


									\$6,650.42		
Part Number	Part Name	Desc	Subassembl	#	Qty	Note	☰ Make/Buy	Cost	Link	Status	
	AL1_Housing		Arm		2		Make				
	AL1_Brackets		Arm		4		Make				
	AL1_RearRetain		Arm		2		Make				
	AJ2_Spacer		Arm		2		Make				
	AL2		Arm		2		Make				
	AL3_Housing		Arm		2		Make				
	AL3_Cover		Arm		2		Make				
	AL3_Plate		Arm		4		Make				
	AL4		Arm		2		Make				
	ALink5_basic		Arm		2		Make				
	AJ4_Spacer		Arm		2		Make				
	Hex socket head cap screw M4x0.70 x 30 Stainless Steel		Fast...		61		Buy	\$0.16	https://www.mscdire		
	Cup point hex socket set screw M4x0.7 x 8 Stainless Steel		Fast...		4		Buy	\$0.22	https://www.mcmast		
	Hex socket head cap screw M4x0.70 x 25 Stainless Steel		Fast...		16		Buy	\$0.14	https://www.mcmast		
	Hex socket head cap screw M8x1.25 x 65 Stainless Steel		Fast...		22		Buy	\$1.09	https://www.mscdire		
	Chamfered plain washer normal M8 Stainless Steel		Fast...		32		Buy	\$0.13	https://www.mscdire		
	Hex nut grade C M8x1.25 Stainless Steel		Fast...		16		Buy	\$0.21	https://www.mscdire		
	Socket button head screw M4x0.7 x 12 Stainless Steel		Fast...		38		Buy	\$0.19	https://www.mscdire		
	Socket button head screw M4x0.7 x 25 Stainless Steel		Fast...		46		Buy	\$0.52	https://www.mscdire		
	Hex socket head cap screw M5x0.80 x 25 Stainless Steel		Fast...		30		Buy	\$0.33	https://www.mscdire		
	Hex socket head cap screw M8x1.25 x 40 Stainless Steel		Fast...		12		Buy	\$1.01	https://www.mcmast		
	Hex socket head cap screw M5x0.80 x 45 Stainless Steel		Fast...		12		Buy	\$0.33	https://www.mcmast		
	91290A652_NO THREADS_Alloy Steel Socket Head Screw		Fast...		8		Buy	\$3.32	https://www.mcmast		
	Chamfered plain washer normal M12 Stainless Steel		Fast...		16		Buy	\$0.57	https://www.mscdire		
	Hex nut grade C M12x1.75 Stainless Steel		Fast...		8		Buy	\$0.47	https://www.mscdire		
	Hex socket head cap screw M6x1.00 x 22 Stainless Steel		Fast...		12		Buy	\$0.22	https://www.mscdire		
	Hex socket countersunk head screw M4x0.7 x 16 Stainless Steel		Fast...		12		Buy	\$0.08	https://www.mcmast		
	Hex socket countersunk head screw M4x0.7 x 25 Stainless Steel		Fast...		16		Buy	\$0.11	https://www.mcmast		
	98455A169_Internal Retaining Ring		Fast...		4		Buy	\$0.52	https://www.mcmast		
	Cup point hex socket set screw M4x0.7 x 6 Stainless Steel		Fast...		2		Buy	\$0.09	https://www.mcmast		
	Hex socket head cap screw M3x0.50 x 20 Stainless Steel		Fast...		12		Buy	\$0.08	https://www.mcmast		
	Hex socket head cap screw M4x0.70 x 12 Stainless Steel		Fast...		24		Buy	\$0.09	https://www.mcmast		
	Hex socket head cap screw M4x0.70 x 40 Stainless Steel		Fast...		8		Buy	\$0.17	https://www.mcmast		
	90119A121_Low-Clearance External Retaining Rings		Foot		0		Buy	\$14.63	https://www.mcmast		
5-170X	Foot Ujoint		Foot		2		Buy	\$19.00	https://www.summitr		
W608	SKF Bearing		Gen		16		Buy	\$0.35	https://www.amazon		
	91595A555_Dowel Pin		Gen		4		Buy	\$0.88	https://www.mcmast		
	Hex socket head cap screw M10x1.50 x 40 Stainless Steel		Gen		8		Buy	\$0.40	https://www.mscdire		
	skf_bearing_6004-2rsl_2_1		Gen		6		Buy	\$2.25	https://www.amazon		
1078N139	Pitch_Threaded_Rod	1078N139_Clk	Leg		1	cut to size	Buy	\$8.00	https://www.mcmast		
1078N141	Roll_Threaded_Rod	1078N141_Clk	Leg		1	cut to size	Buy	\$9.14	https://www.mcmast		
2458K635	Heim Joint	2458K635_Lul	Leg		8		Buy	\$27.50	https://www.mcmast		
91595A897	Knee Pin		Leg		2		Buy	\$18.00	https://www.mcmast		
92735A133	Clevis Pin	92735A133_C	Leg		12		Buy	\$1.08	https://www.mcmast		
	40T10_18-2		Leg		2		Buy	\$25.33	https://www.bbman.c		
	40T10_48-0		Leg		2		Buy	\$102.22	https://www.bbman.c		
	93657A546_Nylon Unthreaded Spacer		Leg		8		Buy	\$3.90	https://www.mcmast		
	LL1_Housing		Leg		2		Make				
	LL1_BearingMount		Leg		2		Make				
	LL1_Bracket2		Leg		2		Make				
	LL1_Bracket1		Leg		2		Make				
	LL2		Leg		2		Make				
	LL3		Leg		2		Make				
	LL4		Leg		2		Make				
	LL5		Leg		2		Make				
	J5_Spacer		Leg		2		Make				
	LL3_Flange		Leg		2		Make				

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Part Number	Part Name	Desc	Subassembl	#	Qty	Note	 Make/Buy	Cost	Link	Status
	Ankle 1		<div>Leg</div>		4		<div>Make</div>			
	Foot		<div>Leg</div>		2		<div>Make</div>			
	Ankle_pitch		<div>Leg</div>		2		<div>Make</div>			
	Ankle_roll		<div>Leg</div>		2		<div>Make</div>			
	Pitch_Input		<div>Leg</div>		2		<div>Make</div>			
	Roll_Input		<div>Leg</div>		2		<div>Make</div>			
	Belt - T10 x 25mm Timing Belt		<div>Leg</div>		2		<div>Buy</div>	\$29.00	https://maedlernorthi	
	RS04		<div>Motor</div>		13		<div>Buy</div>	\$280.00	https://robstride.com	
	RS03		<div>Motor</div>		6		<div>Buy</div>	\$250.00	https://robstride.com	
	RS02		<div>Motor</div>		4		<div>Buy</div>	\$160.00	https://robstride.com	
	96445K215_Belleville Disc Spring		<div>Ten...</div>		60		<div>Buy</div>	\$0.21	https://www.mcmast	
	98942A226_NO THREADS_Grade B7 Medium-Strength Steel Threaded Rod		<div>Ten...</div>		1	cut to size	<div>Buy</div>	\$10.41	https://www.mcmast	
	Hex nut grade C M5x0.8 Stainless Steel		<div>Ten...</div>		8		<div>Buy</div>	\$0.05	https://www.mscdire	
	Tensioner_Pin		<div>Ten...</div>		4		<div>Make</div>			
	Tensioner_Slide		<div>Ten...</div>		8		<div>Make</div>			
	Tensioner_Spacer		<div>Ten...</div>		8		<div>Make</div>			
	Battery		<div>Trunk</div>		1		<div>Buy</div>			
	Front Plate Main Structure		<div>Trunk</div>		1		<div>Make</div>			
	Back Plate Main Structure		<div>Trunk</div>		1		<div>Make</div>			
	HipPlateFront		<div>Trunk</div>		2		<div>Make</div>			
	RS04TrunkMountLeft		<div>Trunk</div>		5		<div>Make</div>			
	Bottom Battery Retainer		<div>Trunk</div>		2		<div>Make</div>			
	Battery Side Wall		<div>Trunk</div>		2		<div>Make</div>			
	RS04 Hip to Trunk Mount		<div>Trunk</div>		1		<div>Make</div>			