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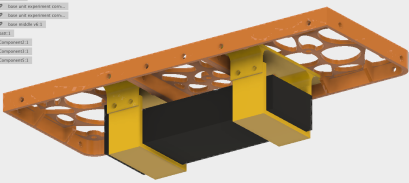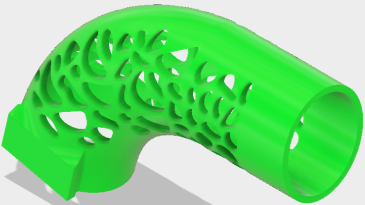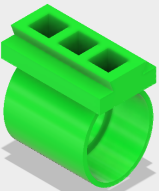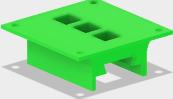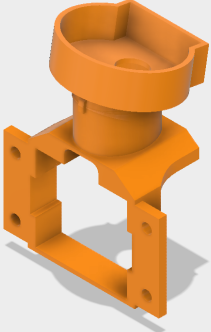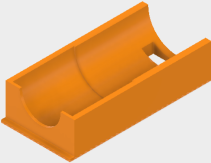| item	qty	file	instructions
Base			
Base middle	2	base/base_middle.stl	
Base motor	2	base/base_motors.stl	
Base flag post	1	base/base_flag.stl	
Base corner	4	base/base_corner.stl	
Sensor attachments	2	base/ultrasonic_sensor_holder.stl	print one, and print the other mirrored

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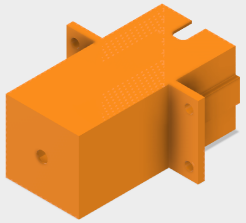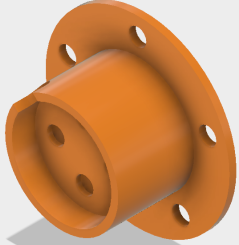|	item	qty	file	instructions
	Super bright led attachment	2	base/led_attachment.stl	
	Flag post connector	3	base/flag_adapter.stl	has to be printed on a 30 degree angle with supports as to avoid layer delamination if the robot falls backwards onto the flag post
	Battery holder mount	2	base/batt_mount.stl	print one, and print the other mirrored
	Battery holder pieces	2	base/batt_holder.stl	
Drive System				
	Struts	4	drive system/strut.stl	print two, and then print the other two mirrored
	Strut attachment pieces	2	drive system/strut_attachment.stl	

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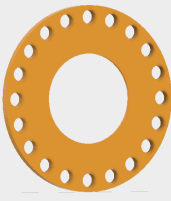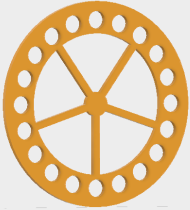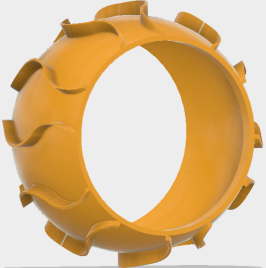|	item	qty	file	instructions
	Mounts	2	drive system/mount.stl	
	Dovetail key	2	drive system/dovetail_key.stl	
	Motor mounts	4	drive system/motor_mount.stl	
	Motor casing	8	drive system/motor_casing.stl	

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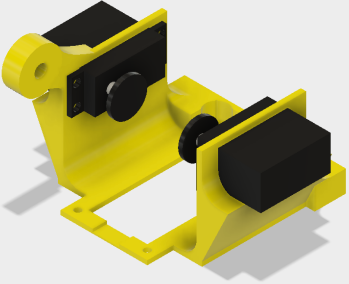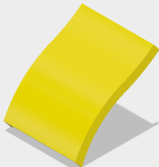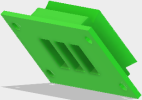|	item	qty	file	instructions
	Motor enclosure	4	drive system/motor_enclosure.stl	print with outer supports
	Enclosure back	4	drive system/enclosure_back.stl	
	Hub attachment	4	drive system/hub_attachment.stl	print on 30 degree angle with supports
	Inner wheel casing	4	drive system/inner_case.stl	

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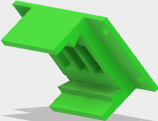|	item	qty	file	instructions
	Flexible suspension	4	drive system/flexible_piece.stl	TPU material, 3 perimeters, 30% infill
	Outer wheel casing	4	drive system/outer_case.stl	
	Wheel	4	drive system/wheel.stl	print without supports
Arm				
	Mount	1	arm/mount.stl	print with supports

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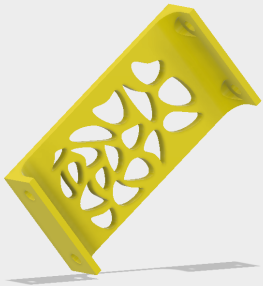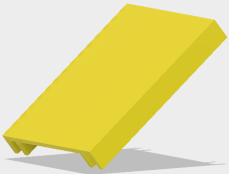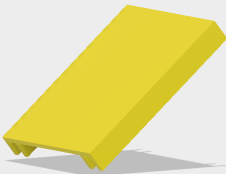|	item	qty	file	instructions
	Servo arms	2	arm/servo_arm.stl	print one, and print the other mirrored
	First stage cover	1	arm/first_stage_cover.stl	print with supports
	Dovetail M	1	arm/dovetail_m.stl	
	Dovetail F	1	arm/dovetail_f.stl	

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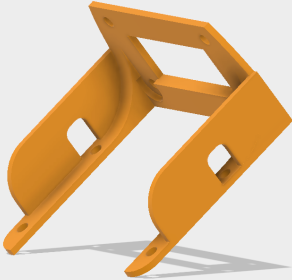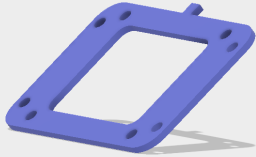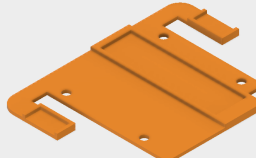|	item	qty	file	instructions
	Dovetail key	1	arm/dovetail_key.stl	print with supports
	Second stage arms	2	arm/stage_arms.stl	print one, and print the other mirrored
	Stage connector piece	1	arm/stage_connector.stl	
	Stage cover	1	arm/stage_cover.stl	

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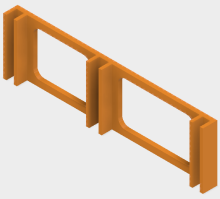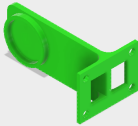|	item	qty	file	instructions
	Third stage arms	2	arm/stage_arms.stl	
	Stage connector piece	1	arm/stage_connector.stl	
	Stage cover	1	arm/stage_cover.stl	
	End effector mount	1	arm/end_effector_mount.stl	print with supports

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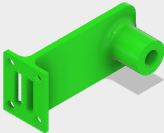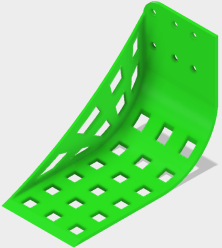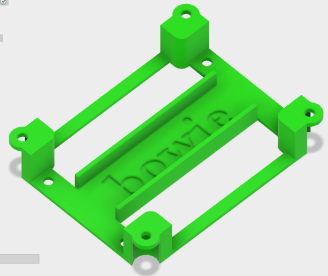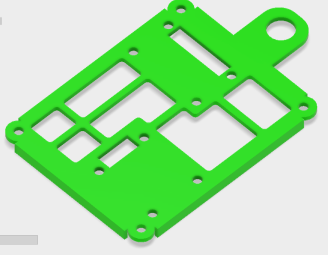|	item	qty	file	instructions
	Scoop mount plate	1	arm/scoop_mount_plate.stl	
Scoop				
	Scoop to end effector mount	1	scoop/scoop_to_end_effector_mount.stl	
	Servo mount	1	scoop/servo_mount.stl	
	Pivot left mount	1	scoop/pivot_left_mount.stl	
	Pivot right mount	1	scoop/pivot_right_mount.stl	

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	item	qty	file	instructions
	Mount support beam	1	scoop/mount_support_beam.stl	
	Servo arm	1	scoop/scoop_servo_arm.stl	
	Pivot support left (with curve)	1	scoop/pivot_left.stl	
	Pivot support right	1	scoop/pivot_right.stl	
	Scoop half left and right	2	scoop/scoop_half.stl	print one, and print the other mirrored
Electronics				

	item	qty	file	instructions
	Board mount	1	electronics/board_mount.stl	
	Sensor & Xbee plate	1	electronics/sensor_plate.stl	
	Top plate	1	electronics/top_plate.stl	
	Antenna holder	1	electronics/antenna_holder.stl	
Power supply area				
	Base to power supply area mount	1	power supply/base_mount.stl	

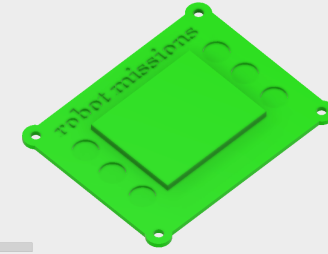# RobotMissions.org - Robot Platform 3D Printed Pieces

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	item	qty	file	instructions
	Bottom tray	1	power supply/bottom_tray.stl	
	Bottom supports	8	power supply/bottom_supports.stl	
	Middle tray	1	power supply/middle_tray.stl	
	Middle supports	8	power supply/middle_supports.stl	
	Top plate	1	power supply/top_plate.stl	