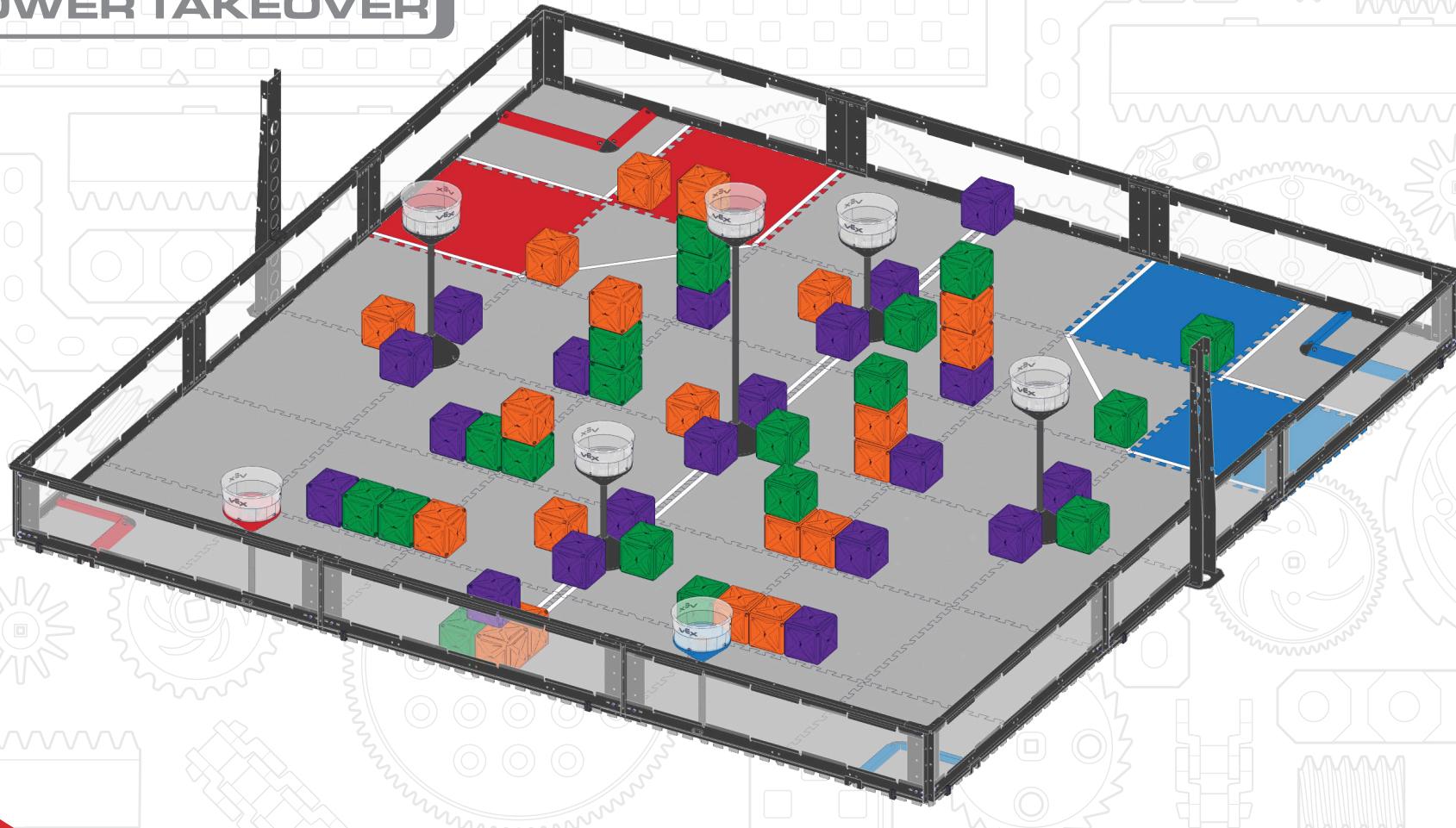




ROBOTICS COMPETITION

TOWER TAKEOVER



Field Build Instructions



276-6093-750

Parts List

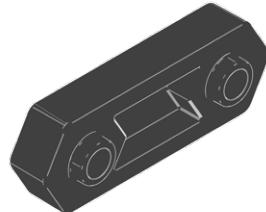
 **76x** 8-32 Nylock
276-1027-001

 **32x** 0.25 in
276-4990-001

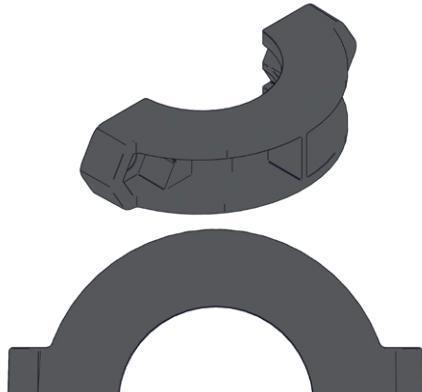
 **68x** 0.5 in
276-4992-001

 **8x** 0.625 in
276-4993-001

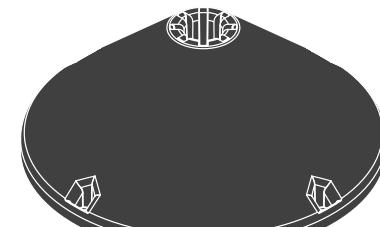
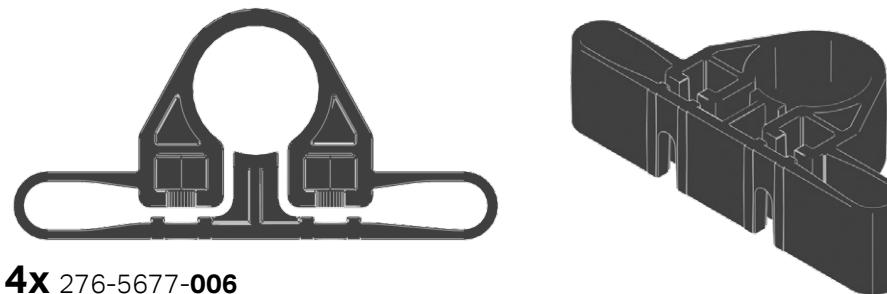
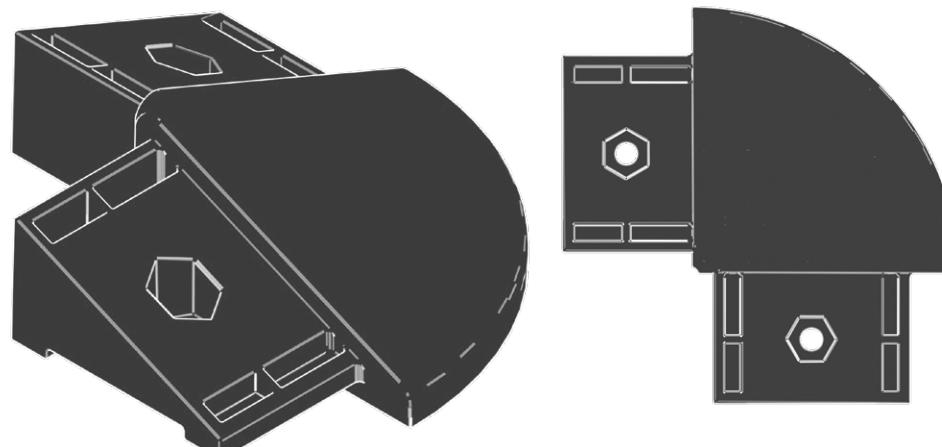
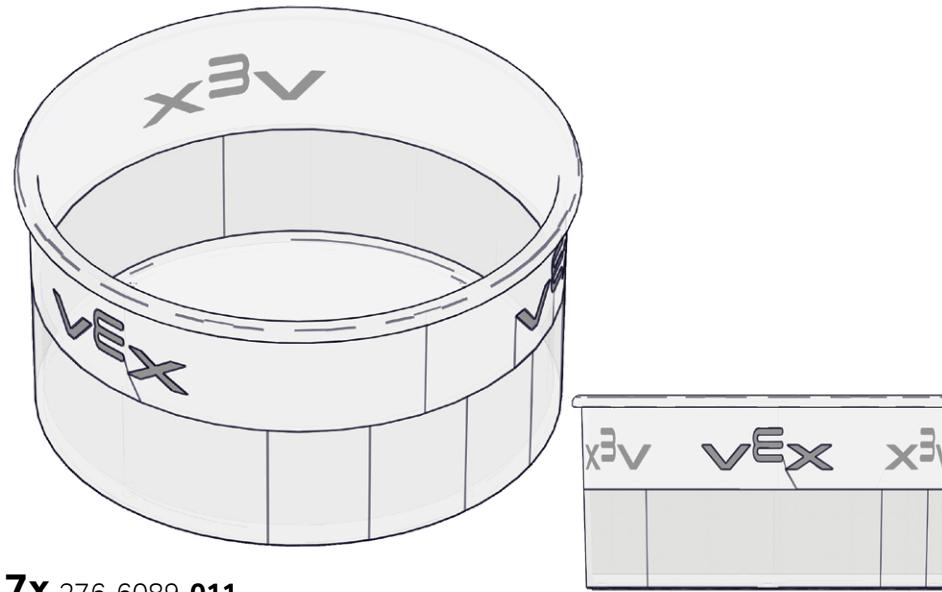
 **16x** 0.5 in
275-1014-001



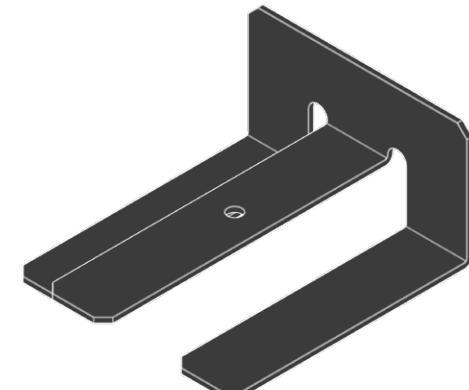
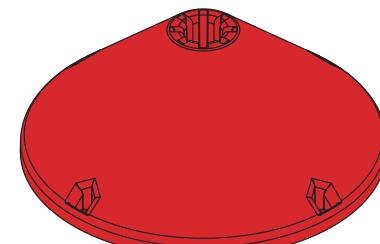
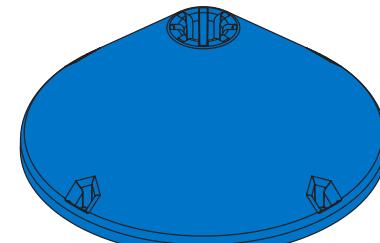
4x 276-5677-019



24x 276-6089-013



10x 276-6089-012

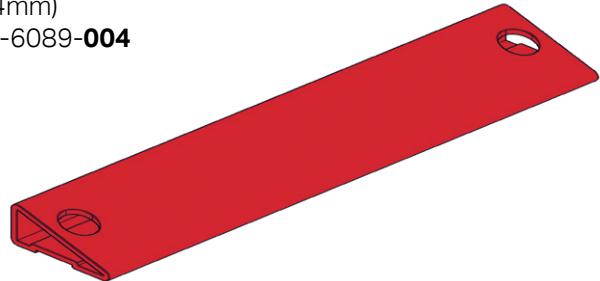


3x

10in

(254mm)

276-6089-004

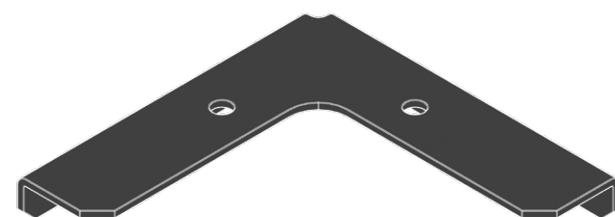
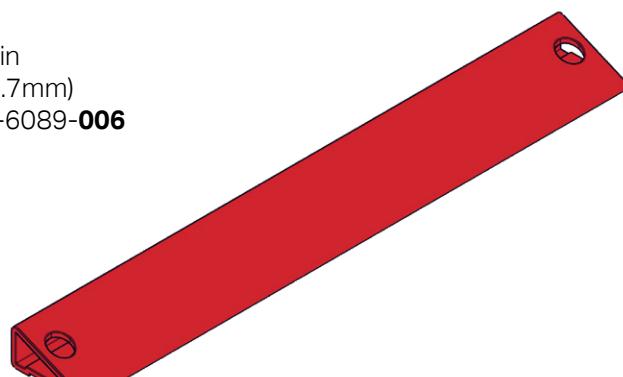


1x

15.5in

(393.7mm)

276-6089-006



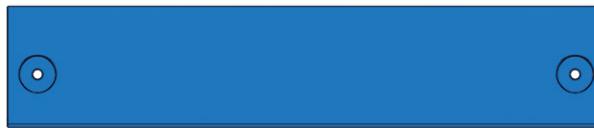
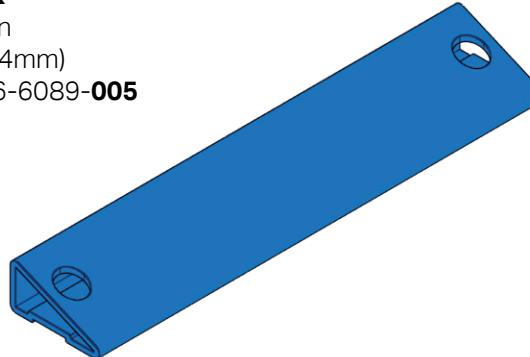
4x 276-6089-018

3x

10in

(254mm)

276-6089-005

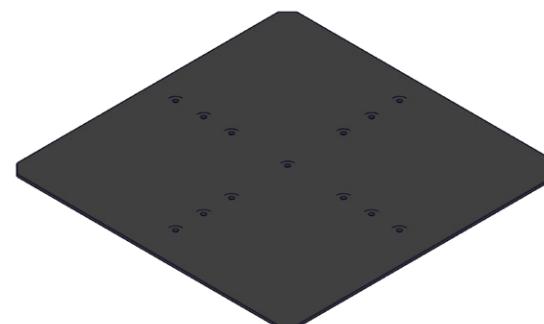
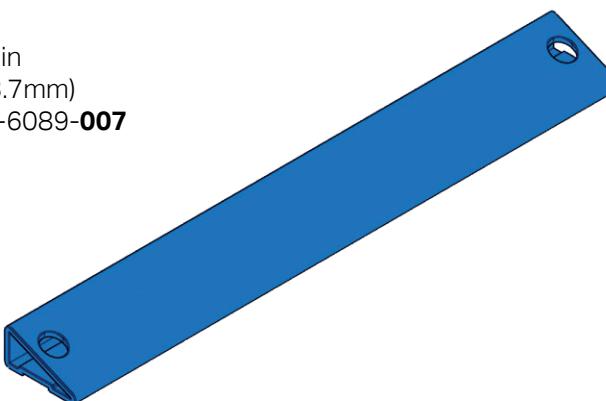


1x

15.5in

(393.7mm)

276-6089-007



5x 276-4847-011

1x

33.5 in

(850.9 mm) Pipe

276-6089-010



2x

20.25 in

(514.35 mm) Pipe

276-6089-009



4x

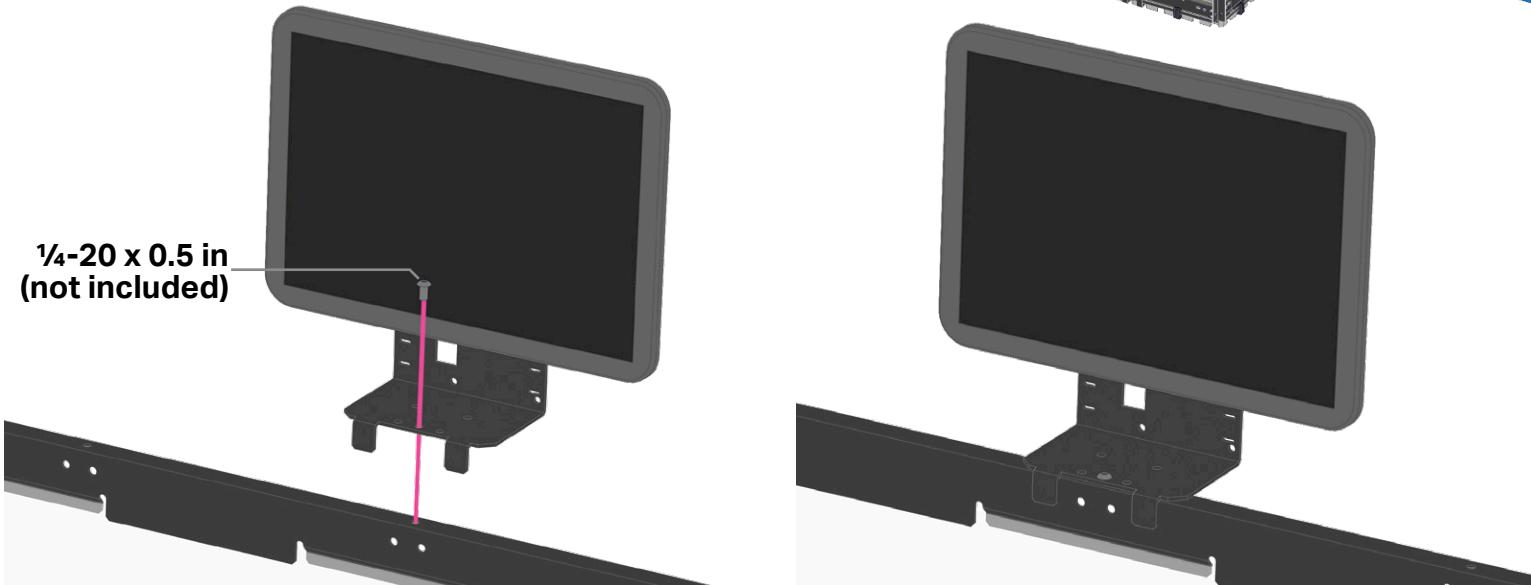
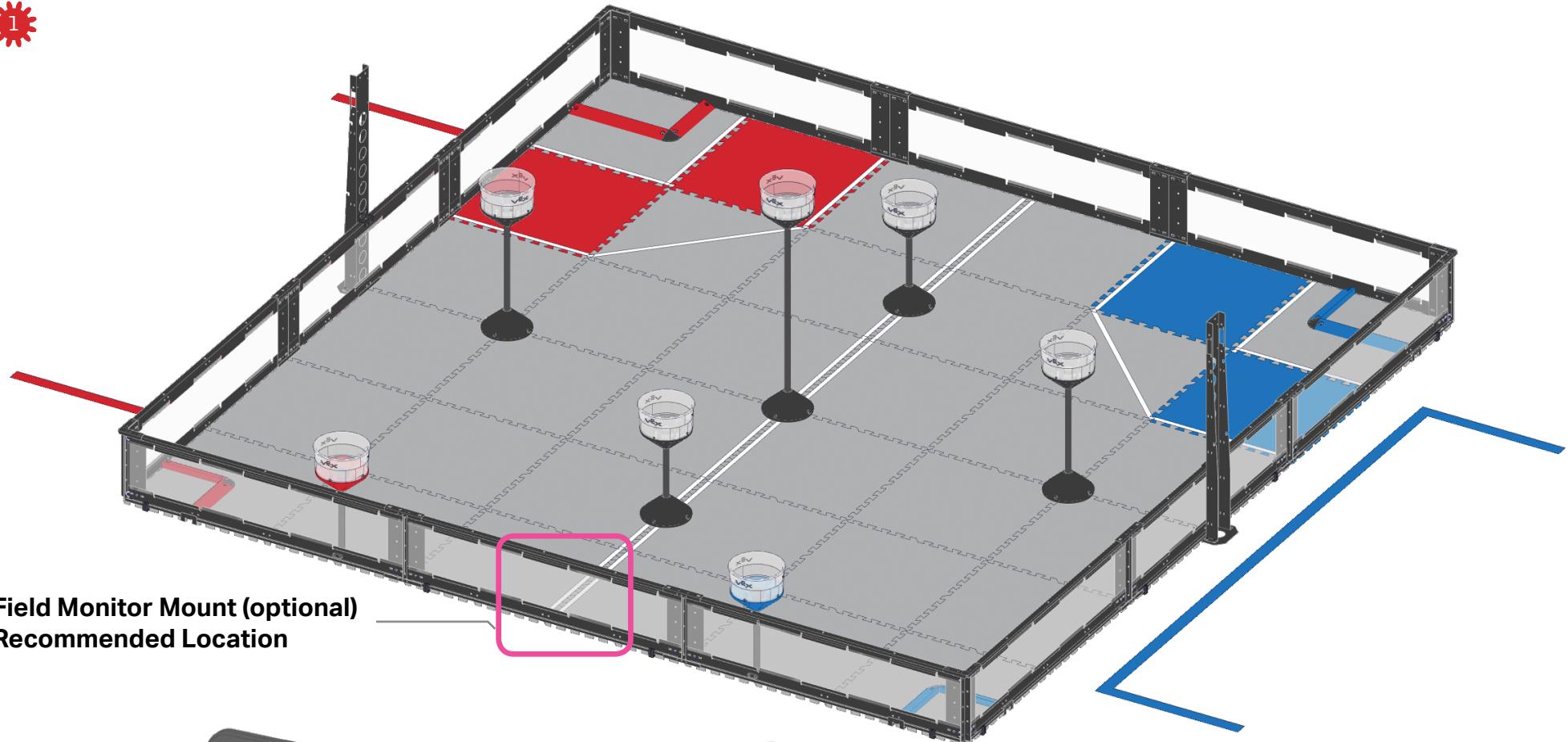
14.25 in

(361.95 mm) Pipe

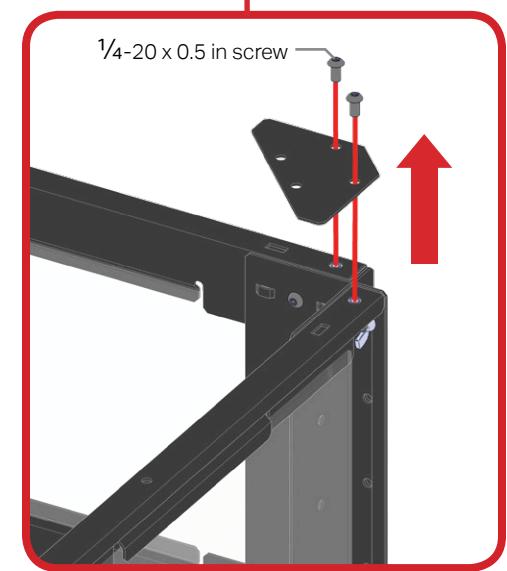
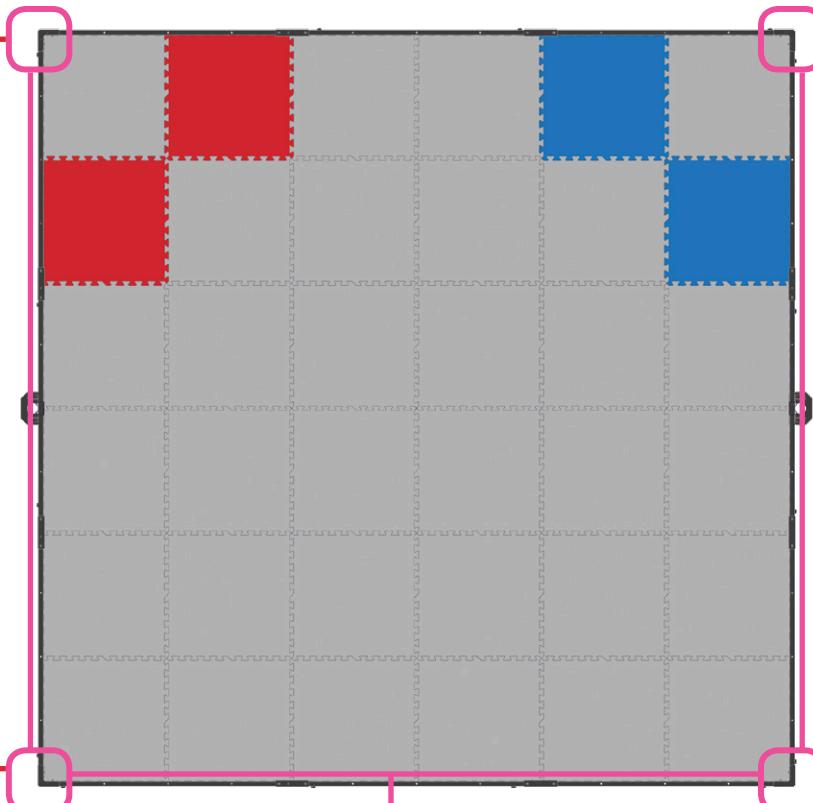
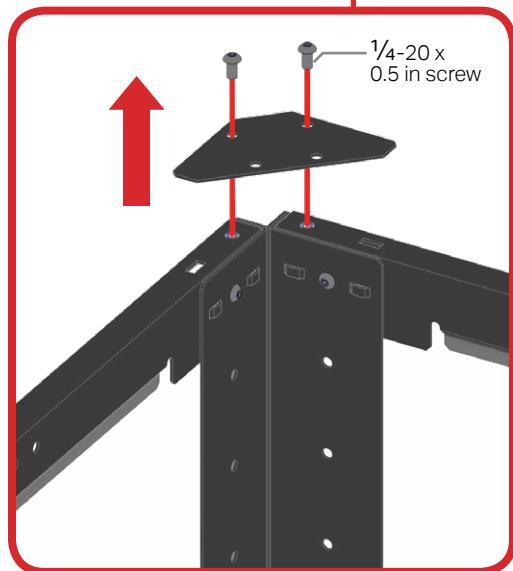
276-6089-008



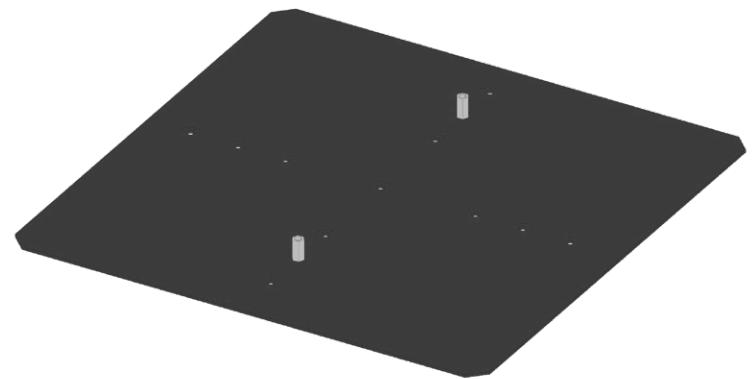
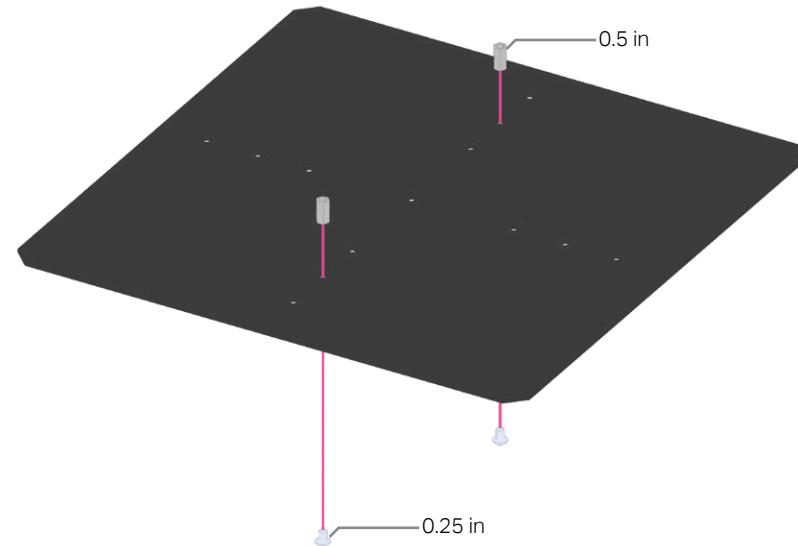
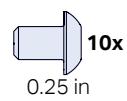
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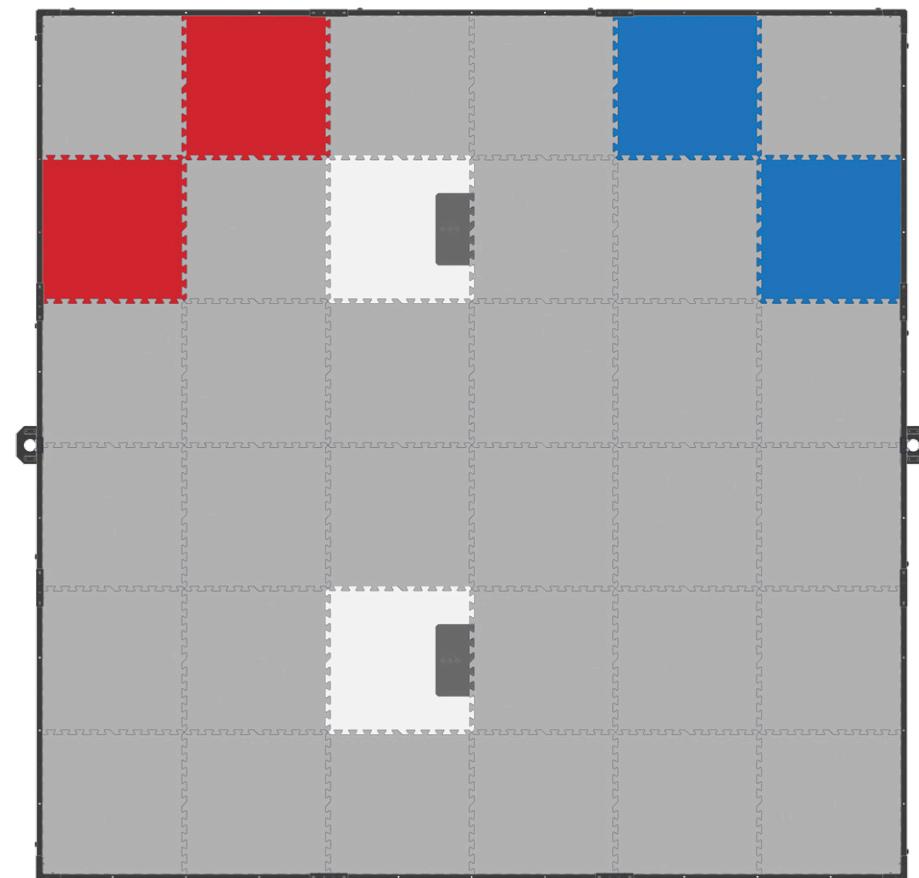
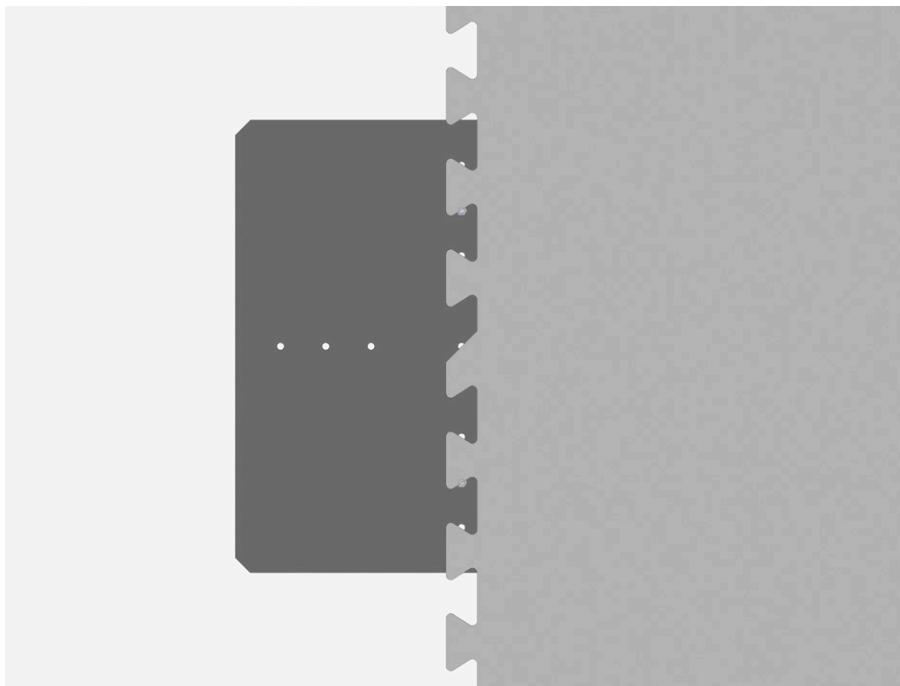
②



3 5X



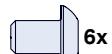
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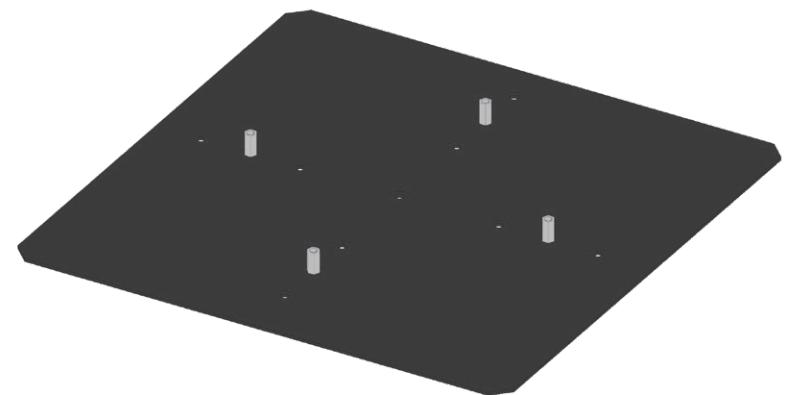
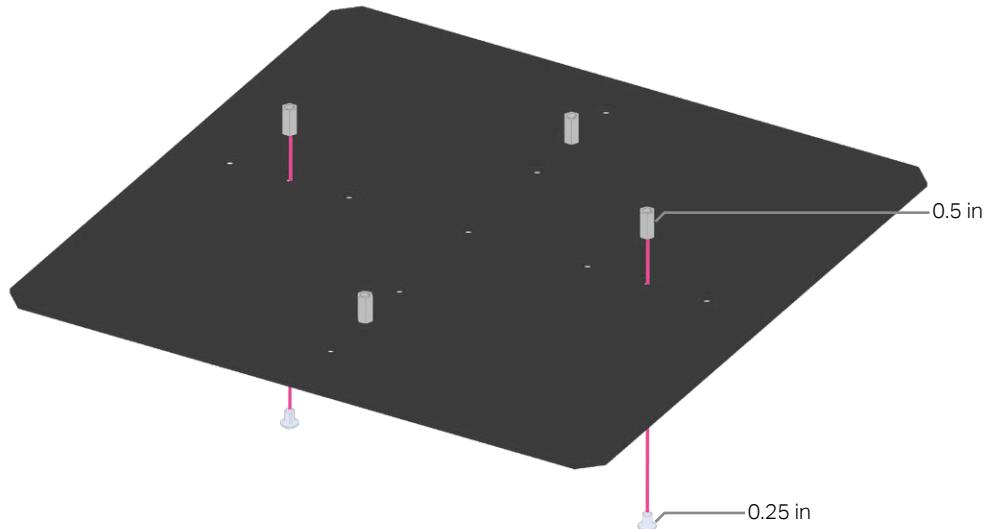
 **3X**



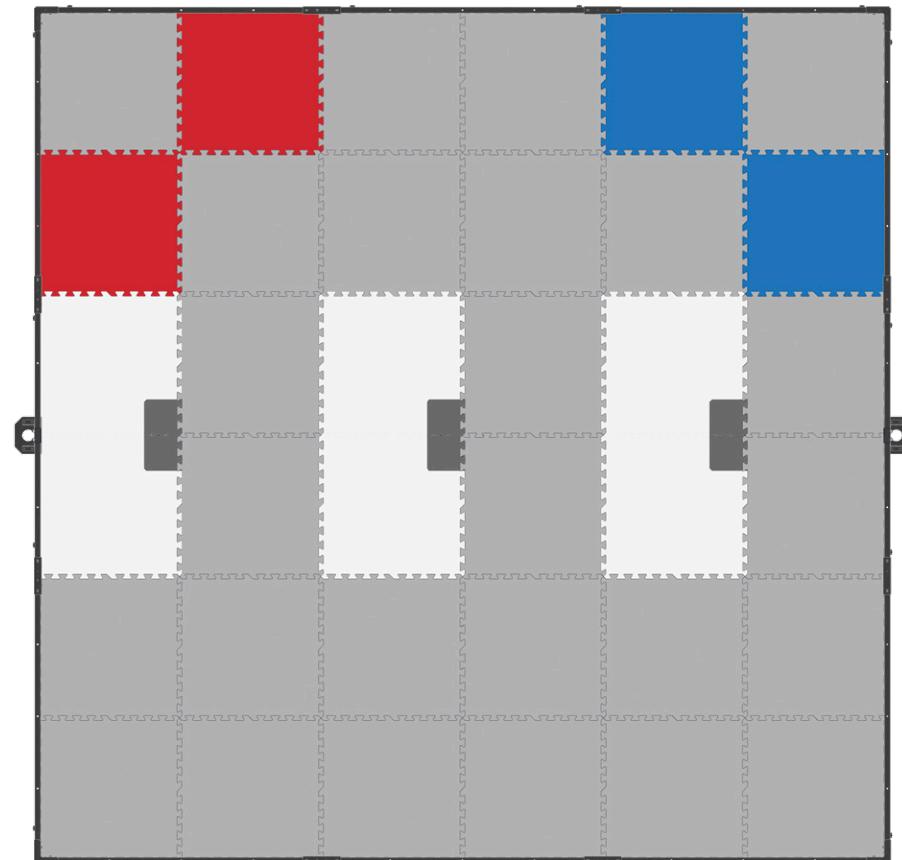
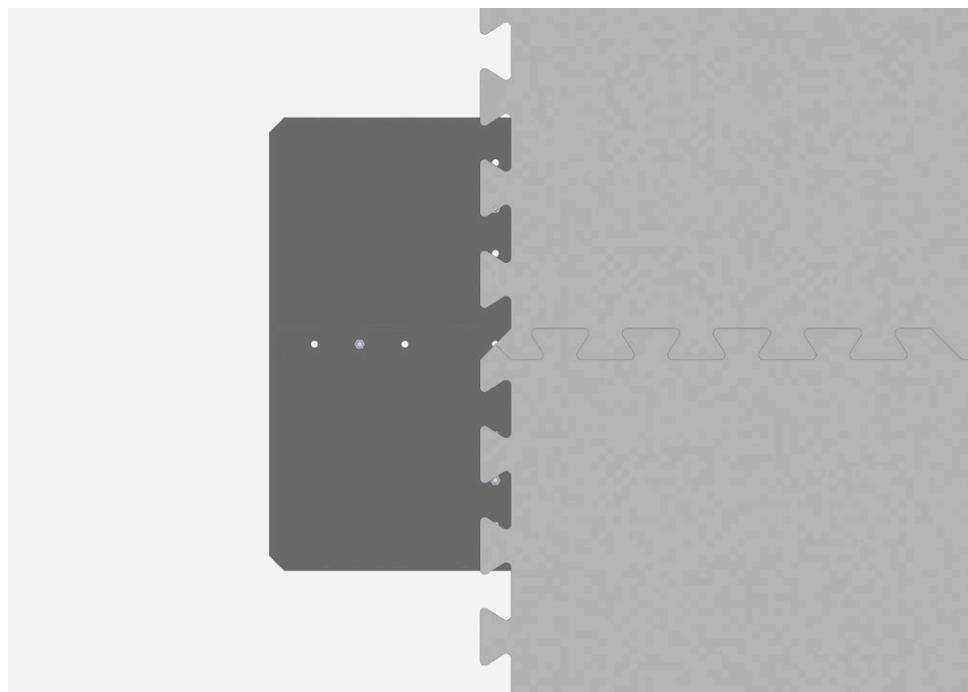
6x
0.5 in



6x
0.25 in



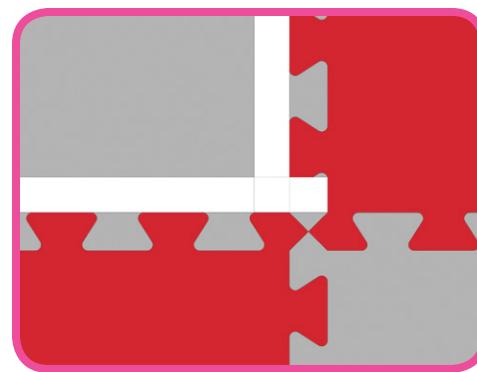
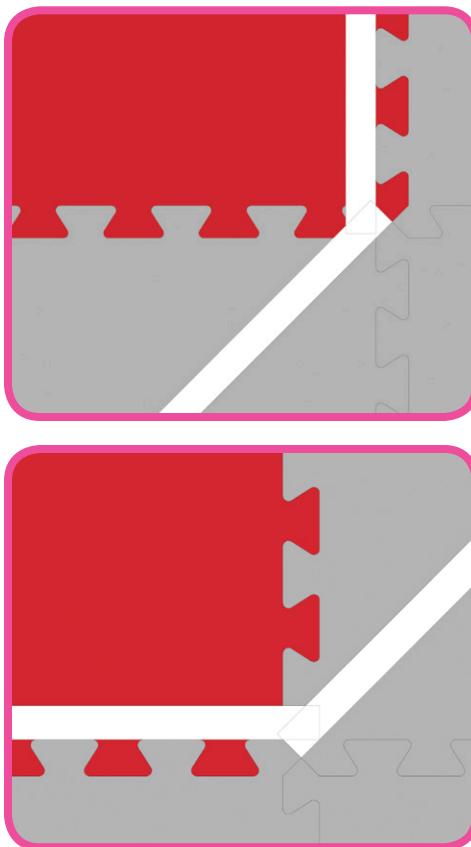
 **6**





There are (12x) strips of 3/4 in White Electrical Tape on the Field, as shown below:

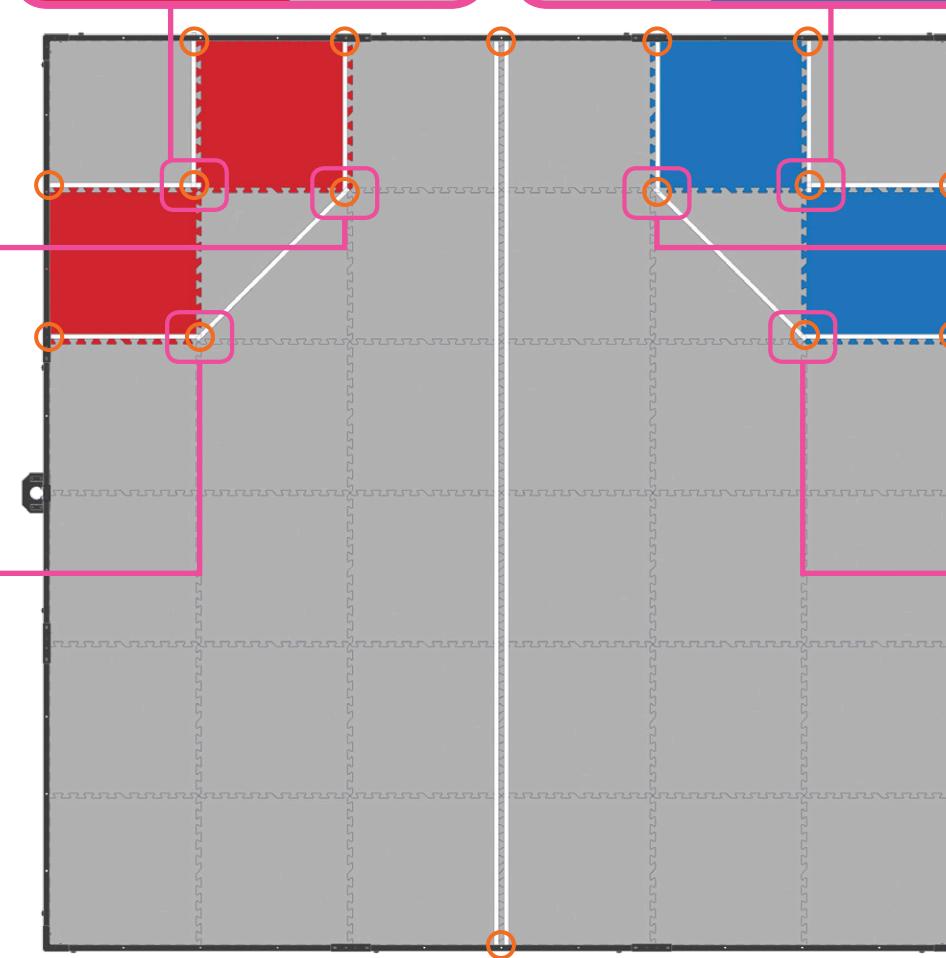
16x = Tuck tape under tile



IMPORTANT NOTE:

DO NOT stretch tape when applying to the foam tile floor. For best results, smooth out any bubbles that form during application.

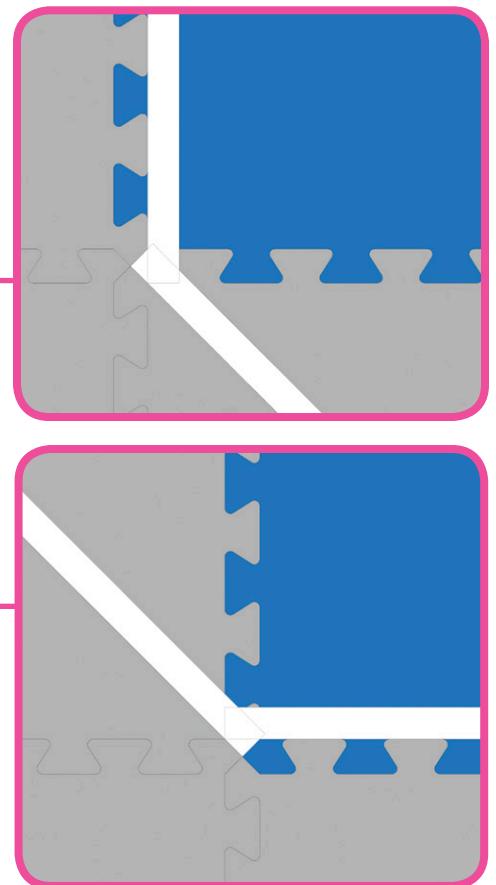
To prevent tape lines from being pulled up during competition, it is recommended that the ends of the tape are tucked into tile seams.



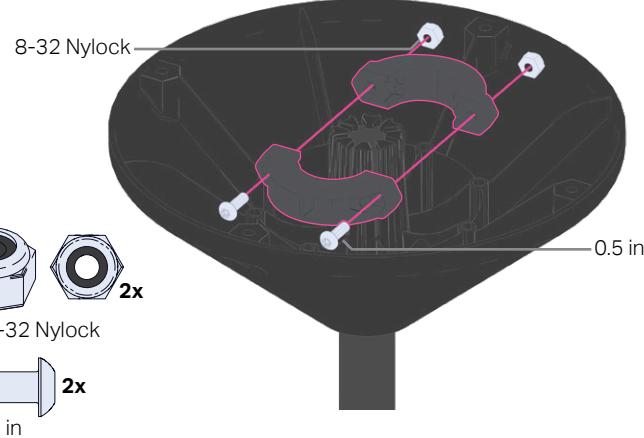
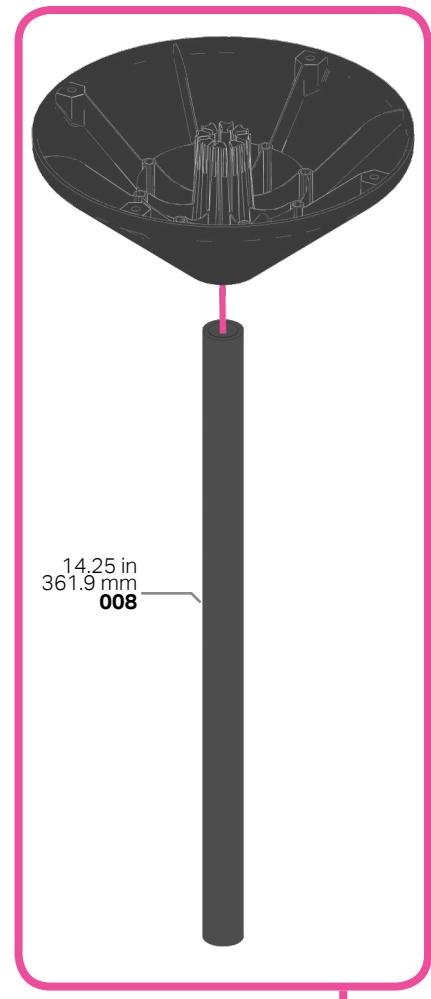
Note: Tabs on the foam tiles may be mirrored on your field.

Pro-Tip:

If the tiles will be used at multiple events, it is not necessary to remove the tape. Simply cut the tape at tile seams and note the order of the tiles when they are stored.



8

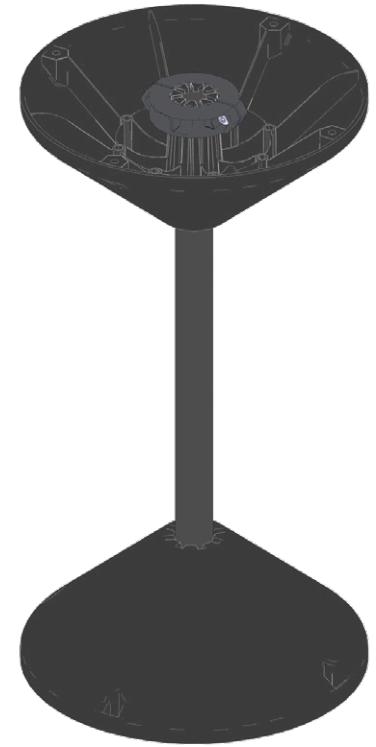
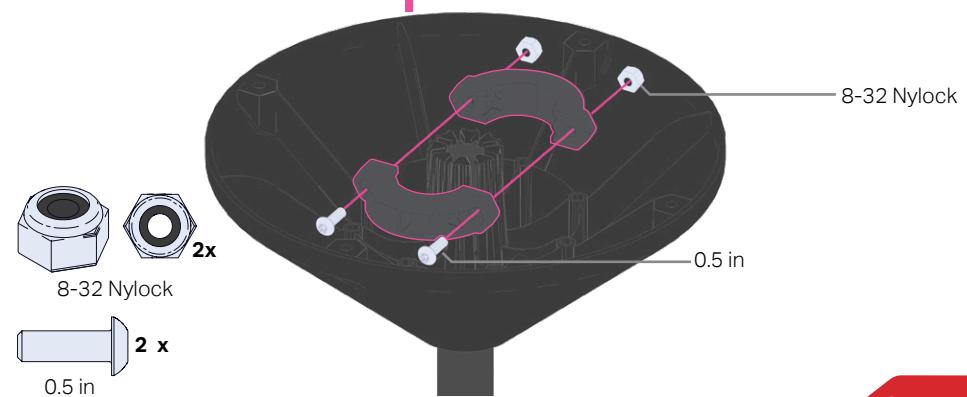
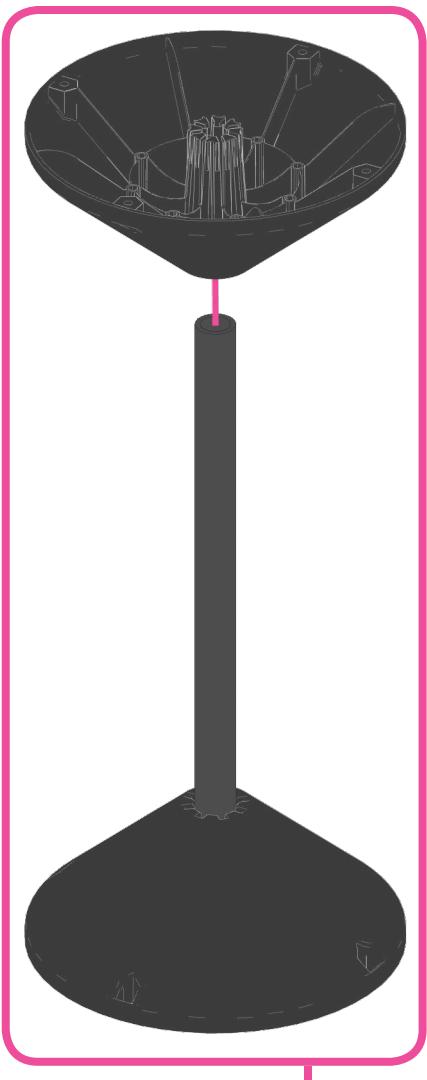


8-32 Nylock

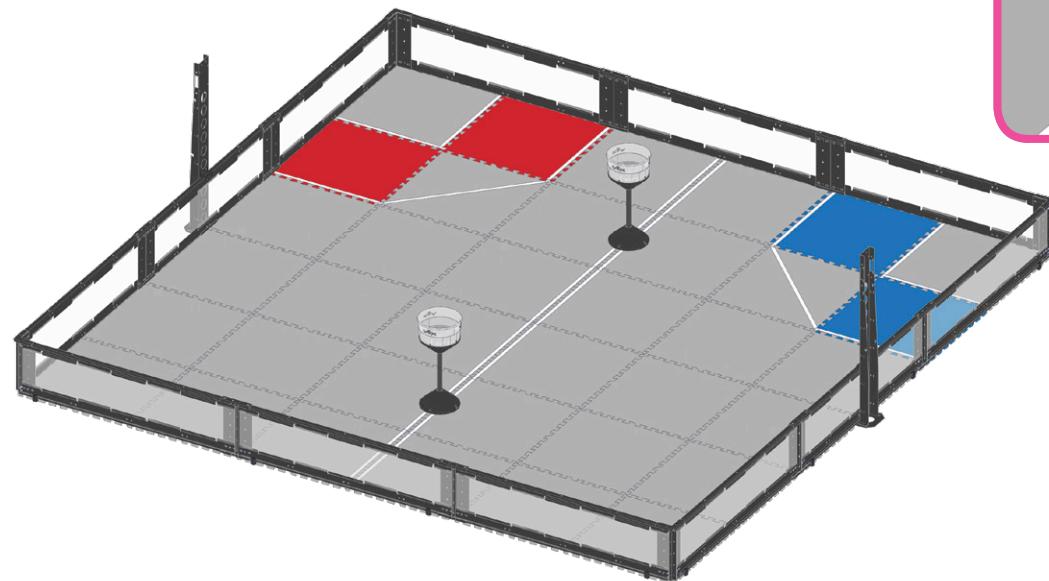
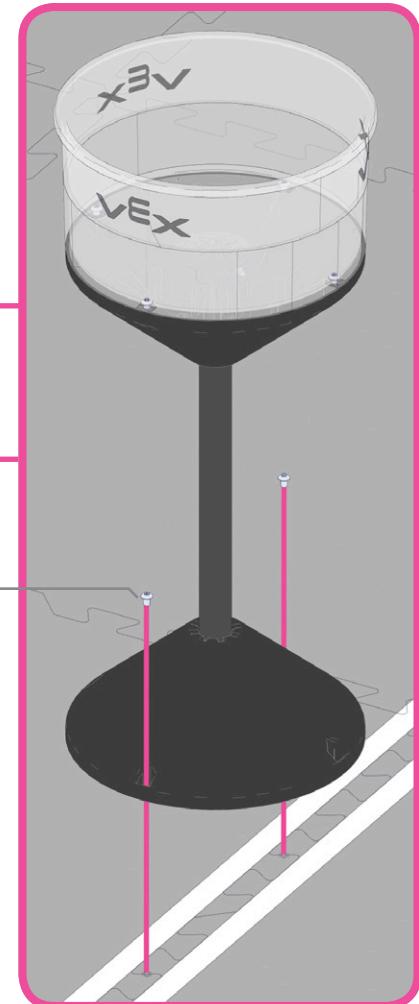
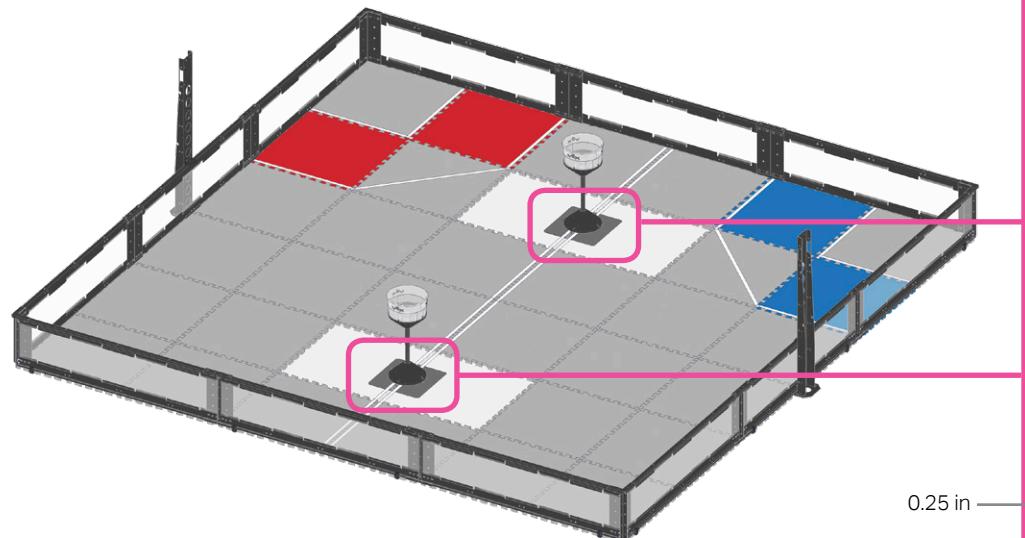
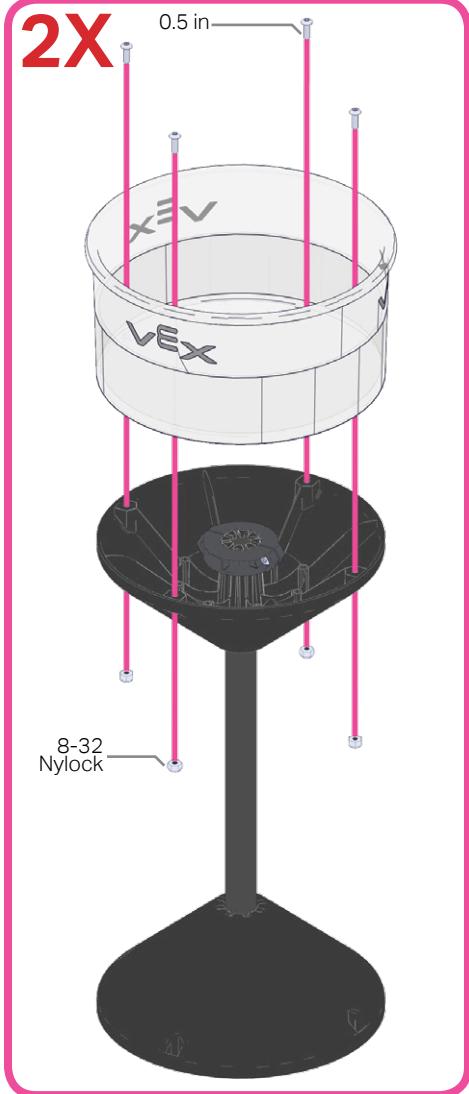


0.5 in

9



10

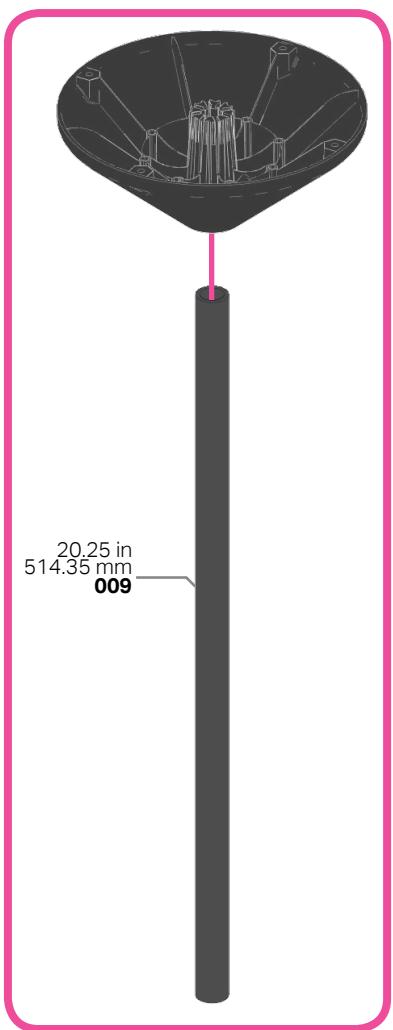


8x
8-32 Nylock

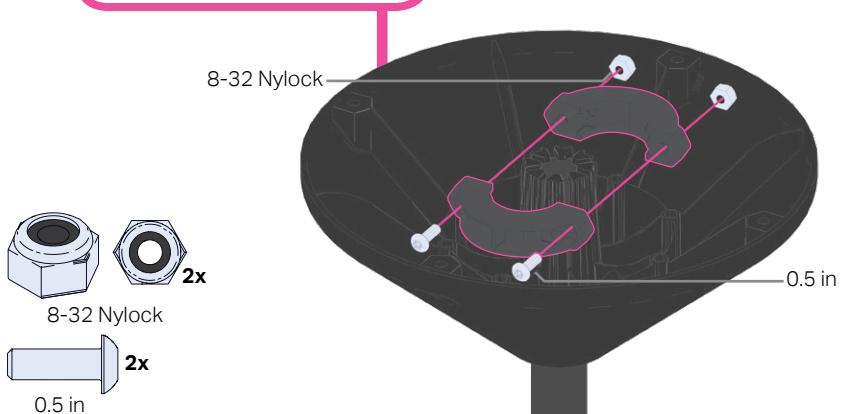
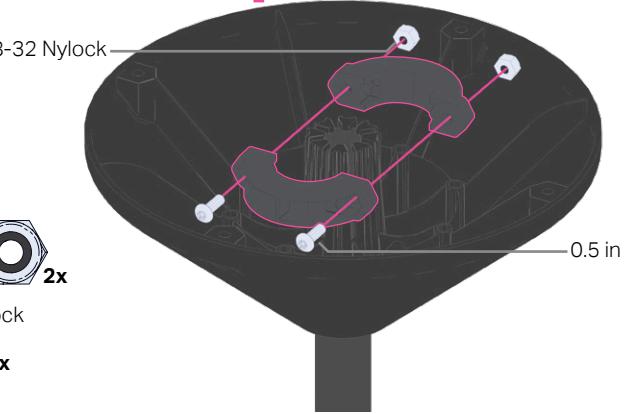
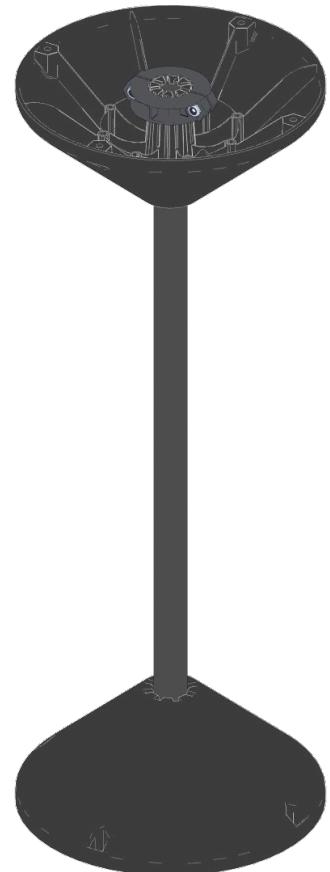
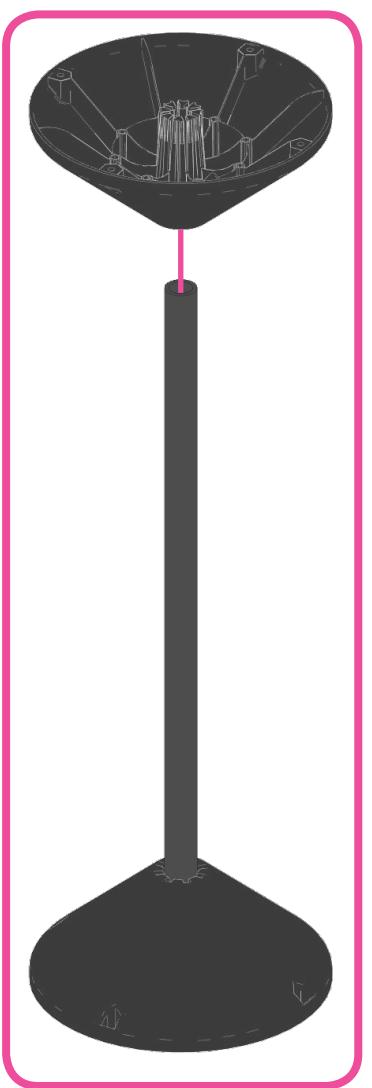
8x

0.5 in
 4x
0.25 in

11

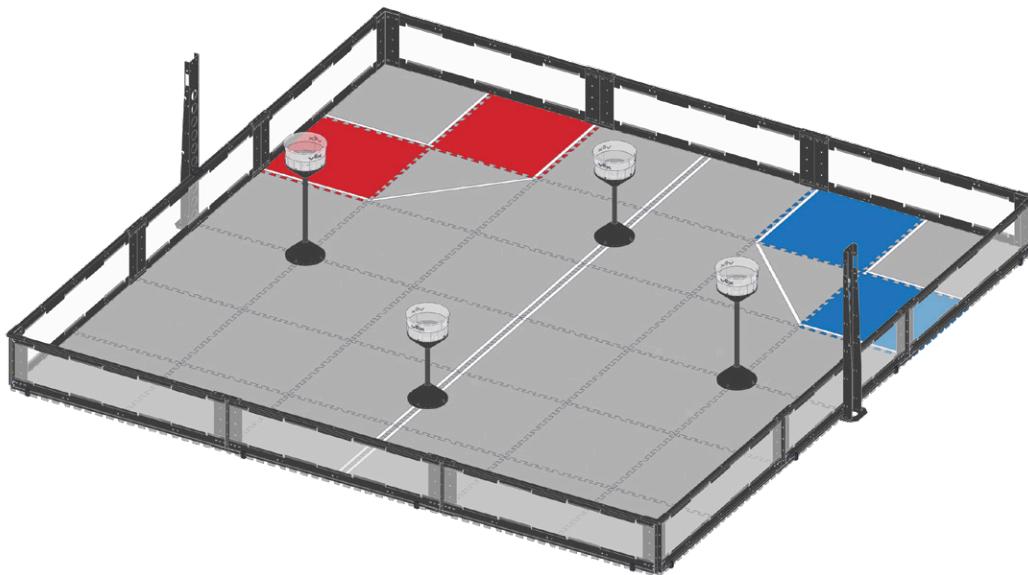
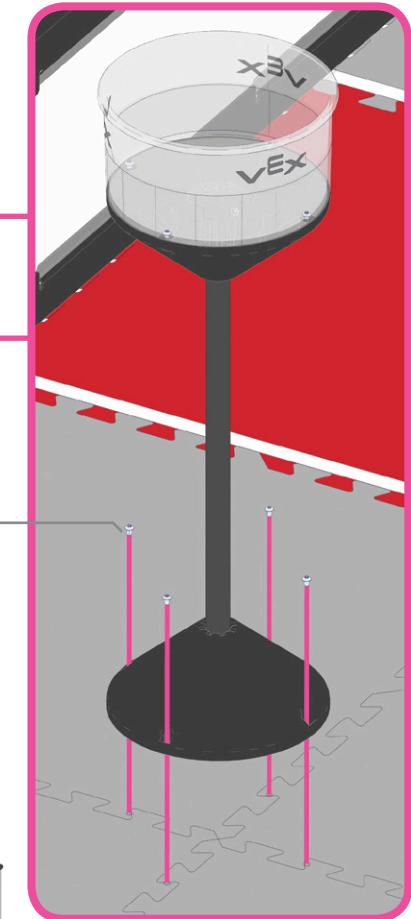
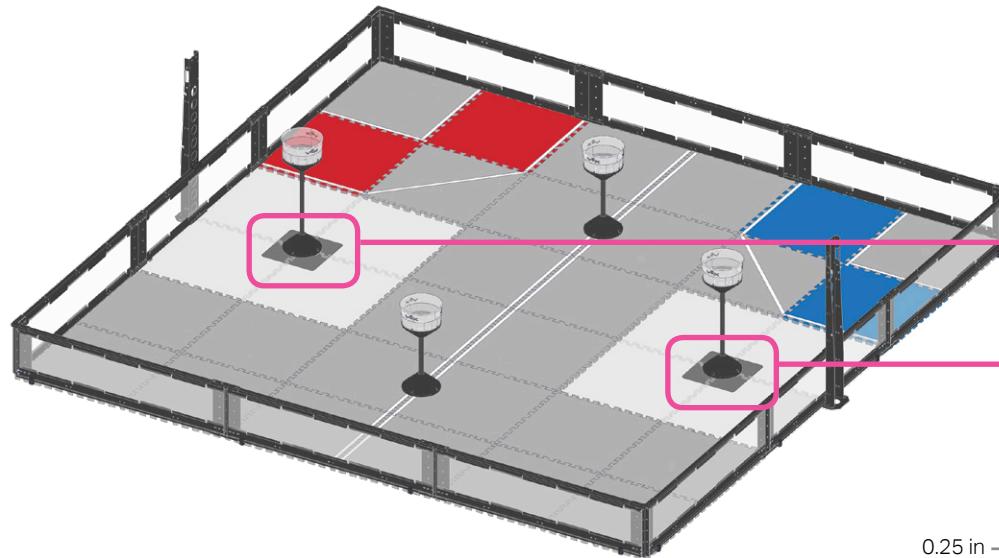
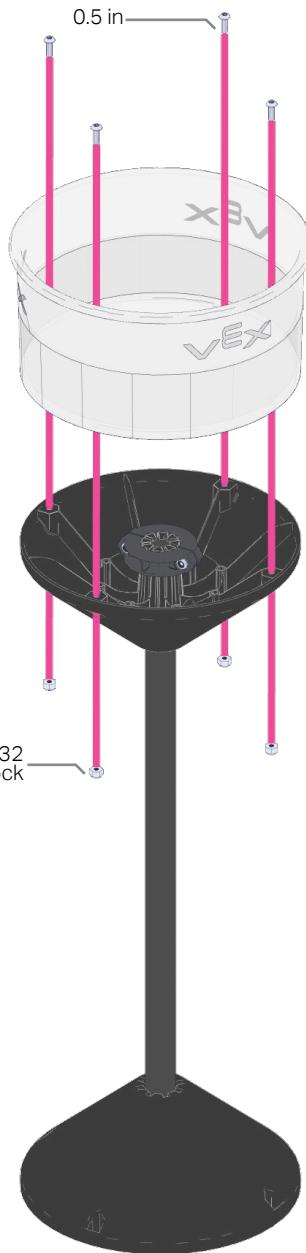


12



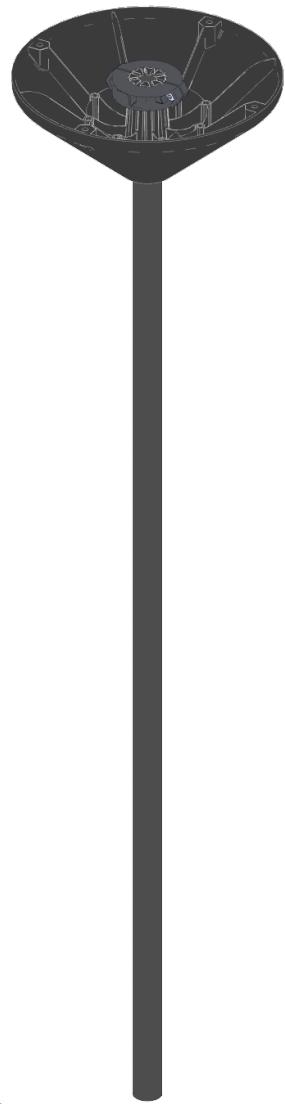
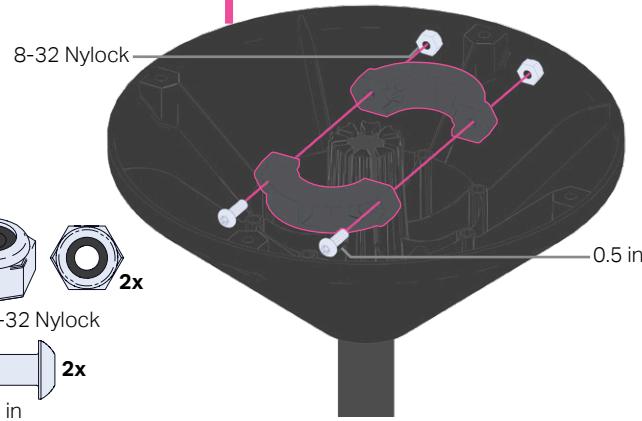
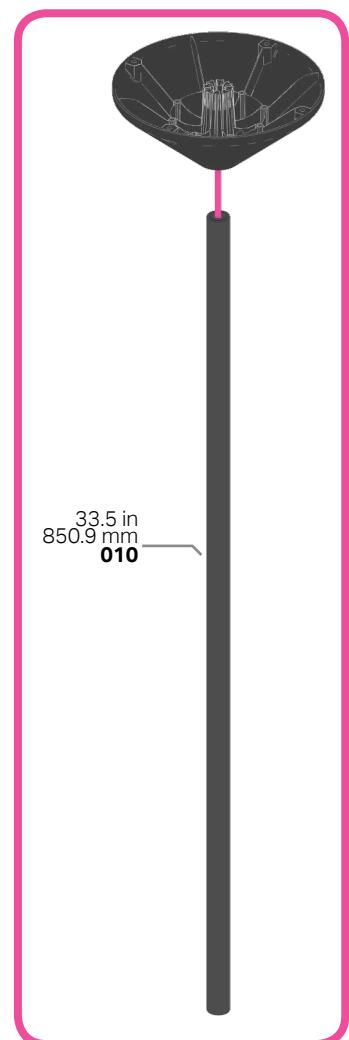


2X

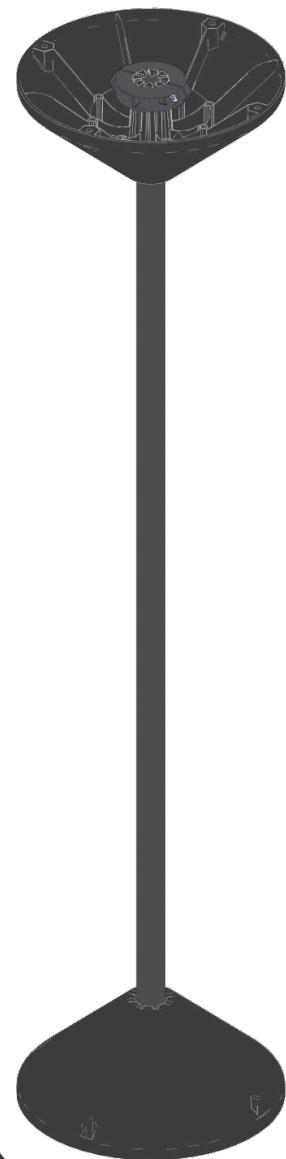
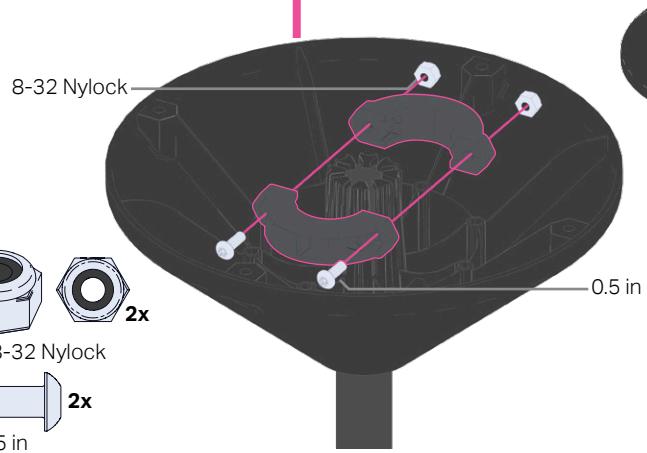
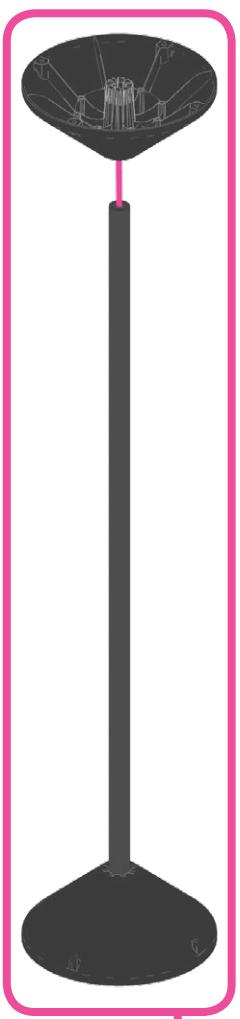


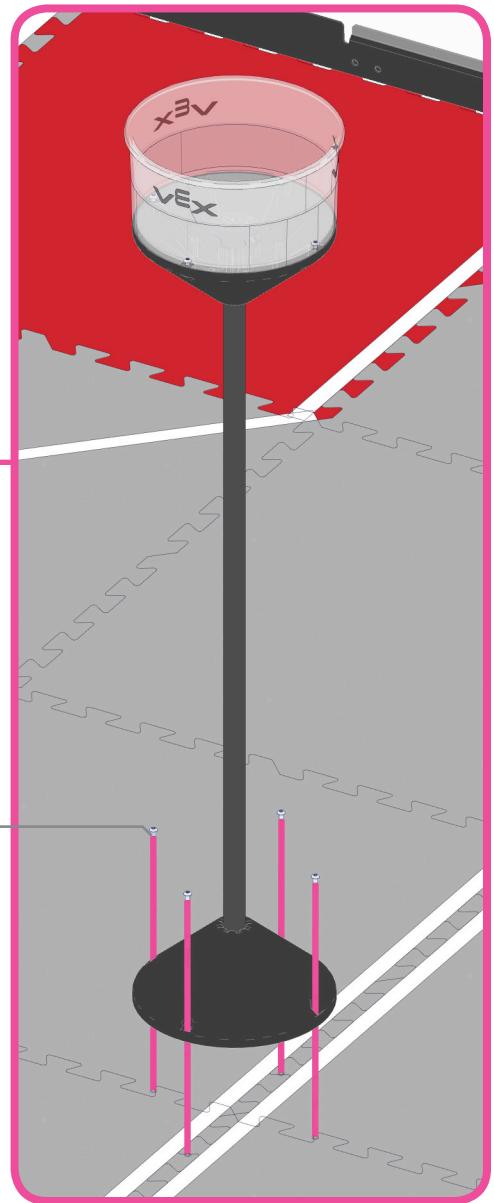
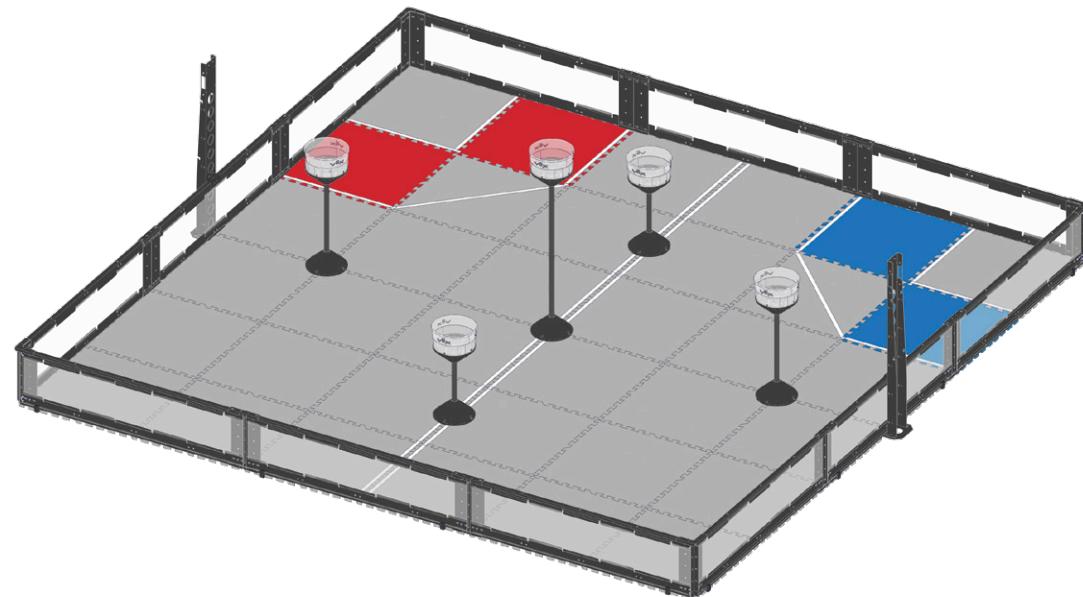
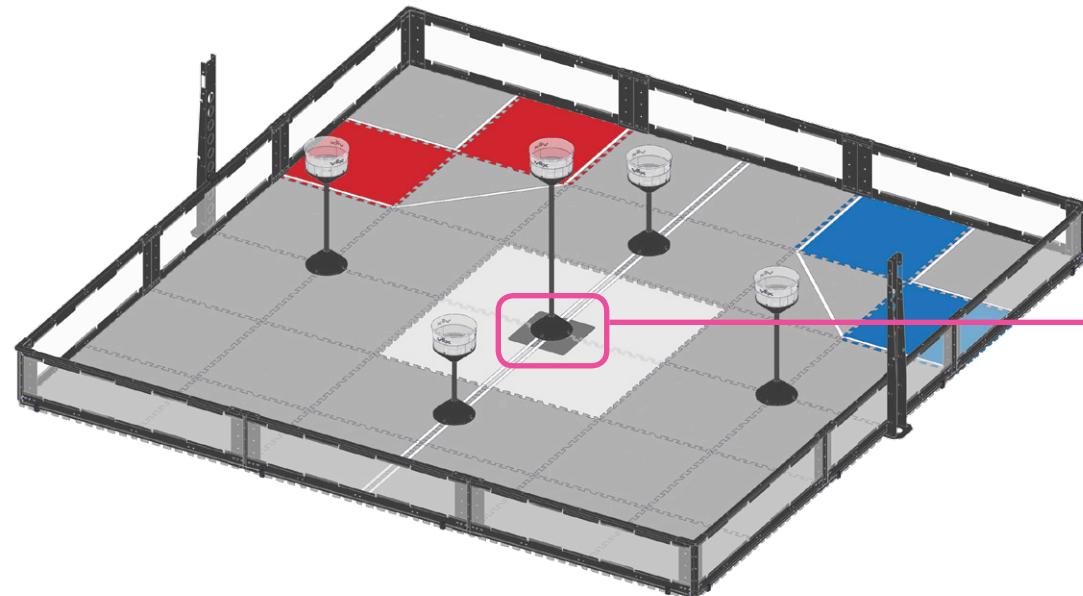
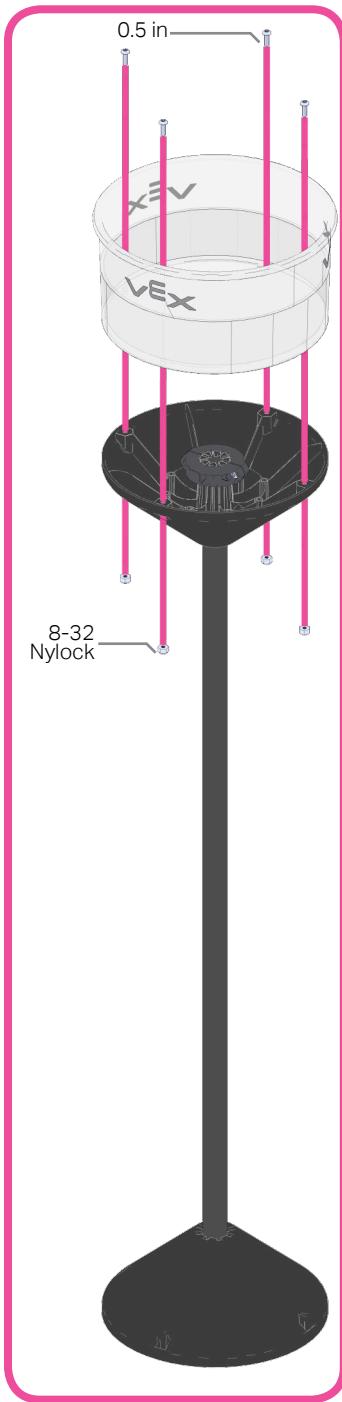
- 8x 8-32 Nylock
- 8x 0.5 in
- 4x 0.25 in

14



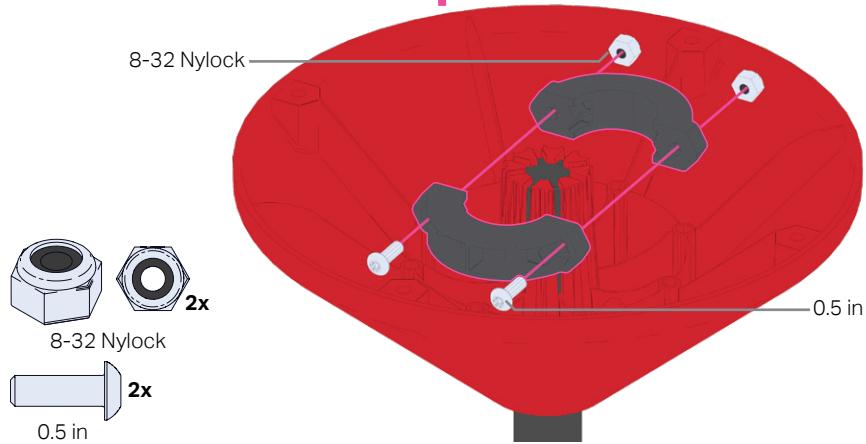
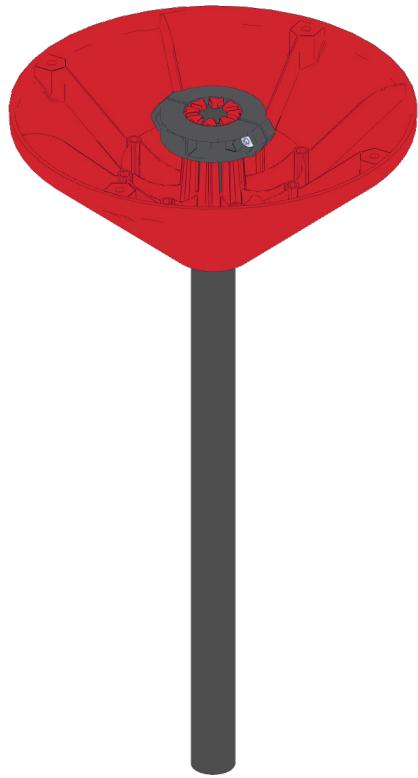
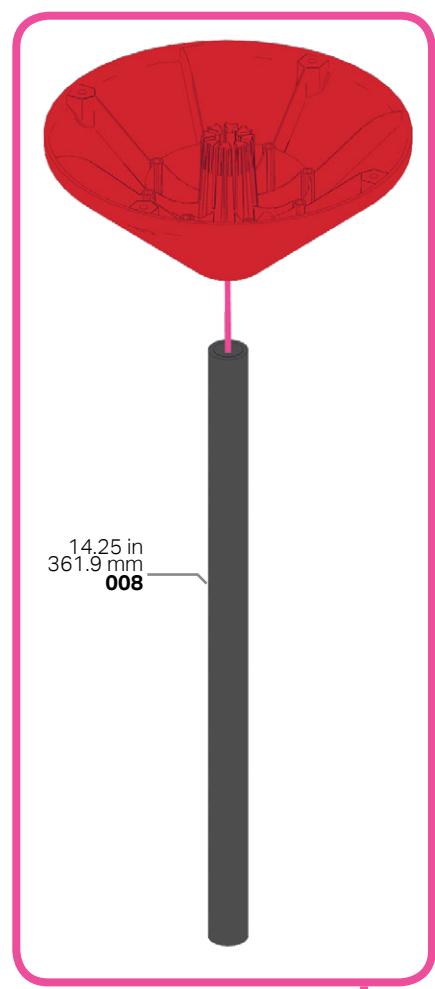
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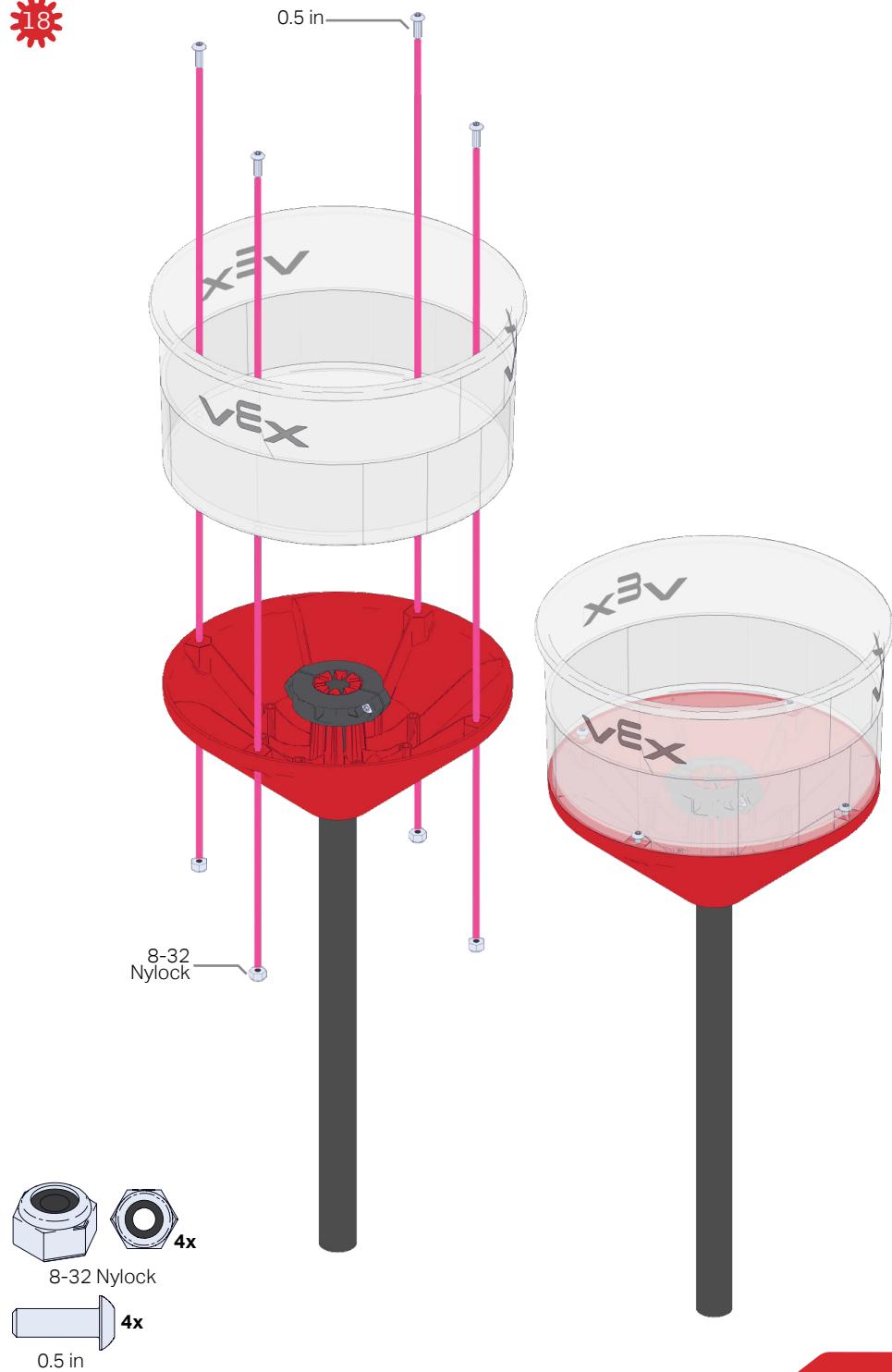


4x 8-32 Nylock
 4x 0.25 in
 4x 0.5 in

17



18

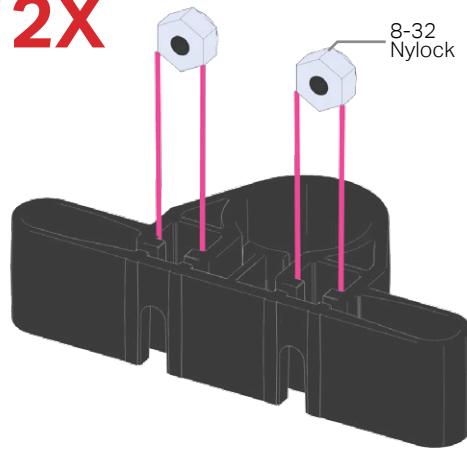


19

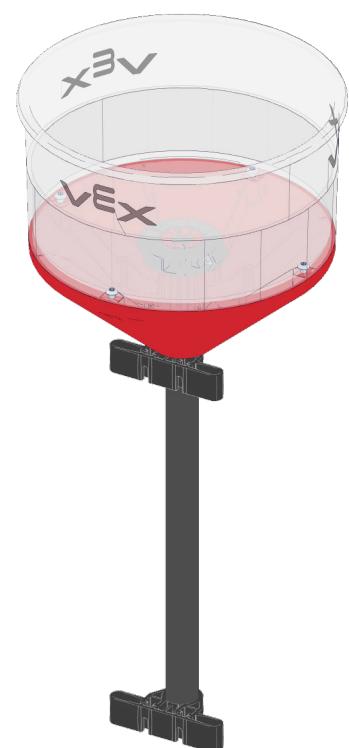
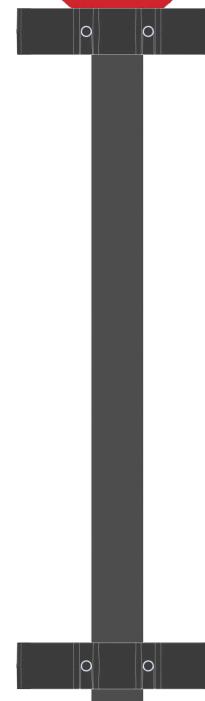
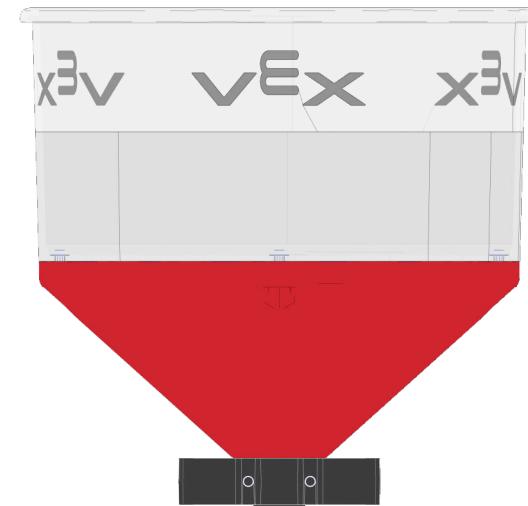


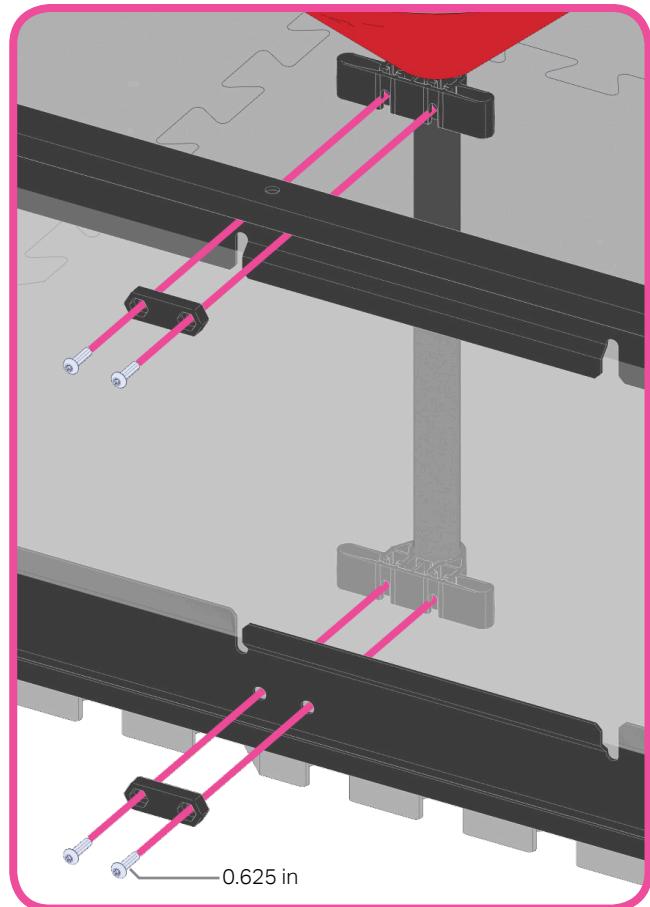
8-32 Nylock

2X

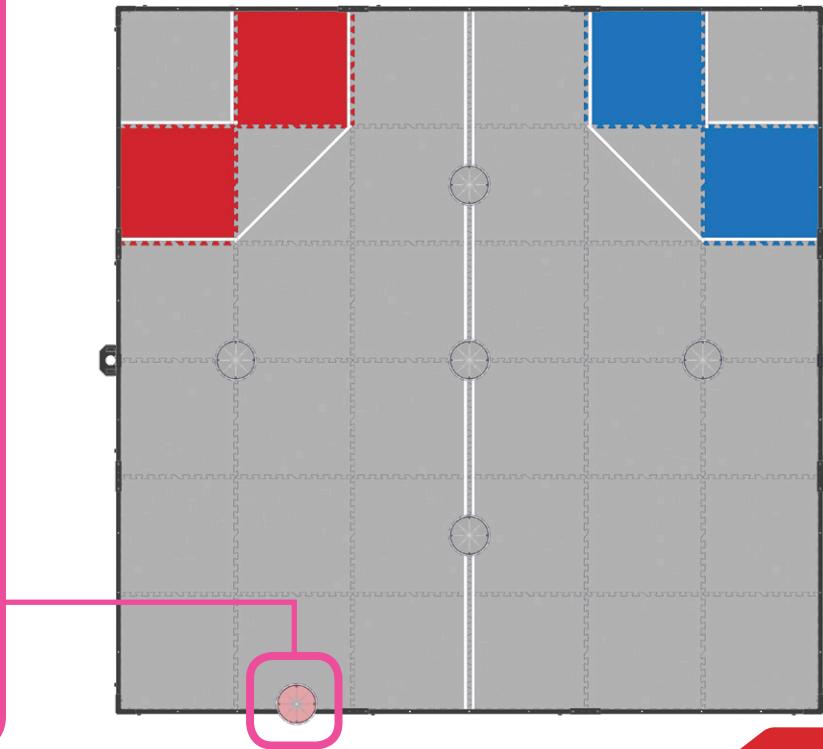
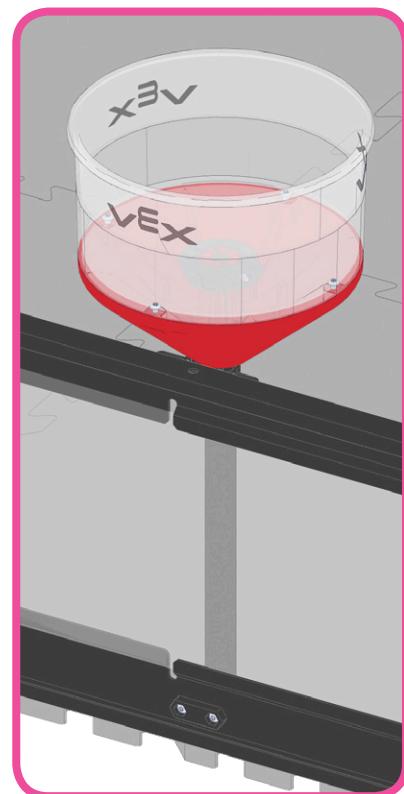
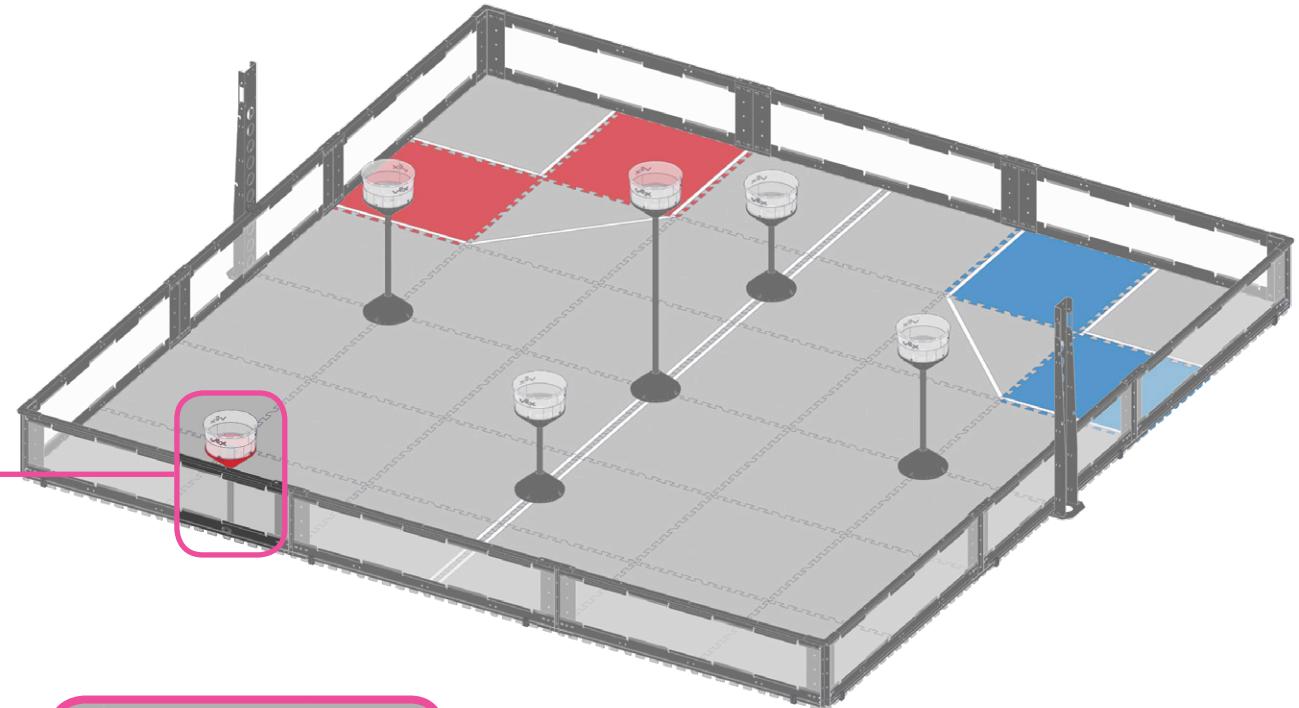


8-32
Nylock

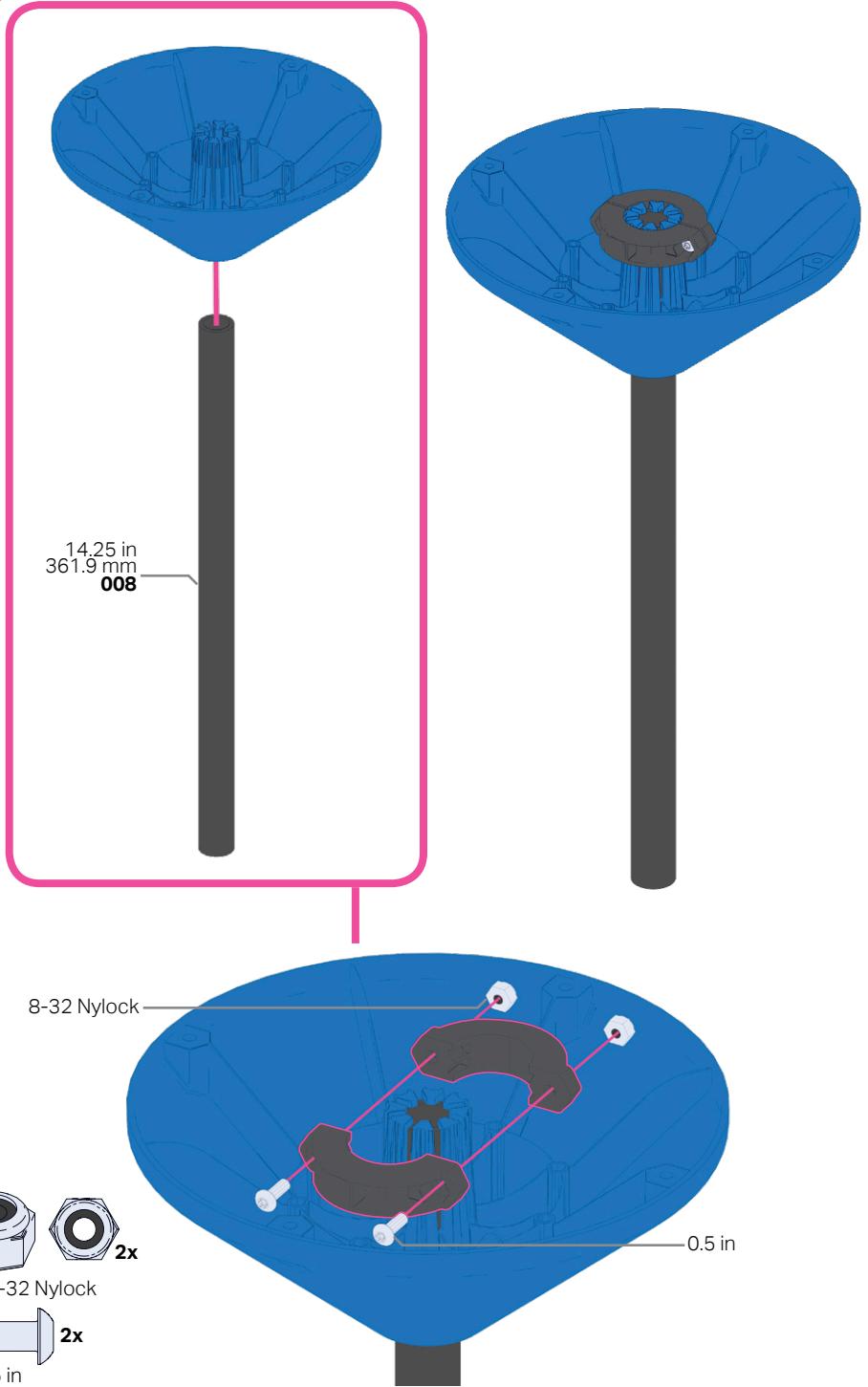




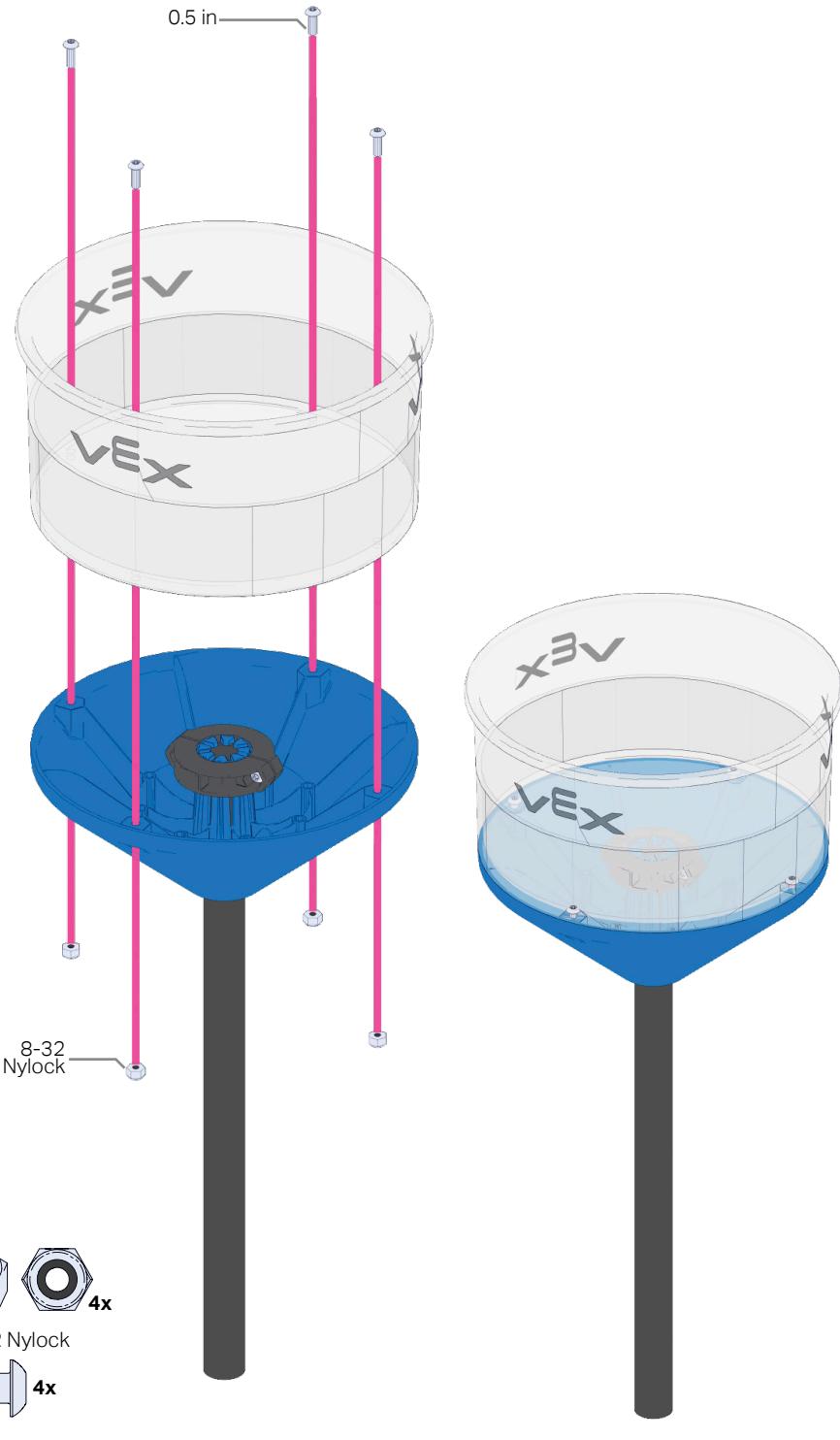
0.625 in
4x



21



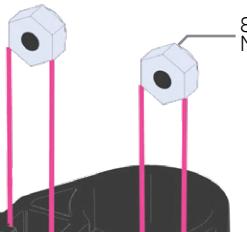
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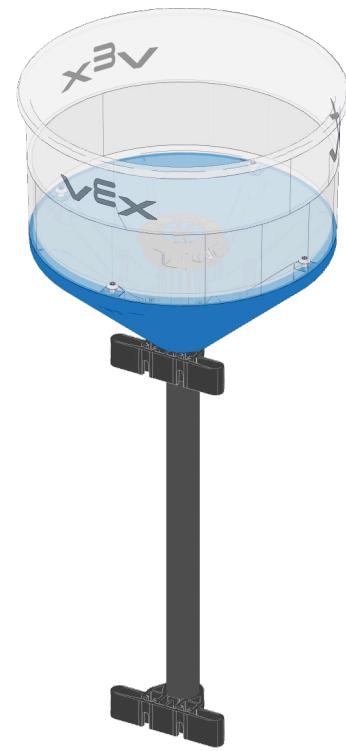
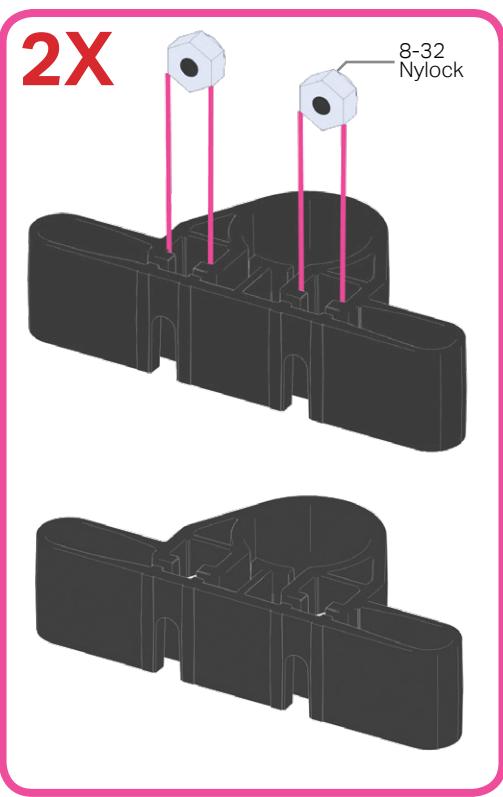
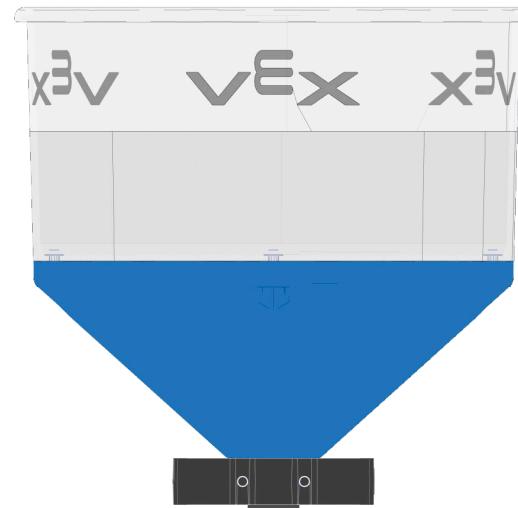
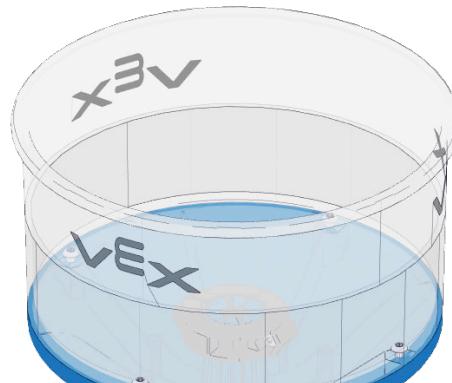
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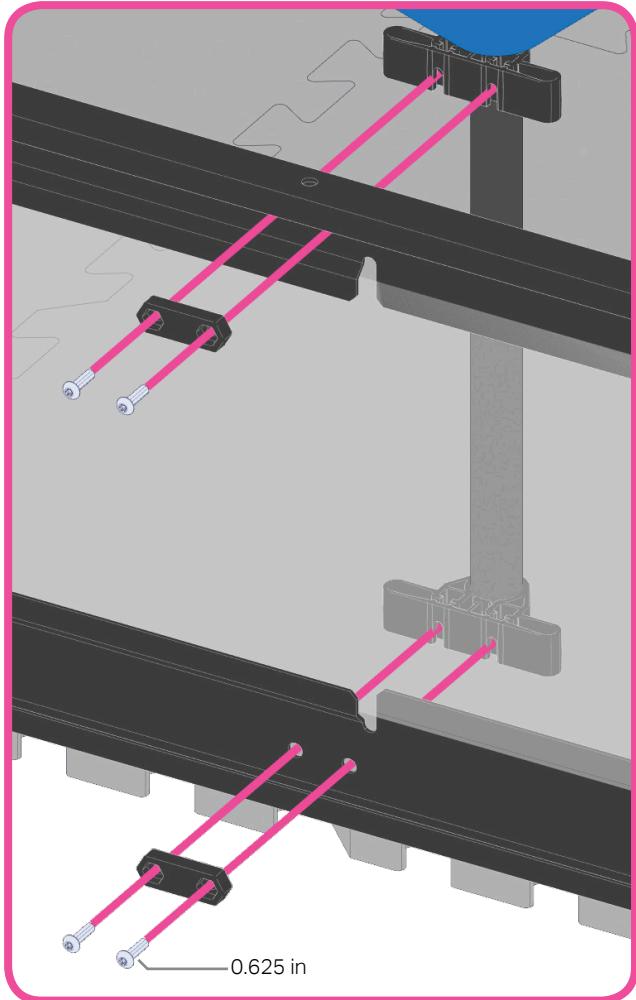


2X

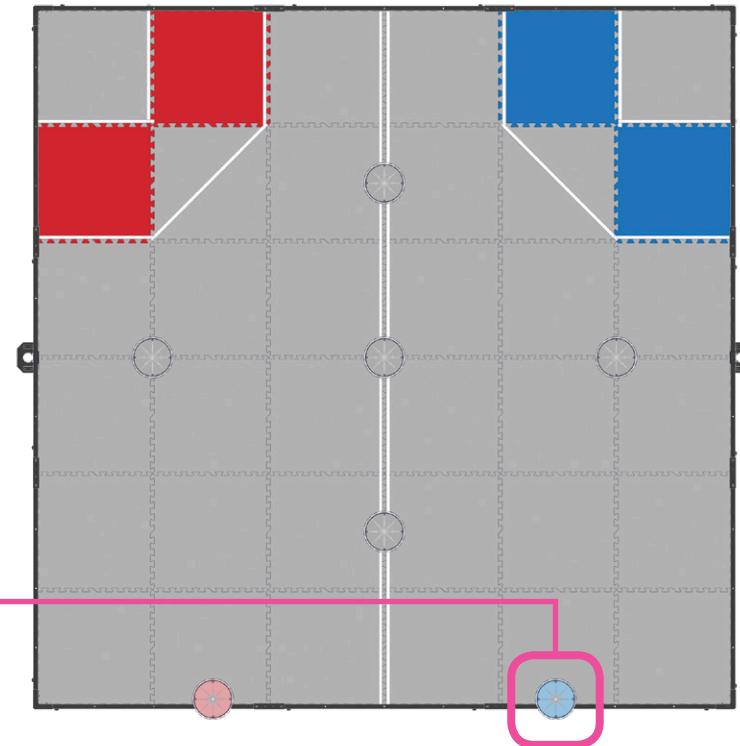
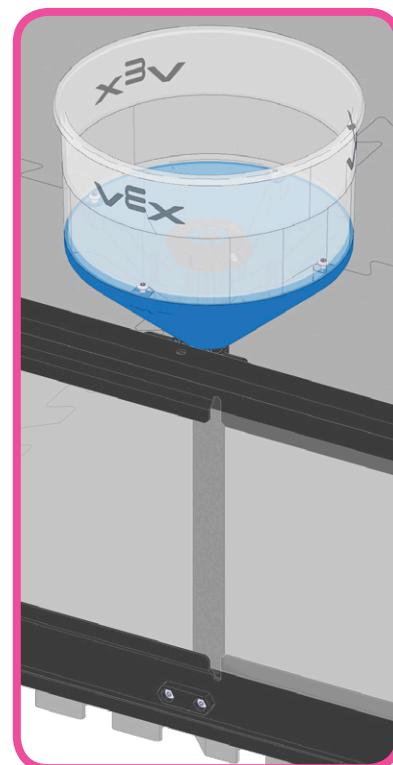
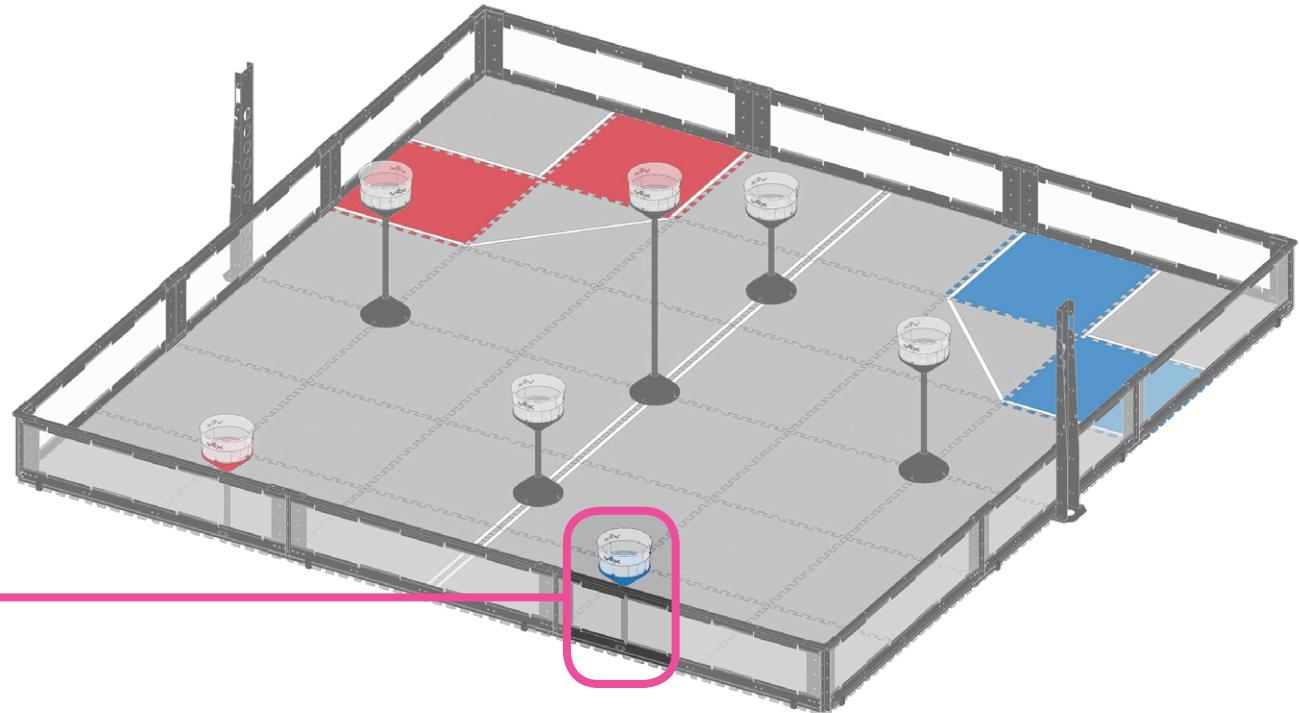


8-32
Nylock





4x
0.625 in

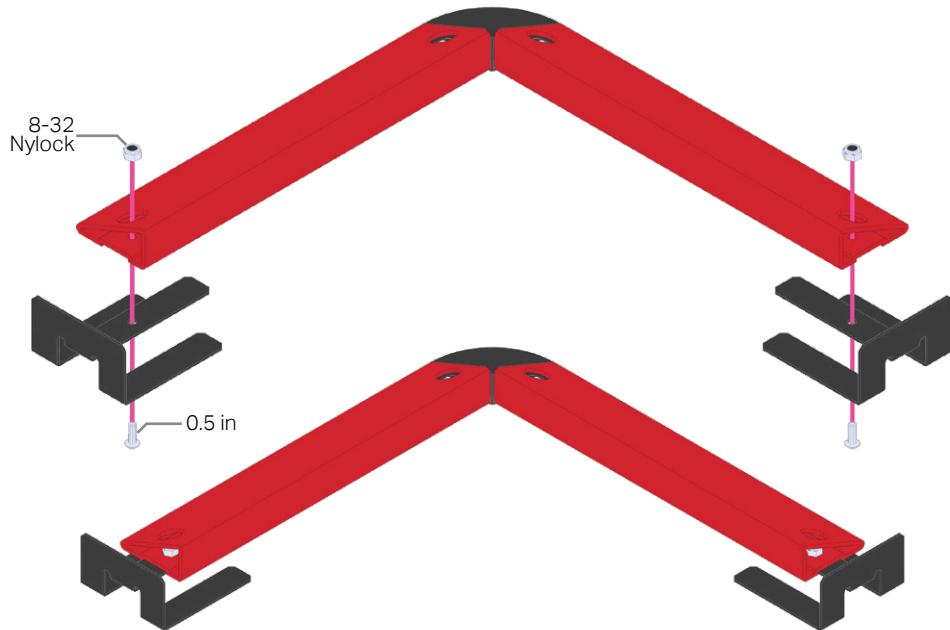
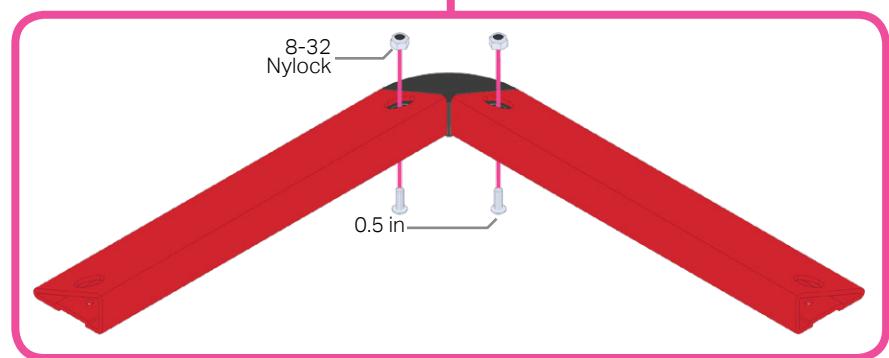
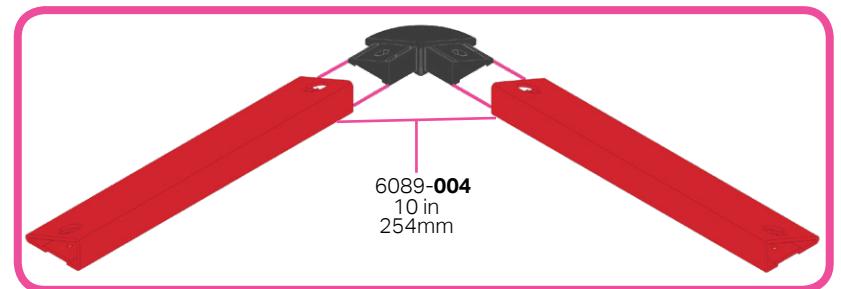


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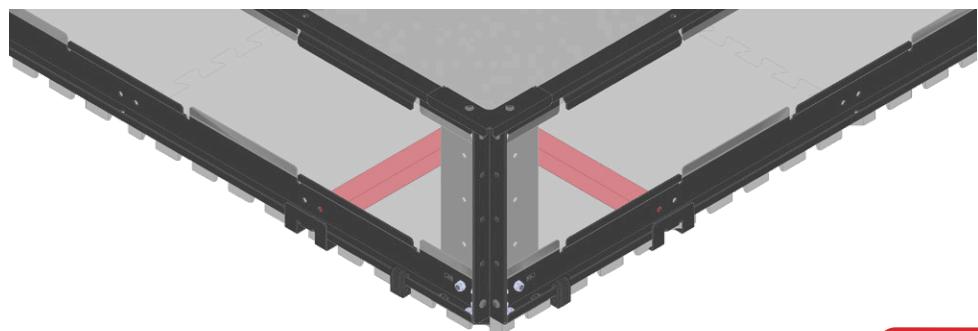
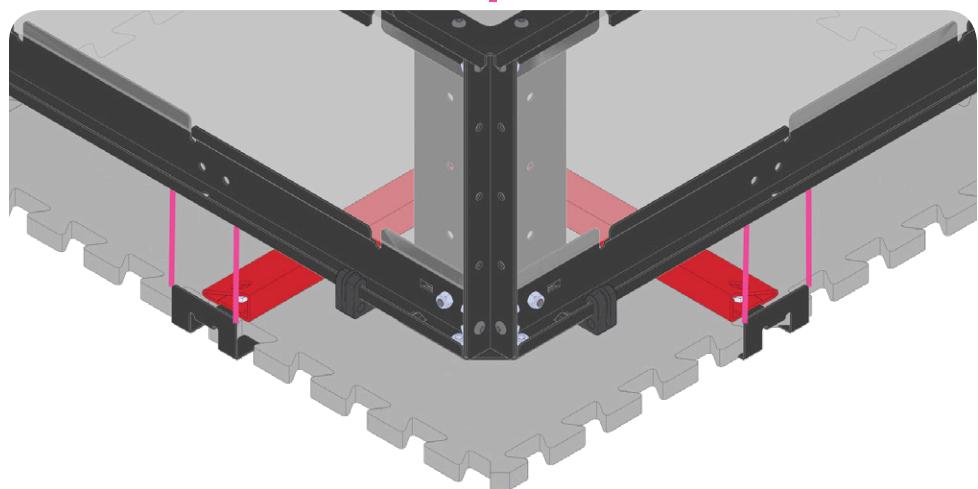
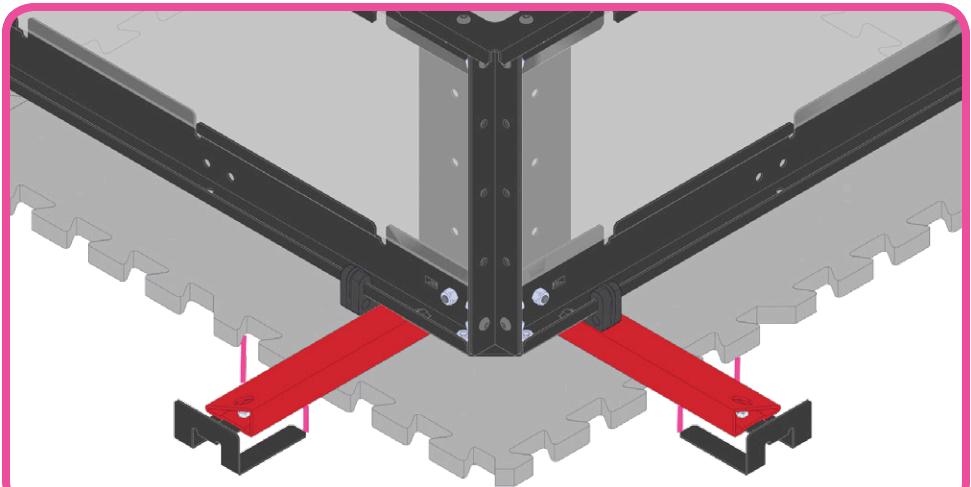


4x
0.5 in

8-32 Nylock



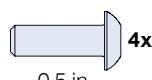
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27

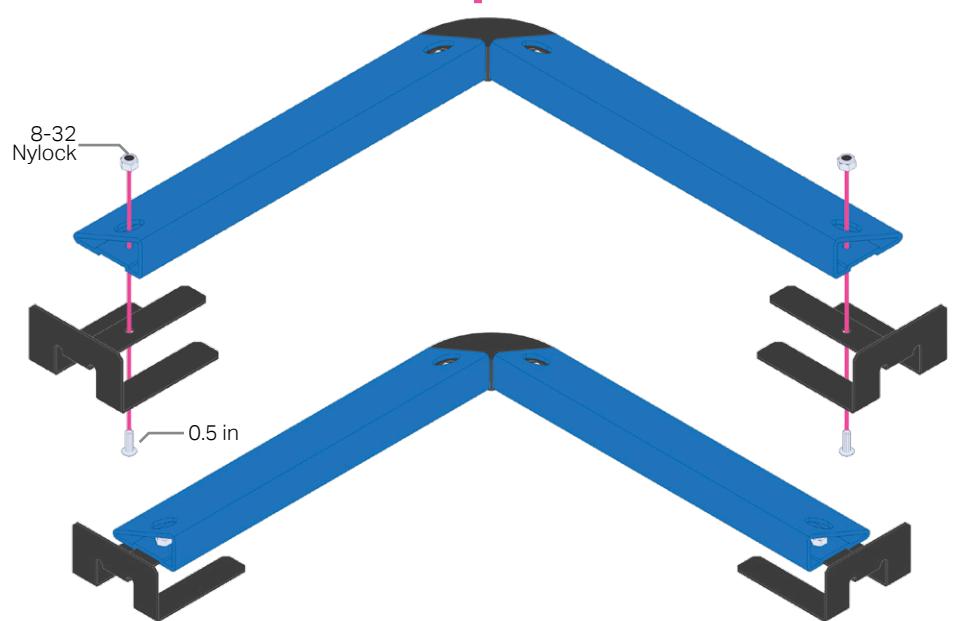
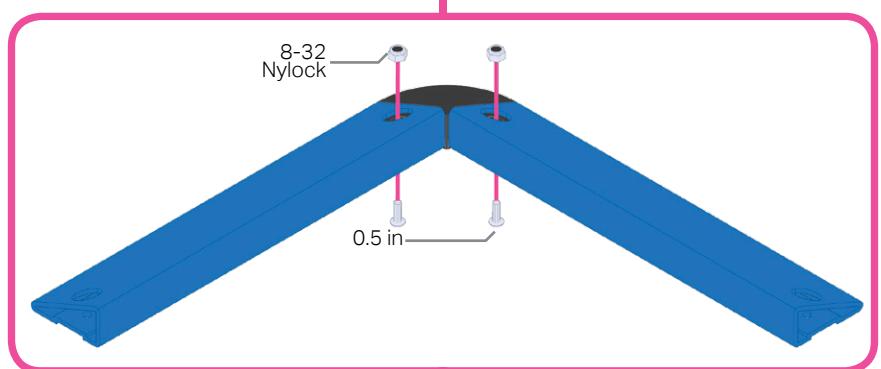
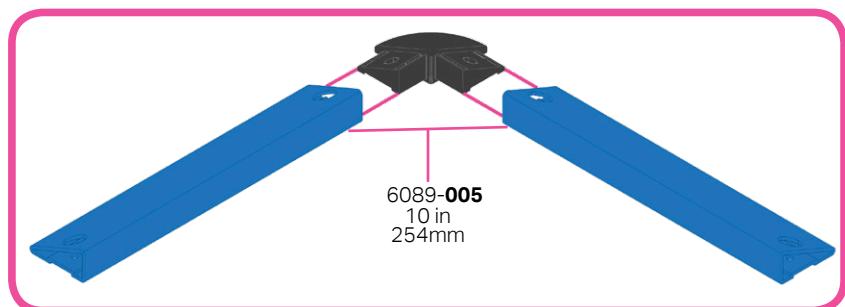


8-32 Nylock

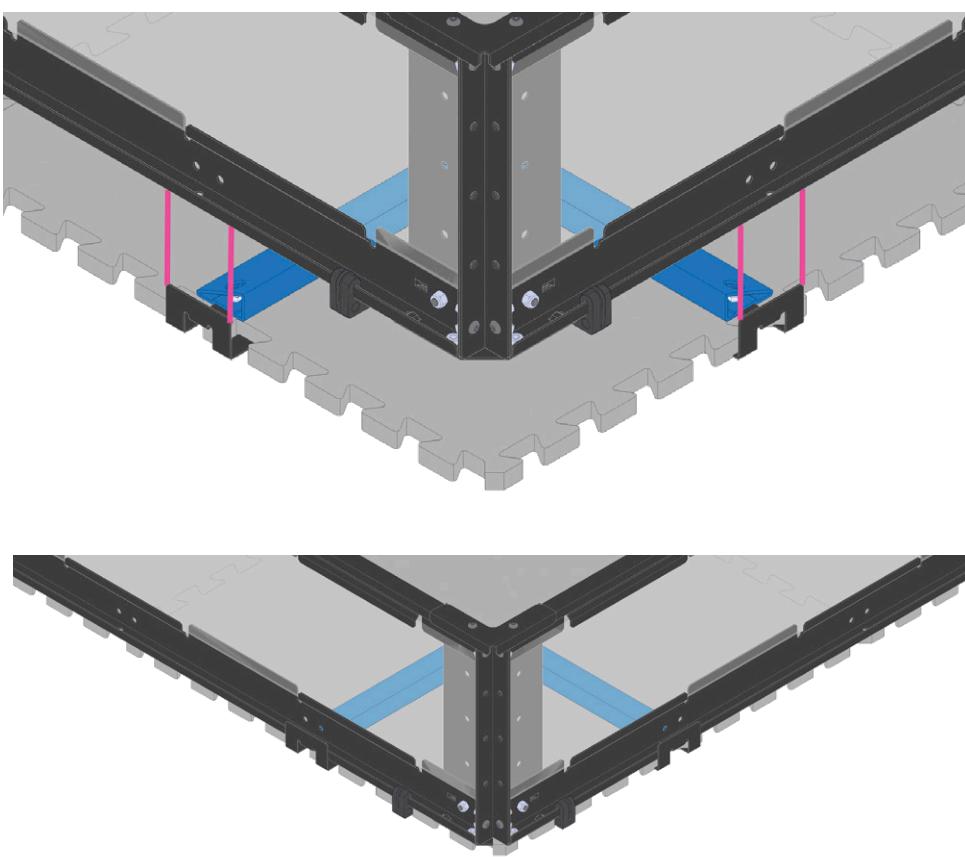
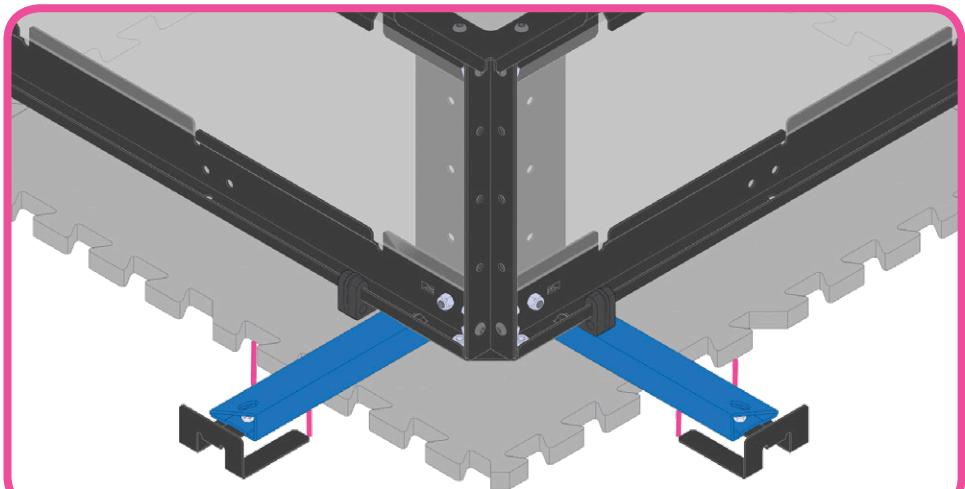


4x

4x



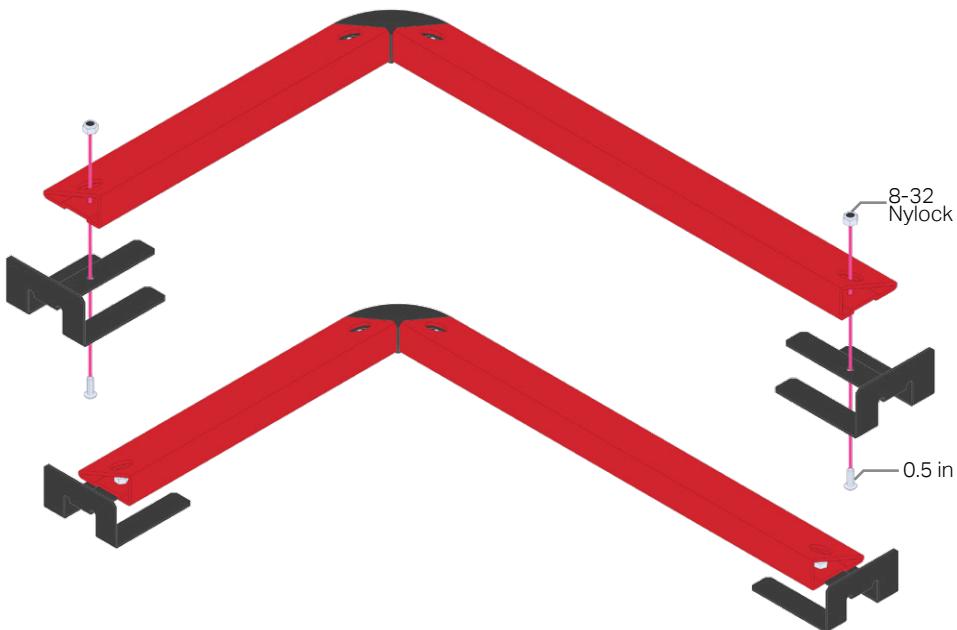
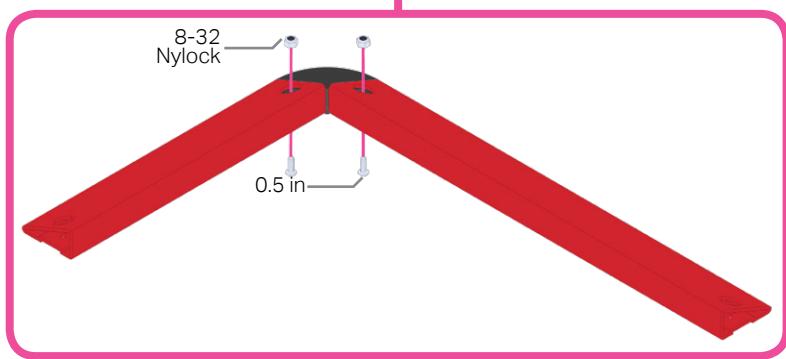
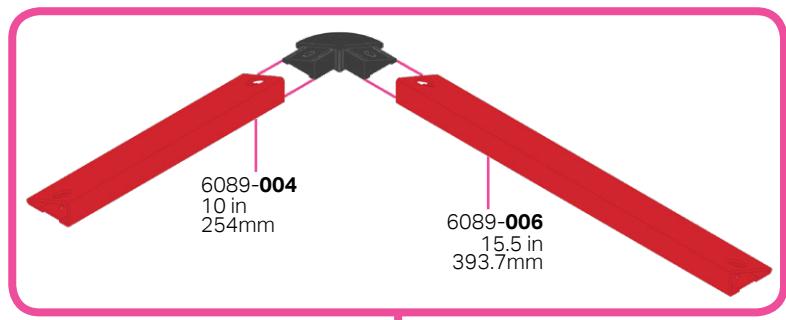
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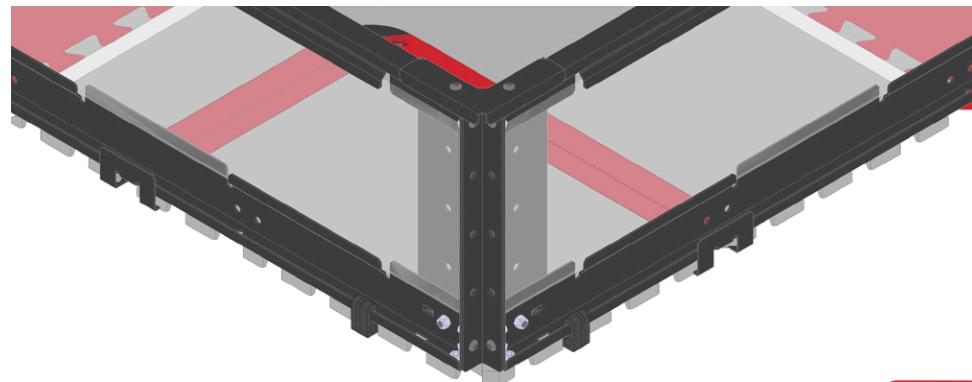
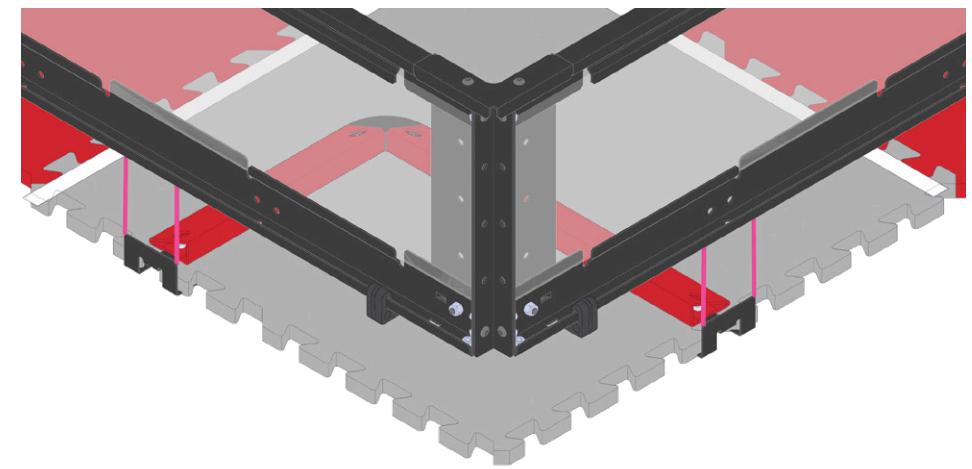
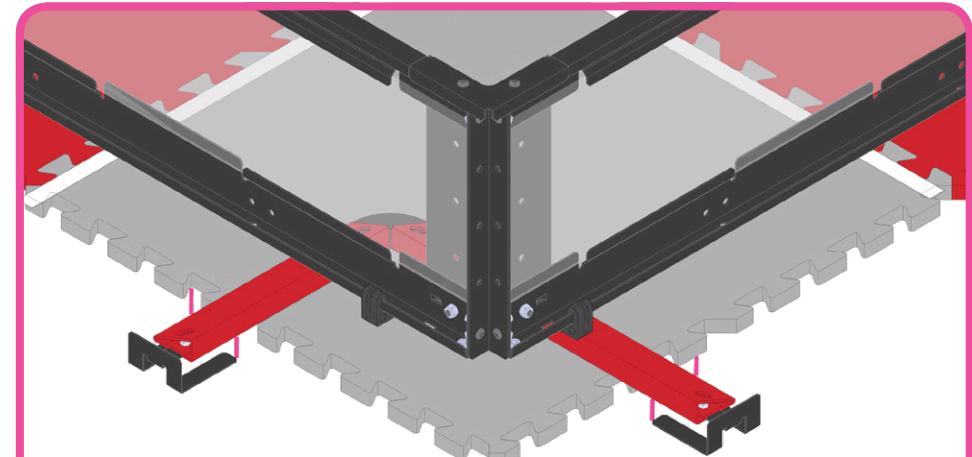
29



0.5 in
4x

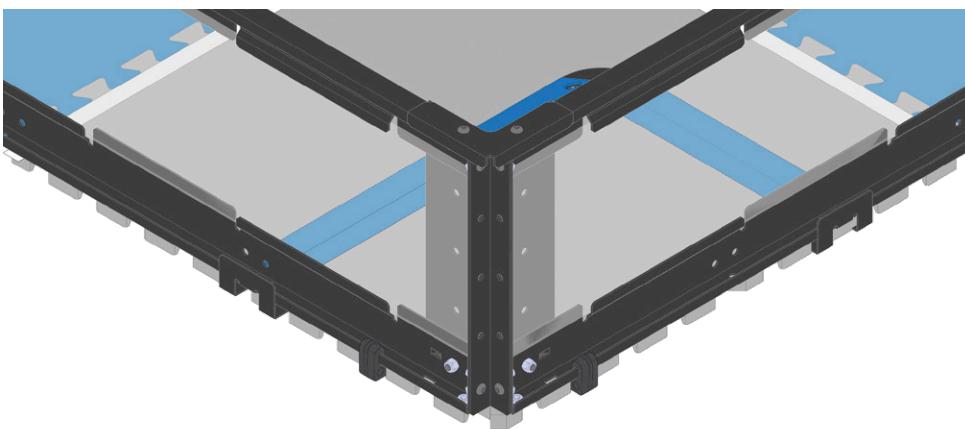
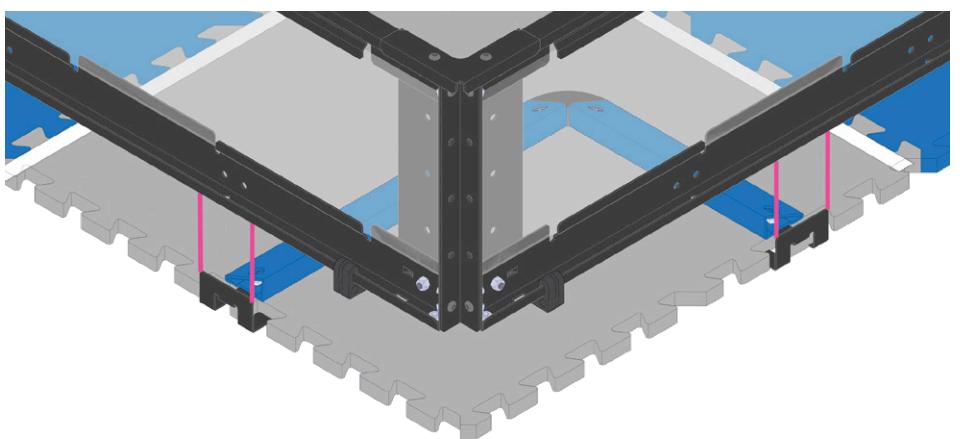
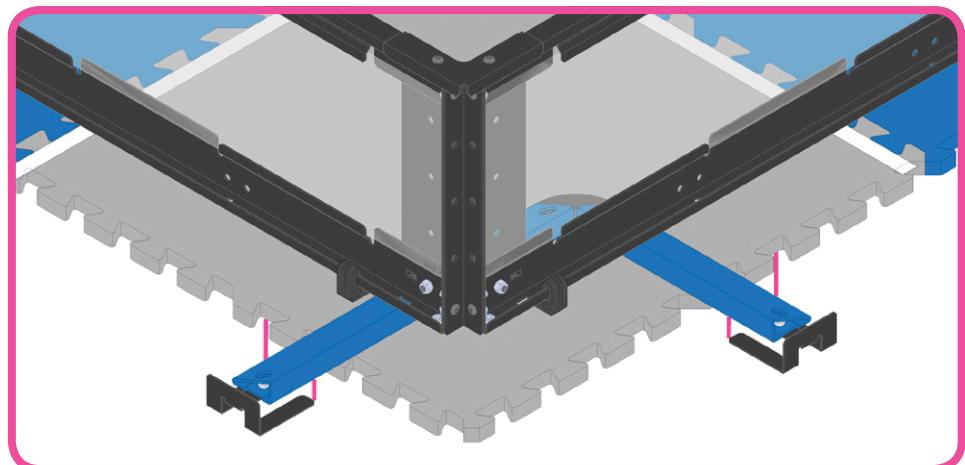
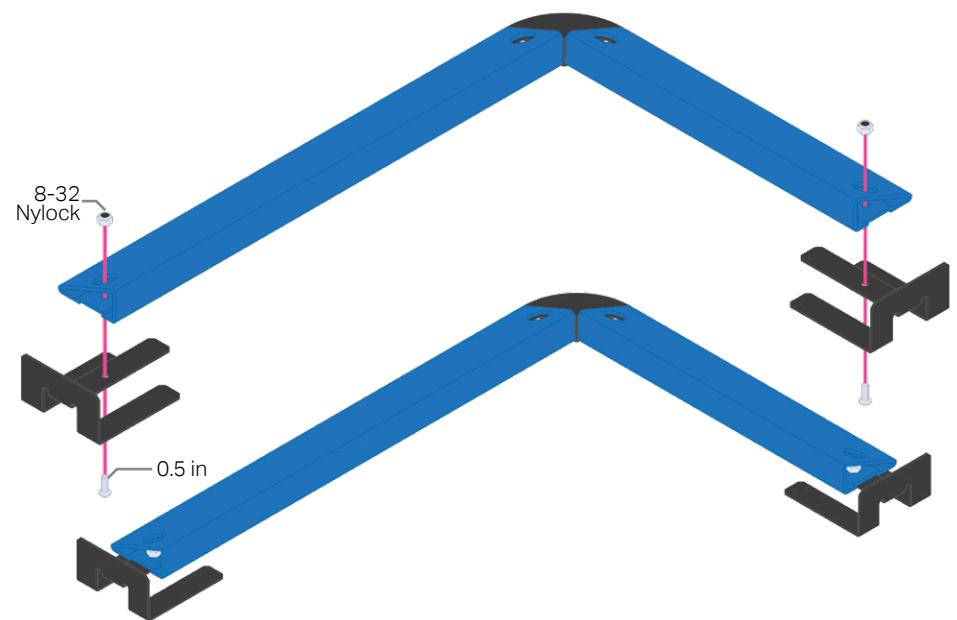
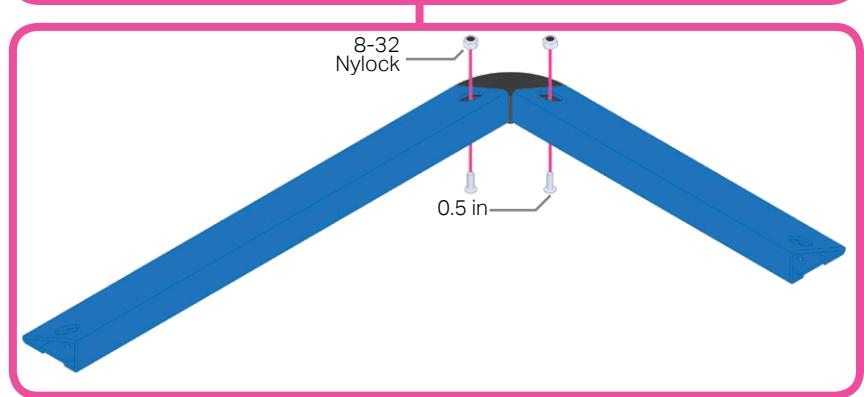
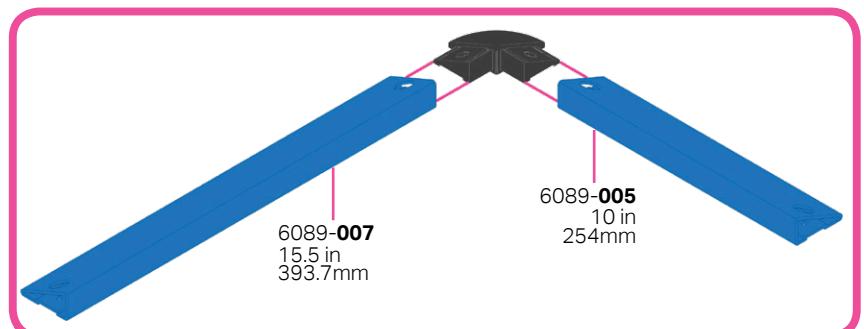


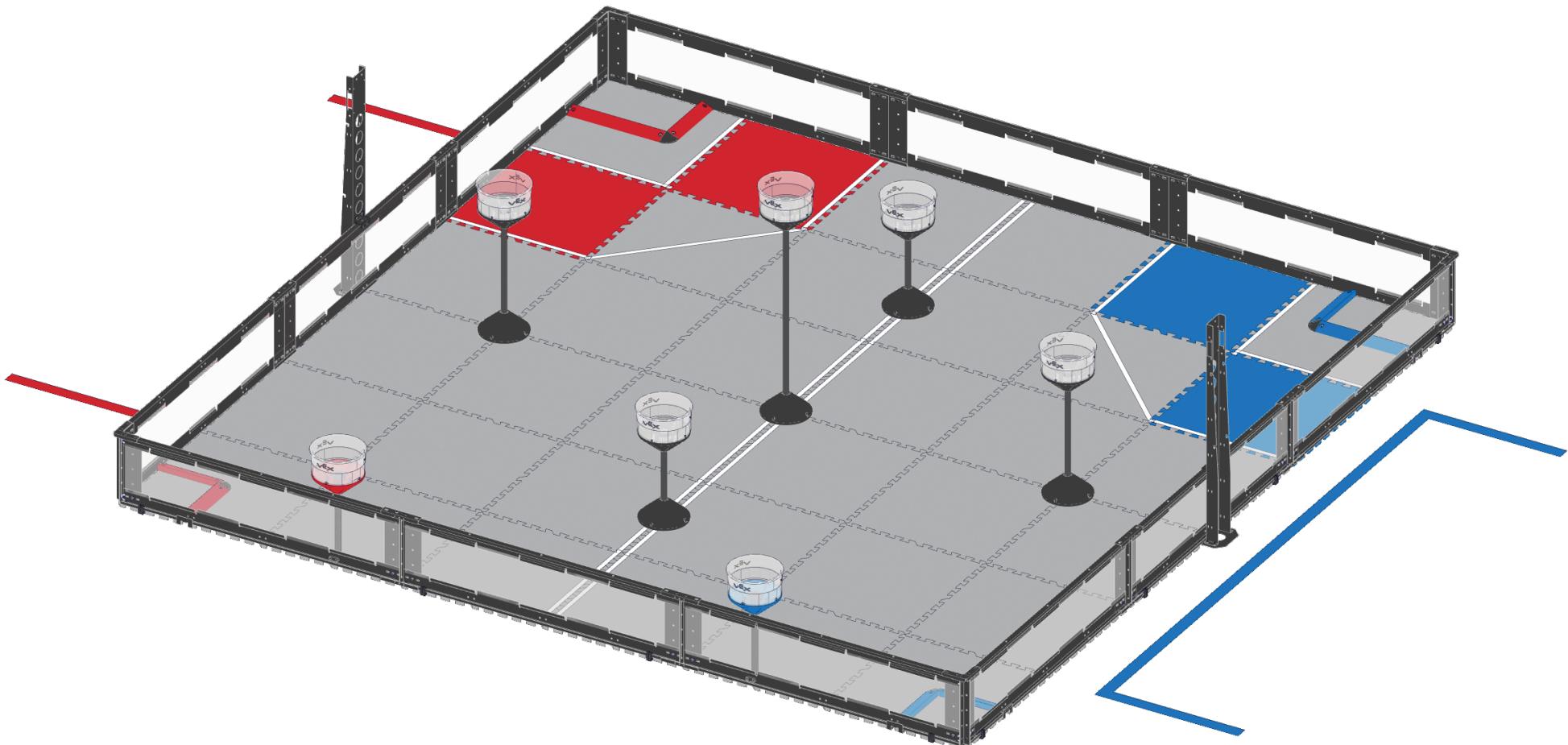
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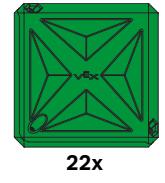
8-32 Nylock

4x
0.5 in

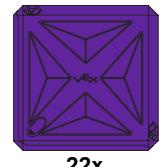


Tower Takeover Game Element Placement

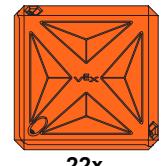
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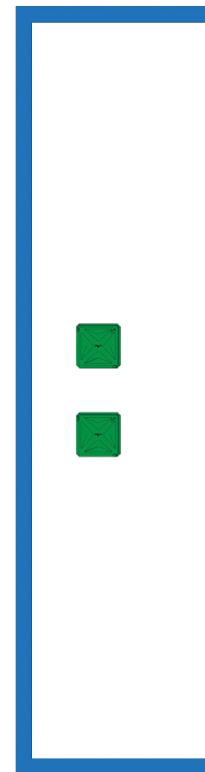
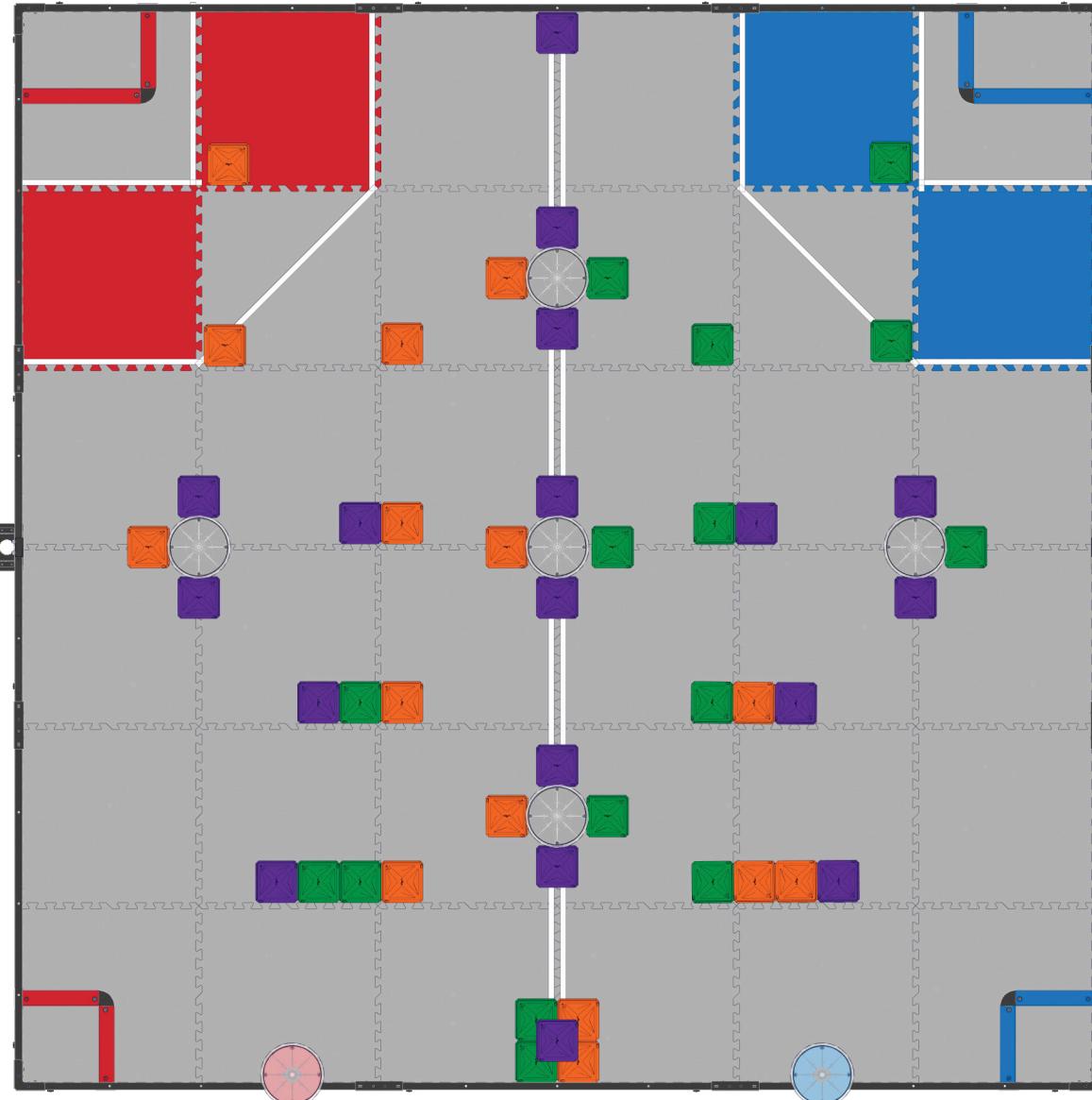
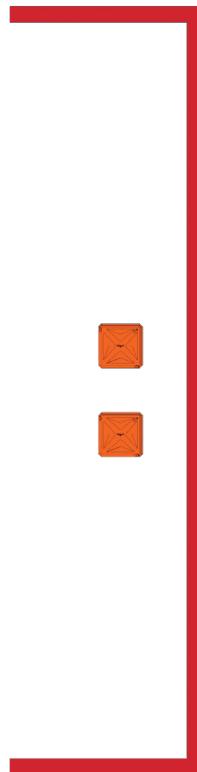
22x

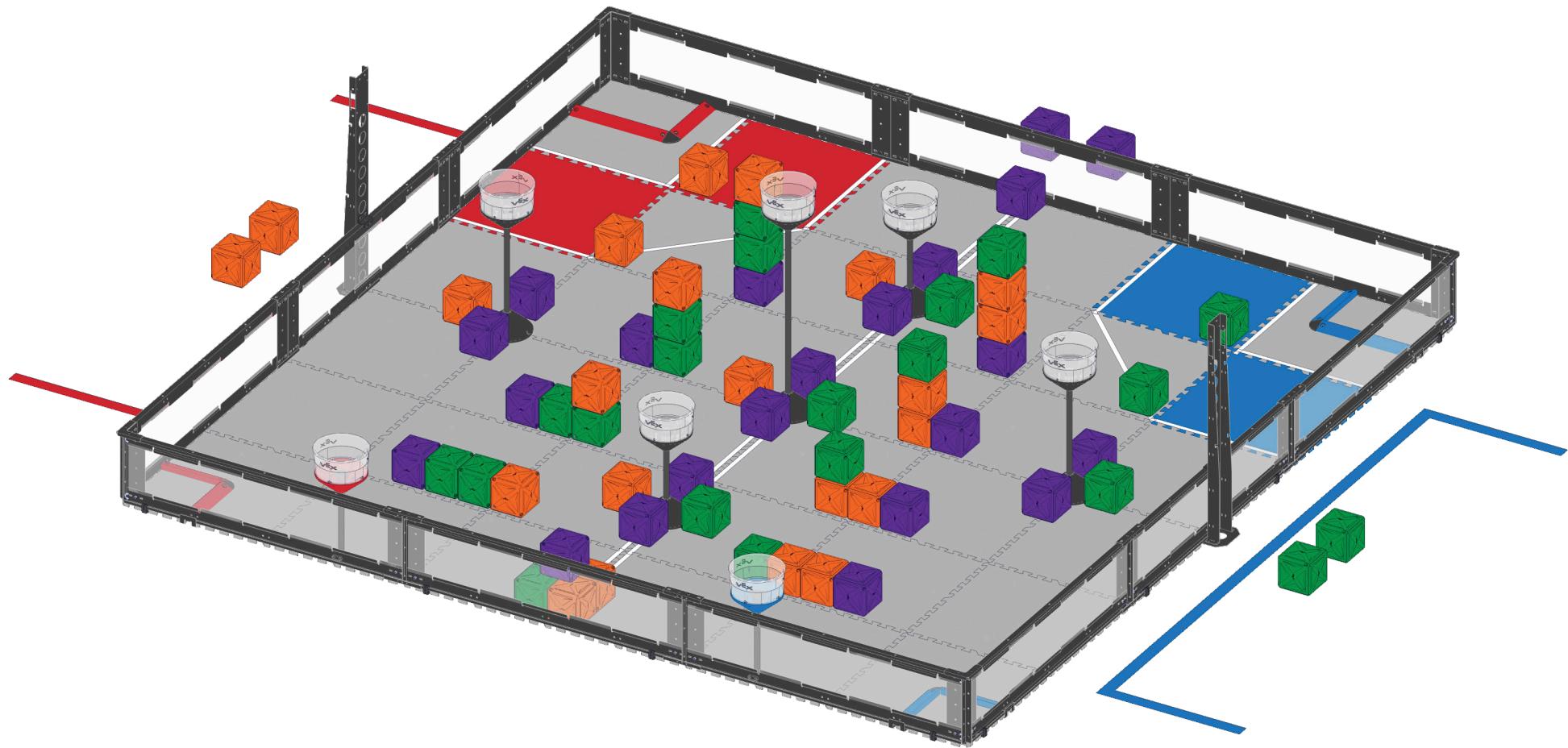


22x



22x





Field Build Instructions

276-6093-750 Rev1



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