

2-Wire Motor 269

The **2-Wire Motor 269** replaces the **3-Wire Motor** as the standard VEX motor. All of the internal gears are made from a steel alloy, which means the clutches and replacement gears are no longer required. The 2-wire motor can be directly connected to the Cortex and ARM9 microcontrollers' internal motor controllers. An external motor control module is required to connect the 2-wire motor to the PIC Microcontroller V0.5. External motor control modules can also be used with the Cortex and ARM 9 microcontrollers.

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at the **back of the**
Motion Chapter in your
VEX Inventor's Guide.

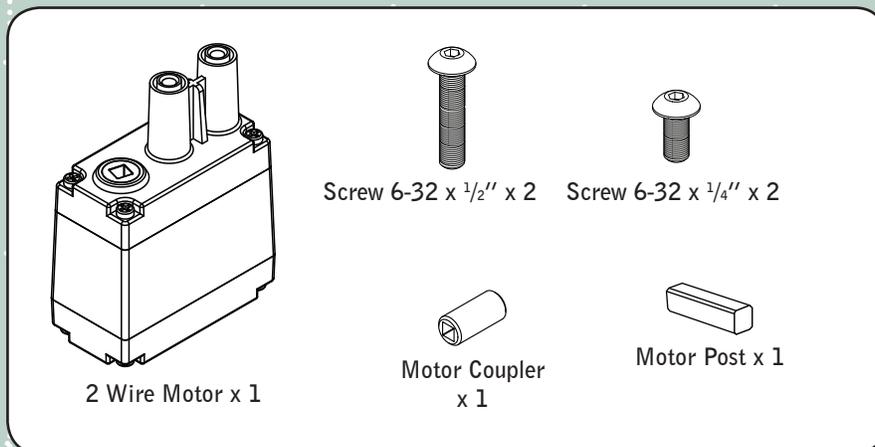
Motor Coupler

The 2-Wire Motor 269 kit includes the new shaft coupler, which can be used in place of the clutch to connect the motor to VEX shafts. The coupler can also be used to connect VEX shafts together.

Motor Specifications

All motor specifications are at 7.2 volts. Actual motor specifications are within 20% of the values below.

| Description | Specification |
|---------------|----------------------|
| Stall Torque | 8.6 in-lb [0.97 N-m] |
| Free Speed | 100 RPM |
| Stall Current | 2.6 Amps |
| Free Current | 0.18 Amps |



Limited 90-day Warranty

This product is warranted by Innovation First against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from authorized Innovation First dealers. For complete warranty details and exclusions, check with your dealer.

Innovation First, Inc.
1519 IH 30 W
Greenville, TX 75402

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

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