



PRO™

power
up Academy

F-150® Lightning® Truck:

How to Use Pro Power Onboard™

For Drivers



Overview

This segment teaches drivers how to operate **Pro Power Onboard**,¹ which consists of **power outlets** conveniently located in the **frunk, cab and cargo bed** of your F-150[®] Lightning[®] truck. It also provides some ideas for **what sorts of equipment and devices you can power** with the system.

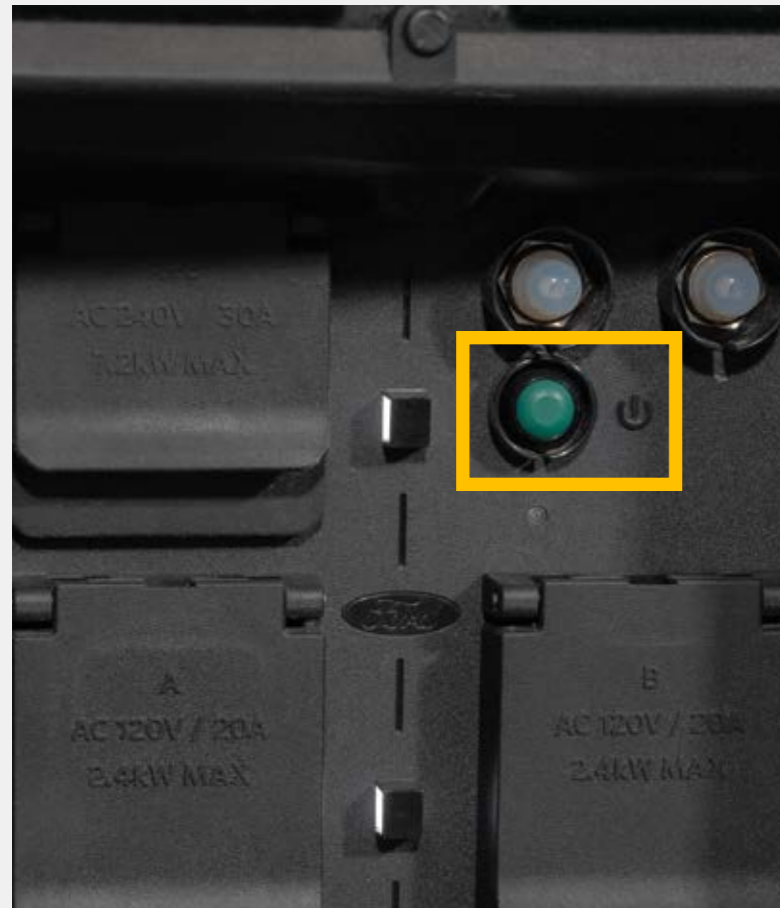
1. See Owner's Manual for important operating instructions. Computer-generated image shown.



Pro Power Onboard™ Comes Two Ways

- ▶ Look in the truck's **cargo bed** to see which system is on your F-150® Lightning® model. If you see **3 power outlet covers** (shown), it has the available **9.6kW system**. If you only see **1 cover**, then it's the **2.4kW system**.
- ▶ Each system is made up of several power outlets.
 - ▷ **9.6kW system:** 120V outlets (4 in the frunk, 2 in the cab, 4 in the cargo bed) and a 240V outlet in the bed
 - ▷ **2.4kW system:** 120V outlets (4 in the frunk, 2 in the cab, 2 in the cargo bed)

The System Must Be Turned On



- ▶ When your electric vehicle (EV) is already on, you can **activate the outlets** 2 ways:
 - ▷ Press the **green button** near an outlet
 - ▷ On the **touchscreen**, tap **Features**, then select the **Pro Power Onboard™** tile, and press the **power** button
- ▶ If your EV is off, you'll need to **press the green button** near an outlet **within a minute** of exiting or unlocking the vehicle.
- ▶ An **indicator light** near the outlet illuminates when the system is on.

See Owner's Manual for important operating instructions.
Screens shown are subject to change.



It's Got Powerful Possibilities

- ▶ The system can **power several items at the same time**, spread across **all of the circuits**! Below are some examples:
 - ▷ **2.4kW system:** jackhammer and compact concrete mixer (2,300W total)
 - ▷ **9.6kW system:** 12" compound miter saw, circular saw, gang battery charger, hammer drill, 2.5-hp air compressor, and area floodlights (8,000W total)
- ▶ With Pro Power Onboard™, the F-150® Lightning® pickup with an Extended Range Battery **charged nightly** can support a worksite for a **16-hour shift**, every day.²

1. See Owner's Manual for important operating instructions. 2. See Owner's Manual for important operating instructions. Assumes typical worksite is 3-4 crew, meaning at maximum 4 tools can operate at one time, no worker operates more than one tool at a time, that tools are not used consistently without interruption.

Monitor Your Use on the Touchscreen



- ▶ The graphics on the **Pro Power Onboard™** screen show you **available power in Watts (W)** and the power **currently in use (white bars)**.
- ▶ Be sure devices you plug in **do not exceed** the available power (W).
- ▶ If you do exceed available power, the system **shuts down and displays a message** with instructions on screen.



Reserve Some Power for Driving

- ▶ Be sure to tell the system **how much battery range to save for driving** to where you can recharge.
 - ▷ This is called setting the **Pro Power Reserve**
 - ▷ When it's reached, the **system notifies you** on the touchscreen and **Pro Power Onboard™ turns off**
- ▶ You can keep the Pro Power Reserve at the **default setting of 70 miles**, change it to calculate the range to the nearest charging station, or manually set your preferred range.

Changing the Limit on Pro Power Reserve

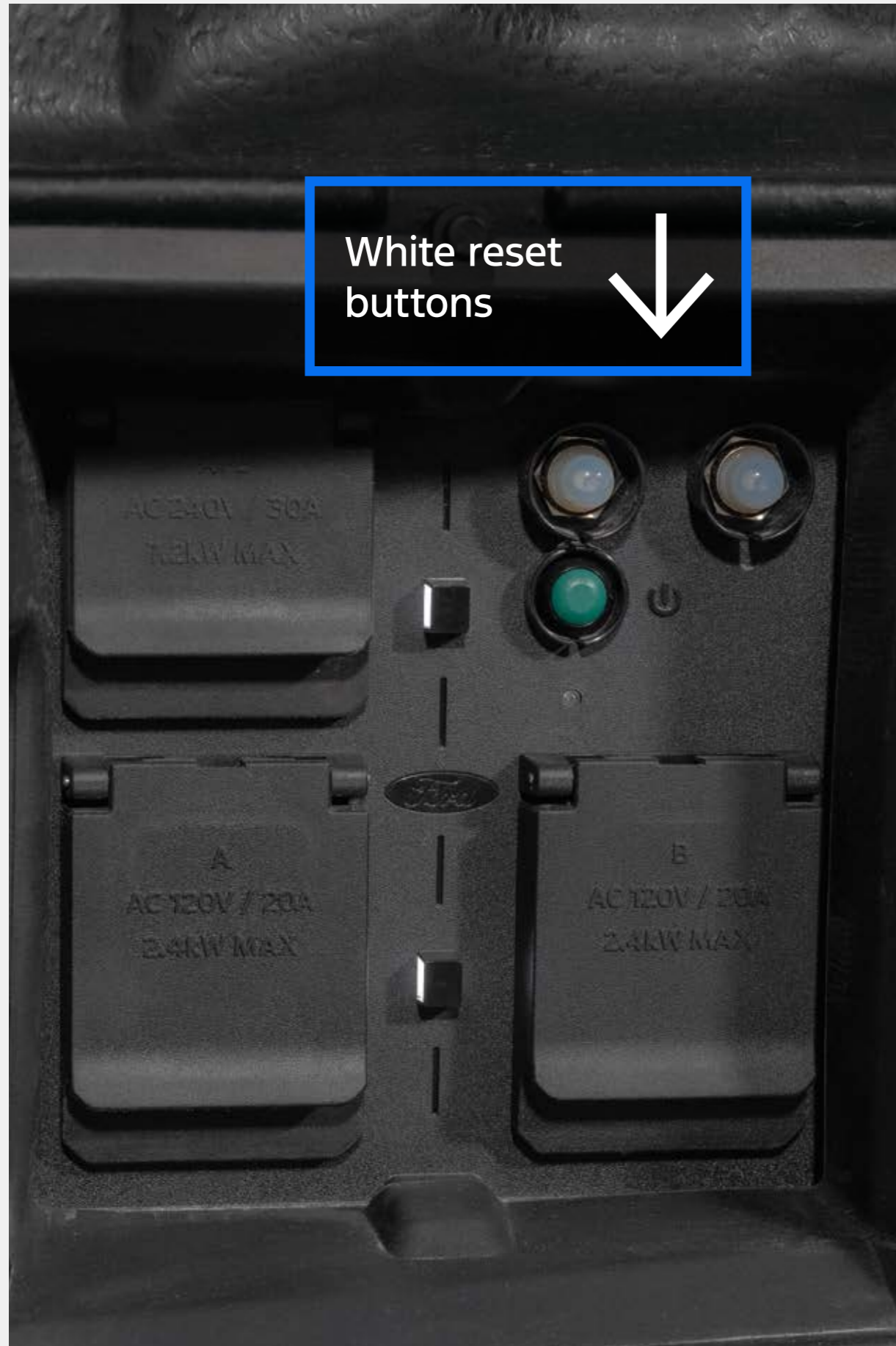


- ▶ On the touchscreen, open the **Features** menu, then select the **Pro Power Onboard™** tile.
- ▶ Scroll down to **Pro Power Reserve**.
- ▶ **Increase or decrease** the range reserve manually by using the left and right arrows or slider bar.
- ▶ **And remember:** set the Pro Power Reserve with enough range to drive to a charger.



If a Device Exceeds the Power Limit

- ▶ The **system notifies you** on the touchscreen, the **outlet turns off**, and the indicator light flashes.
- ▶ To **reset** the outlet, you can **unplug the device** and turn the **vehicle off** to let the system cool and reset.
- ▶ When you turn the vehicle back on, check that the **outlet indicator light is on** (not flashing).



If the System Detects a Ground Fault

- ▶ You'll see a **message on the touchscreen**, and the **outlets will stop working**.
- ▶ To **reset** the system, you can:
 - ▷ **Unplug all devices**
 - ▷ **Reset the circuit breakers** through the **touchscreen** or by pressing the **white reset buttons** near the outlets **in the cargo bed**

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