VEX IQ Education Kit (2nd generation) (No Control System)

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Connectors

- Double 2x Wide, 2x2 Double Offset Corner Connector (4x)
- Double 2x Wide, 2x2 Corner Connector (2x)
- Double 2x Wide,1x2 Corner Connector (5x)
- Triple 2x Wide, 2x2 Corner Connector (8x)
- Large Chassis Corner Connector (6x)
- Small Chassis Corner Connector (15x)
- 2x Wide, 3x2 Corner Connector (4x)
- 2x Wide, 2x2 Offset Corner Connector (4x)
- 2x Wide, 2x2 Corner Connector (10x)
- 2x Wide, 1x2 Offset Corner Connector (8x)
- 2x Wide, 1x2 Corner Connector (11x)
- 2x Wide, 60 Degree Omni 1x2 Corner Connector (4x)
- 2x Wide, 2x1 Offset Corner Connector (4x)
- 2x Wide, 2x1 Corner Connector (5x)
- 2x Wide, 1x1 Offset Corner Connector (3x)
- 1x Wide, 1x1 Offset Corner Connector (13x)
- 1x Wide, 1x1 Corner Connector (9x)

Pins & Standoffs

- 6x Pitch Standoff (6x)
- 4x Pitch Standoff (5x)
- 2x Pitch Standoff (15x)
- 1x Pitch Standoff (13x)
- 0.5x Pitch Standoff (13x)
- 0.25x Pitch Standoff (11x)
- 0.5x Pitch Standoff Extender (11x)
- Mini Standoff Connector (13x)
- 90° Standoff Connector (9x)
- End Standoff Connector (9x)
- 2x2 Connector Pin (21x)
- 1x2 Connector Pin (53x)
- 1x1 Idler Pin (7x)
- 1x1 Connector Pin (221x)
- 0x2 Idler Pin (7x)
- 0x2 Connector Pin (22x)
- 0x3 Connector Pin (21x)

Shafts

- 1x Pitch Plastic Motor Snap Shaft (5x)
- 2x Pitch Capped Shaft (3x)
- 3x Pitch Capped Shaft (3x)
- 3x Pitch Capped Plastic Shaft (6x)
- 4x Pitch Capped Shaft (3x)
- 4x Pitch Shaft (2x)
- 5x Pitch Capped Shaft (2x)
- 5x Pitch Capped Plastic Shaft (4x)
- 6x Pitch Shaft (4x)
- 2x Pitch Motor Shaft (4x)
- 3x Pitch Motor Shaft (4x)
- 4x Pitch Motor Shaft (4x)
- 2x Pitch Plastic Motor Shaft (6x)
- 3x Pitch Plastic Motor Shaft (6x)
- 4x Pitch Plastic Motor Shaft (6x)
- Rubber Shaft Collar (32x)
- 0.25x Pitch Shaft Spacer (28x)
- Washer (24x)

Specialty Parts

- 24x Pitch Rope (2x)
- Cable Anchor (11x)
- Pusher
- Puller
- Pin Tool (1x)
- Lever
- 2x8 Smooth Panel (1x)
- 1x Wide Spool (2x)
- 1x4 Crank Arm with 23 Tooth Gear (2x)
- Silicone Rubber Band (2x)
- Rubber Band Anchor (3x)
- Traction Link (5x)
- Short Intake Flap (3x)
- Medium Intake Flap (2x)

Gears

- 48 Tooth Gear (2x)
- 36 Tooth Gear (6x)
- 24 Tooth Gear (4x)
- 12 Tooth Gear (10x)

Sprockets & Chain

- 24 Tooth Sprocket (2x)
- 16 Tooth Sprocket (4x)
- 8 Tooth Sprocket (4x)
- Chain Link (101x)

Wheels

- Wheel Hub (44mm) (2x)
- 200mm Travel Tire (2x)
- 2x Wide 48.5mm Diameter Hub (2x)
- 5x Pitch Diameter Balloon Tire (2x)
- 200 mm Travel Omni-Directional Wheel (2x)
- 2x2 Center Offset Round Lock Beam (6x)

Electronics

- 600mm Smart Cable (1x)
- 400mm Smart Cable (1x)
- 300mm Smart Cable (3x)
- 200mm Smart Cable (4x)
- Bumper Switch (1x)

Beams & Plates

- 1x16 Beam (4x)
- 1x12 Beam (4x)
- 1x10 Beam (6x)
- 1x8 Beam (8x)
- 1x6 Beam (6x)
- 1x5 Beam (2x)
- 1x4 Beam (7x)
- 1x2 Beam (5x)
- 1x1 Beam (10x)
- 1x3 Center Lock Beam (4x)
- 1x4 Low-Profile End Lock Beam (5x)
- 2x2 Beam (5x)
- 2x4 Beam (6x)
- 2x6 Beam (6x)
- 2x7 Beam (2x)
- 2x8 Beam (6x)
- 2x10 Beam (4x)
- 2x12 Beam (6x)
- 2x16 Beam (4x)
- 2x18 Beam (2x)
- 2x20 Beam (2x)
- 3x5 Right Angle Beam (4x)
- 3x4 Tee Beam (4x)
- 4x4 Offset Right Angle Beam (4x)
- 4x8 Plate (2x)
- 2x3 Right Angle Beam (5x)
- 3x3 30° Angle Beam (4x)
- 45° Angle Beam (4x)
- 3x3 60° Angle Beam (4x)
- 3x3 Plate (2x)
- 4x4 Plate (4x)

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