



# 270-7920 VEX V5 GATEWAY CUSTOM KIT

This kit includes the following sub-kits and are packaged, labeled, and shipped as shown.

Sub-Kit Part Number	Picture	Description	Qty
270-7247-802		<ul style="list-style-type: none"> <li>• 276-4810 V5 Robot Brain (1)</li> <li>• 276-4811 V5 Robot Battery (1)</li> <li>• 276-4812 Bulk V5 Robot Battery Charger (1)</li> <li>• 276-4817-100 V5 Power Cable - 180mm (1)</li> <li>• 276-4840 V5 Smart Motor (4)</li> <li>• 228-2785 USB Cable (1)</li> <li>• 276-4810-009 Brain Flange Short (2)</li> <li>• 276-4810-010 Brain Flange Long (2)</li> <li>• 276-6020-001 Battery Clip (2)</li> <li>• 276-6364 V5 Smart Cables (Starter Pack) (1)</li> </ul>	1
270-7247-803		<ul style="list-style-type: none"> <li>• 276-4810 V5 Robot Brain (1)</li> <li>• 276-4811 V5 Robot Battery (1)</li> <li>• 276-4812 Bulk V5 Robot Battery Charger (1)</li> <li>• 276-4817-100 V5 Power Cable - 180mm (1)</li> <li>• 228-2785 USB Cable (1)</li> <li>• 276-4810-009 Brain Flange Short (2)</li> <li>• 276-4810-010 Brain Flange Long (2)</li> <li>• 276-6020-001 Battery Clip (2)</li> </ul>	1
270-7248-802		<ul style="list-style-type: none"> <li>• 276-7043 V5 Optical Sensor (1)</li> <li>• 276-4840 V5 Smart Motor (1)</li> <li>• 276-6364 V5 Smart Cables (Starter Pack) (1)</li> </ul>	1

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Part Number	Picture	Description	Qty
270-7334		<p><b>PLTW Base Sub-Kit</b></p> <ul style="list-style-type: none"> <li>• 275-1030 3/32" Hex Key (8-pack) (1)</li> <li>• 275-1031 5/64" Hex Key (8-pack) (1)</li> <li>• 276-1341 Base Plate 30x15 (2-pack) (1)</li> <li>• 276-1424 3-Wire Extension Cables (Large Bundle) (1)</li> <li>• 276-1546 Winch and Pulley Kit (1)</li> <li>• 276-1926 Linear Motion Kit (1)</li> <li>• 276-2045 Advanced Mechanics and Motion Kit (1)</li> <li>• 276-2161 Metal &amp; Hardware Kit (1)</li> <li>• 276-2169 Gear Kit (1)</li> <li>• 276-2174 Limit Switch (2-pack) (3)</li> <li>• 276-2212 Claw Kit (1)</li> <li>• 276-2215 Bearing Attachment Rivet (50-pack) (1)</li> <li>• 276-2252 High Strength Sprocket &amp; Chain Kit (1)</li> <li>• 276-4858 Bumper Switch v2 (2-pack) (1)</li> <li>• 276-6558 Tank Tread Kit (1)</li> <li>• 276-2176 LED Indicator Pack (1)</li> <li>• 276-6481 1-Post Hex Nut Retainer w/ Bearing Flat (10-pack) (1)</li> <li>• 276-6482 1-Post Hex Nut Retainer (10-pack) (1)</li> <li>• 228-3510 Rubber Shaft Collar (30-pack) (1)</li> <li>• 276-2154 Line Tracker (3-Pack) (1)</li> </ul>	1
270-7337		<p><b>PLTW Metal Sub-Kit</b></p> <ul style="list-style-type: none"> <li>• 276-1149 Drive Shaft 12" (4-pack) (1)</li> <li>• 276-1496 2.75" Wheel (4-Pack) (1)</li> <li>• 276-2232-800 Booster Kit - Hardware Components Box (1)</li> <li>• 276-2232-801 Booster Kit - Structural Elements Box (1)</li> <li>• 276-6929 Clawbot Kit, No Motors (1)</li> </ul>	1