Motor Controller 29

Motor Controller Module

The Motor Controller 29 regulates the speed of a VEX motor based on a signal it receives from a VEX Microcontroller. This allows for control of any VEX motor that doesn't have a built-in motor controller, such as the VEX 2-wire motors.

INSERT THIS PAGE at the **back of the Motion chapter** in your VEX Inventor's Guide.
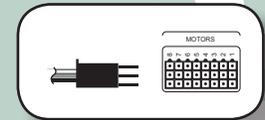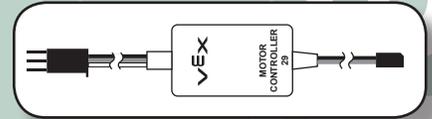
Motor Controller Specs:

Max Current   3 amps @ 8.5v (full forward or full reverse)
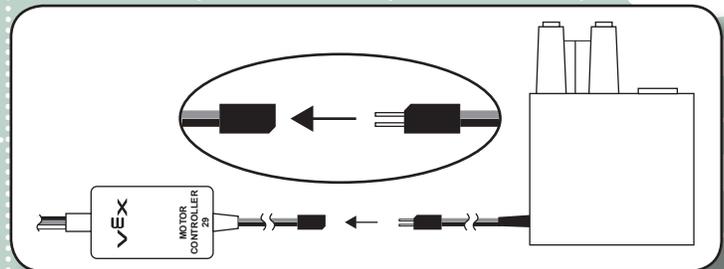Idle Current   12 mA @ 8.5v (typical)

Notes:
- Each VEX Motor Controller Module can drive one 2-wire motor
- Max motor stall current: 3 amps
- Max battery voltage: 8.5v (with fully charged 7.2v battery)
- Connect 2-wire socket to motor 2-wire plug
- Easy reverse, swap connection to motor plug
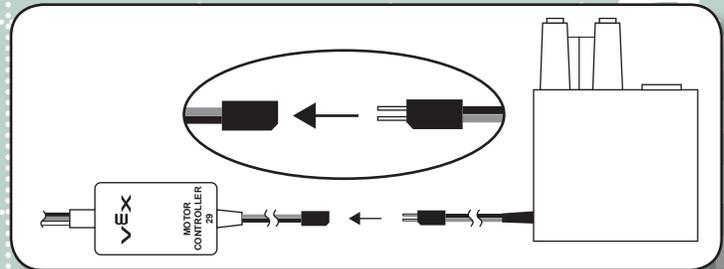

How To Connect

1. Connect Motor Controller 3-wire plug to microcontroller motor port

2. Connect 2-wire motor plug to motor controller 2-wire jack

3. To reverse, rotate plug connection

For More Information, and additional Parts & Pieces refer to:
www.VEXRobotics.com