3D Printed WALL-E *List of Parts*

#	Name	Quantity	
	3D Printed Components		
	Body		
1	body-bottom	1	
2	body-back	1	
3	body-front	1	
4	body-front-door	1	
5	body-front-pins-x2	2	
6	body-left	1	
7	body-right	1	
8	body-top	1	
9	body-neck-servo-holder	1	
	Arms		
10	arm-servo-bracket-left	1	
11	arm-servo-bracket-right	1	
12	arm-hinge-inner-x2	2	
13	arm-hinge-outer-x2	2	
14	arm-hinge-axle-x2	2	
15	arm-barrel-x2	2	
16	arm-barrel-end-x2	2	
17	arm-piston-x2	2	
18	hand-bracket-x2	2	
19	hand-axle-x2	2	
20	hand-finger-left-x2	2	
21	hand-finger-right-x2	2	
22	hand-finger-middle-x2	2	
	Head		
23	head-center	1	
24	head-axle	1	
25	eye-back-left	1	
26	eye-back-right	1	
27	eye-middle-left	1	
28	eye-middle-right	1	
29	eye-front-left	1	
30	eye-front-right	1	
31	eye-camera-replica	2	
32	eye-camera-mount	0	<- Use this instead of eye-camera-replica if you want to add a real camera
	Neck		
33	neck-bottom-axle	1	
34	neck-bottom-left	1	
35	neck-bottom-linkage	1	
36	neck-bottom-right	1	
37	neck-middle-axle	1	
38	neck-top	1	
39	neck-round-bottom	1	

40	neck-round-top-left	1
41	neck-round-top-right	1
42	neck-wire-guide-left	1
43	neck-wire-guide-right	1
44	neck-top-linkage	1

Wheels		
45	wheel-back-x4	4
46	wheel-front-x4	4
47	wheel-top-x8	8
48	wheel-gear-driven-x2	2
49	wheel-gear-motor-x2	2
50	wheel-axle-notched-x6	6
51	wheel-axle-back-x2	2
52	wheel-axle-spacer-x8	8
53	wheel-frame-left	1
54	wheel-frame-right	1
55	wheel-frame-addon-x2	2
56	wheel-bracket-inner-left	1
57	wheel-bracket-inner-right	1
58	wheel-bracket-outer-left	1
59	wheel-bracket-outer-right	1

Tanks Treads		
60	tread-plate-x70	70
61	tread-pin-x140	140

	Total	310

Hardware		
h1	linkage bar (paper clip)	2
h2	M3 Bolt - 10mm length	14
h3	M3 Bolt - 20mm length	12
h4	M3 Nut	26

Electronics		
e1	Micro Servo Motor	7
e2	12v Geared DC Motor	2
e3	Arduino Uno (or equivalent)	1
e4	Motor Controller Shield	1
e5	i2c Servo Controller	1
e6	12v Battery Pack	1
e7	12V to 5V Buck Converter	1
e8	Raspberry Pi	1	Optional
e9	5v Battery Pack	1
e10	USB Camera	1
e11	Small Speaker	1