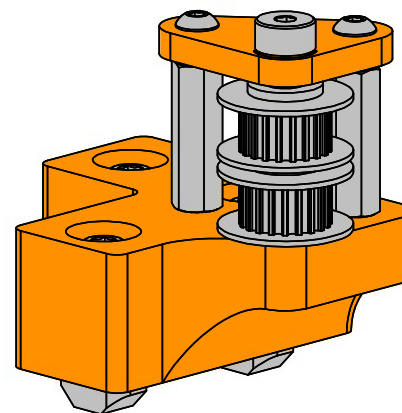
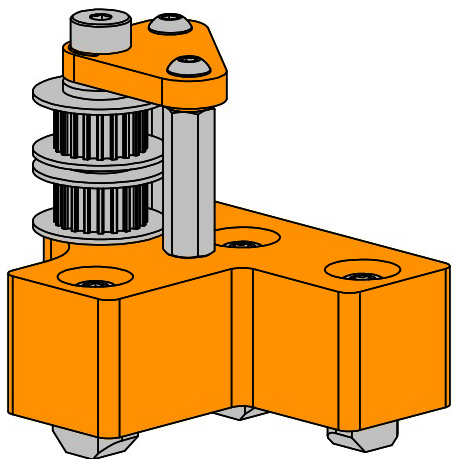


2

1



Double Pulley Corner Plate Assembly



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Joshua Vasquez

last edited:
5/27/2020

SCALE: 1:1

SHEET 1 OF 7

2

1

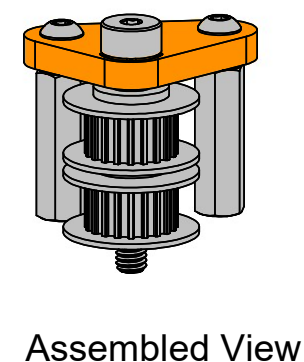
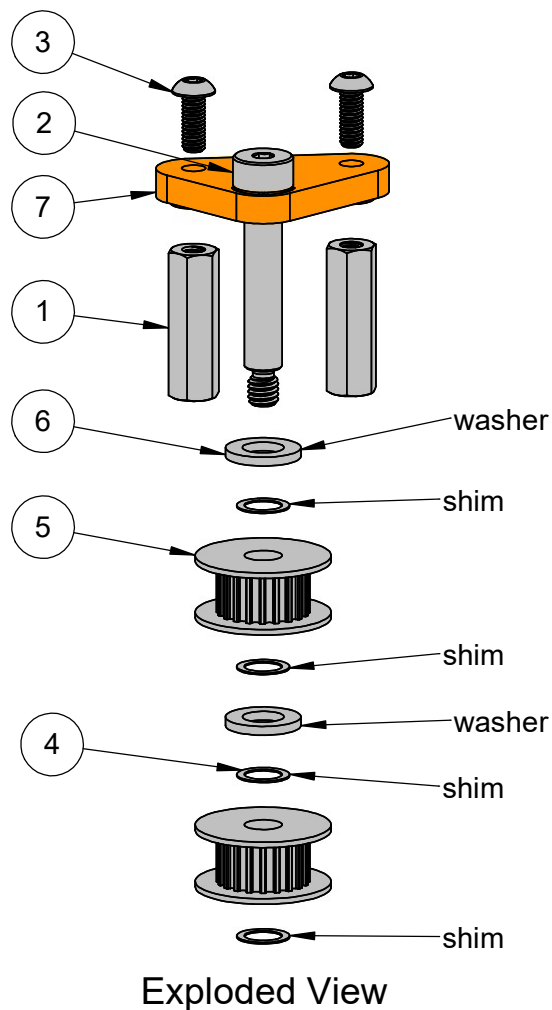
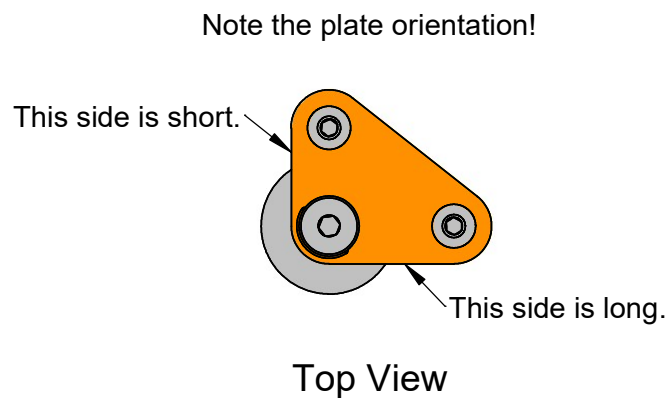
B

B

A

A

NOTE: This assembly step is for **generic** brand pulleys only. If you are using genuine **Gates** brand pulleys, skip this page and see the next page.



ITEM NO.	DESCRIPTION	
1	M3 Standoff, 20mm long, 6mm wide	2
2	M4 Shoulder Screw, 25mm long	1
3	M3 Buttonhead Screw, 8mm long	2
4	M5 Shim, 0.2mm thick, 7mm OD	4
5	20T Idler pulley, 2GT, 5mm bore	2
6	M5 Washer, 0.8-1.2mm thick	2
7	Left Corner Pulley Reinforcement Plate	1

Left Corner Generic Pulley Assembly



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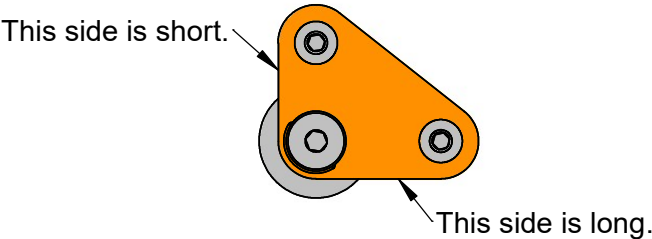
last edited:
5/27/2020

SCALE: 1:1

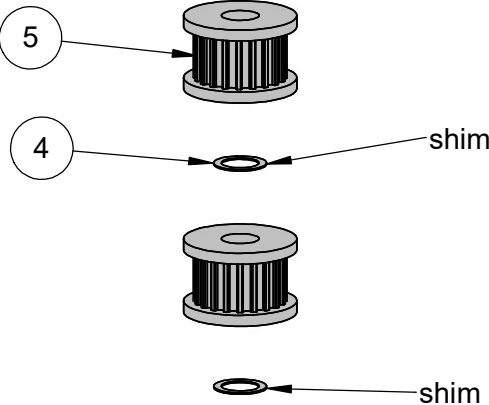
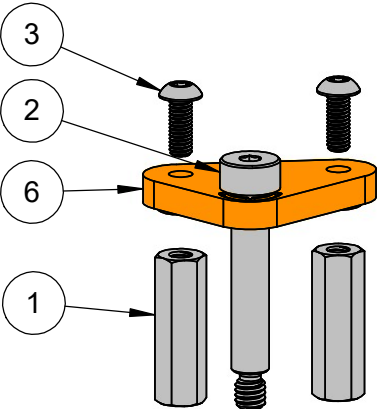
SHEET 2 OF 7

B

Note the plate orientation!

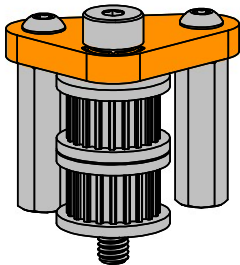


Top View



Exploded View

1



Assembled View

A

ITEM NO.	DESCRIPTION	QTY.
1	M3 Standoff, 20mm long, 6mm wide	2
2	M4 Shoulder Screw, 25mm long	1
3	M3 Buttonhead Screw, 8mm long	2
4	M5 Shim, 0.2mm thick, 7mm OD	2
5	20T Idler pulley, 2GT, 5mm bore	2
6	Left Corner Pulley Reinforcement Plate	1

2

B

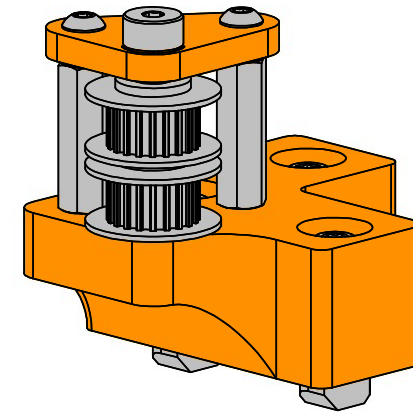
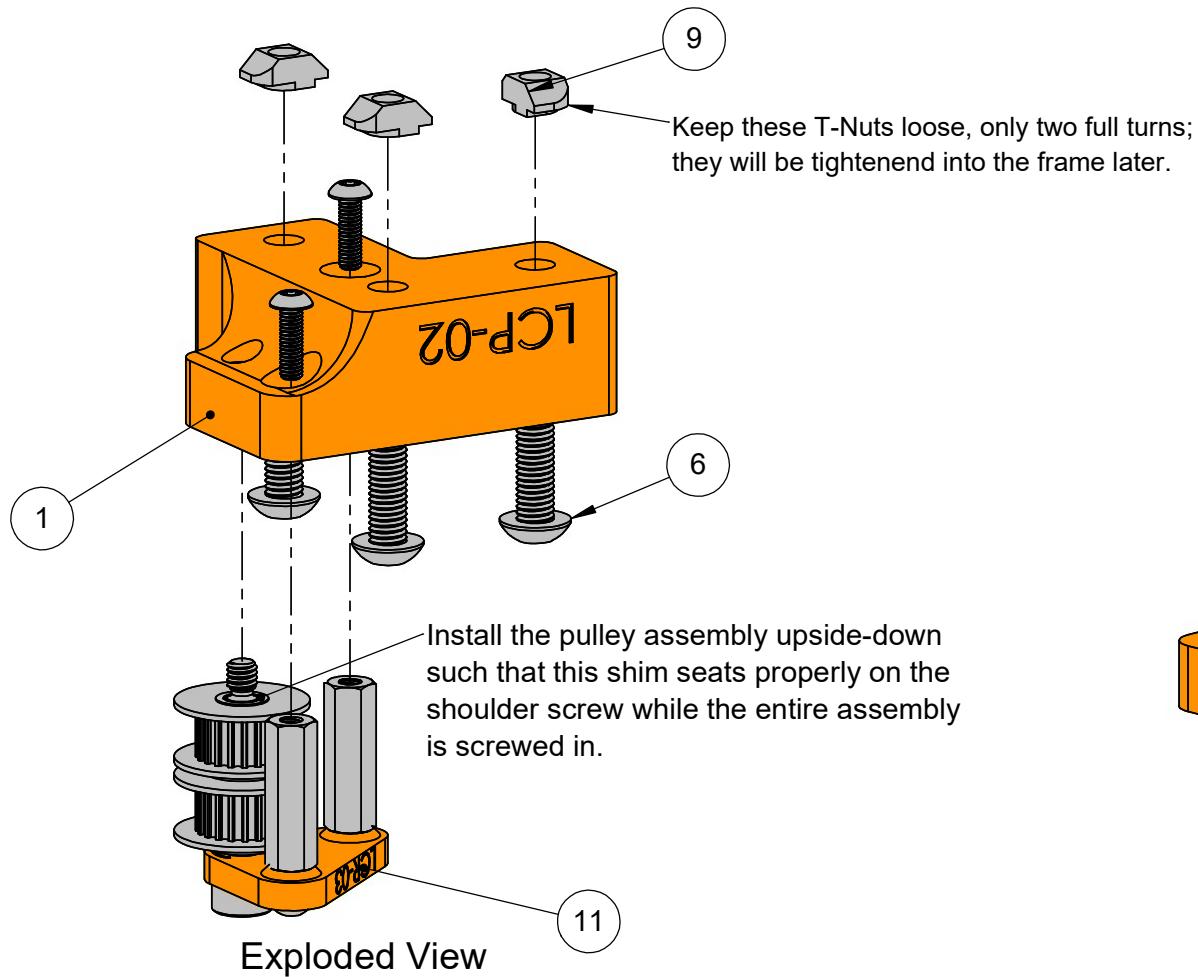
A

Left Corner Gates Pulley Assembly

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SCALE: 1:1	SHEET 3 OF 7

1

B



Assembled View

A

ITEM NO.	DESCRIPTION	
1	Left Corner Plate with Insert Installed	1
5	M3 Buttonhead Screw, 10mm long	2
6	M5 Buttonhead Screw, 20mm long	3
9	M5 Drop-In T-Nut for 20x20 Extrusion	3
10	M5 Washer, 0.8-1.2mm thick	2
11	Left Corner Pulley Reinforcement Plate	1

Left Corner Pulley Plate Assembly

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5/27/2020

SCALE: 1:1

SHEET 4 OF 7

B

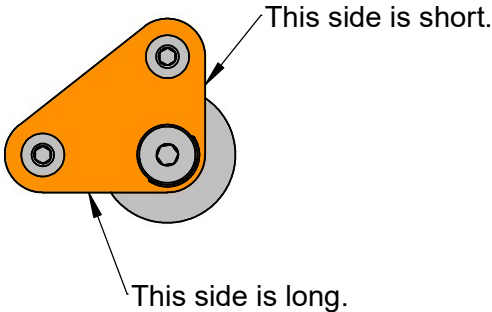
A

B

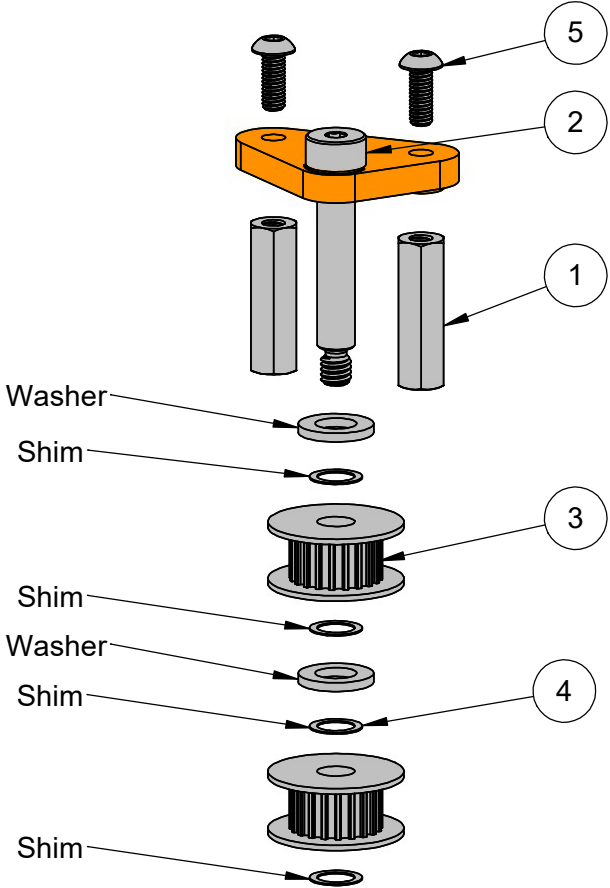
A

NOTE: This assembly step is for **generic** brand pulleys only. If you are using genuine **Gates** brand pulleys, skip this page and see the next page.

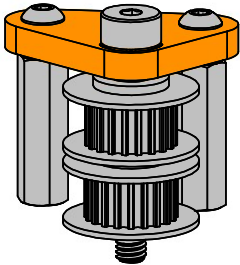
Top View



Note the plate orientation! Also note that this orientation is different from the prior pulley assembly.



Exploded View



Assembled View

ITEM NO.	DESCRIPTION	
1	M3 Standoff, 20mm long, 6mm wide	2
2	M4 Shoulder Screw, 25mm long	1
3	20T Idler pulley, 2GT, 5mm bore	2
4	M5 Shim, 0.2mm thick, 7mm OD	4
5	M3 Buttonhead Screw, 8mm long	2
6	M5 Washer, 0.8-1.2mm thick	2
7	Right Corner Pulley Reinforcement Plate	1

Right Corner Generic Pulley Assembly

Created by: Joshua Vasquez

last edited: 5/27/2020

SCALE: 1:1

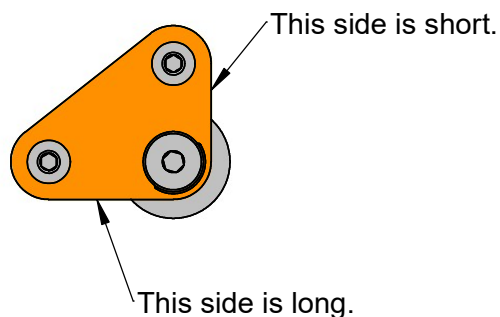
SHEET 5 OF 7

B

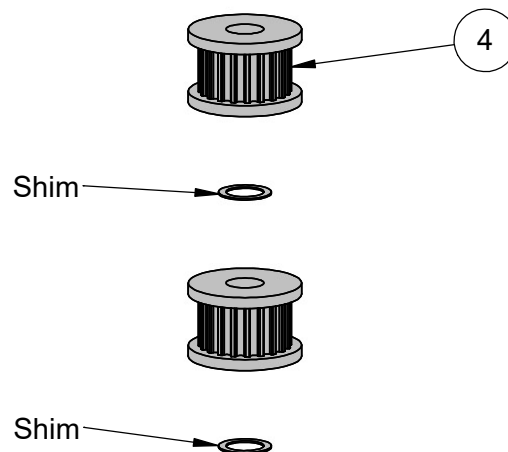
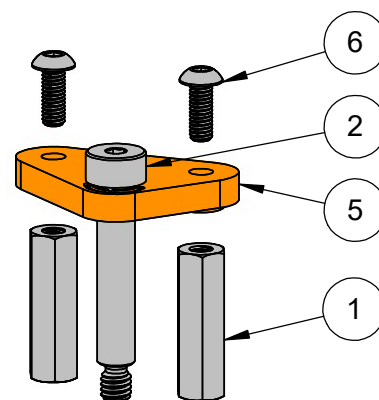
A

NOTE: This assembly step is for **Gates** brand pulleys only. If you are using **generic** brand pulleys, skip this page and see the previous page.

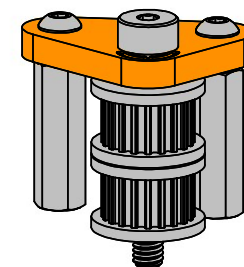
Top View



Note the plate orientation! Also note that this orientation is different from the prior pulley assembly.



Exploded View



Assembled View

ITEM NO.	DESCRIPTION	QTY.
1	M3 Standoff, 20mm long, 6mm wide	2
2	M4 Shoulder Screw, 25mm long	1
3	M5 Shim, 0.2mm thick, 7mm OD	2
4	20T Idler pulley, 2GT, 5mm bore	2
5	Right Corner Pulley Reinforcement Plate	1
6	M3 Buttonhead Screw, 8mm long	2

Right Corner Gates Pulley Assembly



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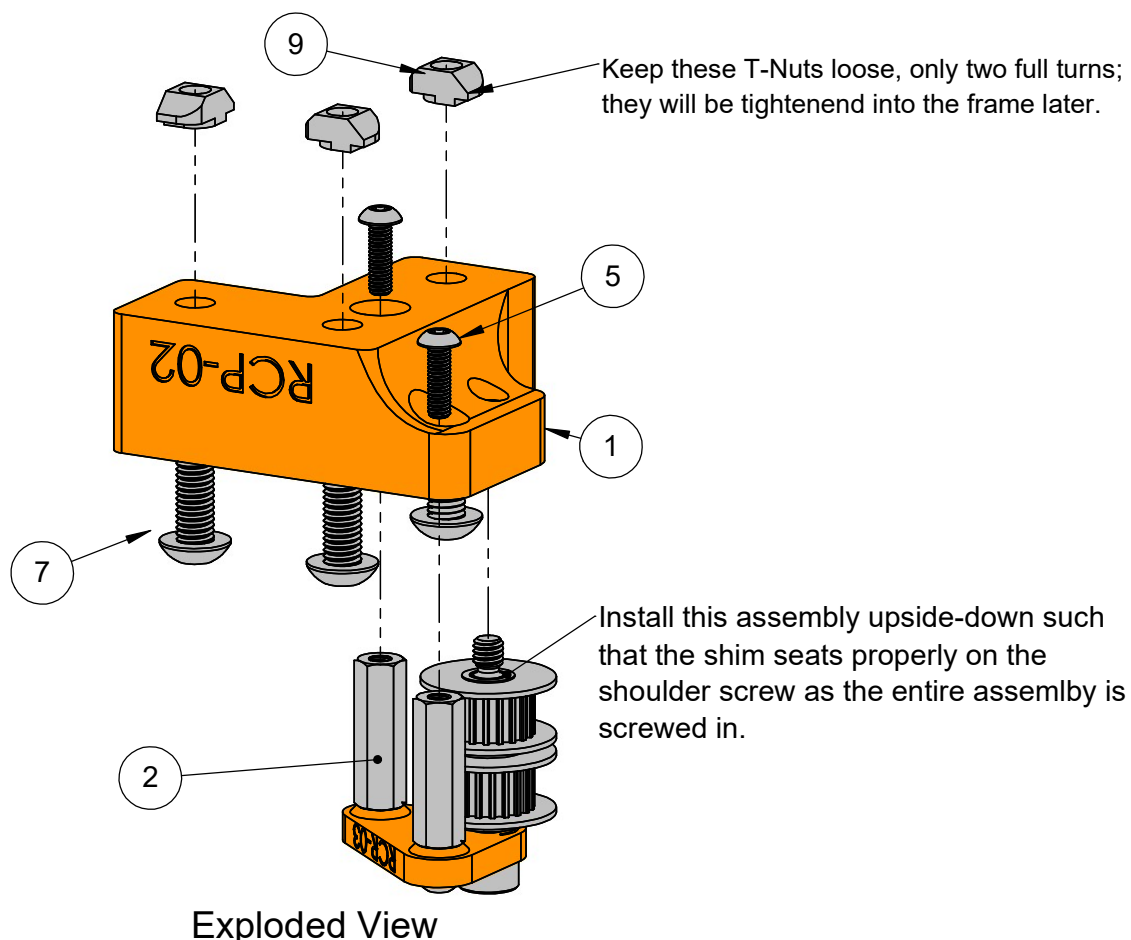
last edited:
5/27/2020

SCALE: 1:1

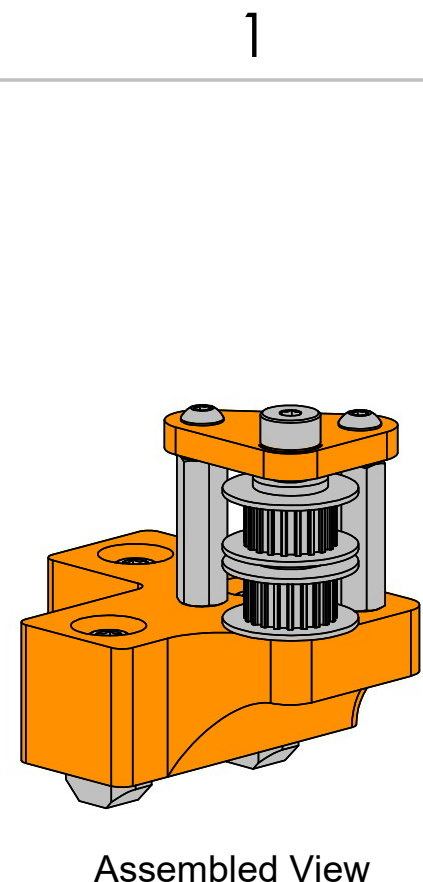
SHEET 6 OF 7

B

A



ITEM NO.	DESCRIPTION	
1	Right Corner Plate with Insert Installed	1
3	Right Corner Pulley Assembly	1
5	M3 Buttonhead Screw, 10mm long	2
7	M5 Buttonhead Screw, 20mm long	3
9	M5 Drop-In T-Nut for 20x20 Extrusion	3
11	M5 Washer, 0.8-1.2mm thick	2



Assembled View

Right Corner Pulley Plate Assembly		
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	Joshua Vasquez	5/27/2020
SCALE: 1:1		SHEET 7 OF 7