

FTC Starter Kit V3



Visual Kit Contents List

Structure			
Name	Part Number	Qty.	Image
15mm Plastic Motion Bracket	REV-41-1303	16	
15mm Plastic Rod End Bracket	REV-41-1304	8	
15mm Plastic 90 Degree Bracket	REV-41-1305	32	
15mm Plastic 60 Degree Bracket	REV-41-1306	8	
15mm Plastic 45 Degree Bracket	REV-41-1307	8	
15mm Plastic 30 Degree Bracket	REV-41-1308	8	
15mm Plastic 120 Degree Bracket	REV-41-1311	6	
15mm Plastic Indexable Motion Bracket	REV-41-1313	4	
15mm Gearbox Motion Bracket	REV-41-1315	4	

15mm Plastic Variable Angle Bracket	REV-41-1318	4	
15mm Plastic Servo Bracket	REV-41-1319	2	
15mm Plastic Inside Corner Bracket	REV-41-1320	32	
15mm Plastic Lap Corner Bracket	REV-41-1321	16	
15mm Extrusion, 150mm - 45° Ends	REV-41-1430	4	
15mm Extrusion, 225mm - 90° Ends	REV-41-1431	8	
15mm Extrusion, 420mm - 90° Ends	REV-41-1432	16	
15mm Metal Bent Core Hex Motor Bracket V2	REV-41-1433	4	
15mm Metal Bent Servo Bracket V2	REV-41-1485	4	
450mm x 300mm x 4mm Corrugated Plastic Sheet	REV-41-1839	2	

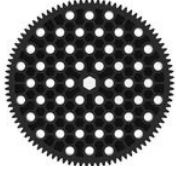



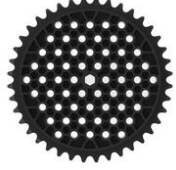




15mm Metal 90 Degree Bracket V2	REV-41-1480	16	
M3 Standoff, 40mm	REV-41-1492	8	
Ultraplanetary Outside Mounting Bracket	REV-41-1621	4	
Ultraplanetary Bent Mounting Bracket	REV-41-1623	4	
U Channel Endcap	REV-41-1687	4	
45mm x 15mm C Channel, 408mm	REV-41-1762	4	
45mm x 15mm C Channel, 248mm	REV-41-1767	2	

Hardware and Tools









Name	Part Number	Qty.	Image
5.5mm Nut Driver	REV-41-1119	1	
M3 x 35mm Hex Cap Screws	REV-41-1125	50	

Zipties, Black, 160mm	REV-41-1161	50	
Surgical Tubing, 3mm	REV-41-1163	1	
M3 x 8mm Hex Cap Screws	REV-41-1359	200	
M3 x 16mm Hex Cap Screws	REV-41-1360	100	
M3 Nyloc Nuts	REV-41-1361	300	
5.5mm Combination Wrench	REV-41-1374	1	
#25 Chain Tool	REV-41-1442	1	
M3 x 8mm T-Slot Screws	REV-41-1907	50	
Allen Wrench Kit	REV-45-1882	1	




Transmitting and Transforming Motion			
Name	Part Number	Qty.	Image
High Strength Hex Hub	REV-41-1147	8	
15mm Hex Pillow Block	REV-41-1316	4	
Servo Shaft Adapter	REV-41-1328	4	
15 Tooth Gear	REV-41-1331	8	
30 Tooth Gear	REV-41-1332	4	
125 Tooth Gear	REV-41-1333	2	
45 Tooth Gear	REV-41-1334	4	
60 Tooth Gear	REV-41-1335	8	
72 Tooth Gear	REV-41-1336	4	

90 Tooth Gear	REV-41-1337	6	
10 Tooth #25 Sprocket	REV-41-1338	8	
15 Tooth #25 Sprocket	REV-41-1339	4	
20 Tooth #25 Sprocket	REV-41-1340	4	
40 Tooth #25 Sprocket	REV-41-1343	2	
5mm X 75mm Hex Shaft	REV-41-1347	12	
5mm X 90mm Hex Shaft	REV-41-1348	8	
5mm X 135mm Hex Shaft	REV-41-1349	4	
5mm X 400mm Hex Shaft	REV-41-1362	4	

#25 Roller Chain, 10 Ft	REV-41-1365	1	
#25 Master Links	REV-41-1366	5	
Tensioning Bushing, 39mm	REV-41-1702	8	
Servo Gear Adapter	REV-41-1364	4	
Supporting Motion			
Name	Part Number	Qty.	Image
15mm Bearing Pillow Block	REV-41-1317	32	
End Cap Bearing	REV-41-1322	32	
Through Bore Bearing, Short	REV-41-1326	24	
Through Bore Bearing, Long	REV-41-1329	24	
Motion Pattern Spacer	REV-41-1846	8	

Constraining Motion			
Name	Part Number	Qty.	Image
15mm Spacer	REV-41-1323	24	
3mm Spacer	REV-41-1324	48	
1.5mm Spacers	REV-41-1325	28	
Shaft Collars	REV-41-1327	40	
Control System			
Name	Part Number	Qty.	Image
Battery Charger	REV-31-1299	1	
36" PWM Cable	REV-11-1130	4	
12V Slim Battery	REV-31-1302	1	
Battery Holder Plate	REV-41-1166	2	

Drivetrain Types			
Name	Part Number	Qty.	Image
90mm Omni Wheel	REV-41-1190	2	
90mm Grip Wheel	REV-41-1267	4	
30mm Traction Wheel	REV-41-1353	4	
90mm Traction Wheel	REV-41-1354	2	
Actuators			
Name	Part Number	Qty.	Image
Core Hex Motor	REV-41-1300	2	
Ultr planetary Gearbox Kit & HD Hex Motor	REV-41-1600	2	
SRS Programmer	REV-31-1108	1	
Smart Robot Servo	REV-41-1097	4	

Aluminum Double Servo Arm	REV-41-1820	2	
Aluminum Servo Horn	REV-41-1828	2	
Packaging			
Name	Part Number	Qty.	Image
Plastic Storage Bin	N/A	1	
FTC Starter Kit Guide	N/A	1	