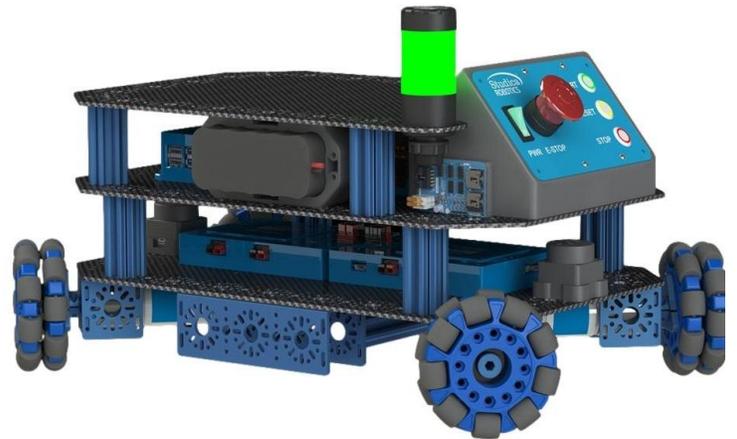
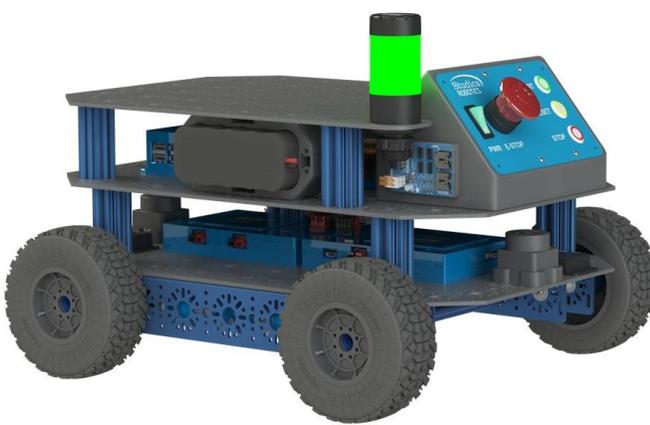


Part # 70215



WorldSkills Autonomous Mobile Robotics LYON to FULL

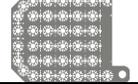


Item	Part #	Image	Pack Cont's	In Kit
ELECTRONICS				
High-Current Power Distribution Board	70028		1	1
Robotics Toolbox	70056		1	1
LED Light Tower	70113		1	1

Light Tower PCB Mount	70113PCBM		1	1
Fuse Pack for HCPDB	70128		1	1
Combination Wrench, 8mm	70139		1	1
Parsec Distance Sensor	70149		1	2
Cobra Line Follower Sensor V3	70150		1	1
Titan Quad Motor Controller	70152		1	1
Power Control Panel V2	70171		1	1
Control Panel Mount	70171CPM		1	1
Maverick Hex Planetary Gearbox Motor w/Encoder (19.2:1 Ratio Gearbox)	75001-192		1	4
Maverick Motor with Planetary Gearbox 26.9:1, Encoder, & 6mm Hex-Shaft	75001-269		1	2
Maverick Hex Planetary Gearbox Motor w/Encoder (50.9:1 Ratio gearbox)	75001-509		1	4
Maverick Motor with Planetary Gearbox 71.2:1, Encoder, & 6mm Hex-Shaft	75001-712		1	1
Maverick Motor with Planetary Gearbox 99.5:1, Encoder, & 6mm Hex-Shaft	75001-995		1	1
Servo Manager	75016		1	1
Cypher MAX Through Bore Encoder	75051		1	4
Battery Mount & Strap	76090		1	2
4 in 1 WS500 Screwdriver	90202		1	1

U-Channel & Extrusion

192mm T-Slot Extrusion	76125		2	2
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64mm T-Slot Extrusion	76129		1	8
Mounting Plates				
Robot Base Plate B(432mm x 336mm x 3mm)	73998		1	2
Robot Base Plate T(432mm x 336mm x 3mm)	73999		1	1
Clover Motor Mount	76137		1	6
6mm Hex Shaft Servo Hub	76149H		1	2
Axles, Slides, Rack & Pinion				
6mm x 35mm Hex-Shaft (6 pack)	76159H-6		6	1
6mm x 70mm Hex-Shaft (6 pack)	76160H-6		6	1
6mm x 96mm Hex-Shaft (6 pack)	76161H-6		6	1
6mm x 432mm Hex-Shaft (2 pack)	76162H-2		2	1
Rack & Pinion 6mm Hex Shaft Set (2 pack)	76170H		2	1
Screws & Nuts				
Removable Thread Locker	70011		1	1
M3 x 25mm Socket Head Cap Screw (pack of 50)	76214-50		50	1
M3 Stainless Steel Flat Washer (10 pack)	76217		10	5
M3 x 10mm Thread Locking Button Head Hex Drive Screw (10 pack)	76218		10	10
Gears, Sprockets, Pulleys, Belts				
10mm OD Round Groove Hex-Shaft Pulley	76234H		1	2

30mm OD Round Groove Hex-Shaft Pulley	76236H		1	2
5mm Urethane Round Belt x 3M long x 10% stretch	76400		1	1
20 Tooth GT2-6mm Timing Belt Hex-Shaft Pulley	76450H		1	2
40 Tooth GT2-6mm Timing Belt Hex-Shaft Pulley	76452H		1	2
GT2-6mm Smooth D-Shaft Idler Pulley, H Type, w/3mm Inner Bore Bearing	76455		1	2
GT2-6mm Timing Belt Clamp w/Set Screw	76456		1	4
GT2 Timing Belt, 2mm Pitch, 6mm width, 1000mm Open, (2 pack)	76464-2		2	1
13 and 26 Tooth Hex-Shaft Helical Bevel Gear Set	77223H		2	2
36 Tooth Hex-Shaft Helical Bevel Gear 1 to 1 Set	77224H		2	4
Wheels				
100mm Slim Mecanum Wheel Set (Bearing Rollers, 2 left, 2 right)	76246		4	1
38mm Omni Wheel - With 6mm HEX Insert	76259		1	4
100mm Drive Wheel - 50A - 25mm wide - 1/2" Inner Hex - Blue	76262		1	4
Bushings, Bearings, Coupling, Collars and Spacers				
6mm Hex Shaft Hub (4 pack)	76284H-4		4	2
Enhanced Wheel Hub Kit	76291H		1	4
6mm Hex Shaft Collar Clamp 2 Piece	76293H		1	4
3mm Pattern Spacer (10 pack)	76294-10		10	2
Clamping 6mm Hex Shaft Hub - V2	76295H		1	10

6mm Low Profile Hex-Shaft Clamping Hub	76296H		1	8
6mm Hex Shaft Face Bearing Block	76299H		1	8
6mm Hex-Shaft Flanged Bearing (12 pack)	76302H-12		12	2
6mm Hex Shaft Collar 12mm OD (6 pack)	76304H-6		6	2
6mm Hex Shaft Nylon Spacer 1mm (24 pack)	76305H-24		24	2
6mm Hex Shaft Nylon Spacer 2mm (24 pack)	76306H-24		24	2
6mm Hex Shaft Nylon Spacer 5mm (12 pack)	76307H-12		12	2
6mm Hex Shaft Nylon Spacer 20mm (6 pack)	76308H-6		6	2
6mm Hex Shaft Collar Clamp	76320H		1	4