

## SHOULD I UPGRADE MORE THAN JUST THE CONTROLLER?

When installing a Navitas controller, there are several affected systems that you should consider upgrading at the same time.

- **SOLENOID**

The solenoid takes power from the battery and delivers it to your Navitas controller. We recommend upgrading your solenoid to a minimum rating of 200 amps or more, depending on your needs.

- **WIRING**

Because you are carrying more power from your battery to your controller, ensuring that your wiring can safely carry that current is critical. We recommend a minimum of 4 AWG wiring or more, depending on your needs.

- **PRE-CHARGE RESISTOR / COIL SUPPRESSION DIODE**

The pre-charge resistor and coil suppression diode are only needed on the following vehicles:

- a. **Series Vehicles**

- Require a pre-charge resistor

- b. **EZGO DCS Vehicles**

- Require the Coil Suppression Diode as well as the board from the OEM controller. These vehicles can be identified by their 10-pin connector



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