PLUGLESS REQUIREMENTS

How to Tell If Your Parking Space is Plugless-Ready

The requirements for going Plugless are pretty basic. In addition to having a dedicated parking space, there are only four key elements that you must have in order to install Plugless.

**Power Source**
Plugless is a powerful 3.3kw charger and requires a 240V/30amp circuit or outlet within 1 ft of Control Panel bottom.

**Line-of-Sight**
You will need clear line-of-sight to the Plugless Control Panel display indicators as you park.

**Space**
Your car must be able to park within a space 22’ from the Control Panel in order for the 25’ power cable to reach the Parking Pad.

**Parking Surface**
The parking surface should be flat and solid so the Parking Pad sits level with the rear tires. The Parking Pad cannot be sunk into the ground.

Common Plugless Configurations

**OUTDOOR WITH PEDESTAL**
This solution works for outdoor parking spaces not near a wall or power source. The Control Panel is mounted on a Plugless Pedestal and power is run out to it from your home. For outdoor installations, Plugless must be hardwired to your home electrical by an electrician.

**OFFSET CONTROL PANEL**
Normally, the Control Panel is mounted on a wall directly in front of your vehicle. The Panel can be mounted offset if necessary, as long as it is still visible to the driver while parking. The 25’ power cable will still need to reach the Parking Pad from the Control Panel.

**SIDE-MOUNTED CONTROL PANEL**
If there’s no available wall in front of your car and installing a Pedestal is not possible, the Control Panel can be mounted facing either side of the vehicle. You should still have clear line-of-sight to the Panel display as you park. The power cable can be driven over if covered with a durable cable protector.

**UNEVEN PARKING SURFACES**
Plugless will work even if you park on an uneven surface such as loose gravel or broken slate. However the Parking Pad must be level with the rear tires of your vehicle to maintain optimal alignment and the most efficient charging. Also, the Pad requires a solid surface to hold the anchor pins. These keep the Parking Pad from accidentally being nudged out of alignment. You can easily create a surface for the pad by pouring a small concrete slab that lays flush with the ground and covers the area bounded by the rear tires and rear bumper.

**CHECKING FOR REBAR**
If your existing parking surface is concrete, you’ll need to check for reinforcing metal bar (rebar). If the metal is too close to the concrete surface near the Parking Pad, it can interfere with the magnetic field and reduce charging efficiency. You can get a handheld metal scanner to detect rebar. If rebar is present, you can purchase a Plugless Concrete Shield which will block any interference.

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