

APPLICATION:

# WHAT WIRE SIZE?

NAVITAS  
VEHICLE SYSTEMS

Because your Navitas controller can handle a lot of power, you need to ensure that your wiring can safely carry the current from your battery to your controller. We recommend that all wiring from your battery, all the way to your controller, be 2 AWG, but a **minimum of 4 AWG depending on your needs.**

## HOW CAN I UPGRADE TO THE NAVITAS CONTROLLER?

If any of the following driving scenarios apply to your car, we recommend installing larger 2 AWG wiring.

- Driving in hilly areas
- Towing
- High speed and acceleration

If you are unsure what size your wiring is, we recommend replacing it to at least minimum standards.

If your wiring carries too much power, it may melt, or worse, start a fire.



### QUICK TIP MAXIMUM WIRE SIZE

Your motor will not draw enough power to use wiring larger than 2 AWG. Because of this, we do not suggest using wiring larger than 2 AWG.

## CONTACT US

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