

Double Pulley Corner Plate Assembly



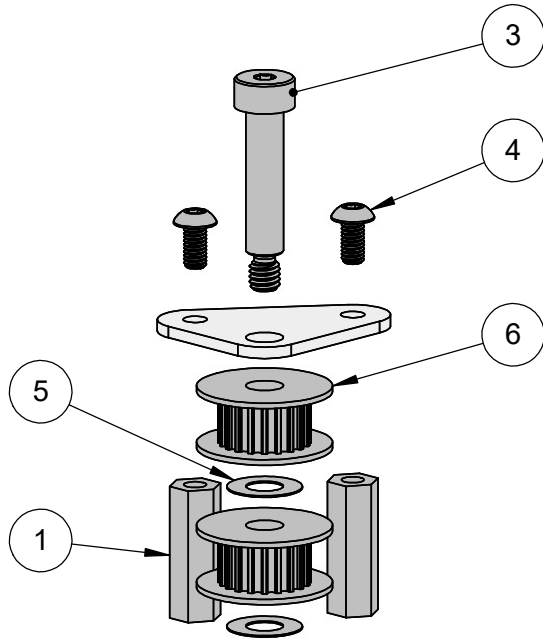
Created by:
Joshua Vasquez

last edited:
1/30/2020

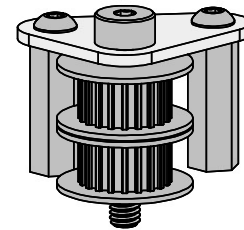
SCALE: 1:1

SHEET 1 OF 5

B

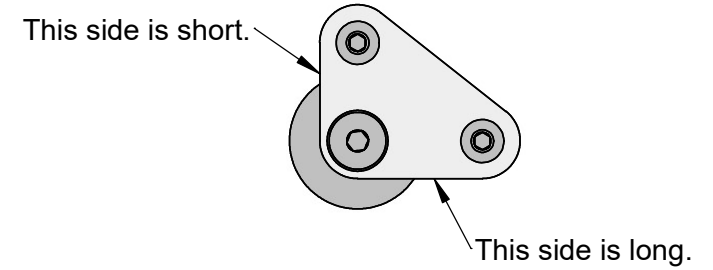


Exploded View



Assembled View

Top View




Note the plate orientation!

B

A

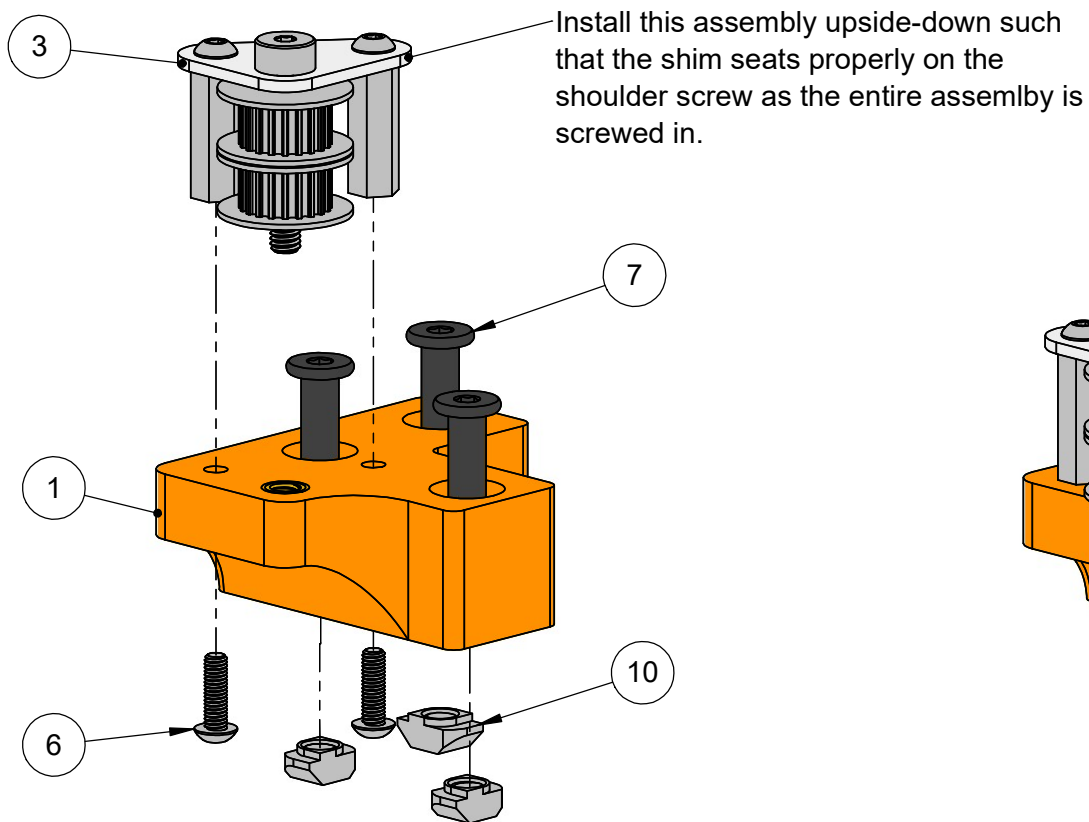
ITEM NO.	DESCRIPTION	QTY.
1	M3 18mm standoff, 6mm wide	2
2	Corner Pulley Reinforcement Plate	1
3	M4 shoulder screw, 20mm-l, 5mm-d	1
4	M3 Buttonhead Screw, 6mm long	2
5	M5 Shim, 0.2mm thick	2
6	20T Idler pulley, 2GT, 5mm bore	2

Left Corner Pulley Assembly		
	Created by: Joshua Vasquez	last edited: 1/30/2020
	SCALE: 1:1	SHEET 2 OF 5

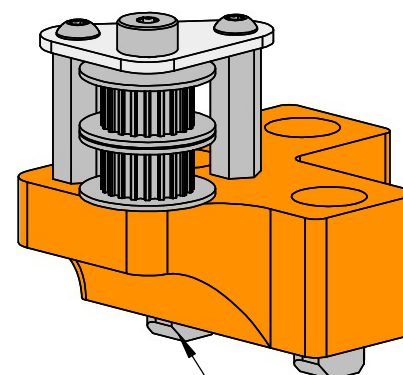
2

1

B



Exploded View



Assembled View

ITEM NO.	DESCRIPTION	QTY.
1	Left Corner Plate with Insert Installed	1
3	Left Corner Pulley Assembly	1
6	M3 Buttonhead Screw, 10mm long	2
7	M5 x 0.8 Screw, Low Profile. 20mm	3
10	M5 Drop-In T-Nut for 20x20 Extrusion	3

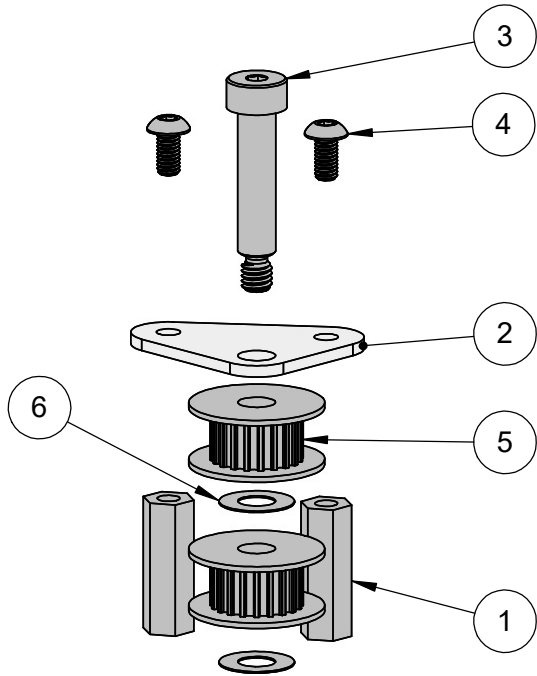
Left Corner Pulley Plate Assembly		
	Created by: Joshua Vasquez	last edited: 1/30/2020
	SCALE: 1:1	SHEET 3 OF 5

B

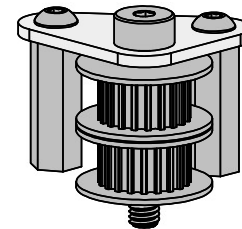
A

A

B

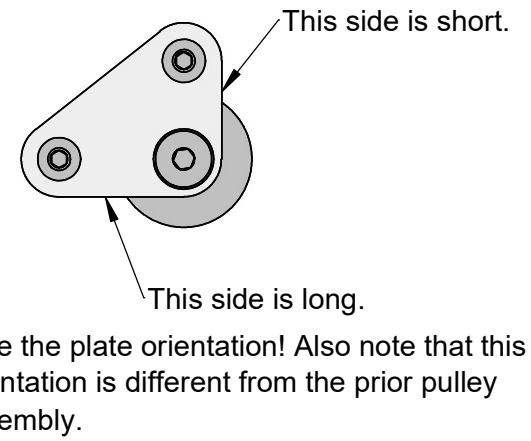


Exploded View



Assembled View

Top View



B

A

ITEM NO.	DESCRIPTION	QTY.
1	M3 18mm standoff, 6mm wide	2
2	Corner Pulley Reinforcement Plate	1
3	M4 shoulder screw, 20mm-l, 5mm-d	1
4	M3 Buttonhead Screw, 6mm long	2
5	20T Idler pulley, 2GT, 5mm bore	2
6	M5 Shim, 0.2mm thick	2

Right Corner Pulley Assembly

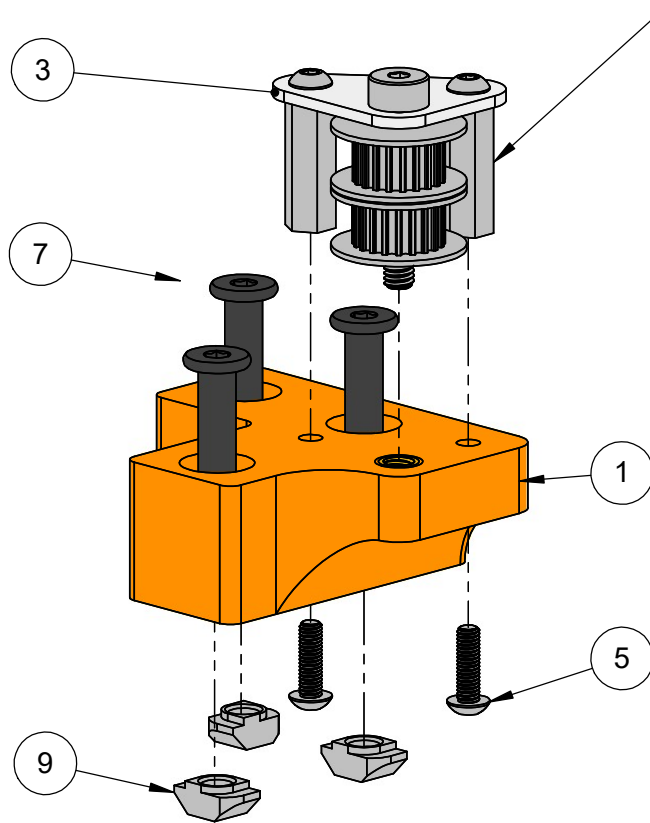
Created by:
Joshua Vasquezlast edited:
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SCALE: 1:1

SHEET 4 OF 5

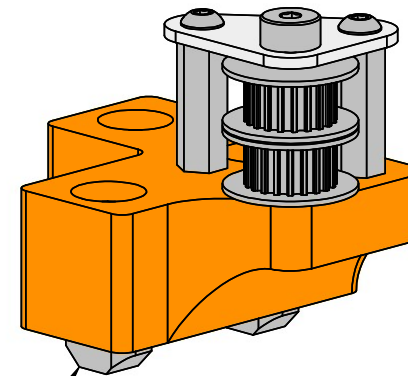
2

1



Exploded View


Install this assembly upside-down such that the shim seats properly on the shoulder screw as the entire assembly is screwed in.



Assembled View

Keep these T-Nuts loose, only two full turns; they will be tightened into the frame later.

ITEM NO.	DESCRIPTION	QTY.
1	Right Corner Plate with Insert Installed	1
3	Right Corner Pulley Assembly	1
5	M3 Buttonhead Screw, 10mm long	2
7	M5 x 0.8 Screw, Low Profile. 20mm	3
9	M5 Drop-In T-Nut for 20x20 Extrusion	3

Right Corner Pulley Plate Assembly		
	Created by: Joshua Vasquez	last edited: 1/30/2020
	SCALE: 1:1	SHEET 5 OF 5