

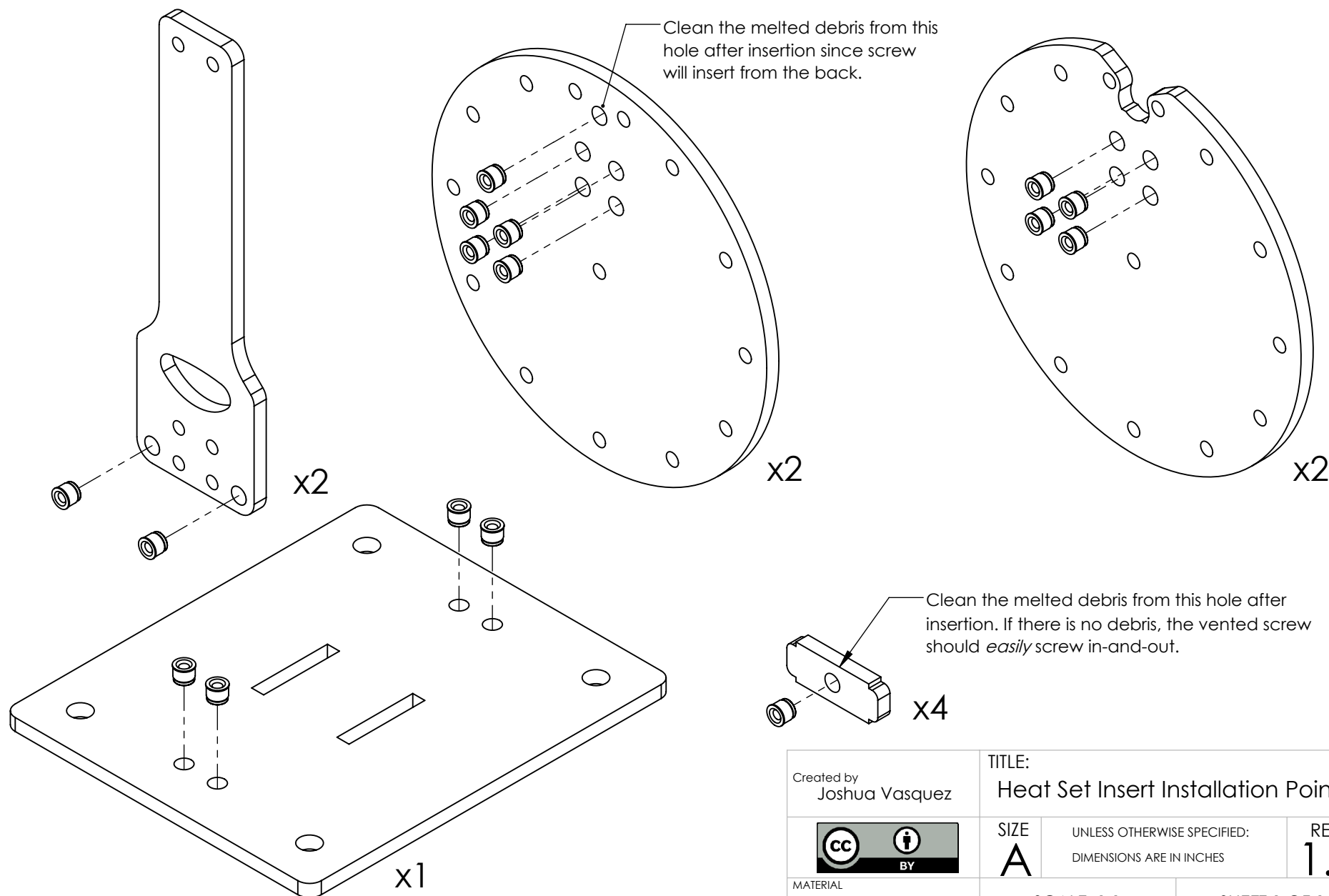
2

1

Note: Installing the inserts creates debris on the bottom of the hole. Clean this debris only in the 5 places specified below.
 Note: Holes are bigger on one side of the plate because of how the laser cutter cuts parts. Install from the bigger side.

B

B



A

Created by
Joshua Vasquez



MATERIAL

TITLE:

Heat Set Insert Installation Points

SIZE

A

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES

REV

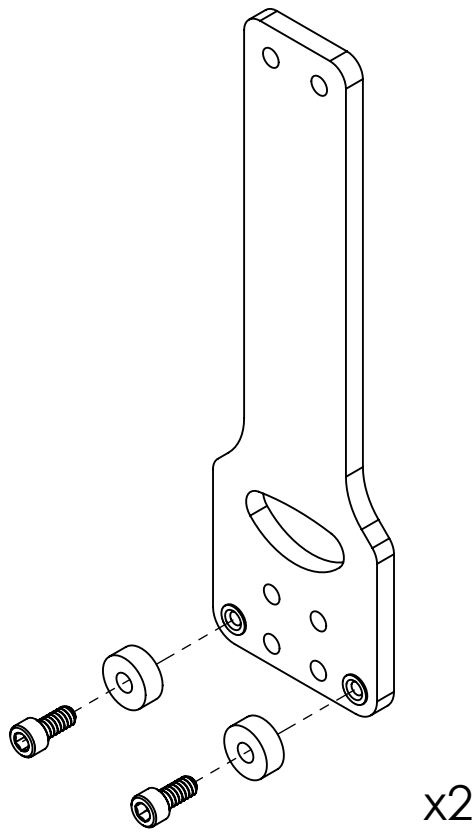
1.3

SCALE: 1:1


SHEET 1 OF 1

2

1

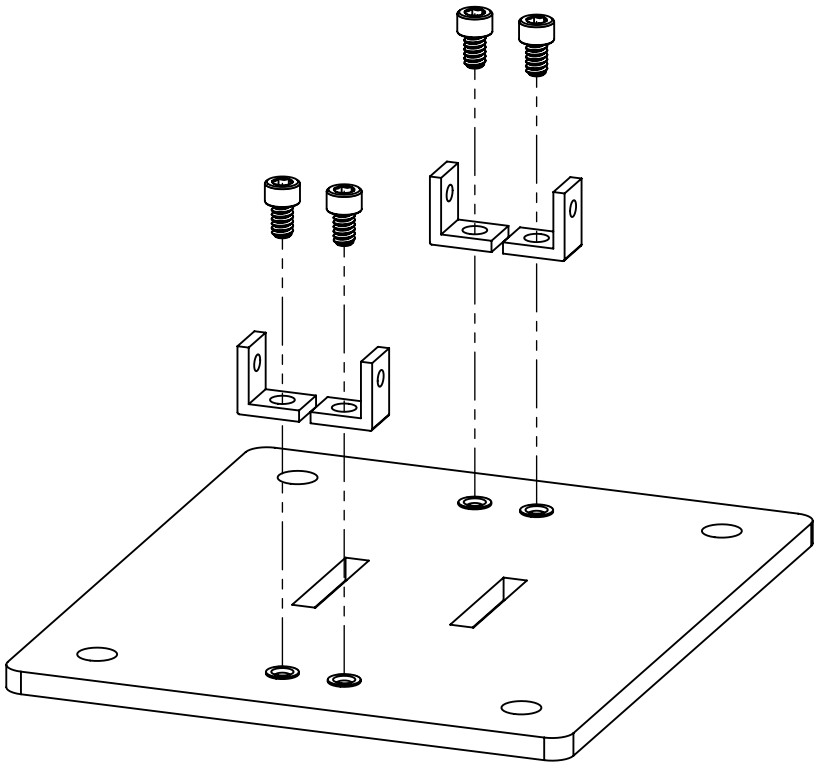


DESCRIPTION	QTY.
handle with inserts	1
heat-set insert	2
hard stop spacer	2
4-40 screw, 1/4-in.	2


Created by Joshua Vasquez		TITLE:	
	SIZE A	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES	REV 1.3
	SCALE: 1:1		SHEET 1 OF 1

B

A



DESCRIPTION	QTY.
base with inserts	1
heat-set insert	4
angle bracket	4
4-40 screw, 3/16-in.	4

Created by Joshua Vasquez		TITLE:	
	SIZE A	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES	REV 1.3
	SCALE: 1:1		SHEET 1 OF 1
	MATERIAL		

B

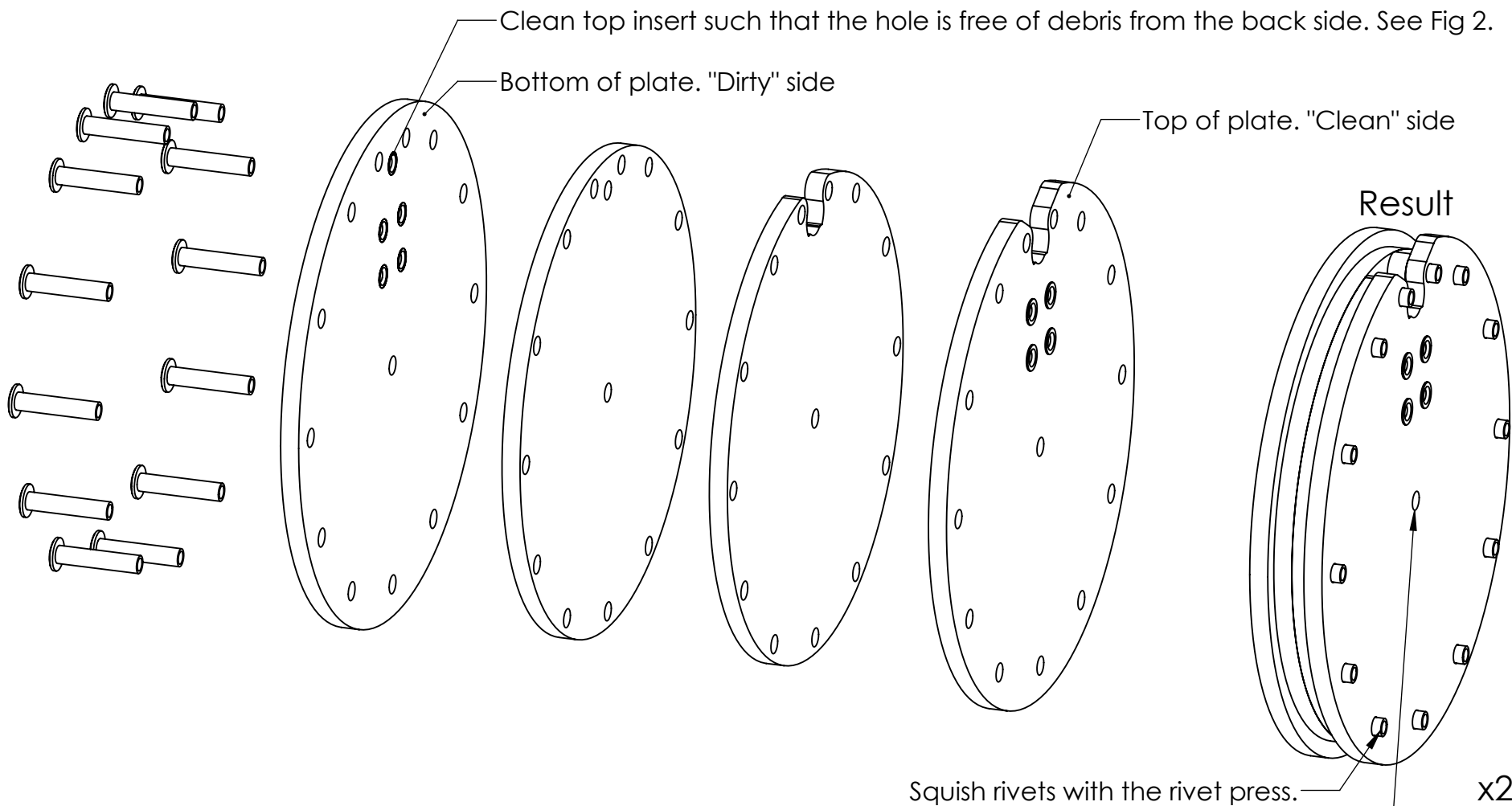
A

2

1

B

A



DESCRIPTION	QTY.
top pulley plate with inserts	1
inner pulley plate "a"	1
inner pulley plate "b"	1
bottom pulley plate with inserts	1
semitubular rivet, 1/8-in OD, 19/32-in. len	13

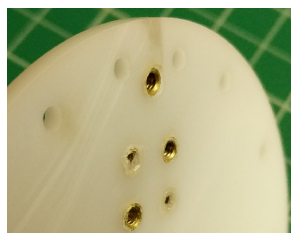



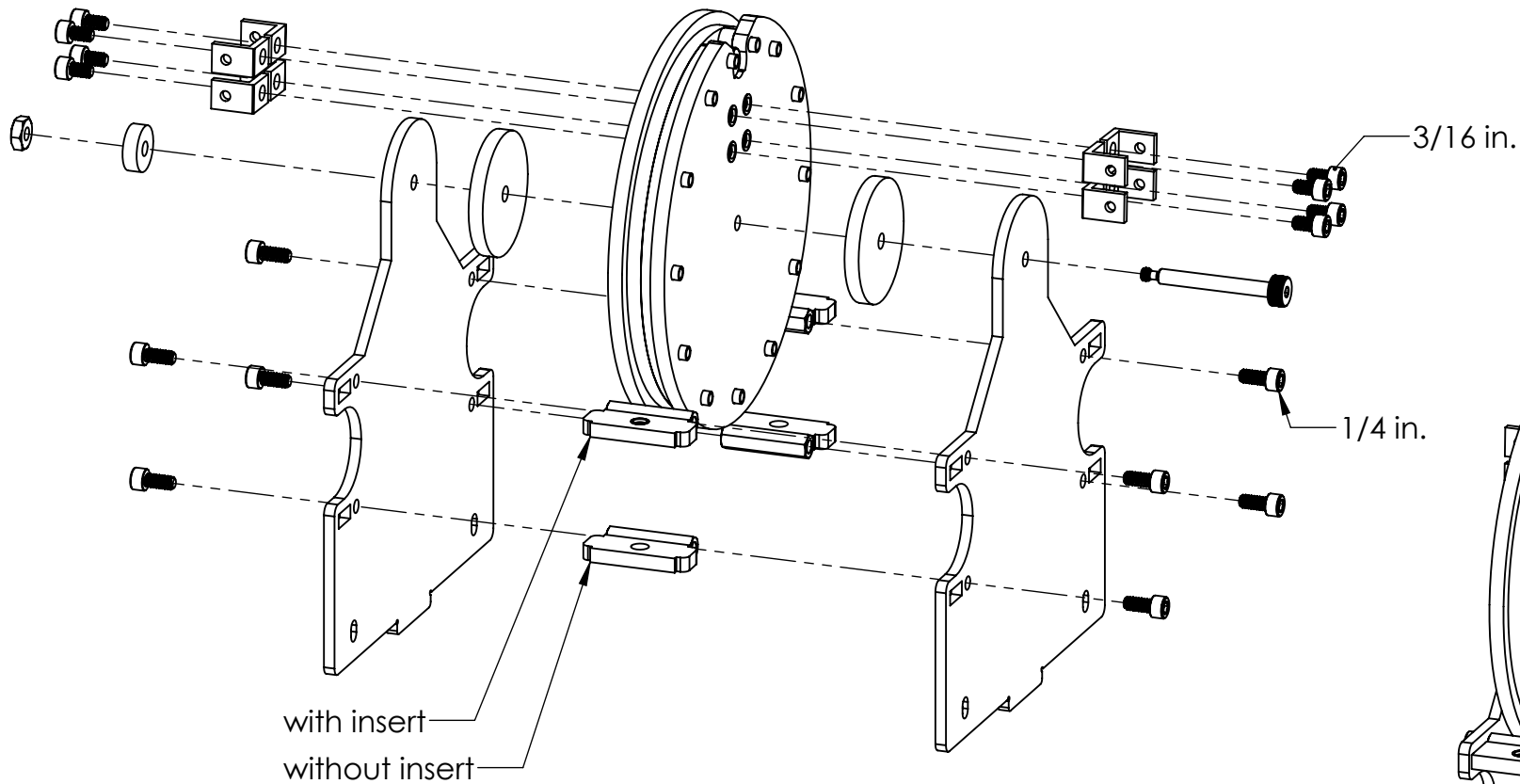
Fig 2: top insert is cleaned. Other inserts do not need to be cleaned.

Created by Joshua Vasquez		TITLE: Pulley Assembly x2	
	SIZE A	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES	REV 1.3
	MATERIAL		SCALE: 1:1
			SHEET 1 OF 1

B

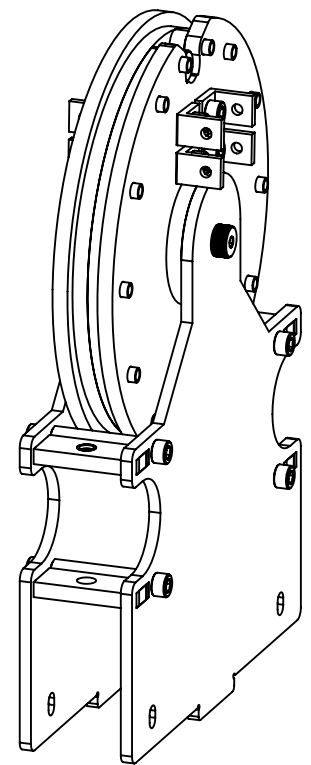
A

B



B


Result



A

A

DESCRIPTION	QTY.
lower stage side plate	2
tensioner plate without inserts	2
4-40 standoff, 3/4-in.	4
angle bracket	8
4-40 screw, 1/4-in.	8
4-40 screw, 3/16-in.	8
pulley spacer	2
4-40 shoulder screw, 1/8-in. OD, 1-in. len	1
4-40 hex nut	1
pulley nut spacer	1
pulley assembly	1
tensioner plate with inserts	2

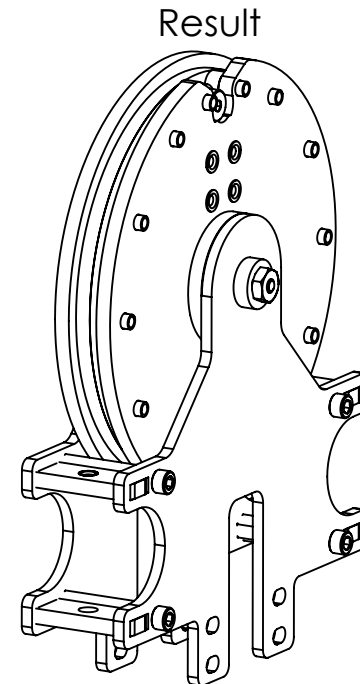
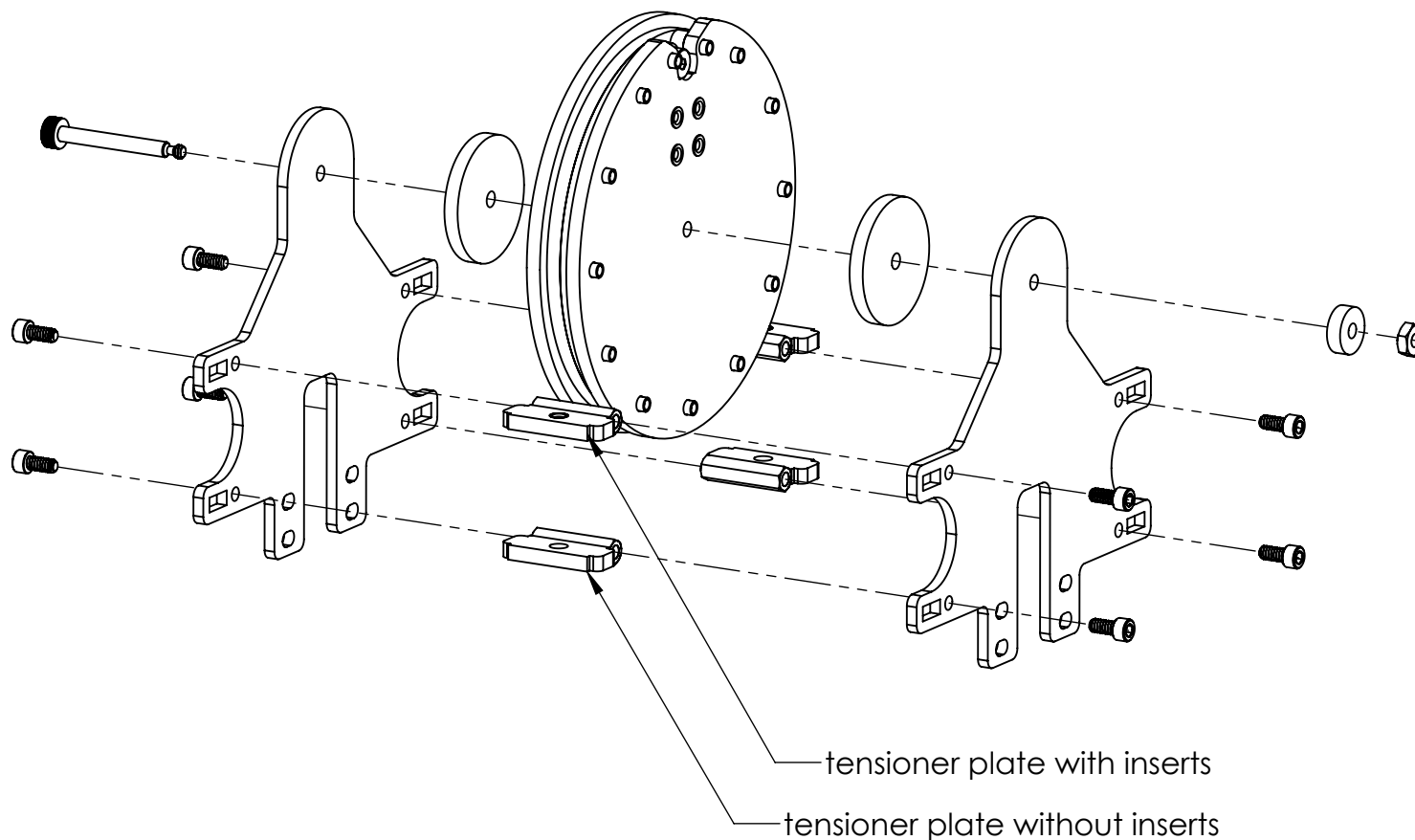
Created by Joshua Vasquez		TITLE: Lower Stage Assembly	
MATERIAL		SIZE A	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES
		SCALE: 2:3	REV 1.3 SHEET 1 OF 1

2

1

B


A



B

A

DESCRIPTION	QTY.
upper stage side plate	2
pulley	1
4-40 standoff, 3/4-in.	4
4-40 screw, 1/4-in.	8
tensioner plate	2
4-40 shoulder screw, 1/8-in. OD, 1-in. len	1
pulley spacer	2
tensioner plate with inserts	2
pulley nut spacer	1
4-40 hex nut	1

Created by Joshua Vasquez		TITLE: Upper Stage	
MATERIAL		SIZE A	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES
		SCALE: 2:3	REV 1.3 SHEET 1 OF 1