






# FTC Starter Kit 2024-2025 - #70408



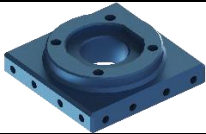
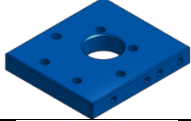

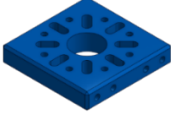
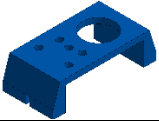
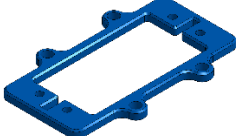


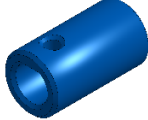


Name	Part #	Qty	Image
<b>Electronics &amp; Accessories</b>			
Zip Ties, Blue, 150mm (100 pack)	70010	1	
12V 3000mAh Battery PP45 ARES	70025	1	
NiMH Battery Pack Charger PP45 ARES	70026	1	
Toolbox in Black	70056	1	
2.5mm Hex Driver	70142	1	
Hex Key Metric 7 Piece Set	70144-7	1	
5.5mm Wrench	70145	1	
NeveRest 50.9:1 Orbital Gearmotor	am-4609b	2	
NeveRest Classic 40	am-2964b	2	


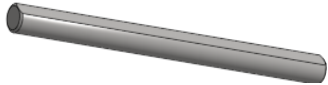
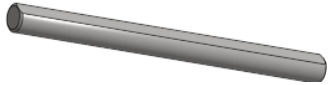

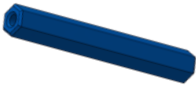
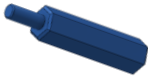
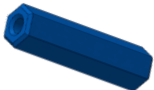





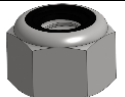

NeveRest Motor REV Expansion Hub Encoder Cable	am-3926a	4	
On/Off Power Switch Kit	70182	1	
XT30 Female to PP45 Cable	70195	1	
Multi-Mode Smart Servo	75002	2	
Smart Servo Programmer	75003	1	
AA Battery Holder	75004	1	
Multi-Mode Smart Servo 200	75007	2	
Rubber Grommet (10 pack)	76504	1	
U-Channel Bumper (4 pack)	76505	1	
Rubber Foot (4 pack)	76506	1	



U-Channel			
432mm U-Channel	76010	2	
384mm U-Channel	76011	1	
288mm U-Channel (2 pack)	76013-2	1	
240mm U-Channel	76014	2	
192mm U-Channel	76015	2	
96mm U-Channel (2 pack)	76017-2	1	
48mm U-Channel (2 pack)	76018-2	2	
Flat Beams			
288mm Flat Beam (2 pack)	76043-2	1	
144mm Flat Beam	76046	2	
96mm Flat Beam (2 pack)	76047-2	1	
L Beams			
96mm L-Beam	76117	2	

Square Beams			
288mm Square Beam	76103	2	
144mm Square Beam	76106	2	
48mm Square Beam	76108	2	
Flat Brackets			
288mm x 40mm Flat Bracket (2 pack)	76061-2	1	
144mm x 40mm Flat Bracket (2 pack)	76064-2	1	
96mm x 40mm Flat Bracket (2 pack)	76065-2	1	
192mm x 96mm Flat Bracket (2 pack)	76066-2	1	
Irregular Brackets			
96mm Adjustable Flat Bracket (2 pack)	76083-2	1	
Inside U Bracket (2 pack)	76086-2	2	
L Bracket (2 pack)	76087-2	2	
Inside L Bracket (2 pack)	76089-2	3	
Battery Clip (2 pack)	76088-2	1	

### Mounting Plates and Servo Attachments

Orbital Mount Plate	76138	2	
Motor Mount Plate	76140	2	
Motor Mount Clamp Kit	76141	2	
End Piece Plate (2 pack)	76143-2	3	
Servo Standard Front Mount	76144	1	
Servo Mount Flat Plate	76145	2	
Servo Mount Offset Plate	76146	3	
Servo Horn 25T	76148	3	
6mm D-Shaft Servo Hub 25T	76149	2	
Servo Arm	76151	2	
Servo Hub Pro	76152	1	

Axles			
6mm x 70mm D-Shaft (6 pack)	76160-6	1	
6mm x 96mm D-Shaft (6 pack)	76161-6	1	
6mm x 432mm D-Shaft (2 pack)	76162-6	1	
6mm x 140mm D-Shaft (6 pack)	76164-6	1	
Standoffs			
42mm Standoff (12 pack)	76180-12	1	
25mm Male to Female Standoff (12 pack)	76184-12	1	
25mm Standoff (12 pack)	76182-12	1	
Screws and Nuts			
M3 x 8mm Socket Head Cap Screw (pack of 100)	76200-100	2	
M3 x 10mm Socket Head Cap Screw (pack of 100)	76201-100	2	
M3 x 12mm Socket Head Cap Screw (pack of 100)	76202-100	1	
M3 x 10mm Button Head Cap Screw (pack of 50)	76203-50	2	
M3 Kep Nut(pack of 100)	76204-100	2	
M3 Nyloc Nut (pack of 100)	76205-100	2	
M3 x 30mm Socket Head Cap Screw (50 pack)	76206-50	1	

M3 x 20mm Socket Head Cap Screw (pack of 50)	76209-50	1	
M3 x 25mm Socket Head Cap Screw (pack of 50)	76214-50	1	
<b>Gears, Pulleys, and Belts</b>			
32 Tooth Gear (2 pack)	76220	1	
64 Tooth Gear (2 pack)	76221	1	
30 Tooth D-Shaft Bevel Gear 1 to 1 Set	76219-2	2	
<b>Wheels</b>			
100mm Drive Wheel	76262	4	
100mm Omni Wheel	76272	2	
<b>Bushings, Bearings, Coupling, Collars and Spacers</b>			
Intake Hub Kit D-Shaft	70210	1	
Clamping Shaft Hub V2	76280	6	
6mm Shaft Hub (4 pack)	76284-4	1	
Enhanced Wheel Hub Kit	76291	2	
6mm D-Shaft Low Profile Clamping Hub	76292	2	
3mm Pattern Spacer (10 pack)	76294-10	1	

Face Bearing Block	76299	2	
14mm Flange Bearing (12 pack)	76302-12	2	
Coupling 6mm ID D-Shaft, 12mm OD (2 pack)	76303-2	1	
Collar (6 pack)	76304-6	1	
1mm Shaft Spacer (24 pack)	76305-24	1	
2mm Shaft Spacer (24 pack)	76306-24	1	
5mm Shaft Spacer (12 pack)	76307-12	1	
20mm Shaft Spacer (6 pack)	76308-6	1	
1mm Thick 3M Screw Spacer (25 pack)	76309-25	1	
2mm Thick 3M Screw Spacer (25 pack)	76310-25	1	
Collar Clamp	76320	8	
Silicone Rubber Tubing	76410	1	