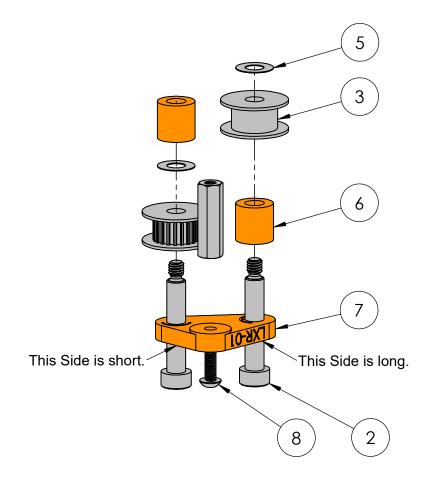


Note: This assembly step is for the generic brand pulleys only. If you are using genuine Gates brand pulleys, skip this page and see the next page.



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.

Note the orientation of the Reinforcement Plate

| ıb | ly |      |
|----|----|------|
| r  | nb | nbly |

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| BY | Joshua Vasquez | 4/12/2020    |
|    | SCALE: 1:1     | SHEET 2 OF 8 |

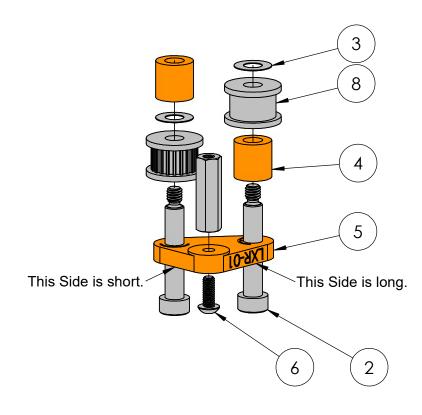
В

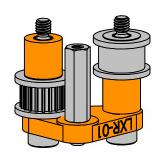
2

This Side is long.

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

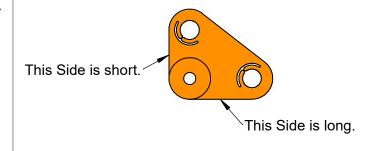
8

M3 20mm standoff, 6mm wide 1 2 M4 Shoulder Screw, 25mm long 2 20T toothless idler, 5mm bore 3 1 20T Idler pulley, 2GT, 5mm bore 1 4 5 M5 Shim, 0.2mm thick 2 6 **Printed Pulley Spacer** 2 Left Crossbar Pulley Reinforcement Plate 7

M3 Buttonhead Screw, 8mm long

**DESCRIPTION** 

Note the orientation of the Reinforcement Plate



## Left Crossbar Gates Pulley Assembly

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|      |    | SCALE: 1:1     | SHEET 3 OF 8 |

2

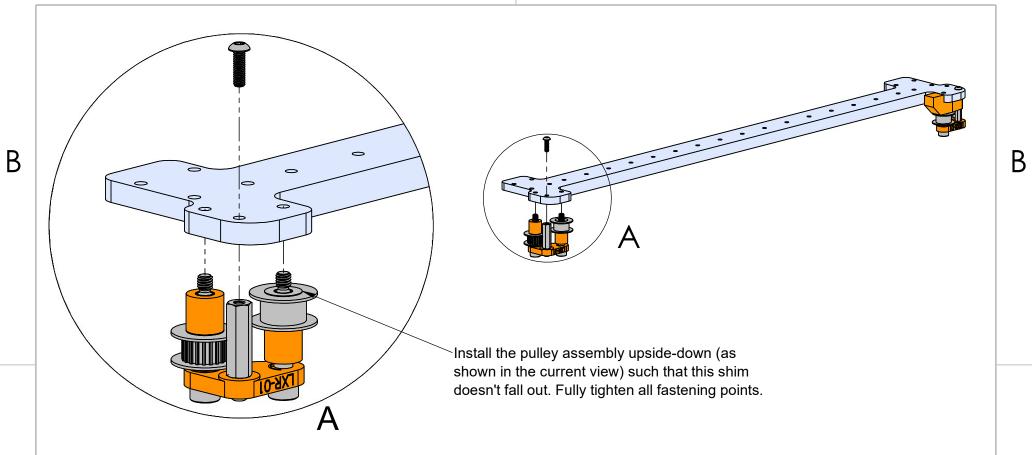
1

Α

1

В





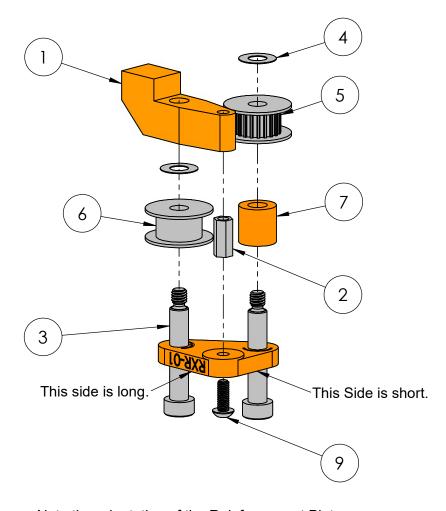
A

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

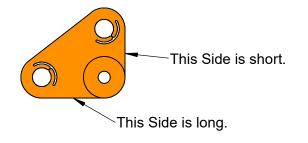
| Left Crossbar Pulley Installation |  |                            |                           |
|-----------------------------------|--|----------------------------|---------------------------|
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|                                   |  | SCALE: 1:3                 | SHEET 4 OF 8              |

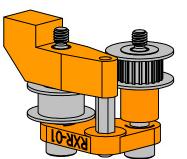
В

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





| 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 | Generic Pulle | y Assembly |
|----------------|---------------|------------|
|----------------|---------------|------------|

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|----|----|----------------|--------------|
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|    |    | SCALE: 1:1     | SHEET 5 OF 8 |

Α

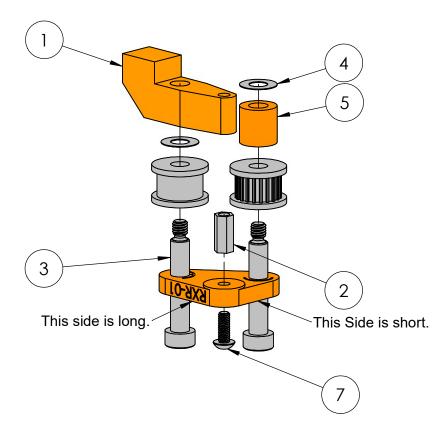
В

2

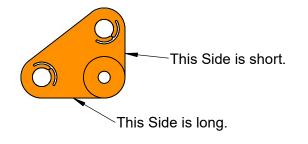
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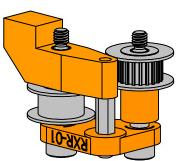
В

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



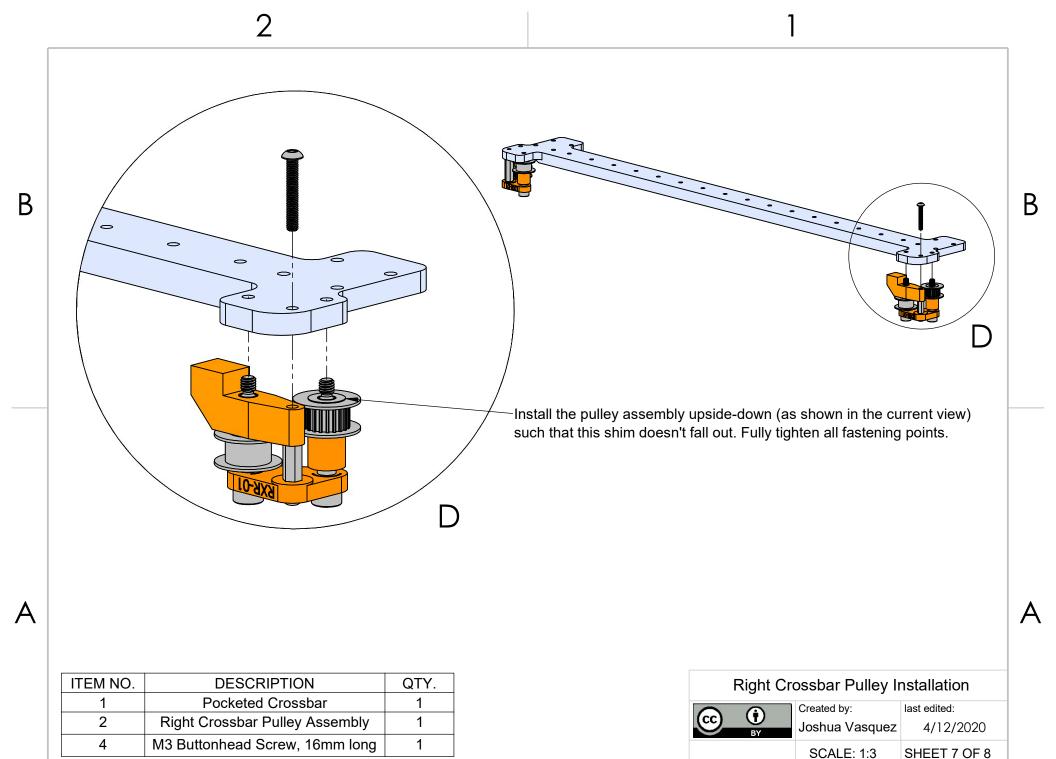


| ITEM NO. | DESCRIPTION                               |   |
|----------|---|---|
| 1        | Crossbar X Limit Trigger                  | 1 |
| 2        | M3 10mm standoff, 4.5mm wide              | 1 |
| 3        | M4 Shoulder Screw, 25mm long              | 2 |
| 4        | M5 Shim, 0.2mm thick                      | 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 |

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|    |                  | SCALE: 1:1                 | SHEET 6 OF 8              |

Α

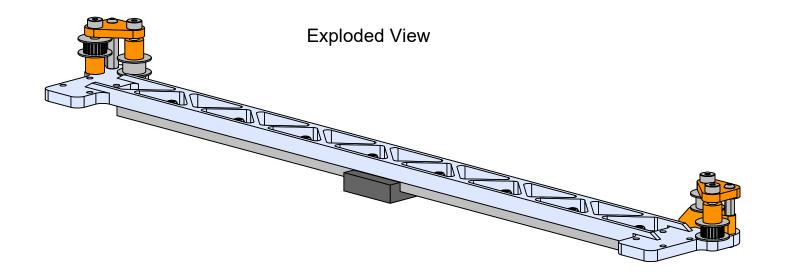
В





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.

В



A

| ITEM NO. | DESCRIPTION                    | QTY. |
|----------|--------------------------------|------|
| 4        | M3 Buttonhead Screw, 16mm long | 1    |
| 5        | M3 Buttonhead Screw, 10mm long |      |
| 6        | 395mm long MGN12 rail          | 1    |
| 7        | M3 Locknut 16                  |      |
| 8        | MGN12C Carriage Block          | 1    |

**Assembled View** 

| Rail Installation |                            |                           |  |  |
|-------------------|----------------------------|---------------------------|--|--|
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|                   | SCALE: 1:2                 | SHEET 8 OF 8              |  |  |

В