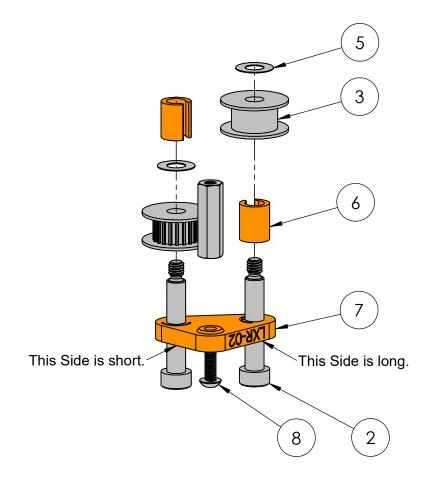


Note: This assembly step is for the generic brand pulleys only. If you are using genuine Gates brand pulleys, skip this page and see the next page.



В

ITEM NO.	DESCRIPTION	
1	M3 20mm standoff, 6mm wide	1
2	M4 Shoulder Screw, 25mm long	2
3	20T toothless idler, 5mm bore	1
4	20T Idler pulley, 2GT, 5mm bore	1
5	M5 Shim, 0.2mm thick	2
6	Printed Pulley Spacer	2
7	Left Crossbar Pulley Reinforcement Plate	1
8	M3 Buttonhead Screw, 8mm long	1

This Side is short.

This Side is long.

Note the orientation of the Reinforcement Plate

Left Crossbar	Generic	Pulley	Assembly
---------------	---------	--------	----------

	Created by:	last edited:
BY	Joshua Vasquez	4/28/2020
	SCALE: 1:1	SHEET 2 OF 8

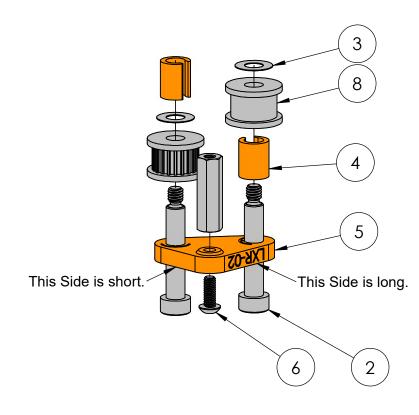
В

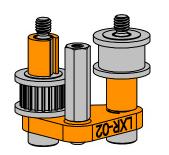
A

В

Note: This assembly step is for the genuine Gates brand pulleys only. If you are using generic brand pulleys, skip this page.

В





ITEM NO.	DESCRIPTION	
1	M3 20mm standoff, 6mm wide	1
2	M4 Shoulder Screw, 25mm long	2
3	20T toothless idler, 5mm bore	1
4	20T Idler pulley, 2GT, 5mm bore	1
5	M5 Shim, 0.2mm thick	2
6	Printed Pulley Spacer	2
7	Left Crossbar Pulley Reinforcement Plate	1
8	M3 Buttonhead Screw, 8mm long	1

Note the orientation of the Reinforcement Plate

This Side is short.

This Side is long.

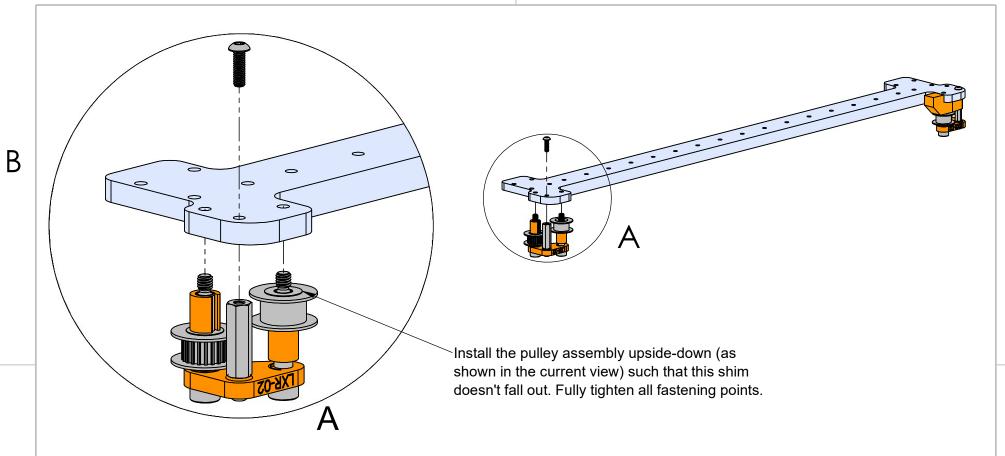
Left Crossbar Gates Pulley Assembly

	Created by:	last edited:
BY BY	Joshua Vasquez	4/28/2020
	SCALE: 1:1	SHEET 3 OF 8

2

•





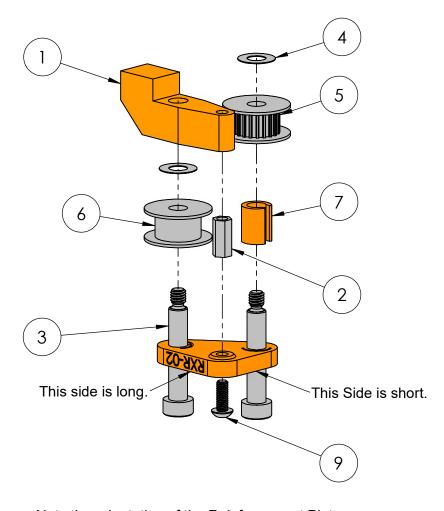
A

ITEM NO.	DESCRIPTION	QTY.
1	Pocketed Crossbar	1
2	Left Crossbar Pulley Assembly	1
3	M3 Buttonhead Screw, 10mm long	1

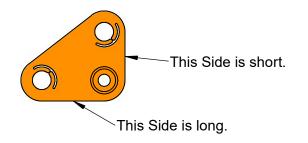
Left Crossbar Pulley Installation			
<u>@</u>	BY	Created by: Joshua Vasquez	last edited: 4/28/2020
		SCALE: 1:3	SHEET 4 OF 8

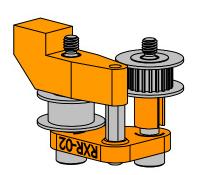
В

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



Note the orientation of the Reinforcement Plate





DESCRIPTION	
Crossbar X Limit Trigger	1
M3 10mm standoff, 4.5mm wide	1
M4 Shoulder Screw, 25mm long	2
M5 Shim, 0.2mm thick	2
20T Idler pulley, 2GT, 5mm bore	1
20T toothless idler, 5mm bore	1
Printed Pulley Spacer	1
Right Crossbar Pulley Reinforcement Plate	1
M3 Buttonhead Screw, 8mm long	1
	Crossbar X Limit Trigger  M3 10mm standoff, 4.5mm wide  M4 Shoulder Screw, 25mm long  M5 Shim, 0.2mm thick  20T Idler pulley, 2GT, 5mm bore  20T toothless idler, 5mm bore  Printed Pulley Spacer  Right Crossbar Pulley Reinforcement Plate

	Created by:	last edited:
BY	Joshua Vasquez	4/28/2020
	SCALE: 1:1	SHEET 5 OF 8

В

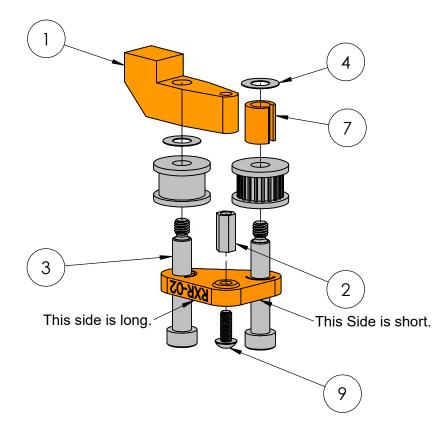
A

В

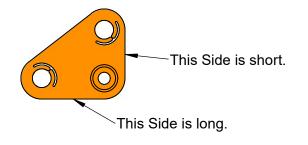
2

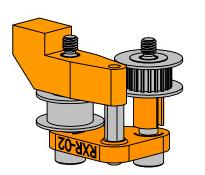
•

Note: This assembly step is for the genuine Gates brand pulleys only. If you are using generic brand pulleys, skip this page.



Note the orientation of the Reinforcement Plate





ITEM NO.	DESCRIPTION	
1	Crossbar X Limit Trigger	1
2	M3 10mm standoff, 4.5mm wide	1
3	M4 Shoulder Screw, 25mm long	2
4	M5 Shim, 0.2mm thick	2
5	20T Idler pulley, 2GT, 5mm bore	1
6	20T toothless idler, 5mm bore	1
7	Printed Pulley Spacer	1
8	Right Crossbar Pulley Reinforcement Plate	1
9	M3 Buttonhead Screw, 8mm long	1

Right Crossbar	Gates Pulley	Assembly
----------------	--------------	----------

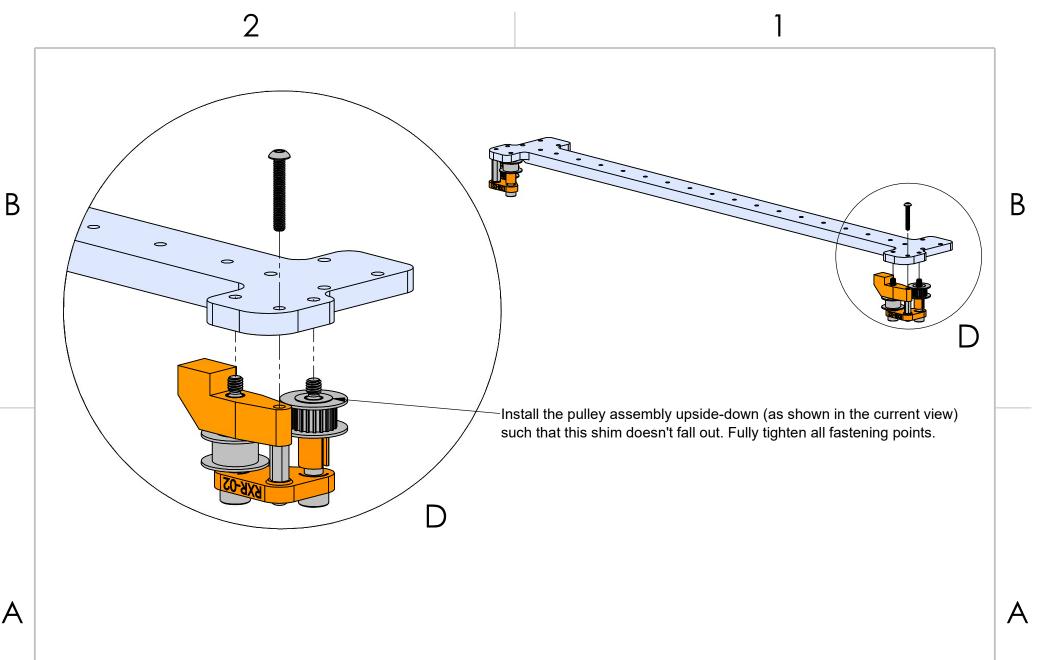
	Created by:	last edited:
BY	Joshua Vasquez	4/28/2020
	SCALE: 1:1	SHEET 6 OF 8

В

Δ

В

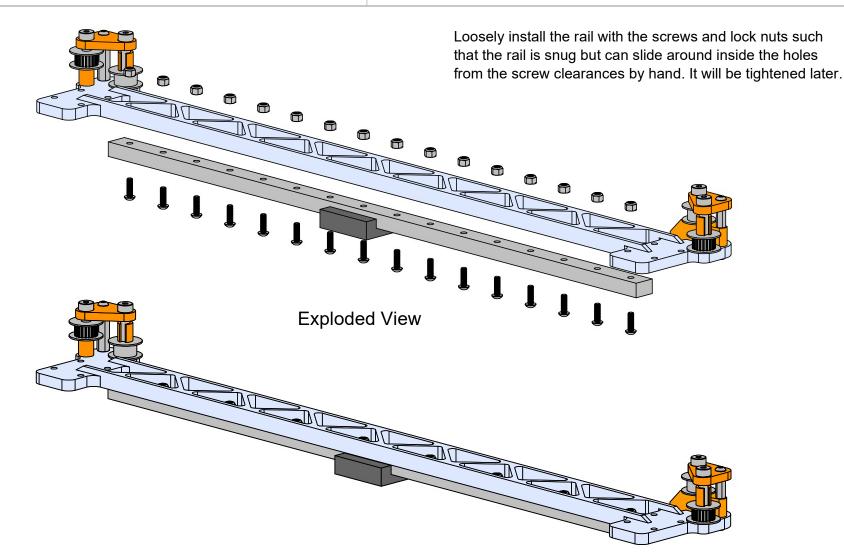
2



ITEM NO.	DESCRIPTION	QTY.
1	Crossbar Assembly	1
2	M3 Buttonhead Screw, 20mm long	1
4	Right Crossbar Pulley Assembly	1

Right Crossbar Pulley Installation				
© BY	Created by:	last edited:		
	No. of the last of	Joshua Vasquez	4/28/2020	
		SCALE: 1:3	SHEET 7 OF 8	





A

В

DESCRIPTION	QTY.
M3 Buttonhead Screw, 16mm long	1
M3 Buttonhead Screw, 10mm long	17
395mm long MGN12 rail	1
M3 Locknut	16
MGN12C Carriage Block	1
	M3 Buttonhead Screw, 16mm long M3 Buttonhead Screw, 10mm long 395mm long MGN12 rail M3 Locknut

**Assembled View** 

Rail Installation				
© BY	Created by: Joshua Vasquez	last edited: 4/28/2020		
	SCALE: 1:2	SHEET 8 OF 8		

В