

# JUMPSTART A CAR

Count on it, it's going to happen to you. At some point you will return to your car and realize that you left your lights on, or something like that, and the moment you turn the key, your heart is going to sink.

But never fear! With a set of jumper cables, and a good Samaritan, you'll be up and running again in no time.

## FLIP OVER FOR YOUR NEXT CHALLENGE



### EARN THIS NUGGET

Try jumpstarting a car. If you have the resources to, try it with a dead battery.

LEVEL K

PERIOD 3

TASK 2

So first of all, jumper cables-- they are available in any auto store, and are an essential piece of equipment for you to carry in the car. If you don't have a set, then your task gets harder as now you are not only looking for a good Samaritan, but one that had the forethought to be more prepared than you. Having found your knight in shining armor, it's time to get the show back on the road, along with a word of warning. Some modern cars with electronic ignition, or alternative power sources, could possibly be damaged from jump-starting. I have never seen it, but be warned.

1. Have the Good Samaritan park his or her car so that the cars are nose to nose.
2. Place both vehicles in Park, and shut off the engines.
3. Notice the jumper cables have red and black clips on them. Connect the red clip to the red, or positive terminal of the battery on both vehicles. You'll have to move the protective rubber cover away from the battery terminal.
4. Attach the black clip to the black (sometimes green), or negative terminal of the full battery. As soon as you do that, the black and red leads at the other end will be live, if you touch them together you'll see something that resembles the 4th of July. This is to be avoided, as much fun as it may sound.
5. Finally, attach the black clip to your car. While this can be attached directly to your negative battery terminal, this is not necessary. Simply attach it to a piece of unpainted metal on the car away from the battery, perhaps on a metal strut that holds the hood open, or a shiny nut on the engine block.
6. Now start the car with the working battery, then start your car and just as importantly, keep it running. Your battery will immediately start charging as long as everything is in good mechanical order; but it will take some time.

