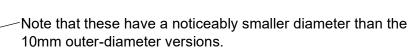
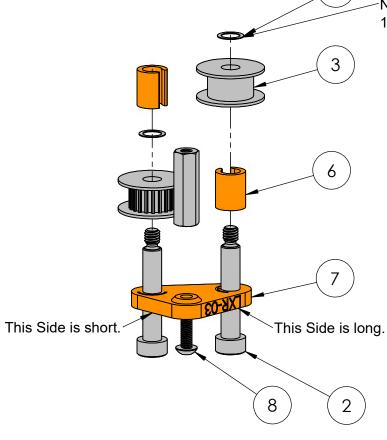
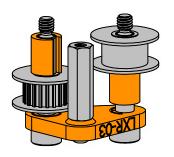


Note: This assembly step is for the generic brand pulleys only. If you are using genuine Gates brand pulleys, skip this page and see the next page.



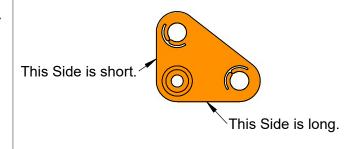
В





ITEM NO.	DESCRIPTION	QTY
1	M3 Standoff, 20mm long, 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, 7mm OD	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



ıb	ly	
r	nb	nbly

В

	Created by:	last edited:
BY	Joshua Vasquez	6/7/2020
	SCALE: 1:1	SHEET 2 OF 8

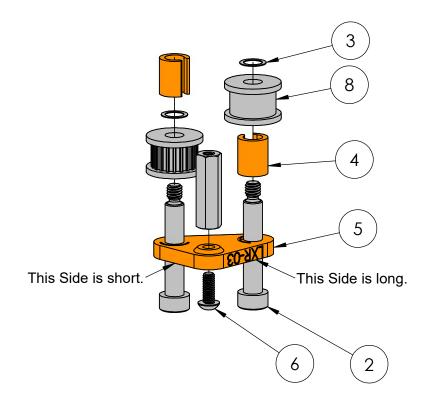
2

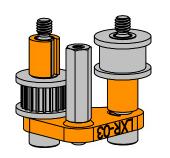
1

В

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

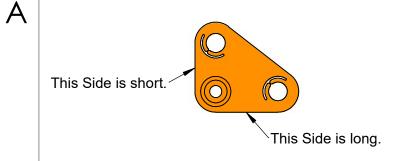
В





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

Note the orientation of the Reinforcement Plate

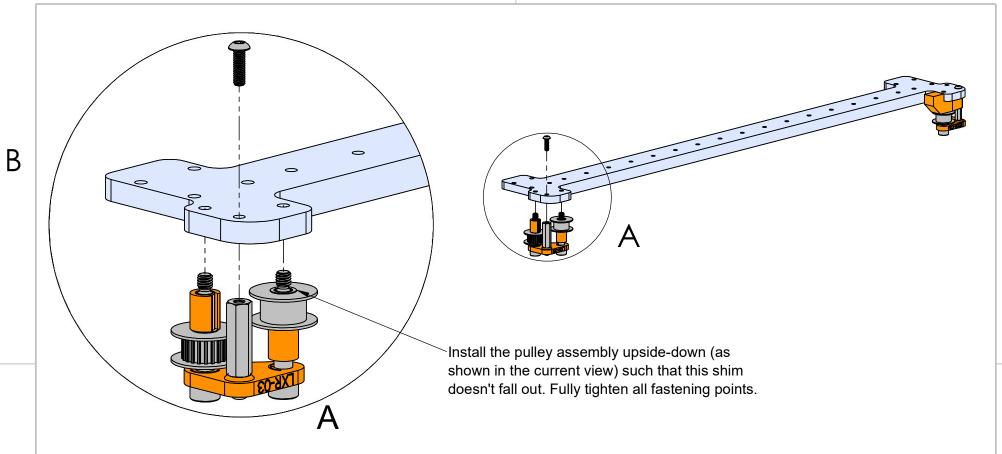


Left Crossbar Gates	Pulley Assembly
---------------------	-----------------

	Created by:	last edited:
BY	Joshua Vasquez	6/7/2020
	SCALE: 1:1	SHEET 3 OF 8

2





A

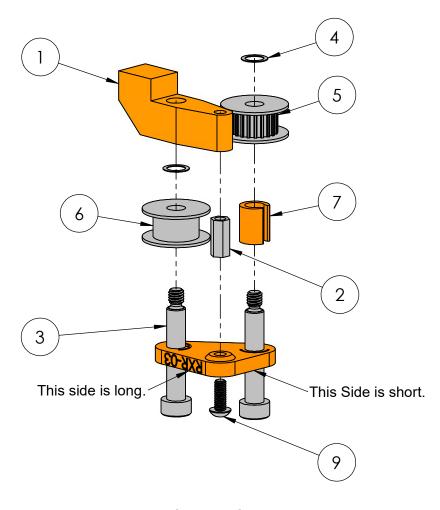
ITEM NO.	DESCRIPTION	QTY.
1	Pocketed Crossbar	1
2	Left Crossbar Pulley Assembly	1
3	M3 Buttonhead Screw, 10mm long	1

Left Crossbar Pulley Installation			
© BY		Created by: Joshua Vasquez	last edited: 6/7/2020
		SCALE: 1:3	SHEET 4 OF 8

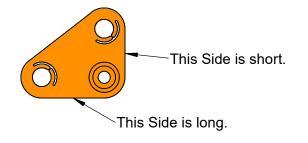
В

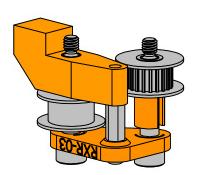
2

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





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, 7mm OD	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	Generic Pulley	Assembly
----------------	----------------	----------

	Created by:	last edited:
BY	Joshua Vasquez	6/7/2020
	SCALE: 1:1	SHEET 5 OF 8

В

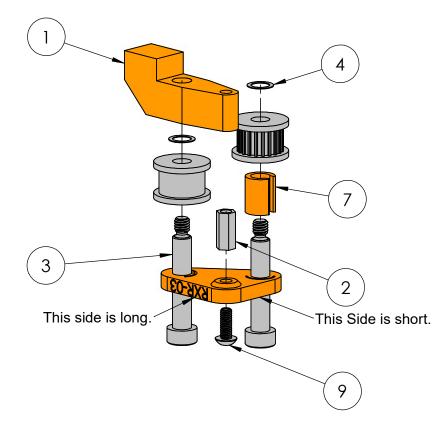
Α

В

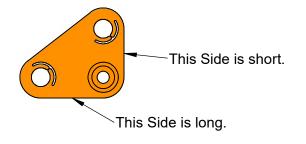
2

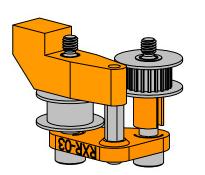
В

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





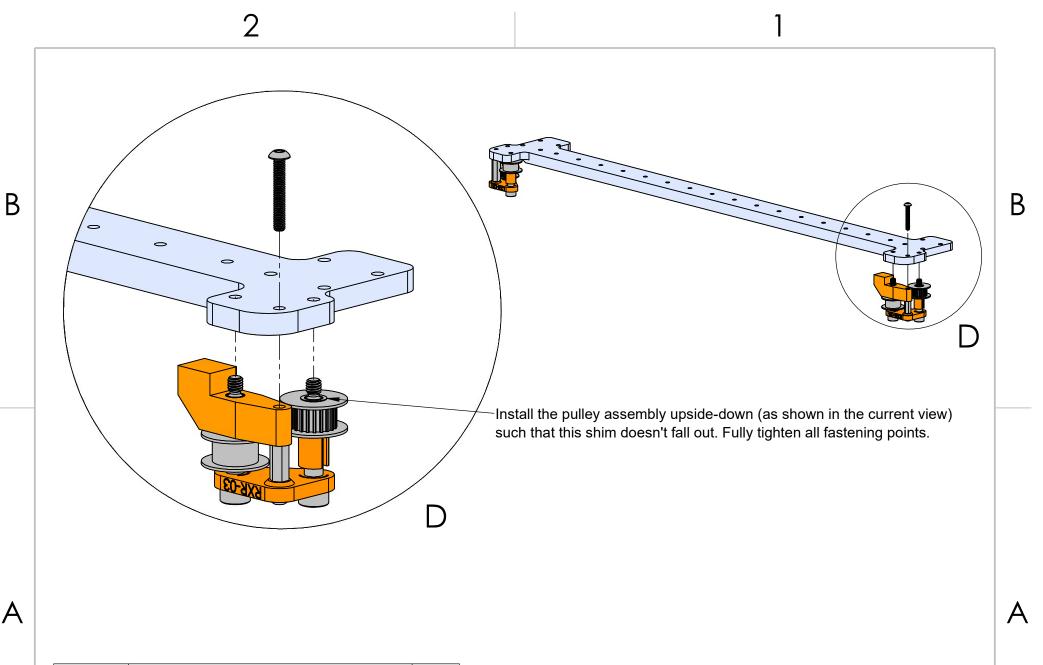
ITEM NO.	DESCRIPTION	
1	Crossbar X Limit Trigger	1
2	M3 10mm standoff, 4.5mm wide	1
3	M4 Shoulder Screw, 25mm long	2
4	M5 Shim, 0.2mm thick, 7mm OD	2
5	20T Idler pulley, 2GT, 5mm bore	1
6	20T toothless idler, 5mm bore	1
7	Printed Pulley Spacer	1
8	Right Crossbar Pulley Reinforcement Plate	1
9	M3 Buttonhead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

	Created by:	last edited:
BY	Joshua Vasquez	6/7/2020
	SCALE: 1:1	SHEET 6 OF 8

В

A

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:	
		Joshua Vasquez	6/7/2020
		SCALE: 1:3	SHEET 7 OF 8



Loosely install the rail with the screws and lock nuts such that the rail is snug but can slide around inside the holes from the screw clearances by hand. It will be tightened later. **Exploded View** 

**Assembled View** 

ITEM NO.	DESCRIPTION	
2	Crossbar with Pulley Assemblies	1
3	395 or 400mm long MGN12 rail	
4	MGN12C Carriage Block	
5	M3 Buttonhead Screw, 10mm long	16
6	6 M3 Locknut	

В

Rail Installation			
CC BY	Created by: Joshua Vasquez	last edited: 6/7/2020	
	SCALE: 1:2	SHEET 8 OF 8	

В

2