
	Front Bumper to Back of Cab	155.9
I	Width (Max.; excluding mirrors)	80.0
J	Shoulder Room (Front)	66.7
	Shoulder Room (Rear)	66.0
K	Hip Room (Front)	62.5
	Hip Room (Rear)	62.6
L	Width Between Wheelhouses ⁽¹⁾	50.6
M	Max. Load Width ⁽¹⁾ (at floor)	60.3
N	Cab Height (Empty) ⁽²⁾	78.3
O	Ground Clearance	8.4
	Track Width — Front	68.1
	Track Width — Rear	68.3
	Front Trunk Lifter Height	34.5

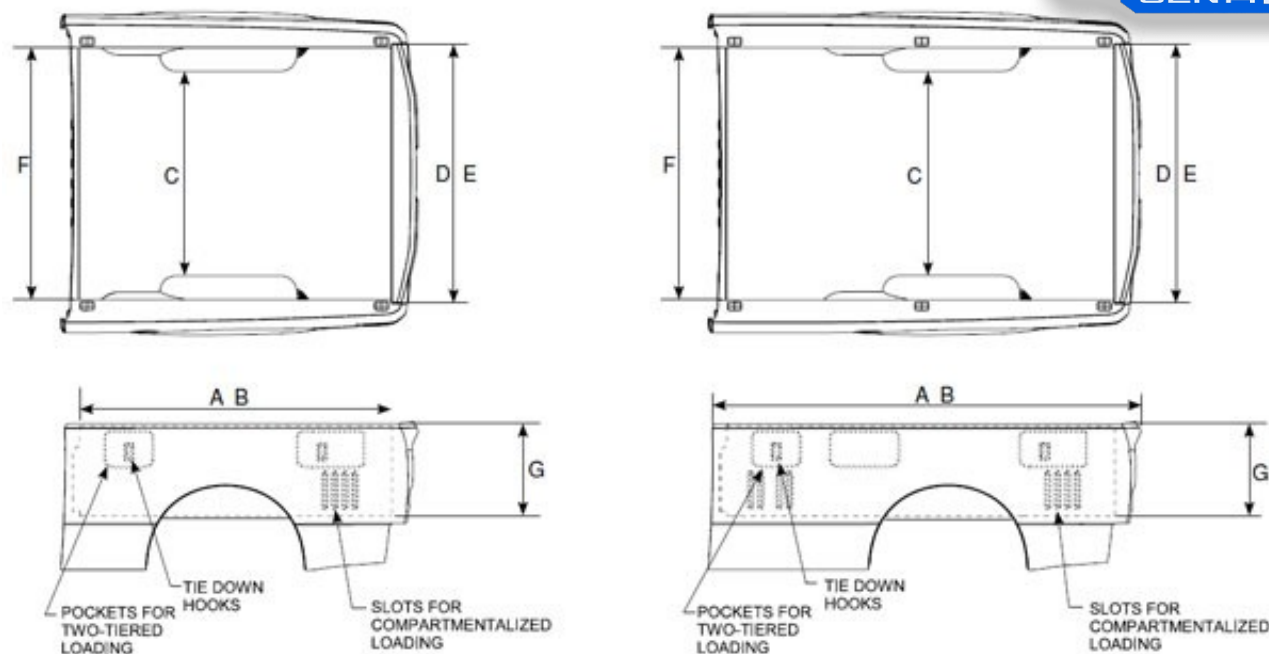
(1) Pickup box. Also refer to Pickup Box Dimensions.

(2) The height data shown represents dimensions of a nominal vehicle with no options. Actual height may vary due to production tolerances.

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

2022 F-150 Lightning > Specs > Dimensions/Weights/Capacities

Pickup Box Dimensions



Box Size (ft.)		5.5
Cargo Volume (cu. ft.)		52.8
Code	Description (in.)	
A	Cargo Box Inside Length @ Floor	67.1
B	Cargo Box Length @ Top	65.4
C	Cargo Width @ Wheelhouse	50.6
D	Rear Opening Width @ Floor	60.3
E	Rear Opening Width @ Top	60.3
F	Cargo Body Maximum Inside Width	65.2
G	Cargo Body Height with Molding	21.4

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

2022 F-150 Lightning > Specs > Dimensions/Weights/Capacities

Interior and Front Trunk Volume

Cab Position	Volume (cu. ft.)
	5.5-ft. box
Front Passenger	64.7
Rear Passenger	67.2

Total Passenger	13
Cargo Volume Behind First Row, Rear-seat Cushion Folded Up	50.9
Front Trunk	14.1

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

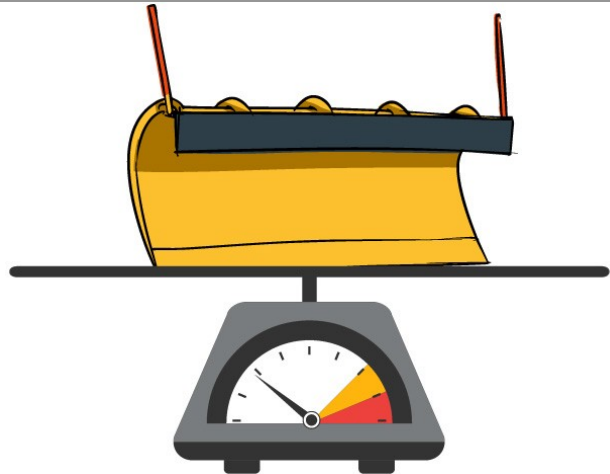
[2022 F-150 Lightning](#) > [Specs](#) > [Dimensions/Weights/Capacities](#) > General Truck Payload Information

Accessory Reserve Capacity (ARC) Calculation

This section provides the information needed to calculate the effect that vehicle options have on the payload capacity of Ford commercial vehicles.

This information is useful to customers who plan to add aftermarket accessories or haul cargo at or near the vehicle's maximum capacity.

This section includes charts for each series, listing the maximum allowable weights for each GVWR.



ACCESSORY RESERVE CAPACITY

You can help prospective buyers estimate the total weight of accessories, equipment and modifications that may be added to the completed vehicle.

Ford vehicles are certified for compliance with the following FMVSS (Federal Motor Vehicle Safety Standards) or CMVSS (Canadian Motor Vehicle Safety Standards):⁽¹⁾

- 204 — Steering Column Rearward Displacement
- 208 — Occupant Crash Protection
- 212 — Windshield Mounting
- 219 — Windshield Zone Intrusion
- 301 — Fuel System Integrity
- 303 — CNG Fuel System Integrity (Canadian Standard 301.2)

The total added accessory weight must not exceed the allowable weight shown in the tables. You should make retail customers who intend to modify or install accessories or equipment aware of this fact.

If the modification or installation of accessories or equipment causes the unloaded weight of the vehicle, as revised with the added equipment, to exceed the test vehicle weight, the U.S. vehicle alterer⁽²⁾ may be responsible to certify the altered vehicle according to Title 49, Code of Federal Regulations 567.7 and 568.8. A Canadian vehicle alterer may be responsible to certify the altered vehicle according to Section 6 of the Canadian Motor Vehicle Safety Regulations.

In this section, each vehicle has a worksheet that addresses Total Accessory Reserve Capacity only. It does not consider Front Axle Accessory Reserve Capacity and does not include DSO option weights in the calculations.

To approximate the amount of accessory equipment or modification weight that can be added to a Ford light truck without exceeding the test vehicle weight, calculate an estimated Total Accessory Reserve Capacity as follows:

1. Determine the "Total Actual Regular Production Option Content Weight" of the desired regular production options from the corresponding Accessory Reserve Capacity Calculation/Worksheet on the following page.
2. Subtract the "Total Actual Regular Production Option Content Weight" from the "Maximum Allowable Weight (Regular Production Options & Aftermarket Equipment)" for the appropriate model. The difference is the estimated "Total Accessory Reserve Capacity."

	Maximum Allowable Weight (Regular Production Options & Aftermarket Equipment)
-	Total Actual Regular Production Option Content Weight
=	Total Accessory Reserve Capacity

Warning: The Accessory Reserve Capacity weight information addresses FMVSS and CMVSS Nos. 204, 208, 212, 219, 301 and 303 compliance only. For all light-duty trucks with a GVW rating under 8,500 lbs., federally certified trucks with a GVW rating of 8,500 to 10,000 lbs. that are optionally emissions certified to light-duty standards and all California complete vehicles with a GVW rating of 14,000 lbs. or less, if more than 500 lbs. is added to the vehicle's "maximum vehicle weight,"⁽³⁾ the modifier may be responsible for recertification to the applicable EPA or CARB emissions standards.

(1) Ford Motor Company's certification of compliance with FMVSS/CMVSS is based on specific vehicle test weights. These standards are applicable to completed vehicles of 10,000-lb. GVWR or less. Maximum allowable weights shown in the tables for vehicles above 10,000-lb. GVWR are maximum recommended values for optimum performance, durability and customer satisfaction.

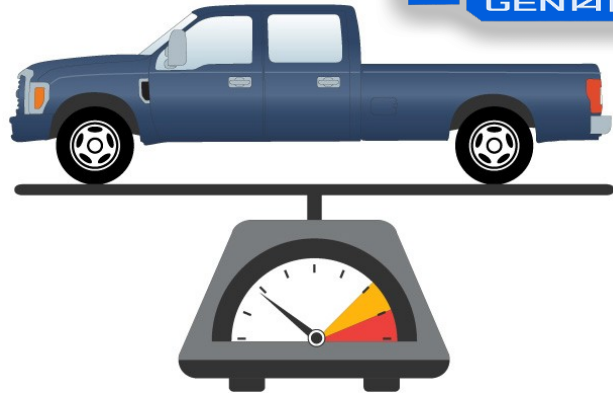
(2) The same procedure to estimate the "Total Accessory Reserve Capacity" is recommended to completed vehicle alterers in Canada.

(3) **Important:** "Maximum vehicle weight" is calculated in accordance with the definition provided in an EPA guidance letter dated July 13, 1979, from C.N. Freed of the EPA to M.H. McBride, legal counsel of the Recreation Vehicle Industry Association. The preceding conditions are based on that letter and on EPA Advisory Circular No. 64 — a March 7, 1977, publication that provides guidance on the need for separate certification of vehicles modified after original manufacture, but prior to sale and delivery to the ultimate purchaser. Additional guidance or questions concerning EPA's policies with respect to alterers of completed vehicles should be directed to legal counsel or the Environmental Protection Agency.

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Base Curb Weight

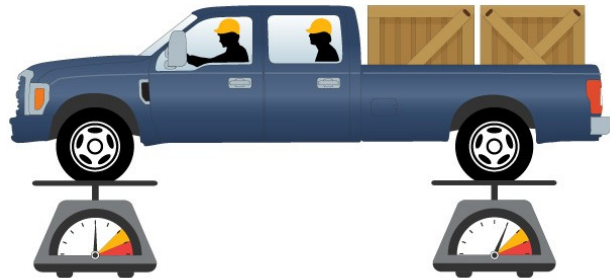
- The weight of the vehicle including standard equipment, oil, lubricants and a full tank of fuel. It does not include the weight of driver, passengers, cargo or any optional or aftermarket equipment
- **Base curb weights for each engine/standard equipment transmission combination are listed in the Weight Ratings pages of each vehicle section (see Maximum Payload Weight Ratings for reference)**
- Actual Regular Production Option Content Weights can be found in the charts under Actual Regular Production Option Content Weights



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Gross Axle Weight

The total weight placed on each axle of the vehicle (front and rear).



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Gross Axle Weight Rating (GAWR)

The maximum allowable weight to be placed on an individual axle (front or rear). Gross Axle Weight Ratings are provided for both front and rear axles.

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Gross Combination Weight (GCW)

Gross vehicle weight plus the trailer weight.



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Gross Combination Weight Rating (GCWR)

The maximum allowable weight of the towing vehicle, the trailer and all associated passengers, cargo and equipment.

The point to remember is that the actual weights should never exceed the listed weight ratings. And remind your customers that if they do exceed the recommended weight ratings, they could disqualify their warranty coverage.



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Gross Vehicle Weight (GVW)

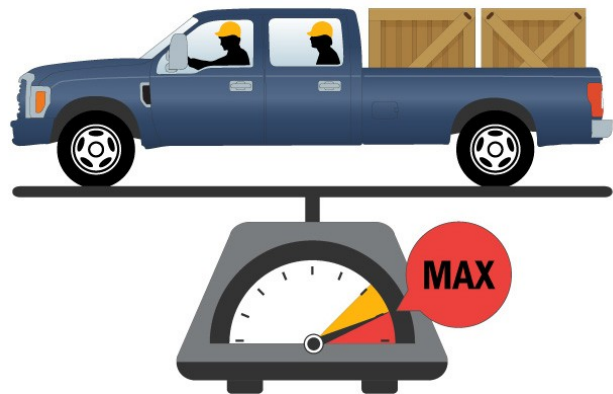
The weight of the vehicle including driver, passengers, optional and aftermarket equipment, and all cargo.



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Gross Vehicle Weight Rating (GVWR)

The maximum allowable weight of the fully loaded vehicle (including passengers and cargo).



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Maximum Payload Weight Rating

This is the advertised payload rating. It is the maximum allowable payload for the truck, including driver, passengers, optional and aftermarket equipment, and cargo. The weight of the engine and its standard transmission is already factored into the Maximum Payload Weight Rating. If the engine is also available with an optional transmission, that engine/transmission weight can be found in the Actual Regular Production Option Content Weight charts. Max payload varies and is based on accessories and vehicle configuration. See label on door jamb for carrying capacity of a specific vehicle.

Vehicle Payload Calculation	Front/Total (lbs.)
Maximum Payload Weight Rating ⁽¹⁾	___ / ___
Less Total Actual Regular Production Option Content Weight (from Line A, Payload/GVWR Worksheet)	___ / ___
Equals Net Total Vehicle Payload (Front and rear axles and spring capacities will be sufficient to carry this payload uniformly distributed in vehicle cargo area)	___ / ___

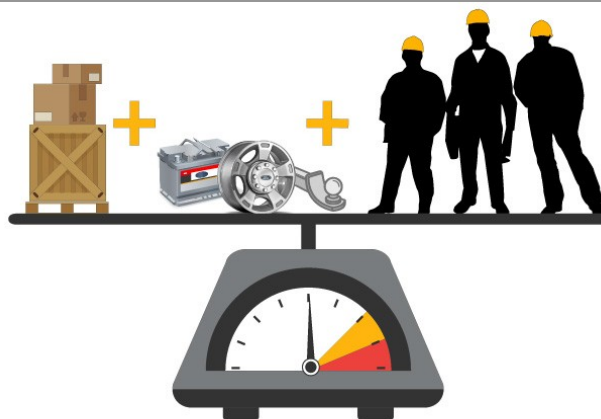
(1) Weight for driver and passengers must be deducted. Refer to the individual vehicle weight rating pages for maximum payload weight ratings. Refer to Regular Production Option Content Weight.

NOTE: Front springs are computer selected to meet specific option requirements for each vehicle; HD front springs are standard if vehicle option weights require.

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Maximum Payload Weight Ratings

The Payload Weight Ratings and the Maximum Option Weight/Maximum Total Accessory Reserve Capacity (ARC) Weight Charts ⁽¹⁾ are published and can be found in the weight ratings pages of the individual vehicle sections. This information is grouped together with other model, engine/transmission and maximum gross vehicle weight rating (GVWR) data for ease of use.

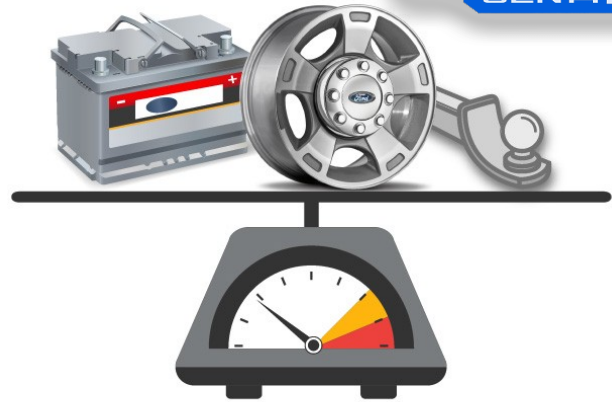


(1) OPT/ARC Weight is the maximum allowable weight for regular production options (OPT) and aftermarket equipment. Accessory Reserve Capacity (ARC) for models with standard equipment and the engine/transmission combination indicated.

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Option Weights

The weight of any added equipment that is not included in the base curb weight.



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Passenger Weight

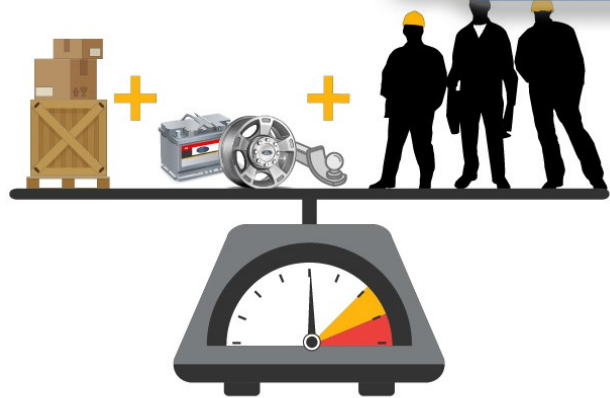
Defined as 150 lbs. multiplied by the number of safety-belted seating positions, including the driver, that the vehicle can carry.



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Payload

- Maximum payload is defined as the weight of all passengers, optional and aftermarket equipment, and cargo
- Net payload is defined as the weight that can be placed in the truck after subtracting for driver, passengers, and optional and aftermarket equipment



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Tongue Weight

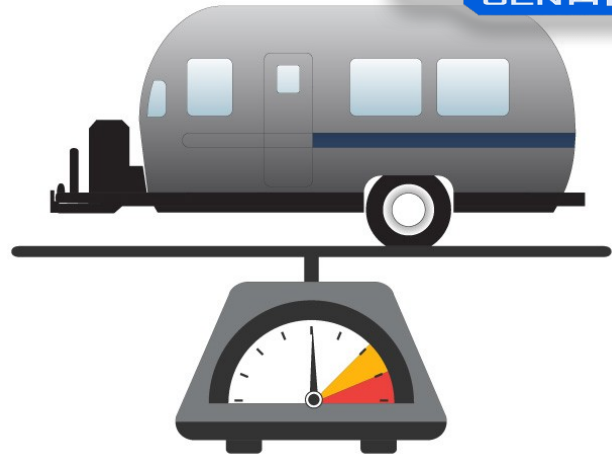
The amount of the trailer's weight that bears down on the trailer hitch (10 to 15 percent of the total loaded conventional trailer weight or 15 to 25 percent of the total loaded 5th-wheel trailer weight).



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Trailer Weight

The weight of a fully loaded trailer, including all attachments, lights, etc.



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Truck “Nominal Tonnage”

“Nominal Tonnage” is a term that Ford and other manufacturers have historically used to **generally categorize** the load capacity of a vehicle series; it is not a term defined by federal or state law.

Our COV (Certificate of Origin for a Vehicle) includes each particular vehicle’s shipping weight as well as the vehicle’s gross vehicle weight rating or GVWR (from which one can determine the particular vehicle’s rated carrying capacity, including driver, passengers, fluids, body upfit [if applicable] and aftermarket accessories). The COV also includes the vehicle’s “Nominal Tonnage.”

“Nominal Tonnage” provides the **general** usable cargo capability that most (but not all) of the vehicles with the designated nominal tonnage can expect to handle. That is, nominal tonnage states the general load capacity for each vehicle series, although particular vehicles may have a higher (or in some circumstances, lower) load capacity based on the specifications of the particular vehicle.

Relevant Vehicle Series/Nominal Tonnage Relationship Categories	
Nominal Tonnage	Vehicle
½	Ranger, F-150, Transit Connect, Transit Passenger Van
¾	E-350 Cutaway/Stripped Chassis, Transit-150 Cargo Van/Crew Van/Passenger Van, Transit-250 Cargo Van/Crew Van, Transit-350 Cargo Van/Crew Van/Passenger Van (GVWR 9,499 lbs.), Transit-250 Cutaway/Chassis Cab, F-250 Pickup
1	E-450 Cutaway/Stripped Chassis, Transit-350 Cargo Van/Crew Van/Passenger Van (GVWR 9,500 lbs.), Transit-350 Cutaway/Chassis Cab, F-350 Pickup, F-350 Chassis Cab
1½	F-450 Pickup, F-450 Chassis Cab
2	F-550 Chassis Cab

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Vehicle Class Ratings by GVWR

Weight Class	GVWR Range (lbs.)	Vehicle/Model
1	Up to 6,000	Transit Connect Cargo Van (5,110–5,302 lbs.) Transit Connect Passenger Wagon (5,302–5,420 lbs.)
2	6,001 to 10,000	Ranger (6,050 lbs.) Transit-150 Cargo Van/Passenger Van (8,670/8,550 lbs.) Transit-250 Cargo Van/Crew Van (9,070 lbs.) Transit-350 Cargo Van/Crew Van (9,250–9,950 lbs.) Transit-350 Passenger Van (9,250–9,400 lbs.) Transit-250 Cutaway/Chassis Cabs (9,070 lbs.) Transit-350 Cutaway/Chassis Cabs (9,500 and 9,950 lbs.) F-150 (6,070–7,850 lbs.) F-150 Lightning (8,250–8,550 lbs.) F-250 Pickup (9,900–10,000 lbs.) F-350 Pickup (10,000 lbs.) F-350 Chassis Cab SRW (9,800–10,000 lbs.)
3	10,001 to 14,000	E-350 Cutaway (10,050–12,500 lbs.) E-350 Stripped Chassis (11,500–12,500 lbs.) Transit-350 Cargo Van/Crew Van/Passenger Van (10,360 lbs.; 11,000 lbs. [Cargo Van only]) Transit-350 Cutaway/Chassis Cab (10,360 lbs. and 11,000 lbs.) F-250 SD Pickup (10,400–10,800 lbs.) F-350 SRW Pickup (10,100–11,500 lbs.) F-350 DRW Pickup (13,000 ⁽¹⁾ –14,000 lbs.) F-350 Chassis Cab SRW (10,500–11,500 lbs.) F-350 DRW Chassis Cab (14,000 lbs.) E-450 Cutaway (14,000 lbs.) F-450 Pickup (14,000 lbs.)
4	14,001 to 16,000	E-450 Cutaway (14,200–14,500 lbs.) E-450 Stripped Chassis (14,200–14,500 lbs.) F-450 Chassis (15,000–16,000 lbs.) F59 Commercial Stripped Chassis (16,000 lbs.) F53 Motorhome Chassis (16,000 lbs.)
5	16,001 to 19,500	F-450 Chassis Cab (16,500 lbs.) F-550 (17,500–19,500 lbs.) F59 Commercial Stripped Chassis (19,500 lbs.) F53 Motorhome Chassis (18,000 lbs.)
6	19,501 to 26,000	F-600 (22,000 lbs.) F-650 Gasoline (22,000–26,000 lbs.)/Diesel (22,000–26,000 lbs.) F59 Commercial Stripped Chassis (22,000 lbs.) F53 Motorhome Chassis (20,500–26,000 lbs.)
7	26,001 to 33,000	F-650 (27,500–29,000 lbs. Gas and Diesel) F-750 (31,000–33,000 lbs. Gas and Diesel)
8	33,001 plus	F-750 (34,200–37,000 lbs. Diesel)

(1) 13,000 lbs. pickup box delete only.

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[Weight Distribution](#)

That portion of a vehicle's total weight that will be supported by each axle and each tire. Proper distribution of vehicle weight is critical to braking, handling and to the service life of components such as axles, springs, bearings and tires.



2022 F-150 Lightning > Specs > Dimensions/Weights/Capacities

Weight Ratings

Cab Style/ Drive/WB (in.)	Battery	Max. GVWR (lbs.)	Max. Payload (lbs.) ⁽¹⁾	Max. Total ARC Weight (lbs.) ⁽²⁾	Max. GAWR (lbs.) ⁽³⁾		Base Curb Weight (lbs.)		
					Front	Rear	Front	Rear	Total
SuperCrew 4x4 145.5	Standard- range	8,250	2,000	TBA	3,750	4,900	3,164	3,007	6,171
	Extended- range	8,550	1,800	TBA	3,900	4,800	3,357	3,233	6,590

(1) Load rating represents maximum allowable weight of people, cargo and body equipment and is reduced by available equipment weight. See label on door jamb for carrying capacity of a specific vehicle.

(2) Total ARC Weight is the maximum allowable weight for regular production options (OPT) and aftermarket equipment. Accessory Reserve Capacity (ARC) for models with standard equipment and the engine/transmission combination indicated.

(3) Gross Axle Weight Rating (GAWR) is determined by the rated capacity of the minimum component of the axle system (axle, computer selected springs, wheels, tires) of a specific vehicle. Front and rear GAWRs will, in all cases, sum to a number equal to or greater than the GVWR for the particular vehicle. Maximum loaded vehicle (including passengers, equipment and payload) cannot exceed the GVWR.

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

2022 F-150 Lightning > Specs

Standard Equipment

F-150 Lightning 4x4 Pickup

2022 F-150 Lightning > Specs > Standard Equipment

F-150 Lightning 4x4 Pickup

POWERTRAIN:	Refer to the Ordering Guide for 50 States Usage
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Battery	Type	Standard-range (98 kWh)
Transmission	Type	Single-speed
Drive Unit	Type	Electric
	Axle	Front/Rear
AXLES:		
Front Axle	Type	Long-spindle double-wishbone, coil-over-shock IFS
	Gross Axle Weight Rating (GAWR) (lbs.)	3,000-3,850
Rear Axle	Type	Semi-floating
	Gross Axle Weight Rating (GAWR) (lbs.)	3,400-4,150
BRAKES:		
Front/Rear Disc	Type	Vented with Nitro Tough Iron, twin-piston front and single-piston rear caliper
	Rotor Diameter — Front/Rear	13.8"/13.7" 350 mm/336 mm
Anti-Lock Brake System		4-wheel regenerative braking (4-channel with electronic brakeforce distribution)
Parking Brake		Electric (rear)
JACK:	Capacity	TBA
STEERING:	Type	Power, rack-and-pinion; electric power-assist
	Ratio	17.4:1
SUSPENSION:		
Frame	Type	Fully boxed, modular high-strength steel with 4 crossmembers that are welded on both sides
	Section Modulus (cu. in.)	See frame specifications
Springs, Front	Type	Coil, computer selected
Springs, Rear	Type	Coil, computer selected
Shock Absorbers	Gas-pressurized Monotube — Front/Rear	1.1"/1.1" 28 mm/28mm
Stabilizer Bar	Position/Diameter/Type	Front: 25.4 mm/hollow Rear: 25.4 mm/hollow
TIRES:	Type	Steel-belted radial all-terrain
	Size	Five 275/65R18 (A/T)
	Spare Tire Carrier	Rear underframe, winch-type with safety catch (locking-type)
WHEELS:	Type and Size	Four 18" machined with high gloss black pockets with same-size steel spare (6-hole disc)

NOTE: Refer to Weight Ratings for Standard & Available Weight Rating Specifications (GVWR/Payload/Spring & GAWR/Base Curb Weight).

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

2022 F-150 Lightning > Specs

Powertrain

Drivetrain/Battery Configuration	Standard-Range Battery	Extended-Range Battery
Horsepower ⁽¹⁾	426 (318 kW)	536 (420 kW)
Torque (lb.-ft.) ⁽¹⁾	775	775
Drivetrain layout	Dual eMotor, front/rear transverse mounted, four-wheel drive	

(1) Calculated via peak performance of the electric motor(s) at peak battery power. Your results may vary. Based on manufacturer testing using computer engineering simulations.

2022 F-150 Lightning > Specs

Chassis

Brake System Specifications

Front Axle Specifications

Spring Specifications — Front Coil

Spring Specifications — Rear Coil

Tire Specifications

Wheel Specifications

2022 F-150 Lightning > Specs > Chassis

Front Axle Specifications

Series/Model		F-150 Lightning 4x4
Type		Long-spindle, double-wishbone, coil-over-shock independent front suspension
Gross Axle Weight Rating (GAWR) (lbs.)		3,750-3,900
Upper Control Arm	Material	Stamped steel
Lower Control Arm	Material	Stamped steel
Spring	Type	Coil-over-shock, computer selected
Ball Joints		Lubed-for-life
Spindle	Material	Cast-aluminum body with forged steel stem
Wheel Bearings	Type	Self-retained tapered roller (GEN II cartridge)

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

2022 F-150 Lightning > Specs > Chassis

Brake System Specifications

Standard	
Description	Power vented disc with Anti-Lock Brake System (ABS), electronically controlled brake boost and Automatic Emergency Braking (AEB)
Front Specifications	
Rotor Material	Nitro Tough Iron
Rotor Size (dia. x thickness) (mm)	356 x 34
Swept Area (sq. mm)	53,134
Caliper Description	Sliding-caliper, dual-piston
Caliper Piston Dia. (x2; mm)	54
Rear	
Rotor Material	Nitro Tough Iron
Rotor Size (dia. x thickness) (mm)	350 x 24
Caliper Description	Sliding-caliper, single-piston with electric integrated parking brake (eIPB)
Caliper Piston Dia. (mm)	54
Swept Area (sq. mm)	42,997
Electric Parking Brake Rating (kN)	25.5

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

2022 F-150 Lightning > Specs > Chassis

Spring Specifications – Front Coil

Model	Combined FGAWR Rating (lbs.)	Curb Height of Spring (in.)	Inside Dia. (in.)	Wire Dia. (in.)	Spring Rate (lbs./in. ea.)
Pro	3,900	12.76	Top: 3.78 in	0.73	543
XLT		12.67	Bottom: 2.75 in	0.73	543
LARIAT		12.67		0.73	543
Platinum		12.71		0.75	600

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

2022 F-150 Lightning > Specs > Chassis

Spring Specifications — Rear Coil

Model	Combined RGAWR Rating (lbs.)	Curb Height of Spring (in.)	Inside Dia. (in.)	Wire Dia. (in.)	Spring Rate (lb./in.)
Pro	3,925	13.9	4.37	0.69	251
XLT		13.5		0.69	251
LARIAT		13.5		0.69	251
Platinum		13.9		0.70	280

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

2022 F-150 Lightning > Specs > Chassis

Tire Specifications

Size	Rim Width (in.)	Section Width (in.)	Static Loaded Radius (in.)
275/65R18 116T A/T	8.5	11.22	14.28
275/50R22 111T A/S	8.5	10.90	19.98
275/60R20 115T A/T (T2P)	8.5	11.10	14.75

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

2022 F-150 Lightning > Specs > Chassis

Wheel Specifications

Wheel Type	Wheel Size (in.)	Inset (in./mm)	No. of Studs	Bolt Circle (in./mm)	Maximum Wheel Capacity Load Front/Rear (lbs.)
18" machined aluminum with high gloss black-painted pockets (643)	18 x 8.5	1.73/44	6	5.3/135	2,025/2,249
20" Dark Carbonized Gray-painted aluminum (645)	20 x 8.5	1.73/44	6	5.3/135	2,025/2,249
22" bright-machined aluminum with Ebony Black-painted pockets (647)	22 x 8.5	1.73/44	6	5.3/135	1,950/2,166

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

2022 F-150 Lightning > Specs

Electrical

2022 F-150 Lightning > Specs > Electrical

Standard Lighting/Reflector Equipment

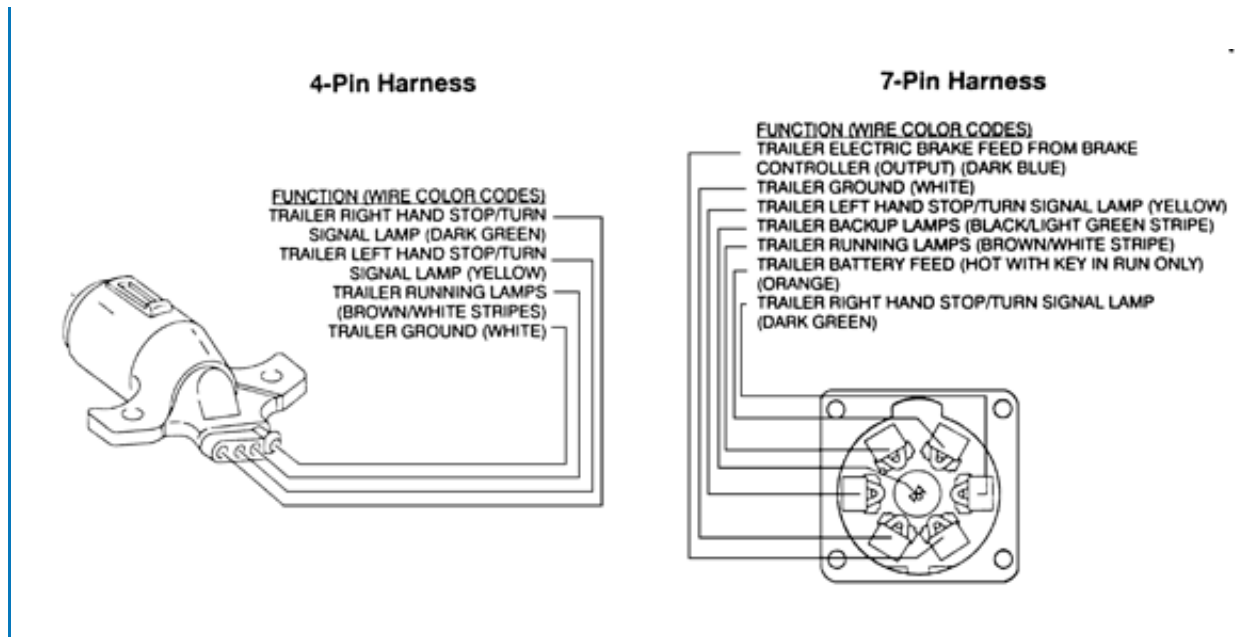
Light Reflector	Application
Headlamps (LED) with dynamic bending	All Series
Parking Lamps	All Series — Integral with turn signals
Front/Rear Turn Signals	All Series
Front Side Marker Lamps	All Series
Front Side Reflectors	All Series
Rear Side Reflectors	All Series
Rear Side Marker Lamps	All Series — integral with taillamps
License Plate Lamps	All Series
Two Combination Taillamps with Integral Stop, Turn Signal and Backup Lamps and Reflective Surface	All Series
Rear Reflectors	All Series
Front Daytime Running Lamps	All Series

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

2022 F-150 Lightning > Specs > Electrical

Trailer Towing Wiring Harness

Circuit Number	Circuit Description	Color Code
RAT08	Ground	White
CAT17	Parking Lamps	Brown
CAT14	Trailer Battery Feed	Orange
CAT19	To Electric Brakes	Dark Blue
CAT09	RH Turn Signal and Stop Lamps	Dark Green
CAT06	LH Turn Signal and Stop Lamps	Yellow
CAT03/CAT16	Trailer Backup Lamps	Gray with Brown Stripe
CBP30	Front Brake Controller Running Lamp Feed/Park Lamp Feed	Yellow with Blue Stripe
CBP40	Rear Brake Controller Running Lamp Feed/Park Lamp Feed	Yellow with Green Stripe
CLS30	Brake Controller Running Lamp Feed/Park Lamp Feed	Violet with White Stripe
CCB08	Vehicle Stop Lamps	Violet with White Stripe
SBB18/SBB17	B+ to Electric Brake Controller	Yellow with Red Stripe



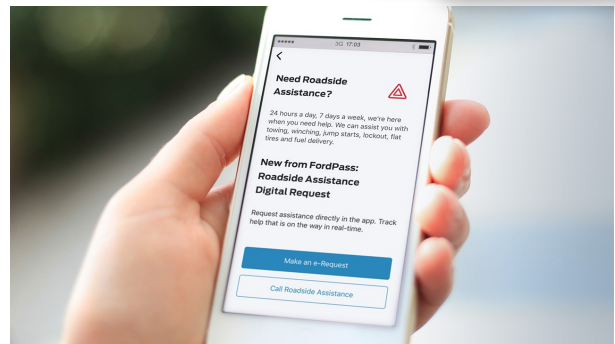
NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

2022 F-150 Lightning > Specs

Warranties

24-HOUR ROADSIDE ASSISTANCE⁽¹⁾

- Owners can call the toll-free number (1-800-241-3673) 24 hours a day
- Customers can also use their FordPass⁽²⁾ App:
 - Tap the red Hazard icon at the top of the screen
 - Tap the Make an e-Request button
 - Follow the prompts, which allow owners to identify the type of service they need
 - Owners can follow real-time progress of their request on the FordPass map
- Services available include flat tire change, towing to the nearest Ford dealership, fuel delivery, jump start and lockout assistance
- The FordPass App also offers a link to Accident Assistance under Vehicle Details/Vehicle Support
 - Accident Assistance includes information on what to do in an accident and about collision repairs
 - It also provides a collision shop locator that identifies the nearest Ford Certified Collision Center
- Services available include towing and lockout assistance
 - In the event of a breakdown or "out-of-charge," US F-150 Lightning Roadside customers can choose from 3 different locations to be towed to within 35 miles of the vehicle breakdown location:
 - EV Certified Dealer
 - Nearest public charger (out-of-charge use case)
 - Their home residence (out-of-charge use case)
 - Restrictions:
 - If the customer is over 35 miles from any of the above approved locations, Ford Roadside will tow the vehicle to the nearest location outside of the 35 miles at no charge to the customer
 - The customer is only charged if they choose to be towed to a location that is over 35 miles from their breakdown location AND there are approved locations within 35 miles
 - F-150 Lightning requires a flatbed tow vehicle (all 4 wheels off the ground) to prevent damaging the drivetrain



POWERTRAIN LIMITED WARRANTY

- Powertrain Limited Warranty for Ford vehicles is 5 years or 60,000 miles, whichever comes first
- That's an additional 2 years/24,000 miles (whichever comes first) of coverage beyond the bumper-to-bumper coverage for components such as the engine, transmission and front- or rear-wheel-drive parts

NEW VEHICLE LIMITED WARRANTIES

- 3-year/36,000-mile (whichever comes first) bumper-to-bumper; no deductible
- 5-year/60,000-mile (whichever comes first) Powertrain Limited Warranty
- 5-year/unlimited-mileage (whichever comes first) Corrosion Perforation (aluminum panels don't require perforation)
- 5-year/60,000-mile (whichever comes first) Safety Restraint Warranty

UNIQUE COMPONENT WARRANTY

- Under the Unique Component Warranty, Ford provides coverage of the high-voltage battery for 8 years or 100,000 miles (whichever occurs first)
- Refer to the Vehicle Warranty Guide for a complete list of all of the parts covered

(1) Roadside Assistance is included for certain owners and available to everyone for a per-service fee. Ford reserves the right to change program details without obligations. Ford Roadside Assistance is a complimentary offering to all Ford owners for up to 5 years or 60,000 miles (from the date of sale), whichever occurs first.

(2) FordPass, compatible with select smartphone platforms, is available via a download. Message and data rates may apply.

NOTE: See www.motorcraftservice.com for a link to a printable PDF of the Warranty Guide.

2022 F-150 Lightning

Key Launch Training Resources

PRODUCT		
<p>eSOURCEBOOK</p> <p>F-150 Lightning eSourceBook Section</p> <p>JOB AIDS</p> <p> 2022 F-150 Lightning Packaging Guide</p> <p> 2022 F-150 Lightning Hero Card</p> <p> F-150 Lightning Pro Charge Up Your Fleet</p> <p> 2022 F-150 Lightning Technical Specifications</p> <p> F-150 Lightning - Intelligent Backup vs. Pro Power Onboard</p> <p> F-150 Lightning - Dealer and Charging Network Map</p> <p> F-150 Lightning - Day in the Life</p> <p> F-150 Lightning - Pro Power Onboard</p> <p> F-150 Lightning - Charging Options and Estimated Charge Times</p> <p> F-150 Lightning - Smart Charging and Connectivity</p> <p>View All 2022 F-150 Lightning Job Aids ></p>	<p>VIDEOS</p> <p> 2022 F-150 Lightning Walkaround</p> <p> 2022 F-150 Lightning</p> <p> F-150 Lightning Pro Overview</p> <p> F-150 Lightning Pro Technology</p> <p> F-150 Lightning Pro Why Buys</p> <p>View All 2022 F-150 Lightning Videos ></p>	<p>eLEARNING</p> <p>Ford F-150 Lightning 2022 Roadshow 1: Overview</p> <p>FRONTLINE</p> <p> Technology - Ford Assistant</p> <p> Electrification Strategy</p> <p> 2022 F-150 Lightning</p> <p>PODCASTS</p> <p>Lightning strikes twice: The all-new, all-electric F-150 Lightning</p>

EV

eSOURCEBOOK

Electrified Vehicles Section

JOB AIDS



EV Key Terms

[View All EV Job Aids >](#)

eLEARNING

EV Fundamentals

EV – Setting Expectations for High-Voltage Battery Performance

Ford – EV SEEK 1

TECHNOLOGY

eSOURCEBOOK

SYNC 4 Technology Overview

SYNC 4A with Enhanced Voice Recognition

Pair a Phone with SYNC 4 Technology

Make It Easy - SYNC 4 Technology FAQs

Software Updates, formerly known as Over-the-Air Updates

Make It Easy – Software Updates FAQ

BlueCruise, formerly known as Active Drive Assist

eLEARNING

Ford Power-Up Software Updates Ford SEEK

FRONTLINE



Technology Advancements



Technology: Software Updates



Technology: Phone As A Key



Technology: SYNC® 4