

Beetle BOM

Part Number	Description	Quantity	Units	Comments
	Front frame	1	PCs	Printable part
	Claw pincer servo	1	PCs	Printable part
	Claw pincer idler	1	PCs	Printable part
	Claw miniservo box	1	PCs	Printable part
	Frame rear servos	1	PCs	Printable part
	Battery pack holder	1	PCs	Printable part
	battery pack clip	1	PCs	Printable part
	Front wheel	2	PCs	Printable part
	Rear wheel	2	PCs	Printable part
	Servo screw cover	4	PCs	Printable part
	M3x10 ISO4762 bolt	7	PCs	
	M3x12 ISO4762 bolt	1	PCs	Claw pincer idler shaft
	M3x16 ISO4762 bolt	8	PCs	Attaching rear Servos
	M3x25 ISO476 bolt	2	PCs	Front wheel shafts
	M3x35 ISO476 bolt	2	PCs	
	M3 nuts	17	PCs	
	M3 Nylock nut	3	PCs	
	Servo SM-S4303R	2	PCs	
	Miniservo ES08A	1	PCs	For Claw pincer
	Octopus IR sensors	2	PCs	
	Octopus LDR sensors	2	PCs	
	O-ring Ø3 section, Ø85	4	PCs	
	Battery pack holder	1	PCs	For 8 AAA batteries
	AAA batteries	8	PCs	
	Freaduino uno board	1	PCs	