

Overlander-4 All-Terrain Robot Platform (25lb Payload, 3.8mph)

Bill of Materials

SKU	QTY	PRODUCT NAME
5027103001	1	Wera Tools 2.5mm Ball-End Hex-Plus L-Key
5027104001	1	Wera Tools 3mm Ball End Hex-Plus L-Key
1131-0024-0001	2	2.4mm Acetal Plastic Chain Slider for 3209-0013-0001
1131-0132-0005	2	3.2mm ABS Plastic Wire Plate for 3209-0013-0001
1131-0132-0006	1	3.2mm ABS Plastic Switch Mount for 3209-0013-0001
1131-0160-0011	1	6.0mm ABS Plastic Top Plate for 3209-0013-0001
1131-0160-0012	1	6.0mm ABS Plastic Door for 3209-0013-0001
1131-0160-0013	2	6.0mm ABS Plastic Inside Plate for 3209-0013-0001
1131-0160-0014	1	6.0mm ABS Plastic Outside Left Plate for 3209-0013-0001
1131-0160-0015	1	6.0mm ABS Plastic Outside Right Plate for 3209-0013-0001
1131-0160-0016	2	6.0mm ABS Plastic Front Plate for 3209-0013-0001
1131-0160-0017	2	6.0mm ABS Plastic Motor Strap for 3209-0013-0001
1131-0160-0018	1	6.0mm ABS Plastic Bottom Plate for 3209-0013-0001
1131-0160-0019	2	6.0mm ABS Plastic Twist-Lock Top for 3209-0013-0001
1131-0160-0020	2	6.0mm ABS Plastic Twist-Lock Bottom for 3209-0013-0001
1131-0160-0021	1	6.0mm ABS Plastic Smart Dock Spacer for 3209-0013-0001
1131-0160-0074	1	6.0mm ABS Plastic Door Handle for 3209-0013-0001
1310-0016-4008	4	1310 Series Hyper Hub (8mm REX™ Bore)
1522-0010-0080	1	1522 Series 8mm ID Spacer (10mm OD, 8mm Length) - 4 Pack
1522-0010-0120	1	1522 Series 8mm ID Spacer (10mm OD, 12mm Length) - 4 Pack
1531-0032-0020	3	Steel Pattern Spacer (14mm Bore, 32mm OD, 2mm Thickness) - 2 Pack
1627-0722-0008	6	8mm ID Flanged Ball Bearing (Sealed, 22mm OD, 7mm Thickness)
2106-4008-0880	2	8mm REX™ Shaft with E-Clip (Stainless Steel, 88mm Length)
2800-0004-0016	1	M4 x 0.7mm Zinc-Plated Socket Head Screw (16mm Length) - 25 Pack
2800-0004-0025	1	M4 x 0.7mm Zinc-Plated Socket Head Screw (25mm Length) - 25 Pack
2812-0004-0007	1	M4 x 0.7mm Zinc-Plated Steel Nylon-Insert Locknut - 25pk
2815-0004-0016	1	Zinc-Plated Steel Thread-Forming Socket Head Screw (M4 x 16mm Length) - 25 Pack
2821-0008-0500	3	#8 x 1/2" Truss Head Thread-Forming Screw - 25 Pack
2822-0004-0014	1	Premium M4 Socket Head Thread-Locking Screw (14mm Length) - 25 Pack
2902-0003-0001	1	Plastic Hinge - 2 Pack
2927-0014-0001	3	32mm Pattern Debris-Shield (Ø14mm Barb for 6mm Thick Material) - 6 Pack
3100-1020-0001	1	20V, 6Ah Li-ion Battery with LCD Capacity Meter
3101-1020-0001	1	20V Li-ion Battery Charger (DEWALT® 20V MAX Compatible)
3103-0004-0002	1	Auxiliary Switch for goBILDA® Smart Dock
3104-0020-0001	1	goBILDA® Smart Dock for 20V Battery (DEWALT® 20V MAX Compatible)
3105-0101-0015	2	1x15A Motor Controller
3113-2006-0001	1	Element-6 Radio Control System (Mode 2)
3120-0150-0105	1	AA Alkaline Battery - 5 Pack
3307-4008-0010	4	3307 Series 8mm Pitch Steel Set Screw Sprocket (8mm REX™ Bore, 10 Tooth)
3315-0008-0070	2	8mm Pitch Steel Chain Loop (70 Links, 560mm Pitch Length)
3616-0014-0144	4	Wasteland Wheel (144mm Diameter, 52mm Width)
3805-4002-0150	1	(1) XT90 to (3) XT30 Y-Harness (Single FH-MC XT90 to Triple MH-FC XT30, 150mm Length)
4206-0070-0001	1	7mm Combination Nut Driver
4208-0001-0002	1	#2 x 4" Length Phillips Head Screwdriver
5304-8002-0071	2	5304 Series Saturn Planetary Gear Motor (71.2:1 Ratio, 80mm Length 8mm REX™ Shaft, 260 RPM, 3.3 - 5V Encoder)