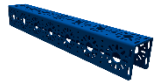


You can find training material, CAD files, support material, and software libraries needed to get started on our resources site at <https://www.studica.co/resources-4>

Parts List

Description	Part #	Image	Pack Cont's	In Kit
Electronics and Accessories				
12V 3,000 mAh NiMH Battery Pack, PP45	70018		1	2
NiMH Battery Pack Charger, PP45	70019		1	1
Robotics Toolbox	70056		1	1
Cobra Line Follower Sensor	70151		1	1
Titan Quad Motor Controller	70152		1	1
VMX Cable Pack	70160		1	1
Titan Cable Pack	70162		1	1
Power Control Panel	70170		1	1
VMX Robotics Controller	70176		1	1
Analog Module w/JST-SH to JST-GH Cable	70755		1	1

Maverick 12V DC Gear Motor w/Encoder	75001		1	4
Multi-Mode Smart Servo	75002		1	5
Smart Robot Servo Programmer	75003		1	1
Servo Power Block	75006		1	1
U-Channel				
432mm U-Channel	76010		1	2
336mm U-Channel	76012		1	6
288mm U-Channel (2 pack)	76013-2		2	6
144mm U-Channel (2 pack)	76016-2		2	2
96mm U-Channel (2 pack)	76017-2		2	2
48mm U-Channel (2 pack)	76018-2		2	4
288mm Low U-Channel (2 pack)	76028-2		2	1
Flat Brackets				
288mm x 40mm Flat Bracket (2 pack)	76061-2		2	1
192mm x 40mm Flat Bracket (2 pack)	76063-2		2	2
144mm x 40mm Flat Bracket (2 pack)	76064-2		2	2
96mm x 40mm Flat Bracket (2 pack)	76065-2		2	4
192mm x 96mm Flat Bracket (2 pack)	76066-2		2	2
Irregular Brackets				
120 Degree Bracket (2 pack)	76080-2		2	5

90 Degree Bracket (2 pack)	76081-2		2	2
T Bracket (2 pack)	76084-2		2	1
X Bracket (2 pack)	76085-2		2	1
Inside U Bracket (2 pack)	76086-2		2	5
L Bracket (2 pack)	76087-2		2	5
Inside L Bracket (2 pack)	76089-2		2	4
Mounting Plates				
Motor Mount Plate	76140		1	4
Motor Mount Clamp Kit	76141		1	4
End Piece Plate (2 pack)	76143-2		2	5
Servo Standard Front Mount	76144		1	3
Servo Mount Flat Plate	76145		1	1
Servo Mount Offset Plate	76146		1	1
Servo Horn 25T	76148		1	5
6mm D-Shaft Servo Hub 25T	76149		1	8
Axles, Slides, Rack & Pinion				
6mm x 96mm D-Shaft (6 pack)	76161-6		6	1
6mm x 432mm D-Shaft (2 pack)	76162-2		2	1
Rack & Pinion Set	76170-2		2	1
Standoffs				

42mm Standoff (12 pack)	76180-12		12	1
48mm Standoff (12 pack)	76181-12		12	1
25mm Standoff (12 pack)	76182-12		12	1
Gears, Sprockets, Pulleys, Belts				
30 Tooth Bevel Gear 1-to-1 Set (2 pack)	76219-2		2	2
32 Tooth Gear (2 pack)	76220-2		2	2
64 Tooth Gear (2 pack)	76221-2		2	2
13 Tooth Bevel Gear, 6mm D-Shaft (2 pack)	76223-2		2	2
26 Tooth Bevel Gear (2 pack)	76224-2		2	2
24 Tooth - Sprocket (2 pack)	76226-2		2	1
32 Tooth Sprocket (2 pack)	76227-2		2	1
6mm Timing Pulley, 10 Tooth (2 pack)	76232-2		2	1
10mm Timing Belt (1 meter)	76233		1	1
Wheels				
100mm Omni Wheel	76272		1	4
Bushings, Bearings, Coupling, Collars and Spacers				
6mm Shaft Hub (4 pack)	76284-4		4	4
Enhanced Wheel D-Shaft Hub	76291		1	4
Bushing Bronze 6mm ID x 8mm OD (12 pack)	76300-12		12	1
Bushing Bronze 6mm ID x 14mm OD (12 pack)	76301-12		12	1
Flange Bearing 6mm ID, 14mm OD, 15mm Flange (12 pack)	76302		12	2

Collar 6mm ID D-Shaft, 12mm OD (6 pack)	76304-6		6	2
Shaft Spacer Plastic 6mm ID x 10mm OD x 1mm L (24 pack)	76305-24		24	1
Shaft Spacer Plastic 6mm ID x 10mm OD x 2mm L (24 pack)	76306-24		24	1
Shaft Spacer Plastic 6mm ID x 10mm OD x 5mm L (12 pack)	76307-12		12	1