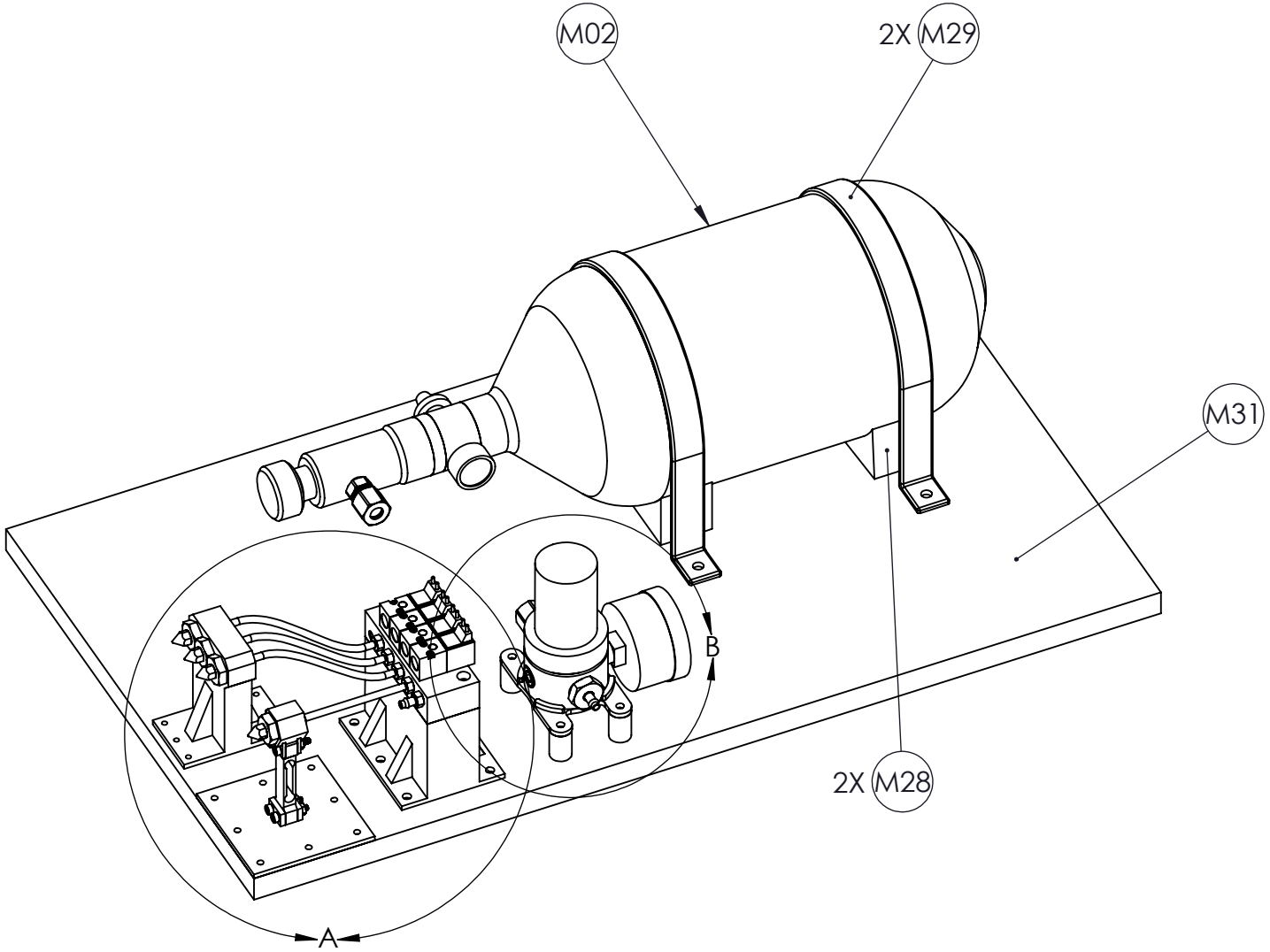
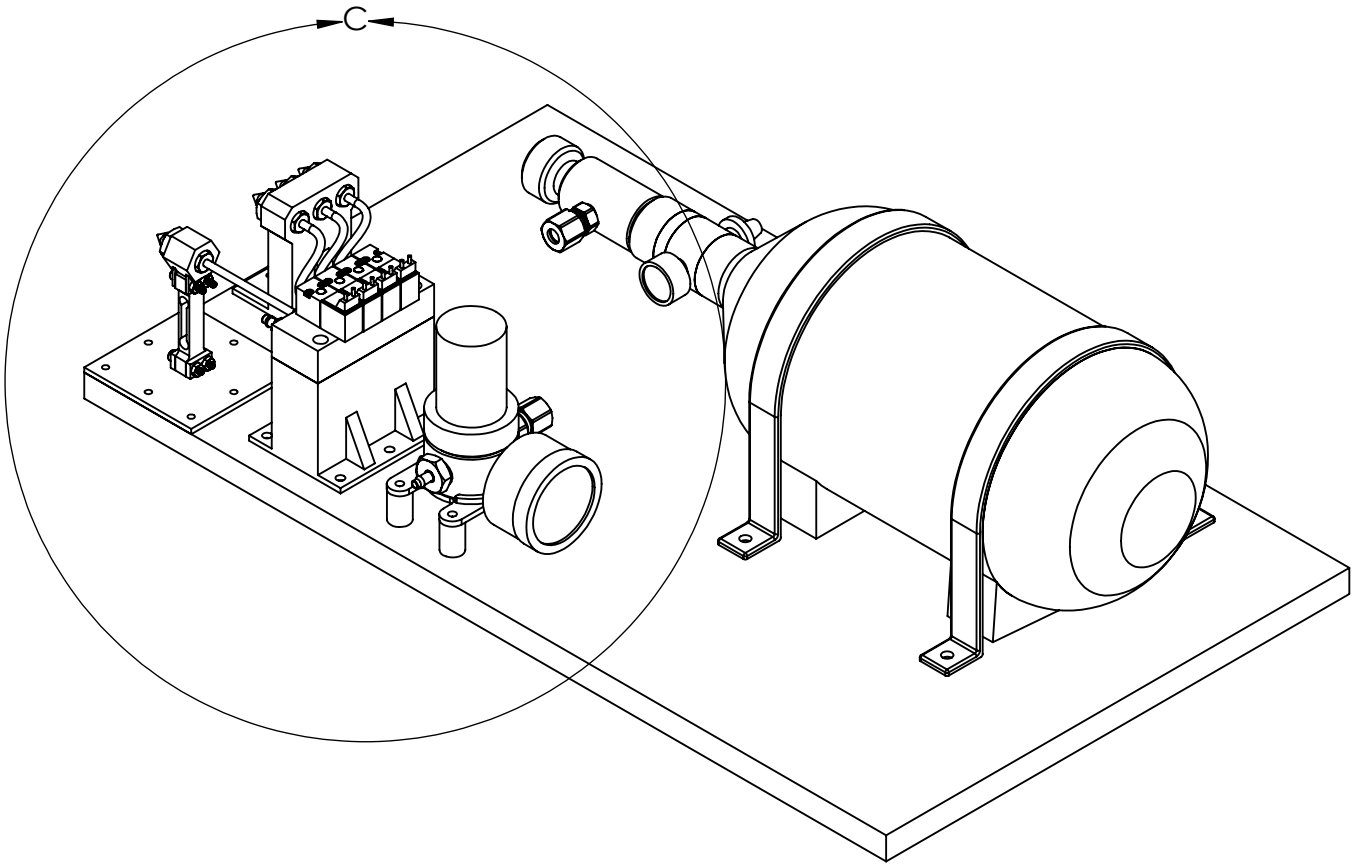
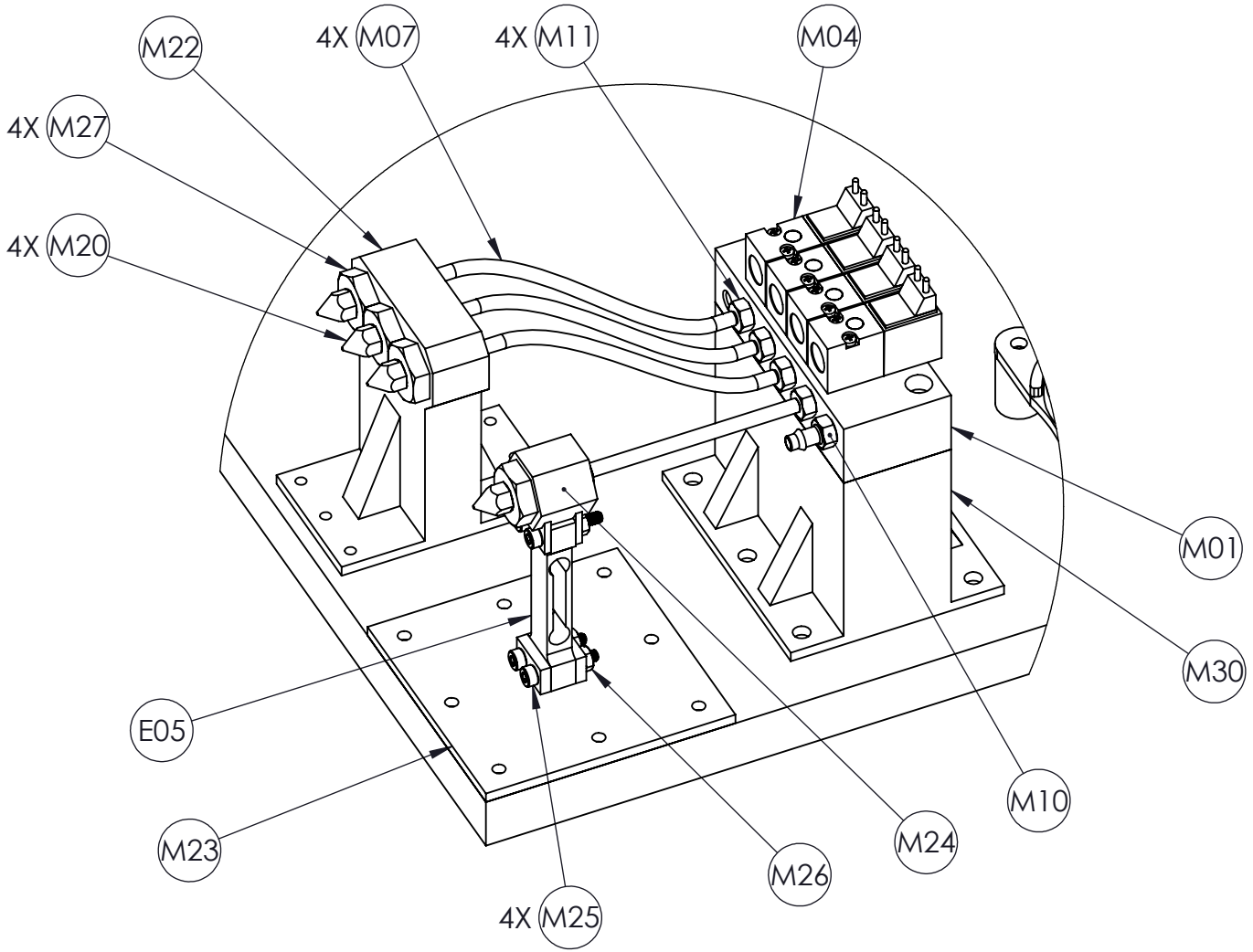


Dalhousie University	PROJECT: RSS Capstone	DRAWING: Total Assembly	B00#:	
	UNLESS OTHERWISE NOTED: SURFACE 1.6 µm; UNITS: mm X.XX +/- .10, X.X +/- .20, X +/- .50; UNITS: in X.XXX +/- .005, X.XX +/- .01, X.X +/- .02; ANGLES +/- 0.5°	DWN BY: Team #23	SIZE A	REV
		MATERIAL: Var	QTY: 1	
		DATE: 21 Jan 2022	UNITS: mm	SCALE: 1:3	SHEET 1 OF 7

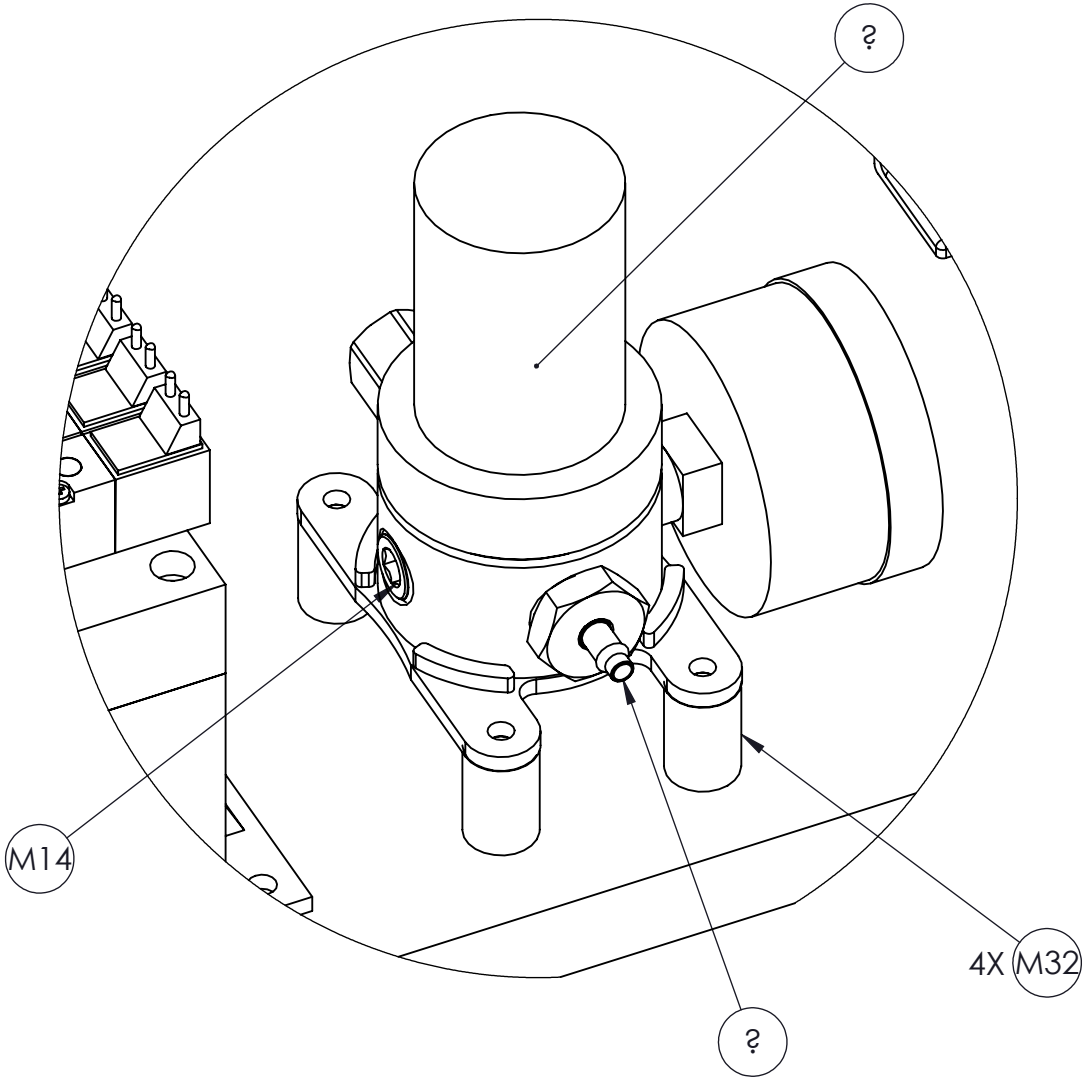


Dalhousie University	PROJECT: RSS Capstone		DRAWING: Total Assembly		B00#:
	UNLESS OTHERWISE NOTED:		DWN BY: Team #23		SIZE: A / REV:
	SURFACE: 1.6 µm	UNITS: mm: X.XX +/- .10, X.X +/- .20, X +/- .50 / UNITS: in: X.XXX +/- .005, X.XX +/- .01, X.X +/- .02	MATERIAL: Var	QTY: 1	
	ANGLES: +/- 0.5°		DATE: 21 Jan 2022	UNITS: mm / SCALE: 1:3	SHEET 2 OF 7



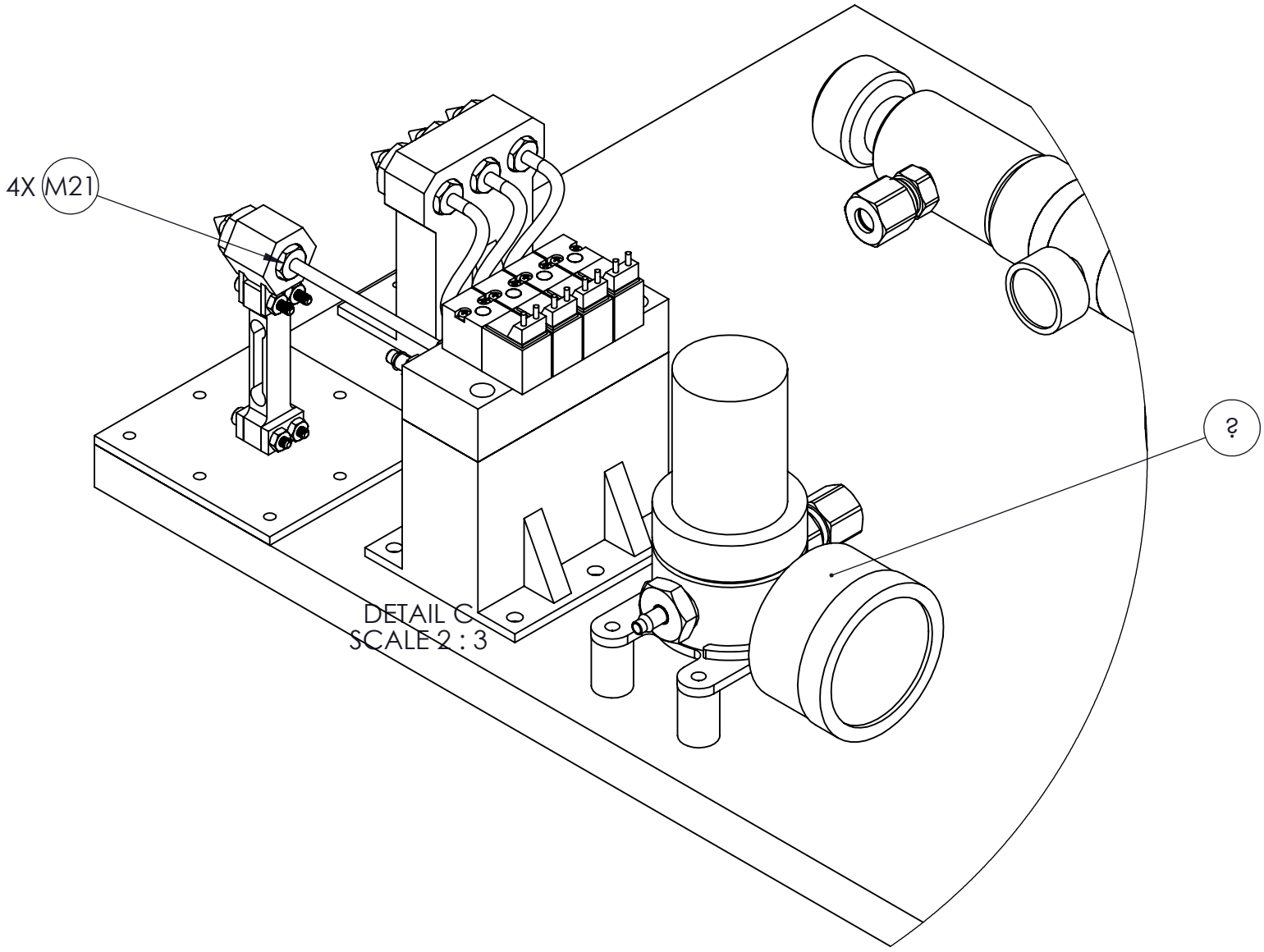
DETAIL A
SCALE 2 : 3

Dalhousie University	PROJECT: RSS Capstone		DRAWING: Total Assembly		B00#:
	UNLESS OTHERWISE NOTED: SURFACE 1.6 µm; UNITS: mm X.XX +/- .10, X.X +/- .20, X +/- .50; UNITS: in X.XXX +/- .005, X.XX +/- .01, X.X +/- .02; ANGLES +/- 0.5°		DWN BY: Team #23		SIZE A / REV
			MATERIAL: Var	QTY: 1	
			DATE: 21 Jan 2022	UNITS: mm / SCALE: 1:3	SHEET 3 OF 7



DETAIL B
SCALE 1 : 1

Dalhousie University	PROJECT: RSS Capstone		DRAWING: Total Assembly		B00#:
	UNLESS OTHERWISE NOTED: SURFACE 1.6 µm; UNITS: mm X.XX +/- .10, X.X +/- .20, X +/- .50; UNITS: in X.XXX +/- .005, X.XX +/- .01, X.X +/- .02; ANGLES +/- 0.5°		DWN BY: Team #23		SIZE A / REV
			MATERIAL: Var	QTY: 1	
			DATE: 21 Jan 2022	UNITS: SCALE: 1:3	SHEET 4 OF 7



Dalhousie University	PROJECT: RSS Capstone		DRAWING: Total Assembly		B00#:
	UNLESS OTHERWISE NOTED:		DWN BY: Team #23		SIZE: **A** / REV:
	SURFACE: 1.6 µm	UNITS: mm: X.XX +/- .10, X.X +/- .20, X +/- .50	UNITS: in: X.XXX +/- .005, X.XX +/- .01, X.X +/- .02	ANGLES: +/- 0.5°	MATERIAL: Var / QTY: 1
			DATE: 21 Jan 2022	UNITS: mm / SCALE: 1:3	SHEET 5 OF 7

ITEM NO.	PART NAME	DESCRIPTION	QTY
M31	4 x 10mm Manifold E10M-04		1
E05	Ninja Cannister and First Stage Regulator		1
M24	Ninja Universal Fill Adapter (Not Depicted)		1
M27	Solenoid Valve E210A-1W012		4
M20	1/4" OD Nylon Tubing		1
M21	1/8" ID Polyurethane Rubber Tubing		1
M25	1/16" ID Polyurethane Rubber Tubing	18-8 Stainless Steel Socket Head Screw	1
M26	1/4" Speedaire Regulator	18-8 Stainless Steel Hex Nut	1
M23	1/8" ID Barb #10-32 Male Thread		1
M11	Ninja_NINJATANK-FILLADAPTER_(Universal Fill Adapter)	Ninja-Paintball Universal Fill Adapter	4
M12	50915K314	0.125" NPT x 0.25" Compression Fitting	1
M02	Ninja_NINJATANKSL2-90_(Air Canister)	Ninja-Paintball 90 Cu Air Canister	1
M14	Ninja_BLKRED-PROV2SL_(SLP Regulator)	Ninja Paintball SLP Pressure Regulator	1
M01	GAUGE CENTRE BACK MOUNT 0 - 160 PSI		1
M04	Brass Barbed Fittings ID 3/16" x 1/4" NTP Male		1
M19	Brass Barbed Fittings ID 3/16" x 1/8" NTP Male		1
M20	Creality 0.4mm Brass Nozzle		4
M21	1/16" Barb ID x M6 x 1mm Male, Aluminum Low-Pressure		4
M11	3 Nozzle Holder		1
M10	Load Cell Plate		1
M24	Nozzle Mount		1
M28	M2.5 x 0.45 mm, 15 mm long, 18-8 Stainless Steel Socket Head Screw		4

REV:	
DWN BY: Team #23	

Dalhousie University				PROJECT: RSS Capstone	
	UNLESS OTHERWISE NOTED:			DRAWING: Total Assembly	QTY: 1
	UNITS: mm	UNITS: in	ANGLES	MATERIAL: Var	SCALE: 1:3
	X.XX +/- .10 X.X +/- .20 X +/- .50	X.XXX +/- .005 X.XX +/- .01 X.X +/- .02	+/- 0.25°	DATE: 21 Jan 2022 UNITS: mm	SHEET 6 OF 7
B00#:					

ITEM NO.	PART NAME	DESCRIPTION	QTY
M22	M2.5 x 0.45 mm thread 18-8 Stainless Steel Hex Nut		4
M07	M6 x 1mm Thread Coupling Nut		4
M30	Air Cannister Holder		2
M09	4ZM06	Pressure Regulator: 400 PSI Max Inlet, 0 - 125 PSI Outlet	2
M17	PG-160CD15	0.125" MNPT Dry Pressure Gauge: 0 - 160 PSI	1
M31	Regulator Base Fixture		1
M14	4464K561	0.125" NPT Plug	4
E05	50915K315	0.125" NPT x 0.25" Compression Fitting	1

		REV:	
		DWN BY: Team #23	
Dalhousie University		PROJECT: RSS Capstone	
	UNLESS OTHERWISE NOTED: UNITS: mm X.XX +/- .10 X.X +/- .20 X +/- .50; UNITS: in X.XXX +/- .005 X.XX +/- .01 X.X +/- .02; ANGLES +/- 0.25°	DRAWING: Total Assembly	QTY: 1
		MATERIAL: Var	SCALE: 1:3
B00#:		DATE: 21 Jan 2022 UNITS: mm	SHEET 7 OF 7