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ITEM NO.	PART NUMBER	MASS - GRAMS	QTY.	PRICE
1	motor cap L	45.3 g	1	\$0.91
2	MOTOR	N/A	2	N/A
3	motor mount L	68 g	1	\$1.36
4	chassy	54.4 g	1	\$1.09
5	Transem connector	77 g	1	\$1.54
6	motor cap R	45.3 g	1	\$0.91
7	motor mount R	68 g	1	\$1.36
8	Scoop	313 g	1	\$6.26
9	Arm	9 g	2	\$0.36
10	rod	N/A	1	\$0.00
11	winch	N/A	1	N/A
12	80T Gear	77 g	2	\$3.08
13	16T Geqar	4 g	2	\$0.16
14	Rover Bucket Rake	18.14 g	1	\$0.36
15	servo mount L	231 g	1	\$4.62
16	Planet Drive Gear	272.2 g	2	\$10.89
17	Chassis	54.4 g	1	\$1.09
18	Speocket x 6	9 g	6	\$1.08
19	servo mount R	231 g	1	\$4.62

Exploded view diagram of a rover assembly. The diagram shows various components including a chassis, motor mounts, gears, a winch, a scoop, and servo mounts, all numbered 1 through 19 to correspond with the BOM table.

TOTAL MASS: 1,986.34 g

TOTAL PRICE FOR ALL 3D PRINTED COMPONENTS: \$39.73

		UNLESS OTHERWISE SPECIFIED:	NAME		DATE
		DIMENSIONS ARE IN INCHES	DRAWN	DTG	5-16-26
		TOLERANCES:	CHECKED		
		FRACTIONAL ±	ENG APPR.		
		ANGULAR: MACH ±	MFG APPR.		
		BEND ±	Q.A.		
		TWO PLACE DECIMAL ±	COMMENTS: ACCUMULATED PRICE & MASS OF 3D PRINTS.		
		THREE PLACE DECIMAL ±			
		INTERPRET GEOMETRIC TOLERANCING PER:			
		MATERIAL	PLA		
		FINISH			
NEXT ASSY	USED ON				
APPLICATION		DO NOT SCALE DRAWING			

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TITLE:

B.O.M

3D PRINTS

SIZE	DWG. NO.	REV
B	B_O_M_assmeby rover	

SCALE: 1:8 WEIGHT: SHEET 1 OF 1

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