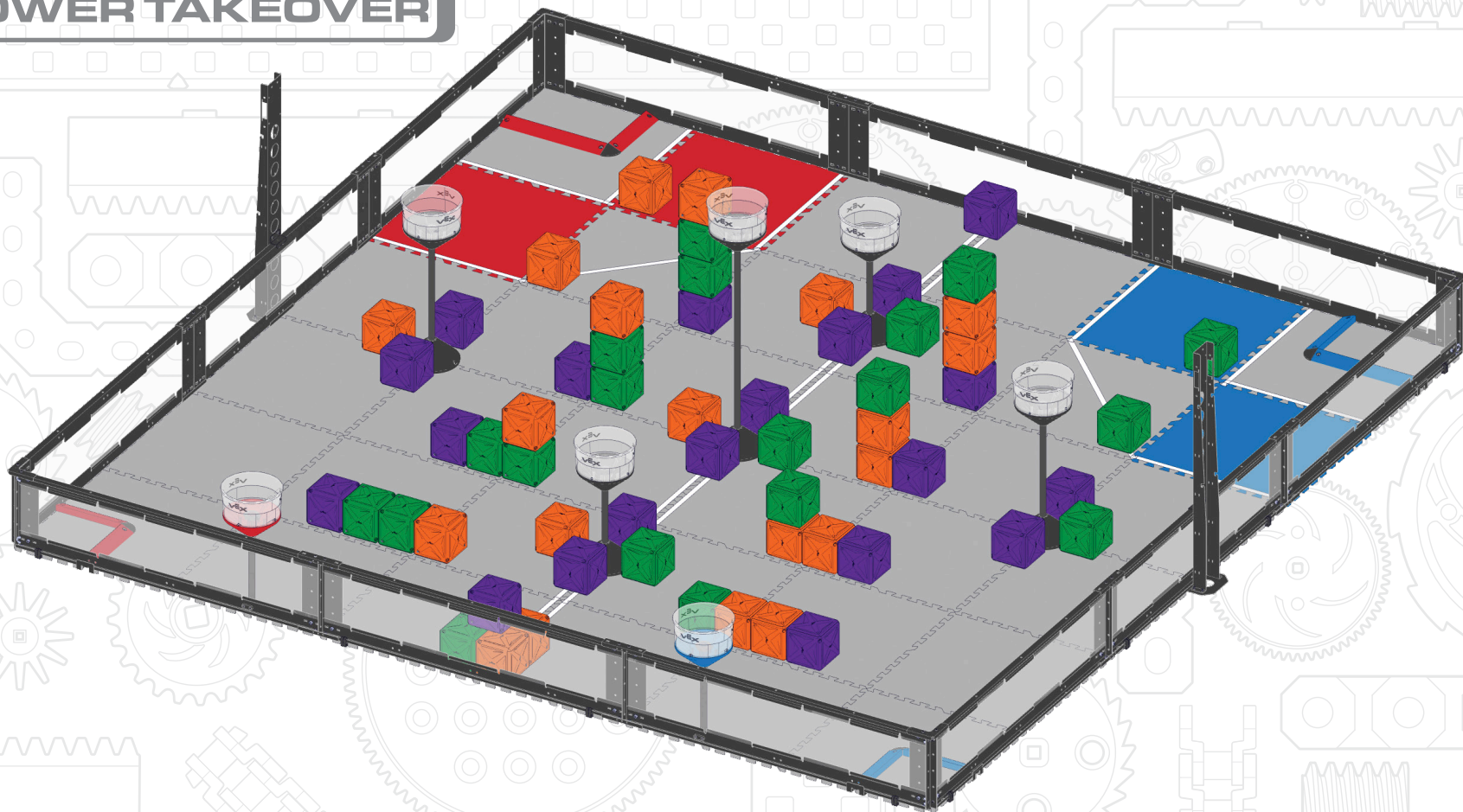


VEX[®]

ROBOTICS

COMPETITION

TOWER TAKEOVER






Field Build Instructions




276-6093-750


Parts List

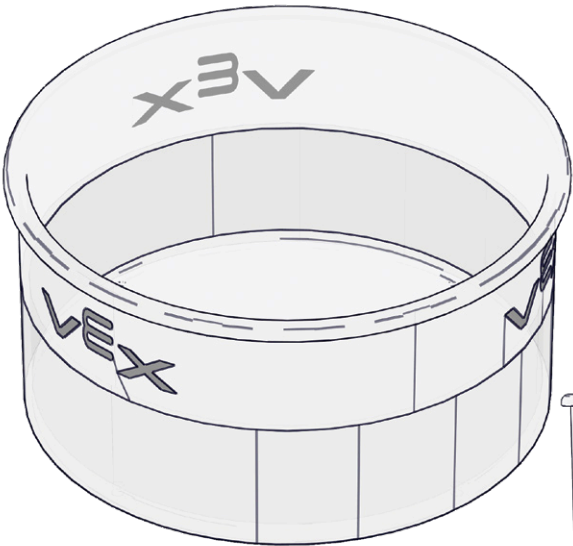
  **76x 8-32 Nylock**
276-1027-001

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

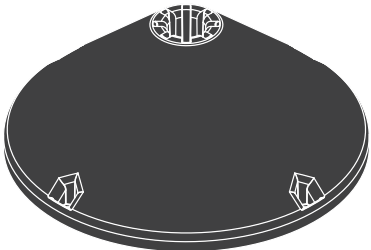
 **68x 0.5 in**
276-4992-001

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

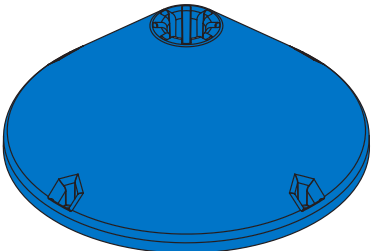
 **16x 0.5 in**
275-1014-001



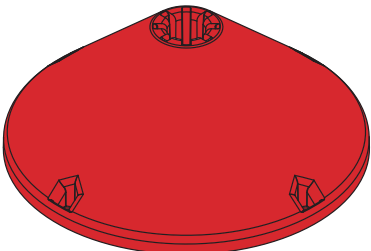
7x 276-6089-011



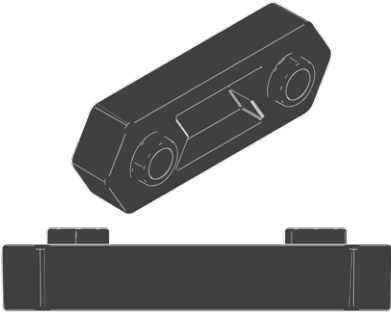
10x 276-6089-012



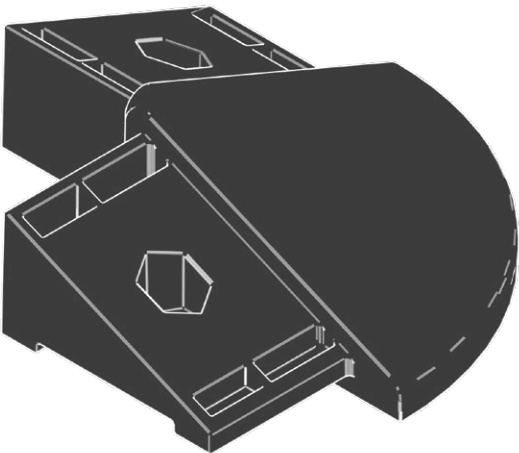
1x 276-6089-016



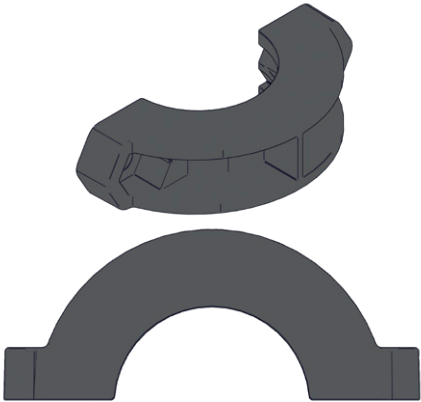
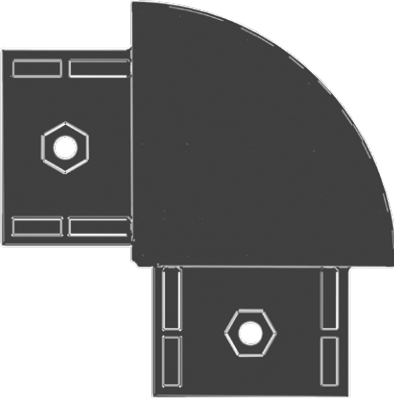
1x 276-6089-017



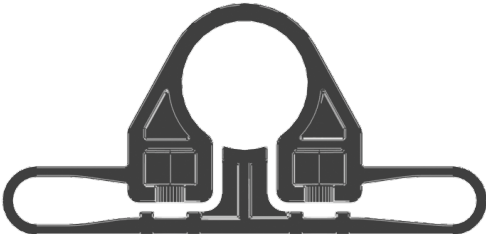
4x 276-5677-019



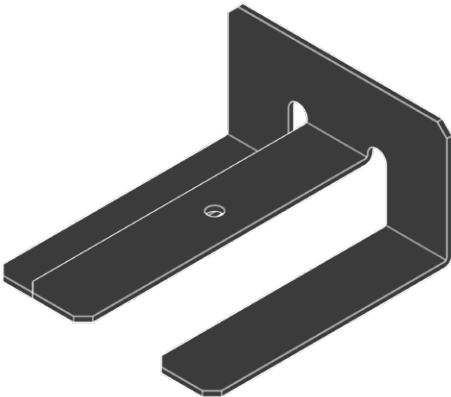
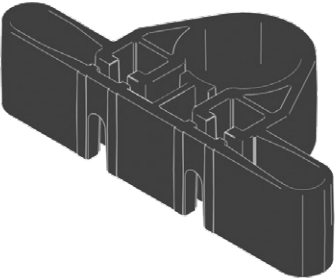
4x 276-6089-019



24x 276-6089-013

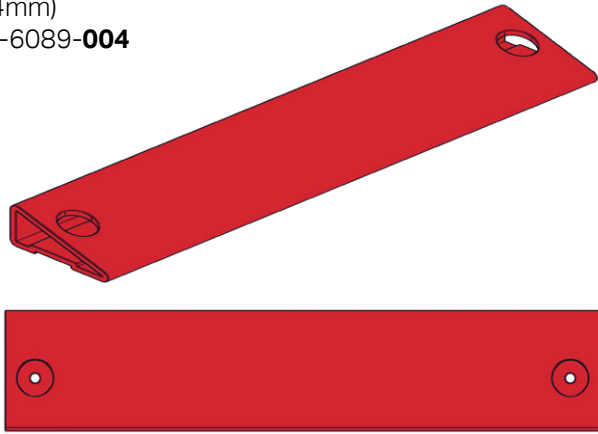


4x 276-5677-006

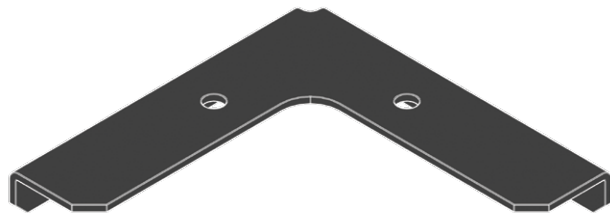
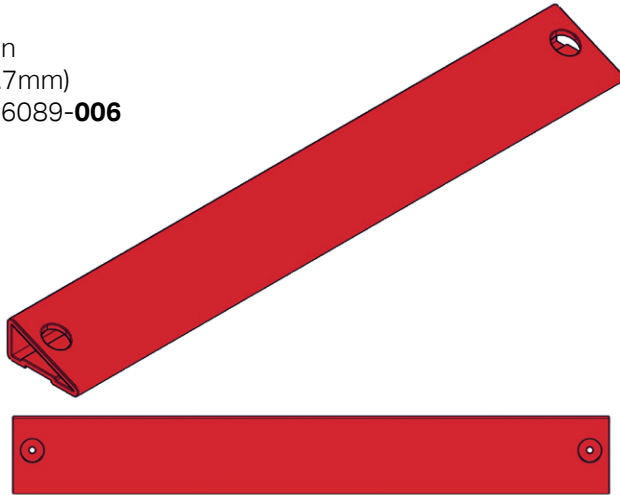


8x 276-6089-015

3x
10in
(254mm)
276-6089-004

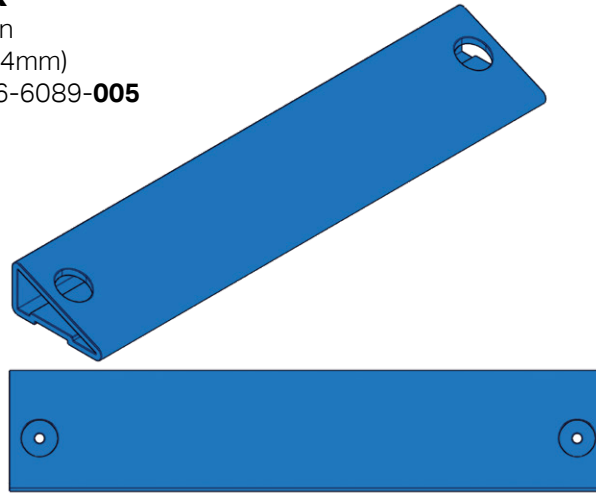


1x
15.5in
(393.7mm)
276-6089-006

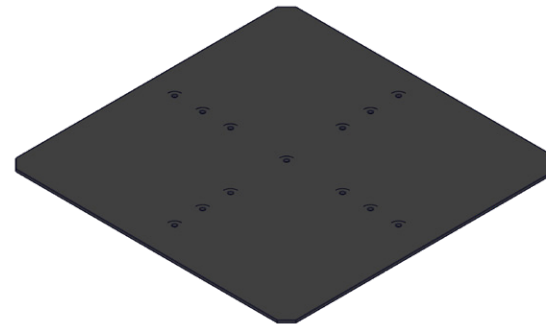
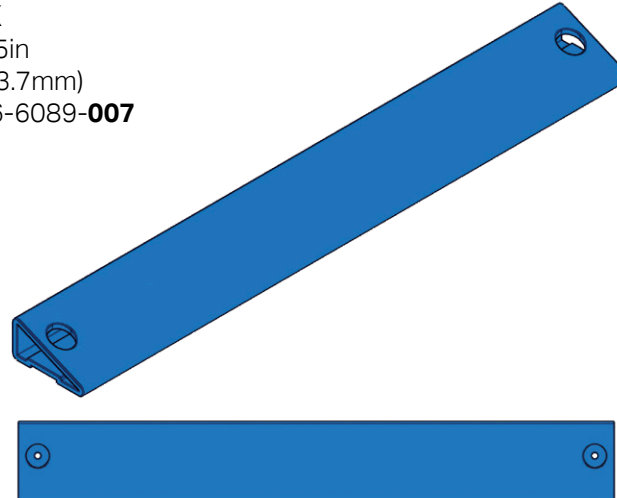


4x 276-6089-018

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

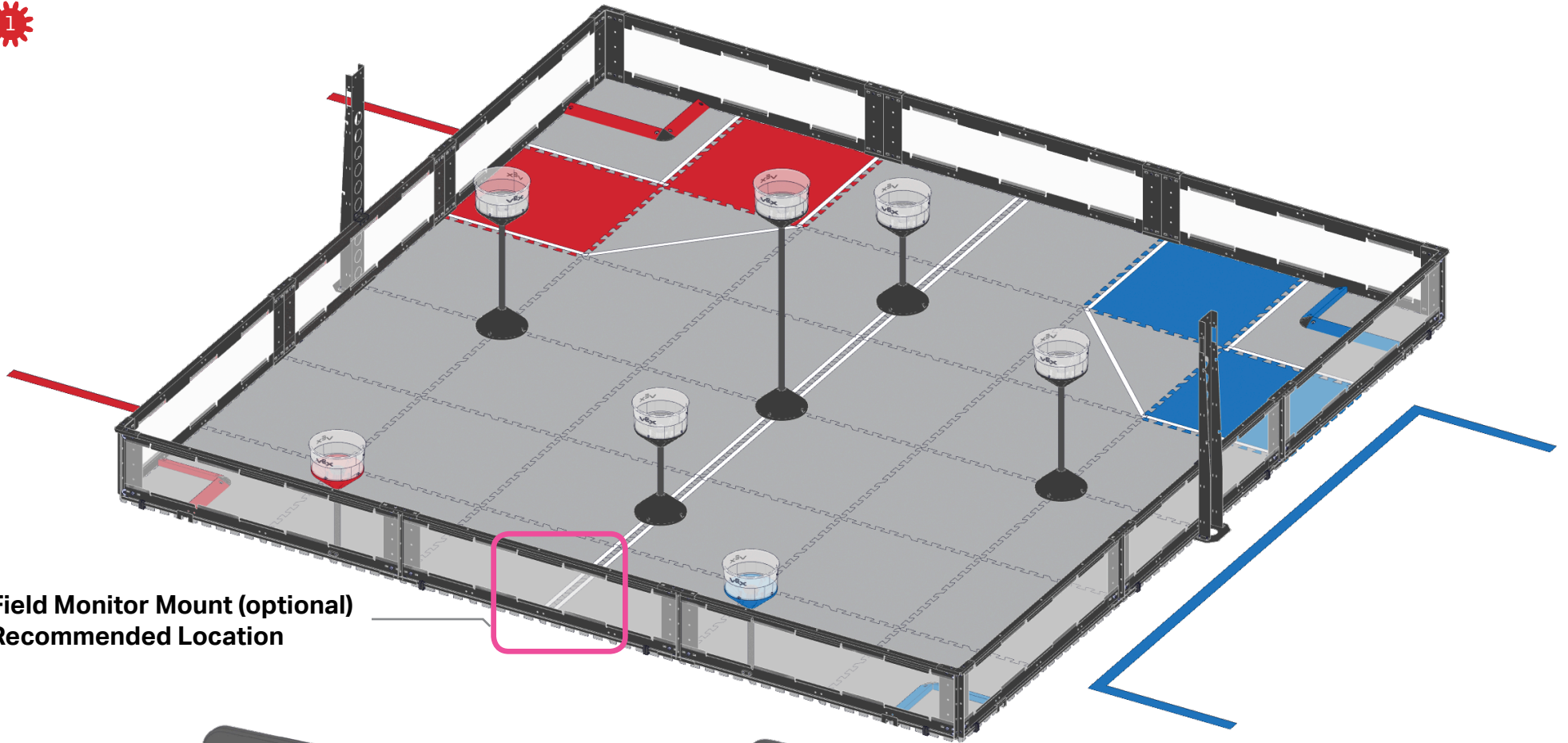


2x
20.25 in
(514.35 mm) Pipe
276-6089-009

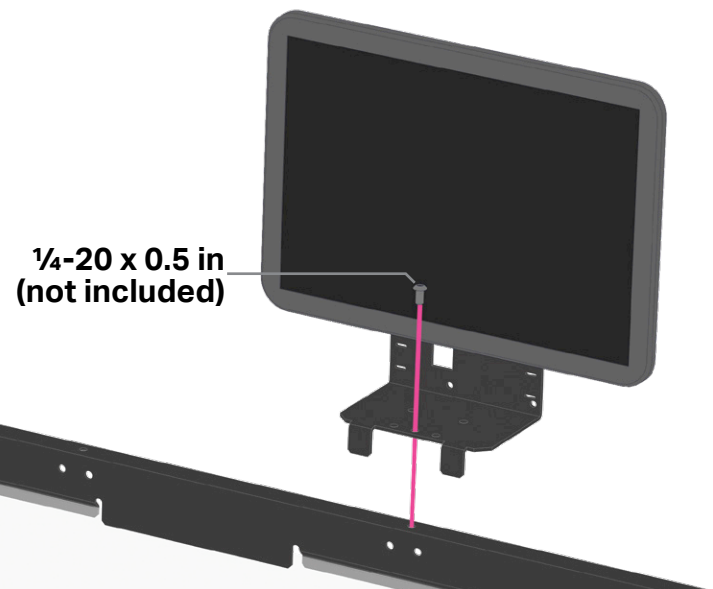


4x
14.25 in
(361.95 mm) Pipe
276-6089-008





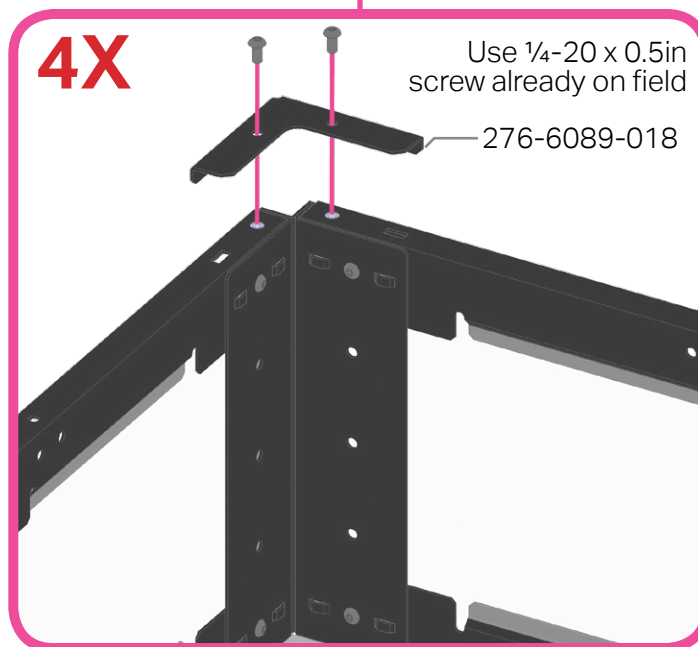
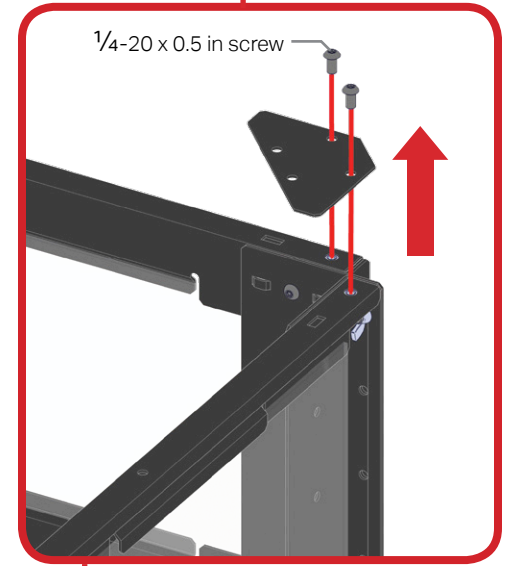
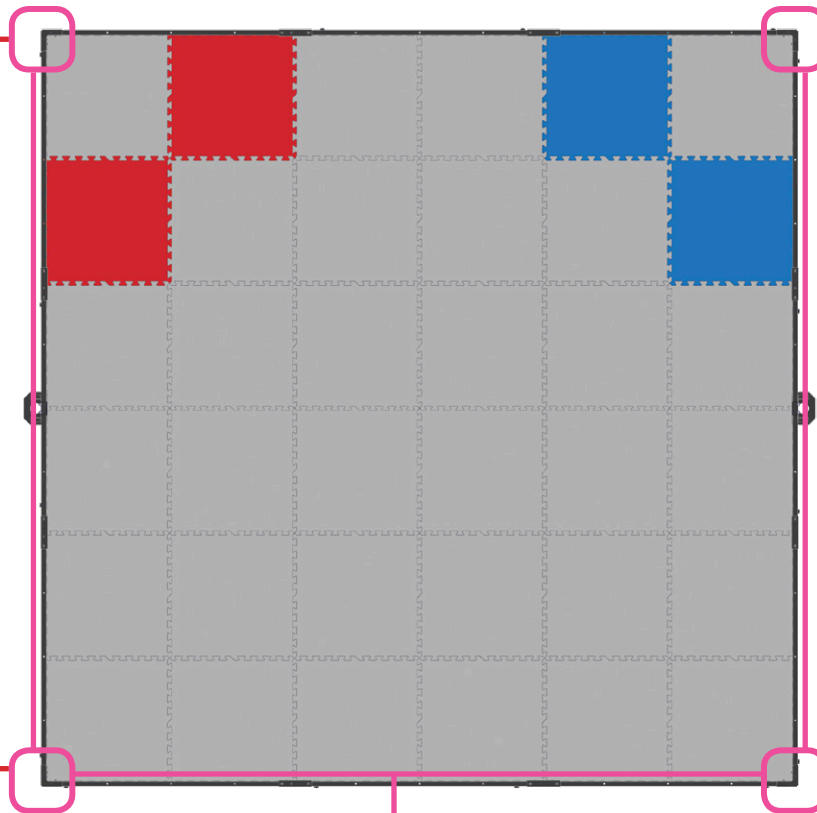
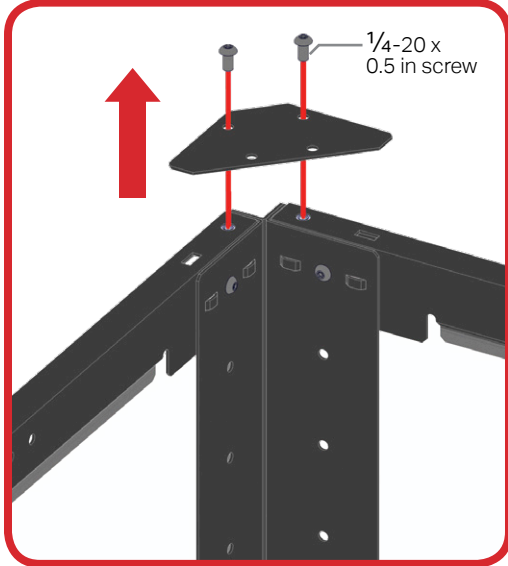
Field Monitor Mount (optional)
Recommended Location



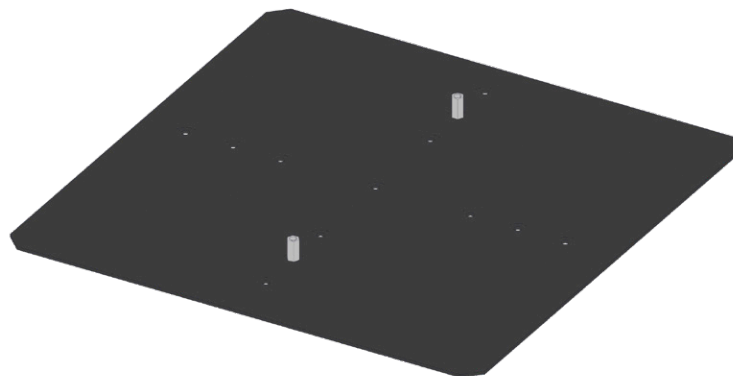
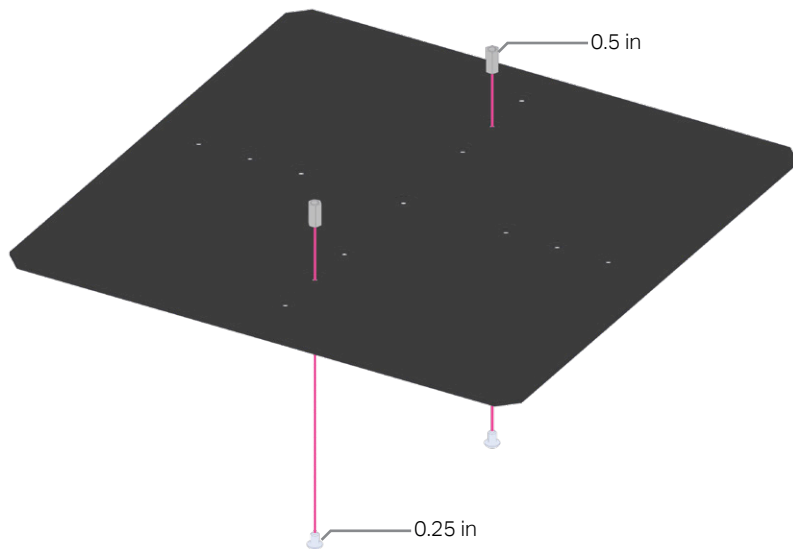
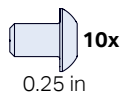
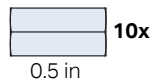
1/4-20 x 0.5 in
(not included)



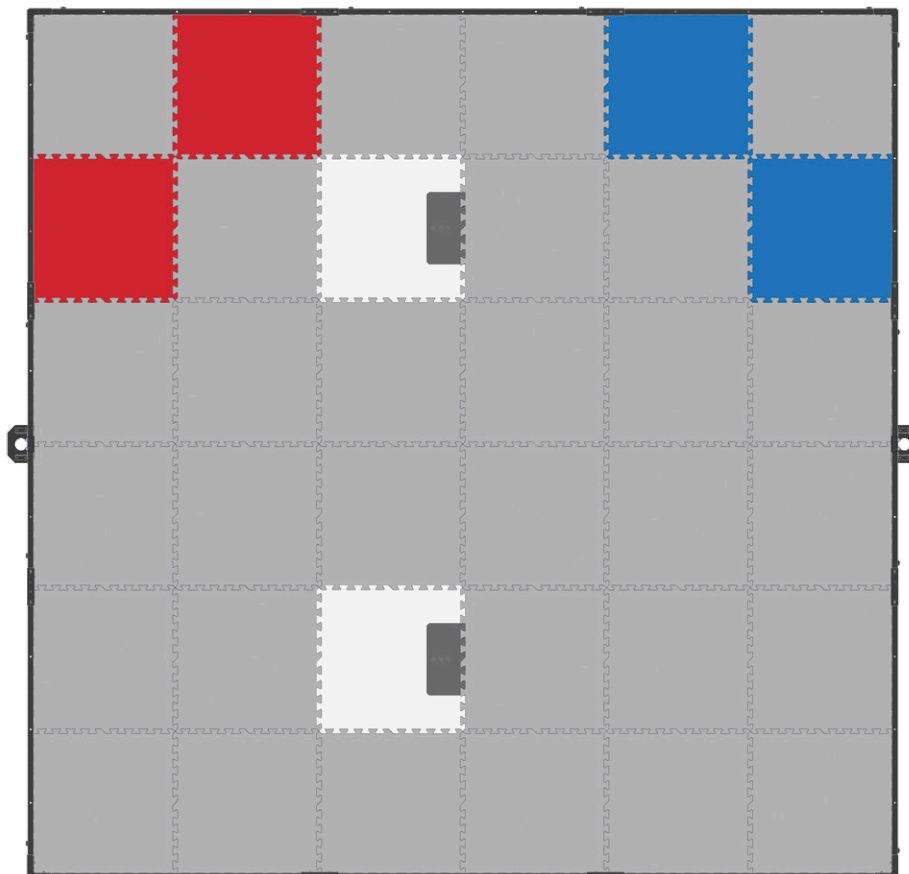
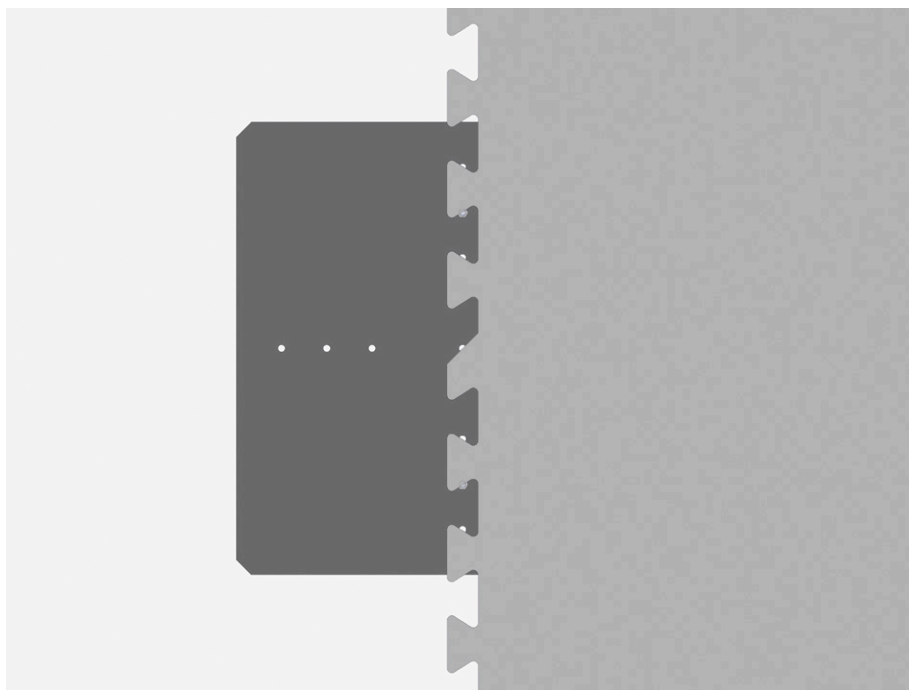
2



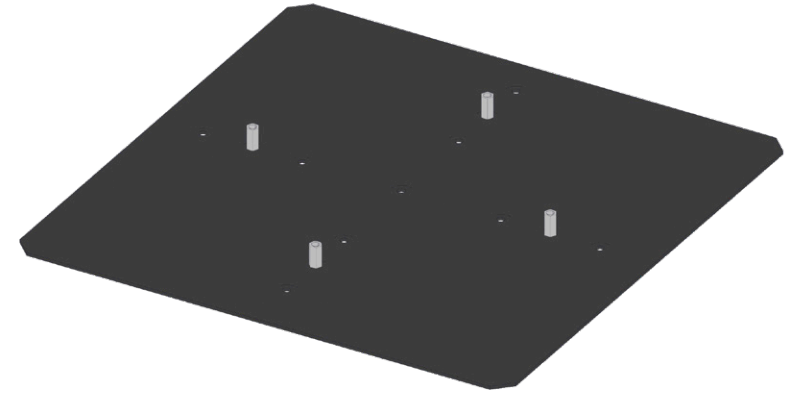
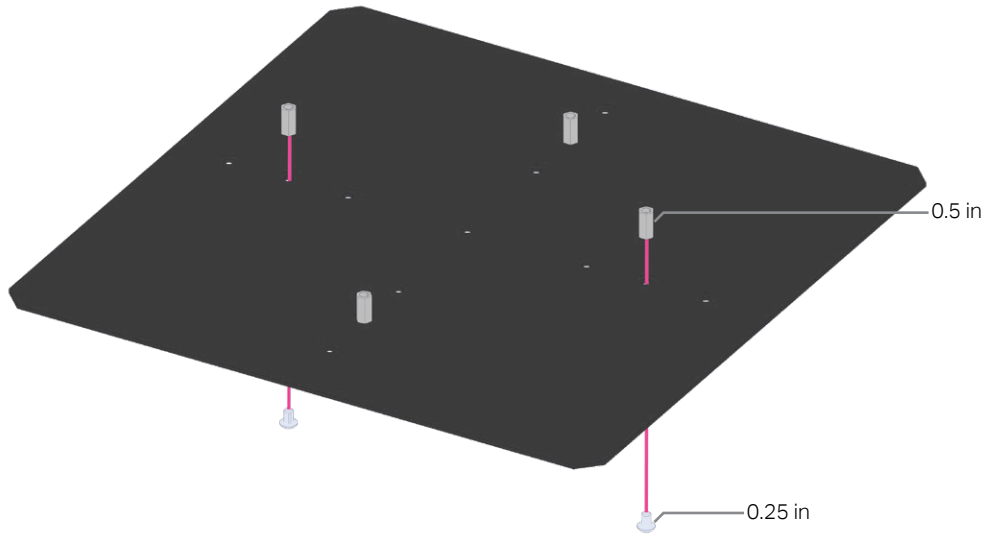
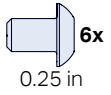
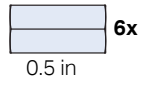
3 5X



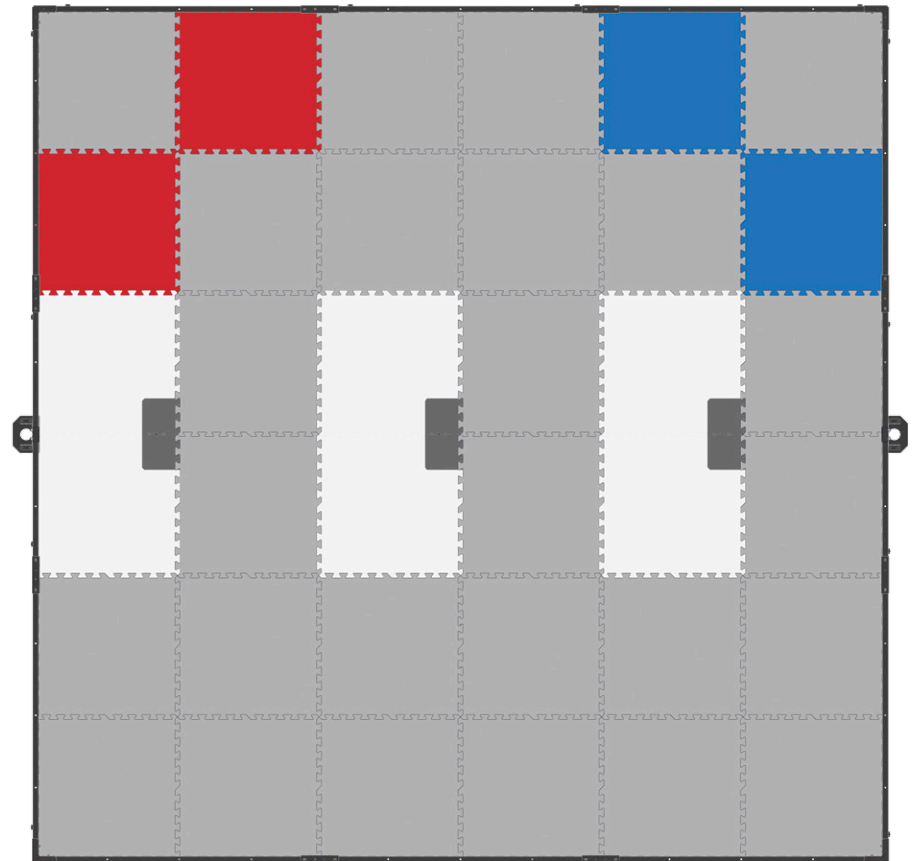
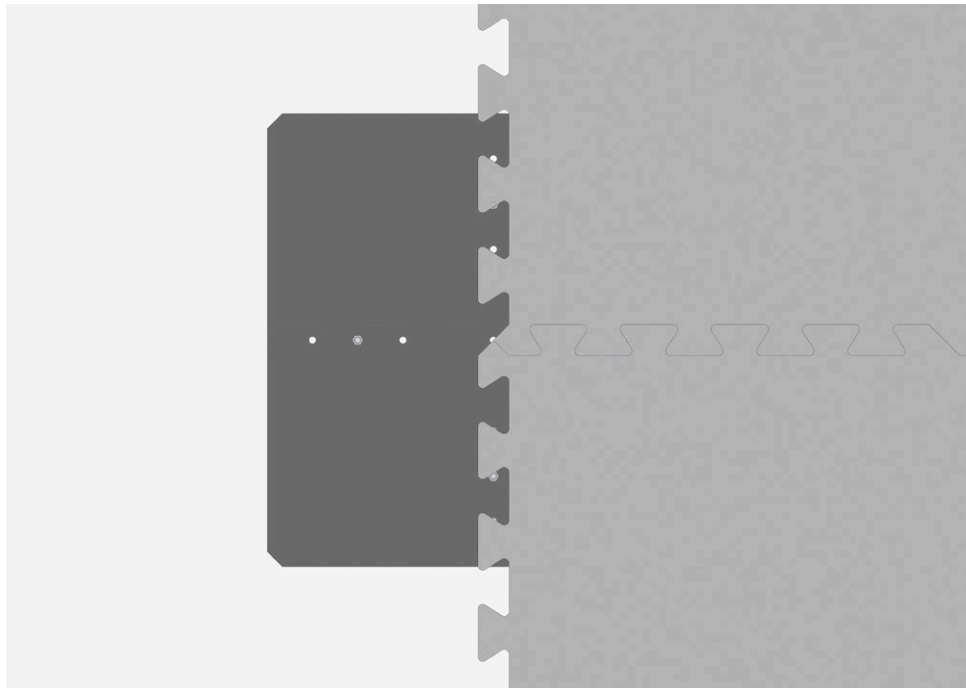
4



5 3X



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:

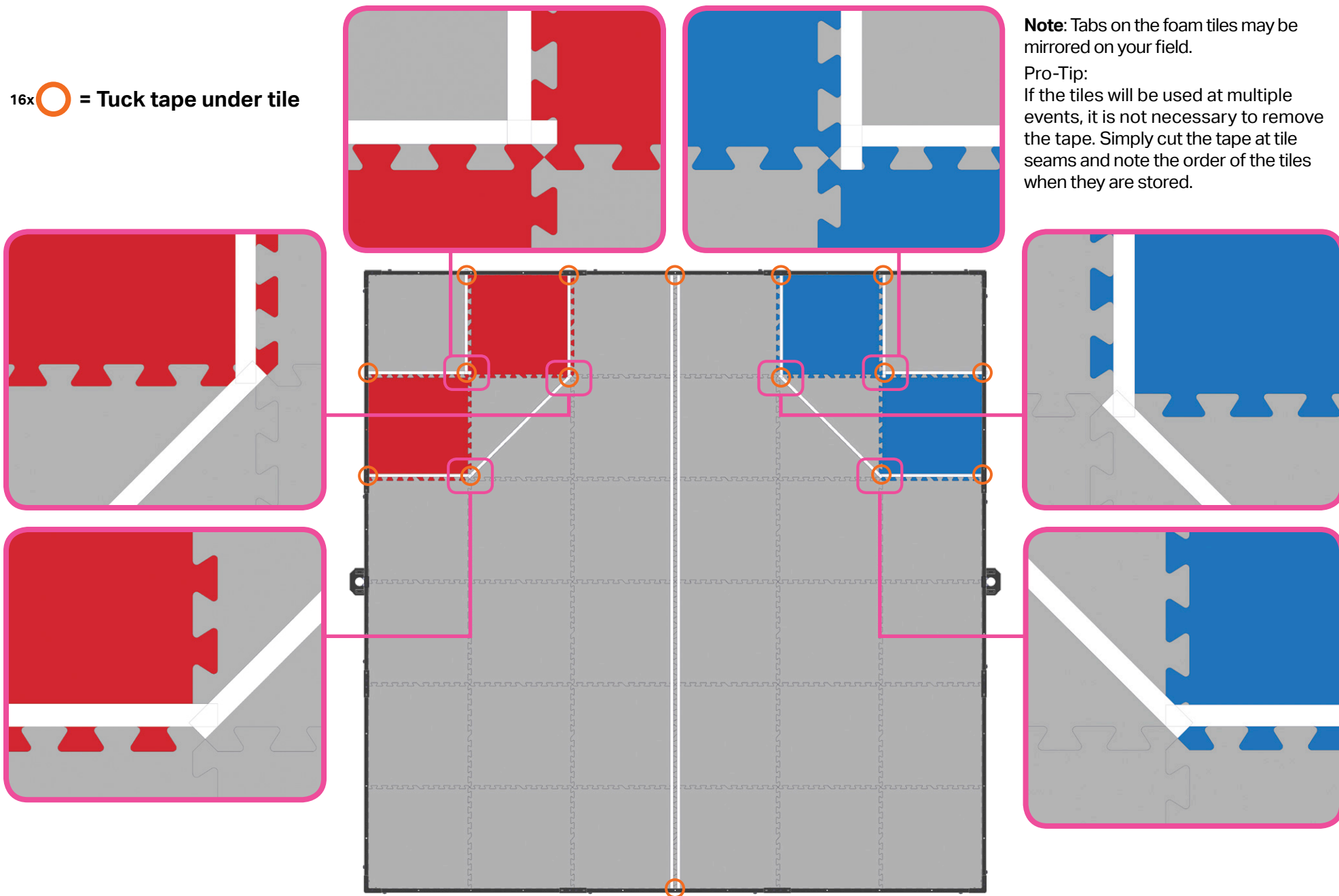
DO NOT stretch tape when applying to the foam tile floor. For best results, smooth out any bubbles that form during application.

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

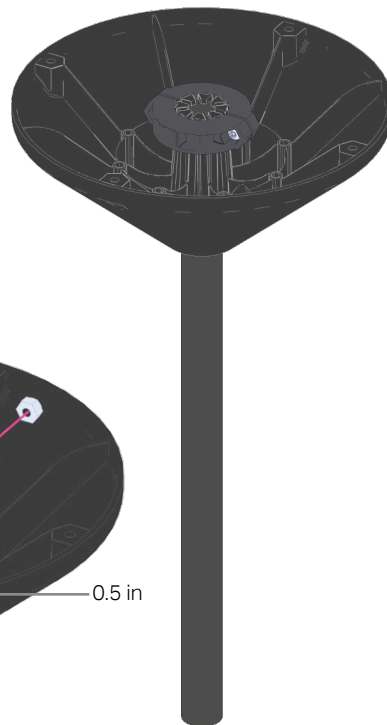
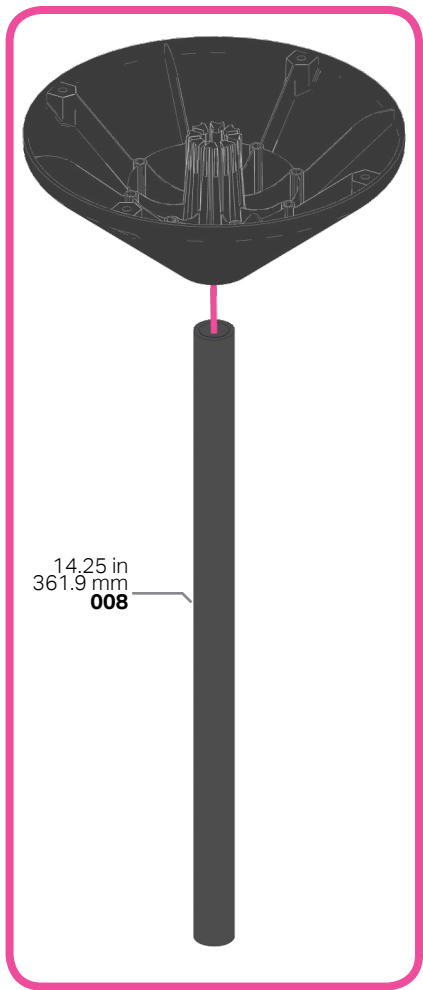
Note: Tabs on the foam tiles may be mirrored on your field.

Pro-Tip:

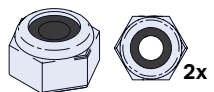
If the tiles will be used at multiple events, it is not necessary to remove the tape. Simply cut the tape at tile seams and note the order of the tiles when they are stored.



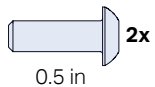
8



8-32 Nylock

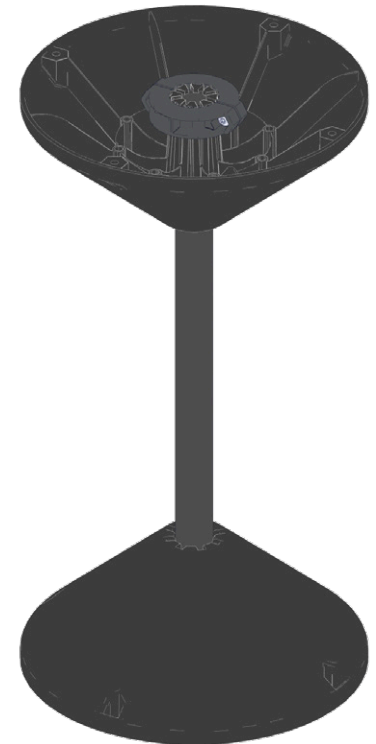
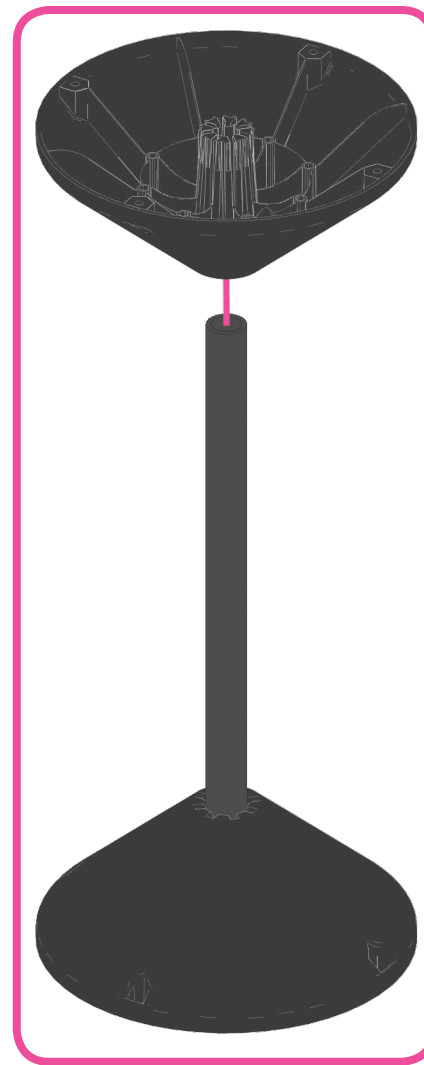


8-32 Nylock

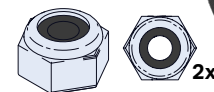


0.5 in

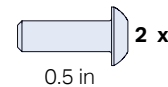
9



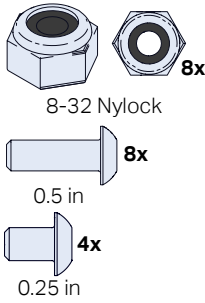
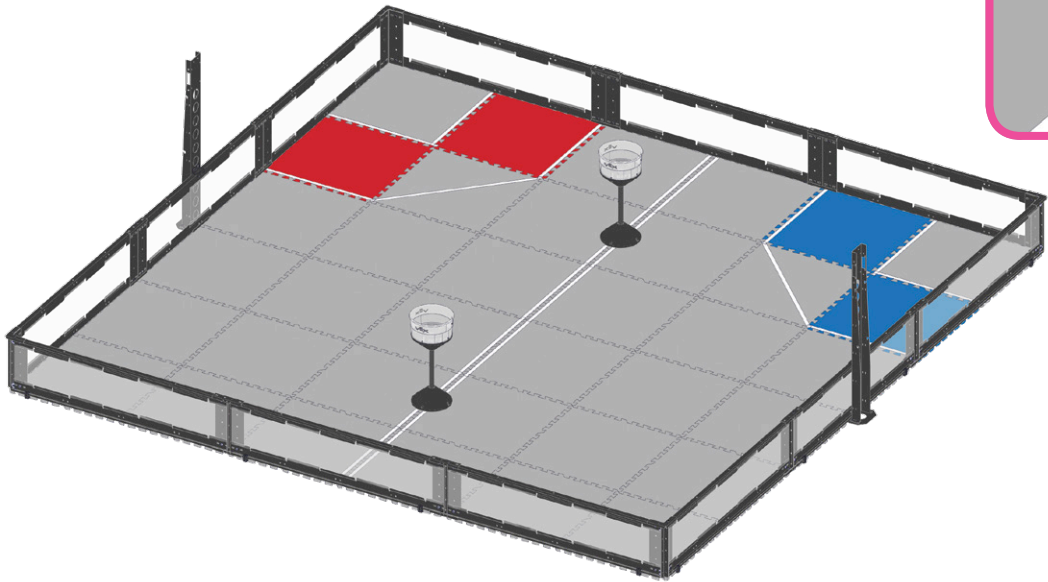
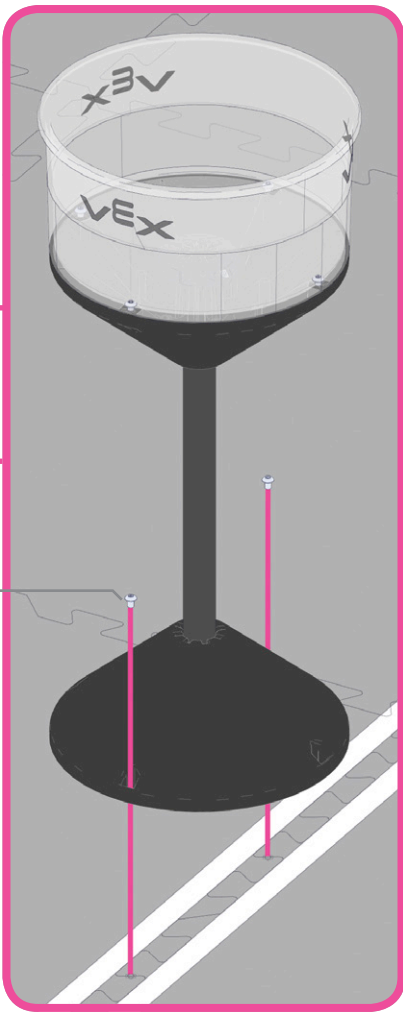
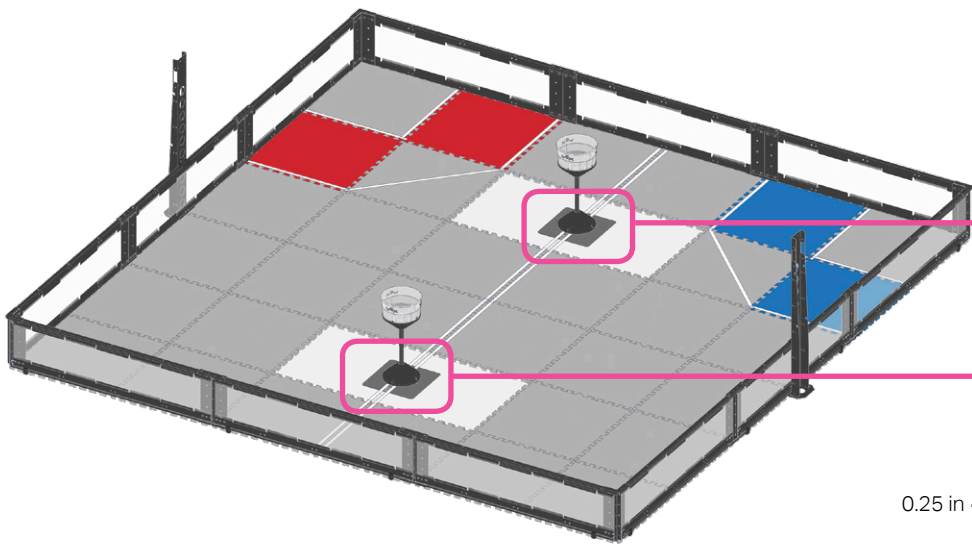
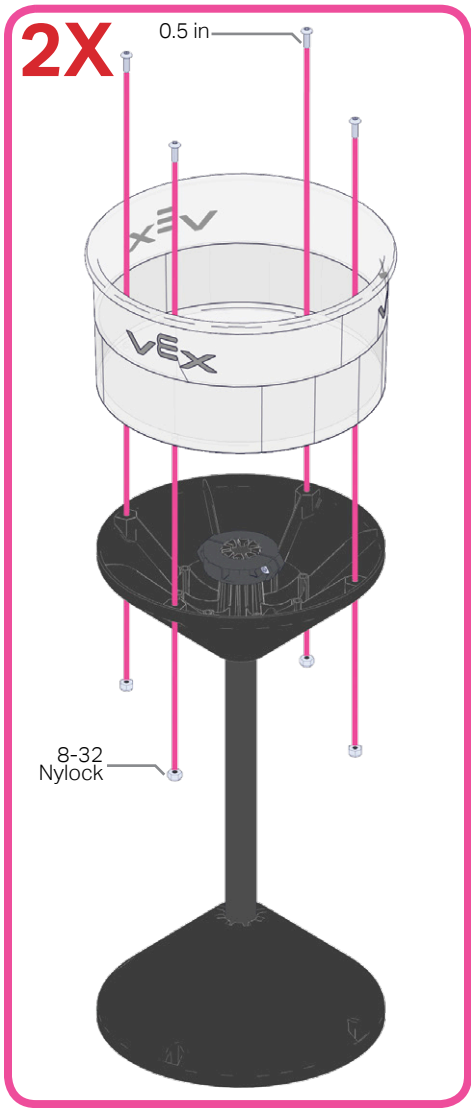
8-32 Nylock

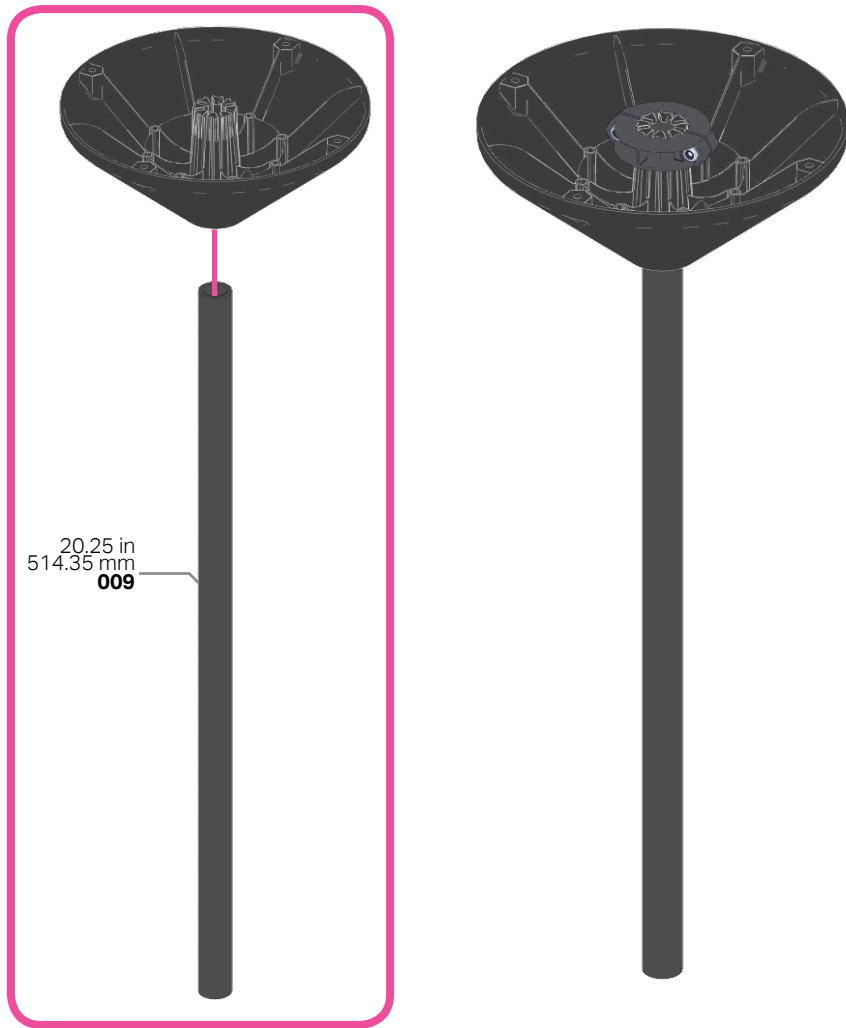


8-32 Nylock



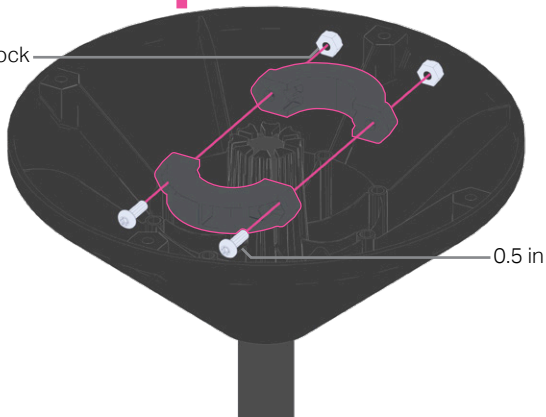
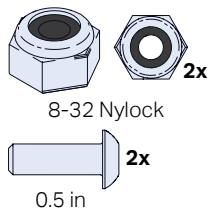
0.5 in





20.25 in
514.35 mm
009

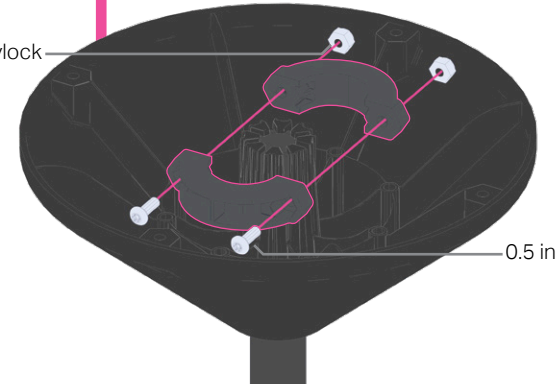
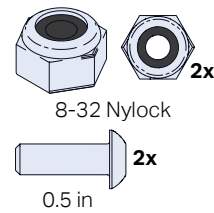
8-32 Nylock



0.5 in

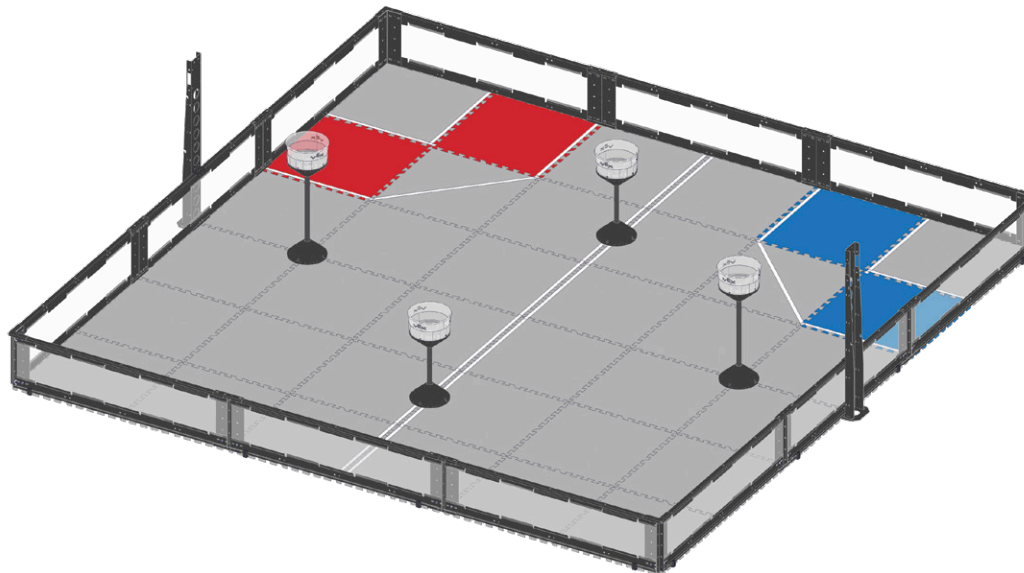
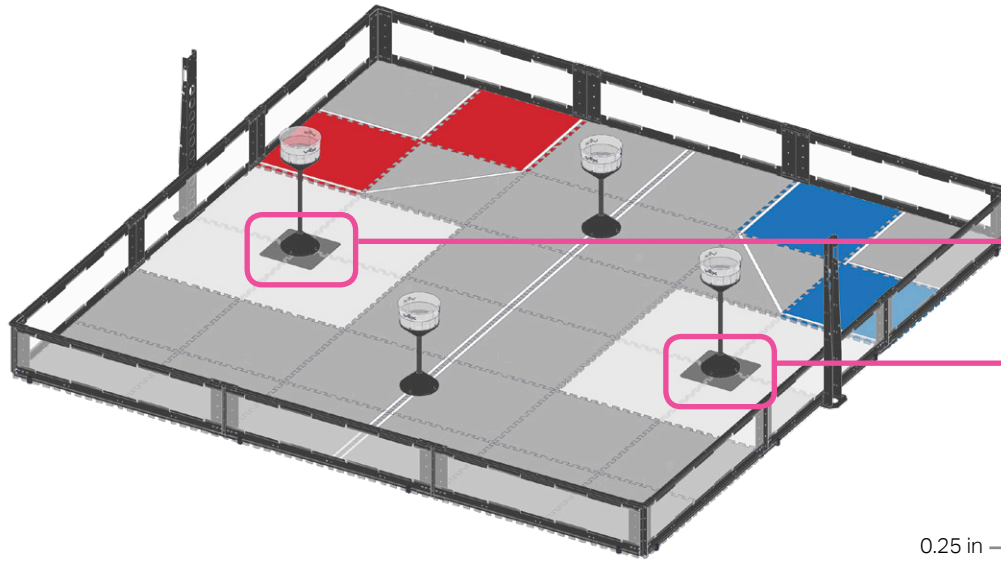
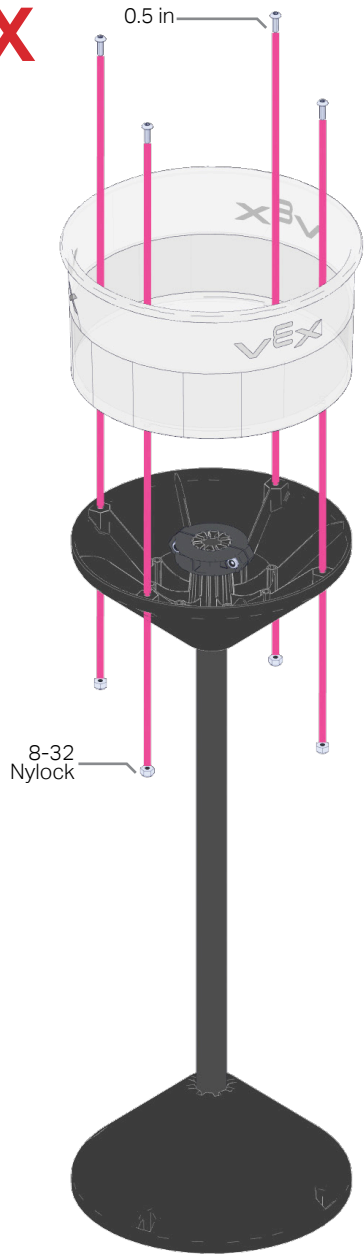


8-32 Nylock

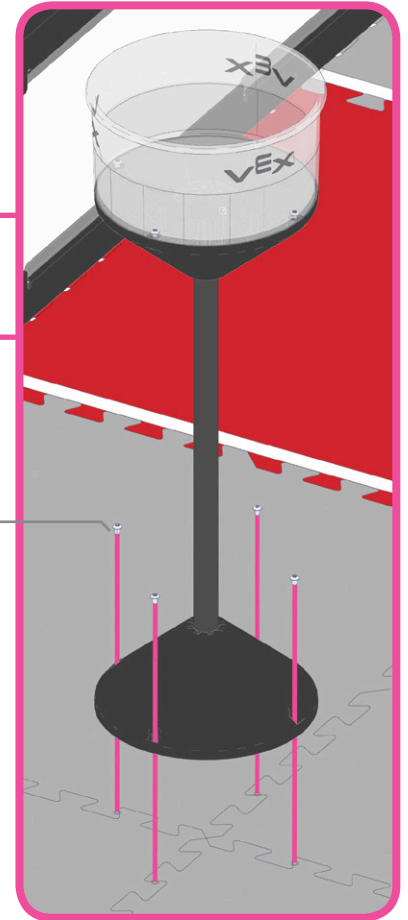


0.5 in

2X



0.25 in



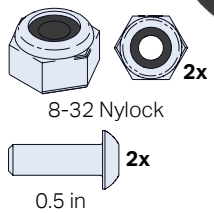
- 8x 8-32 Nylock
- 8x 0.5 in
- 4x 0.25 in

14

33.5 in
850.9 mm
010

8-32 Nylock

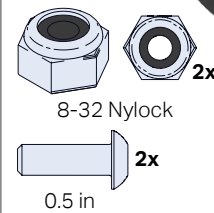
0.5 in

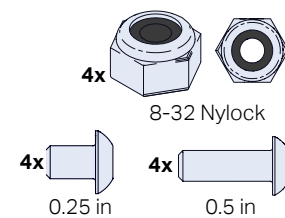
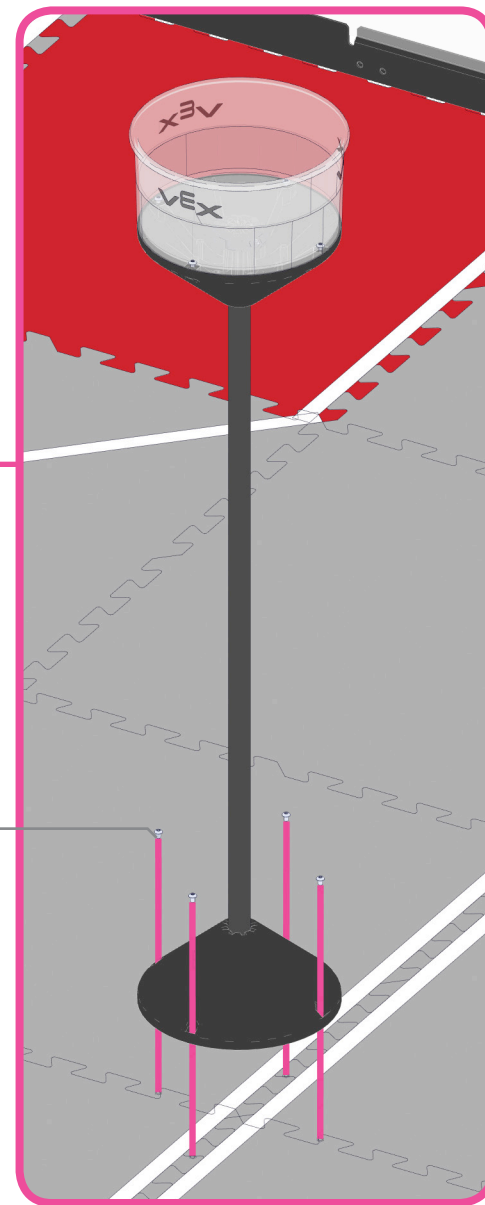
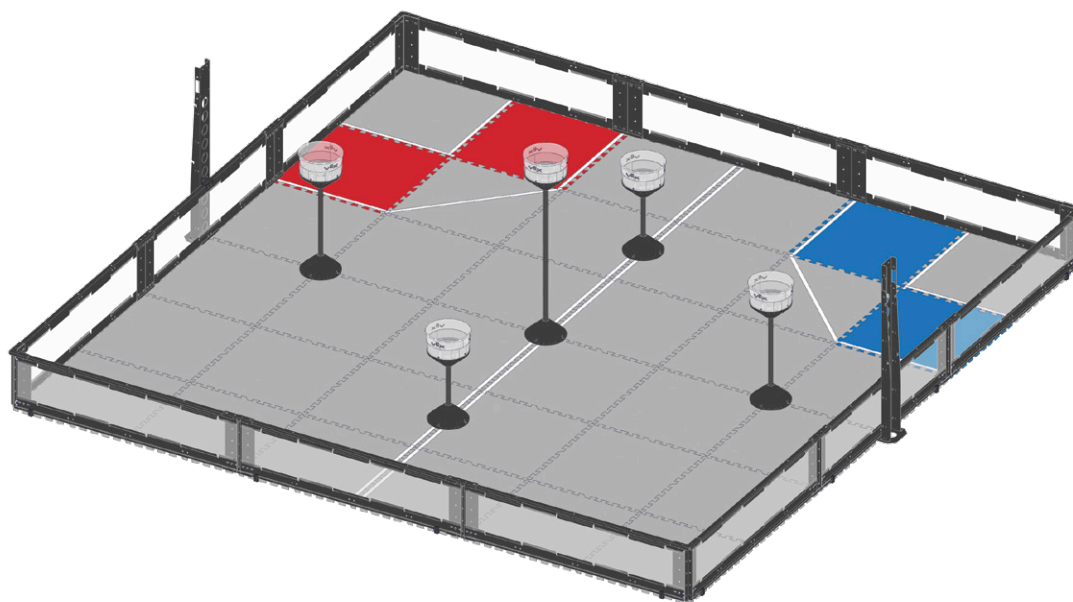
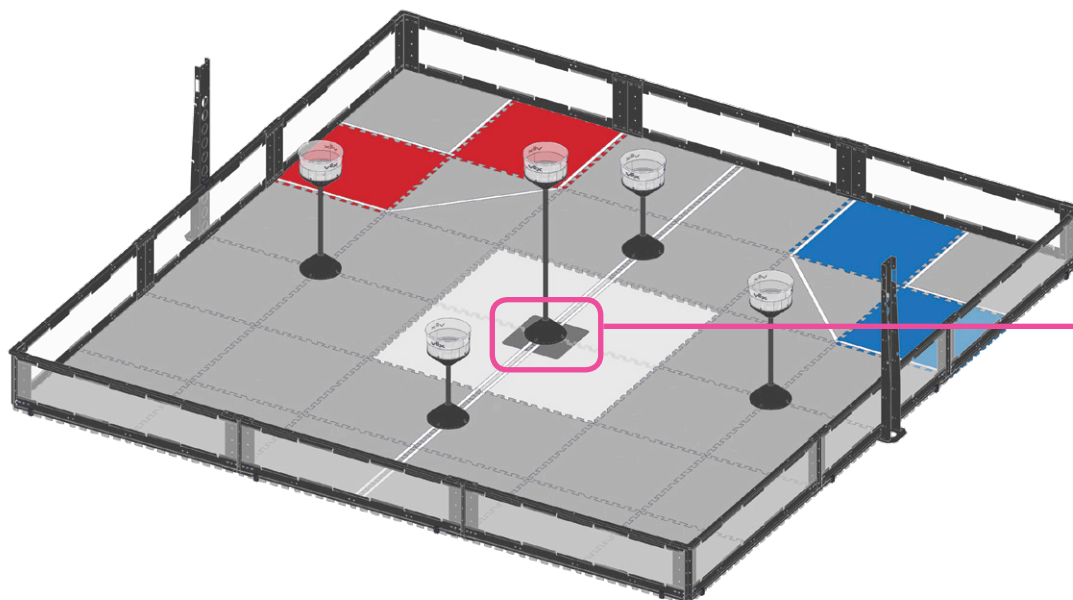
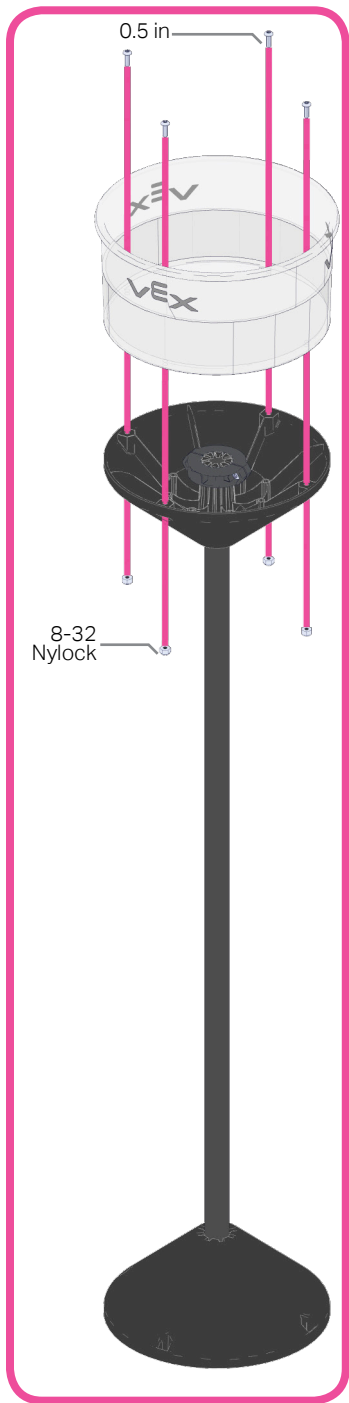


15

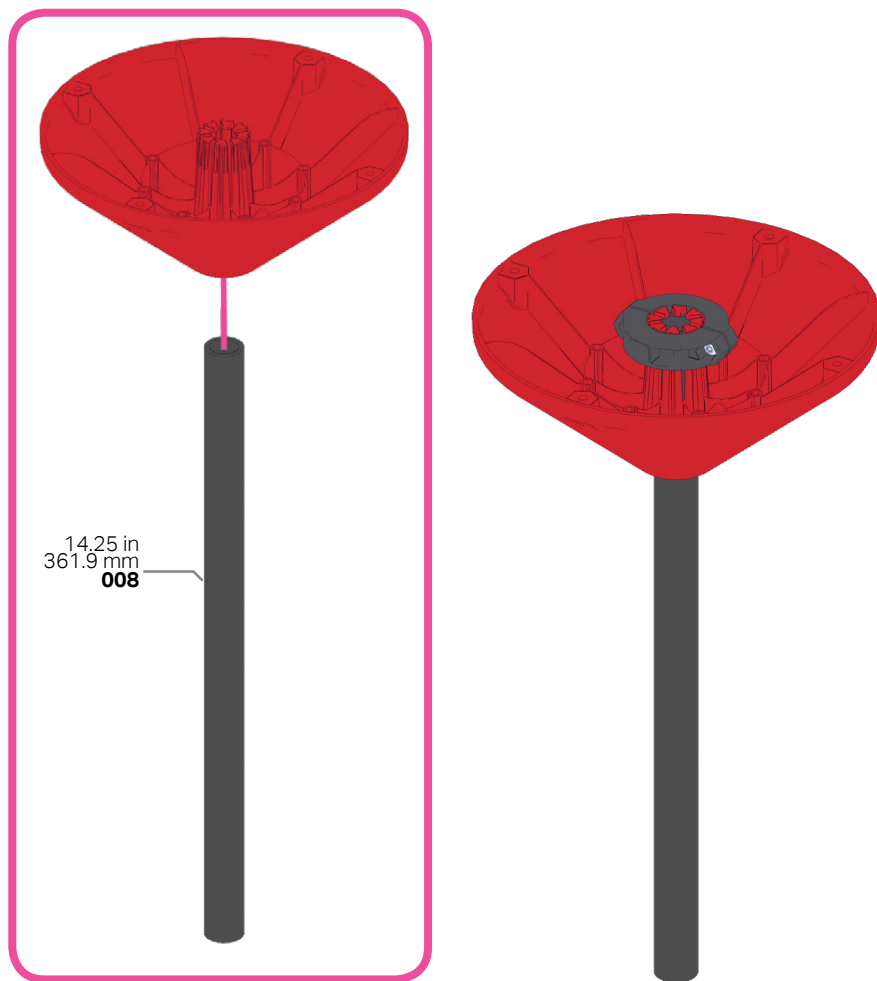
8-32 Nylock

0.5 in

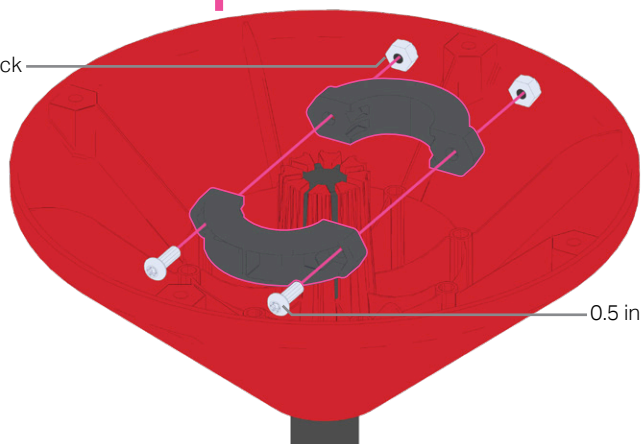
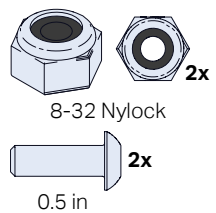




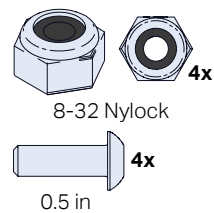
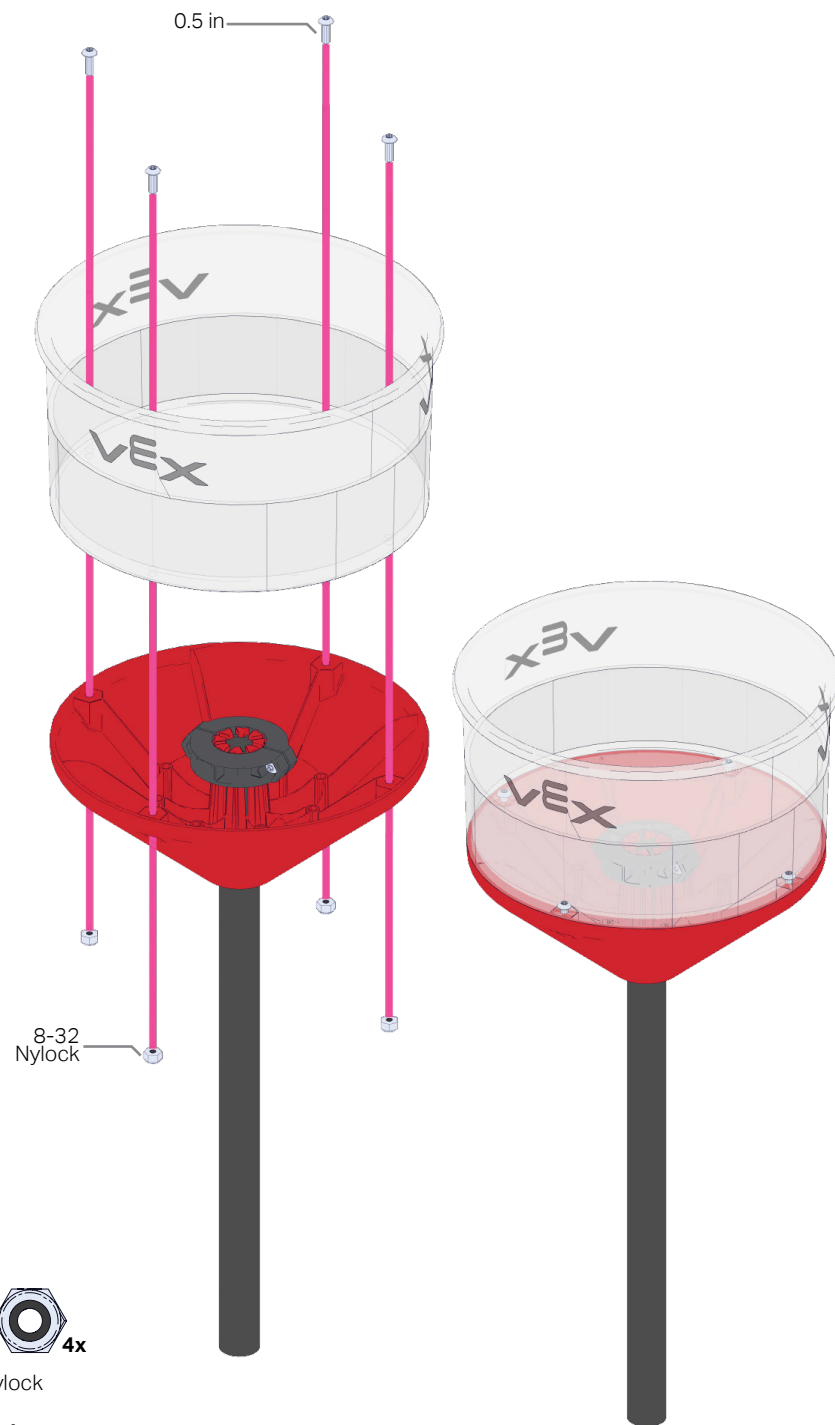
17



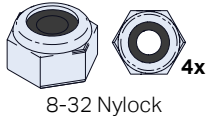
8-32 Nylock



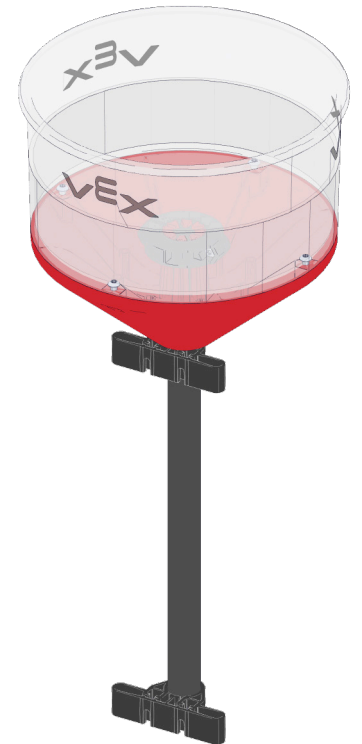
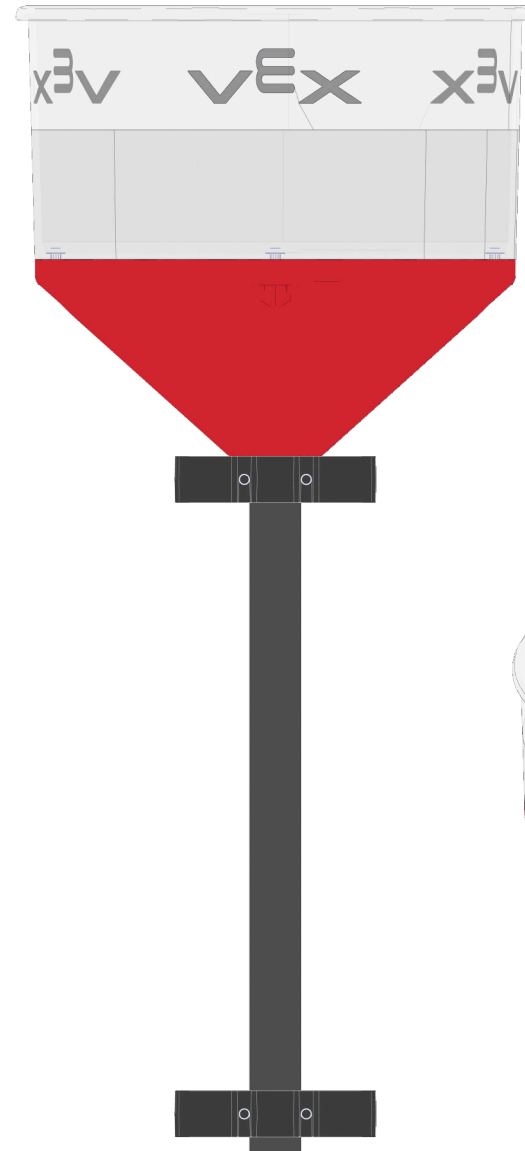
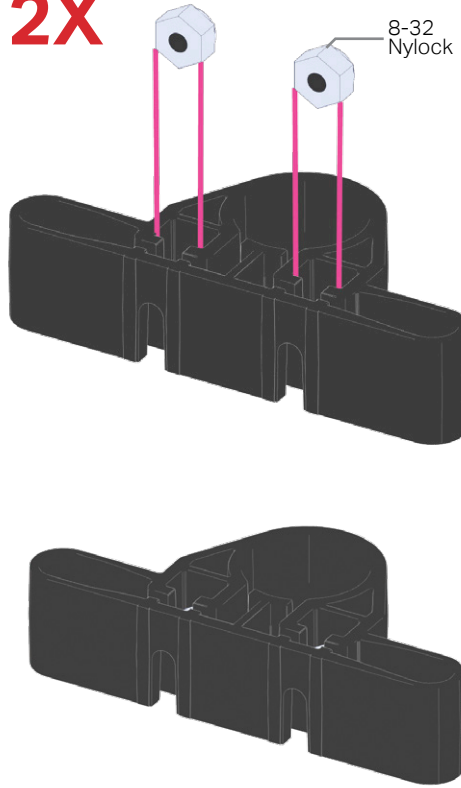
18

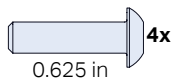
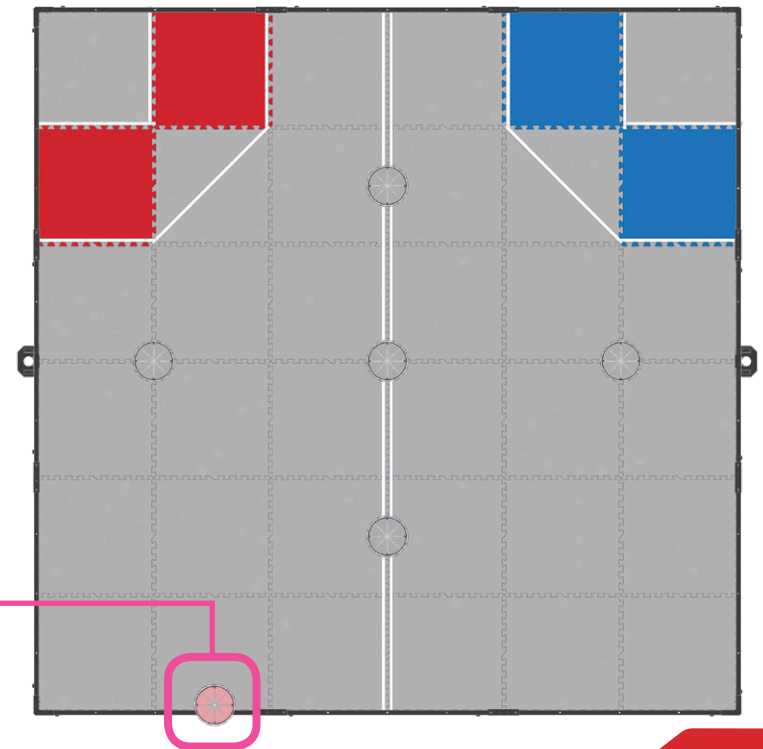
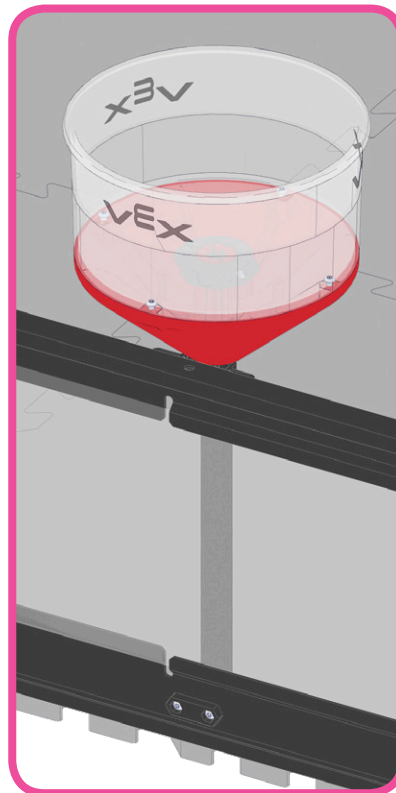
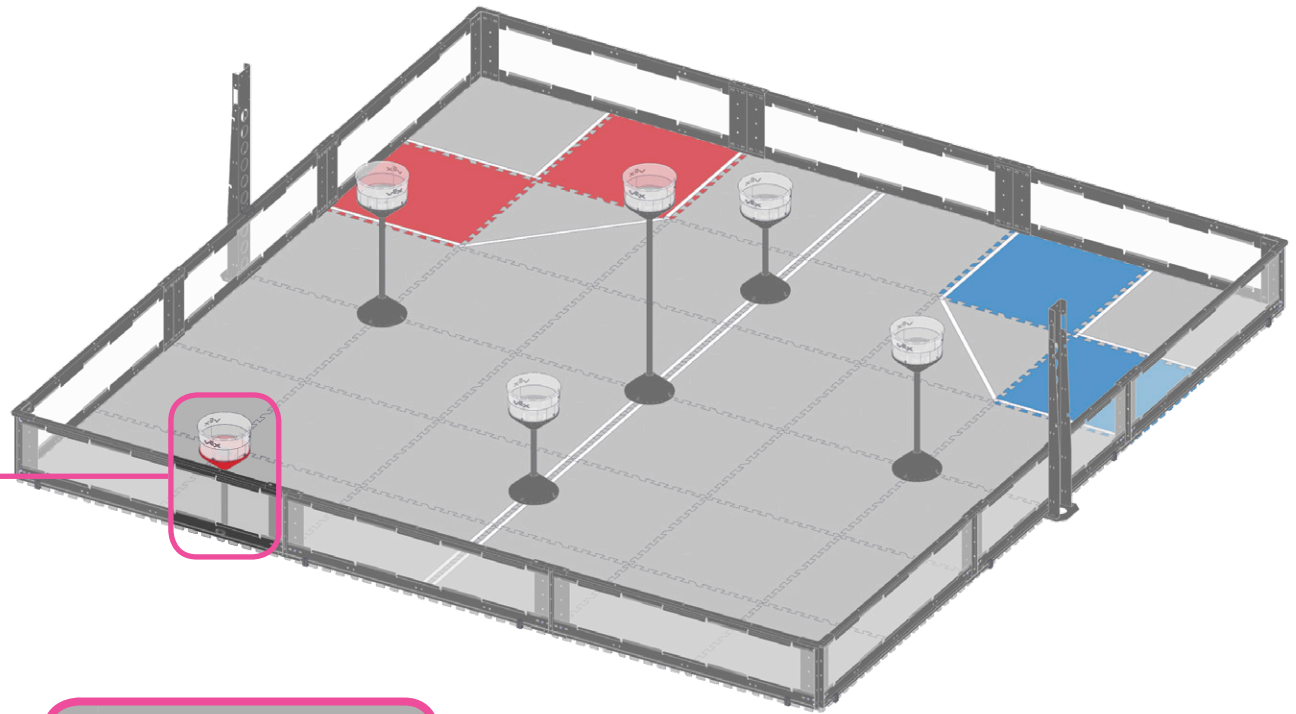
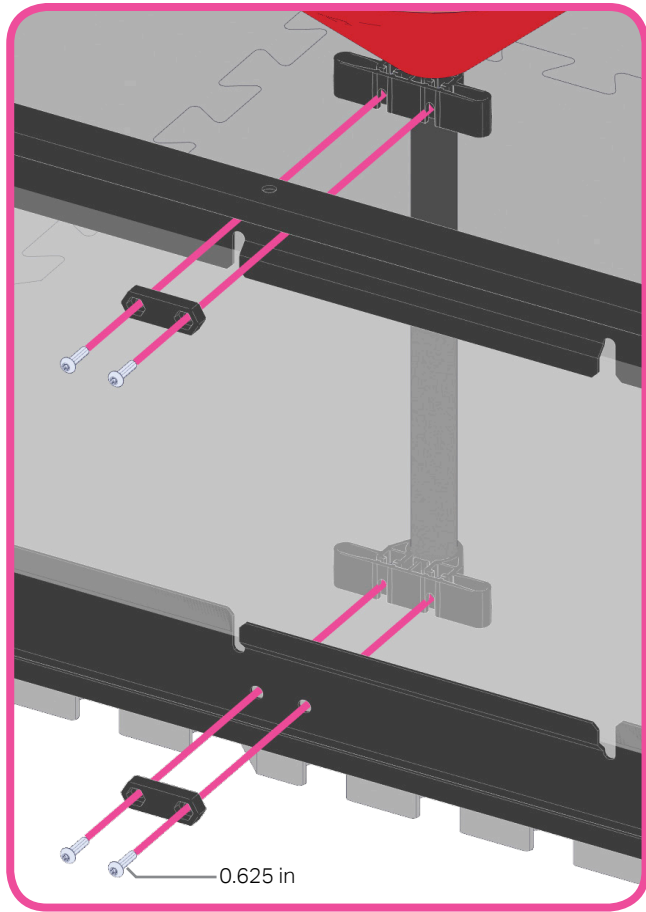


19

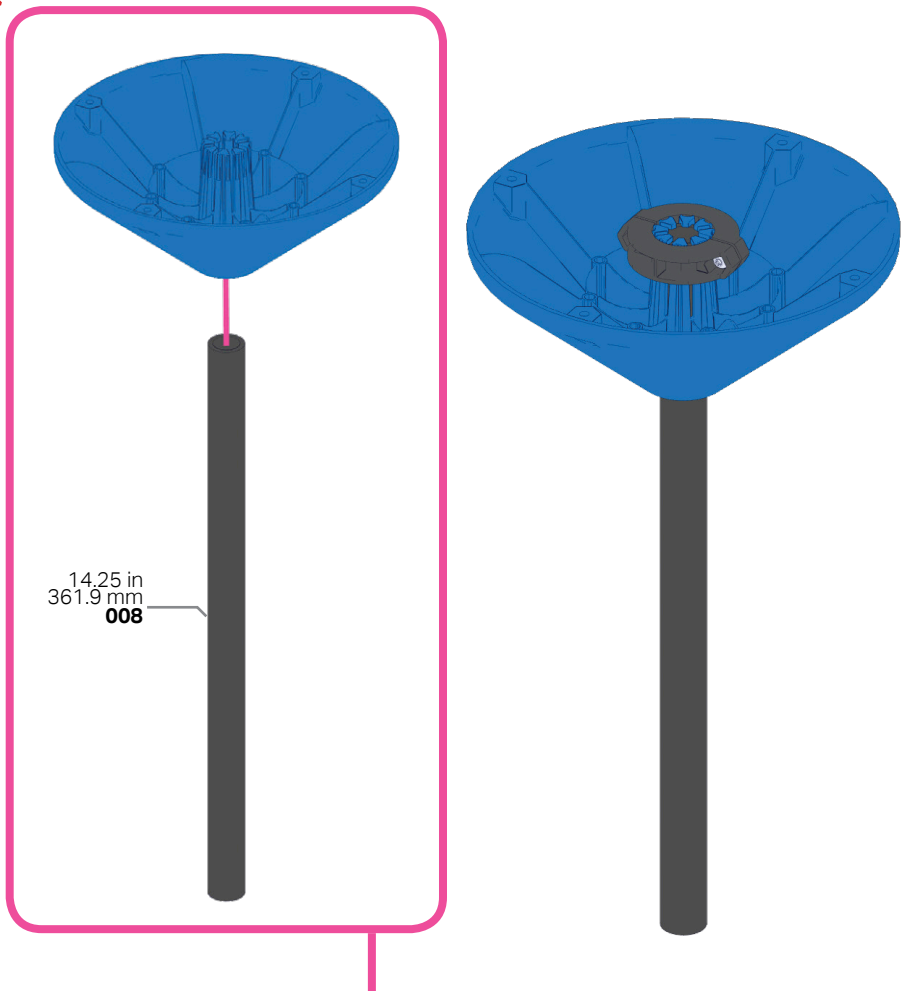


2X

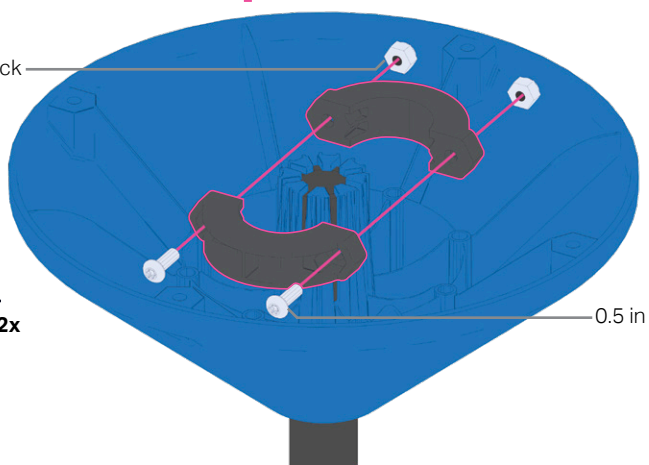
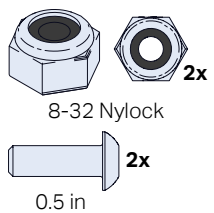




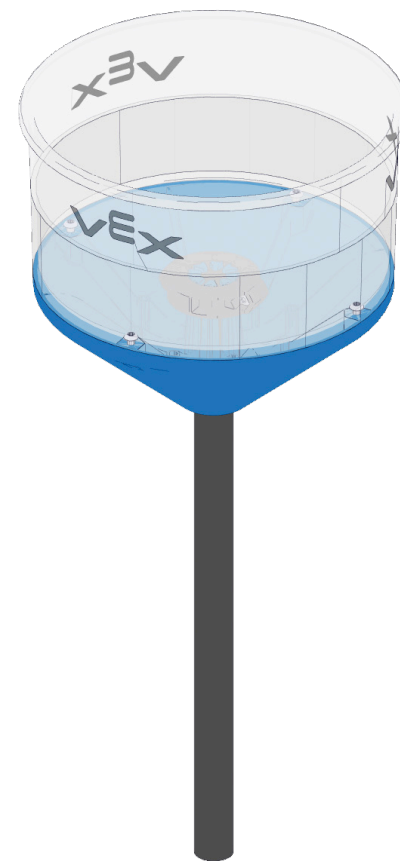
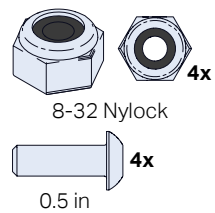
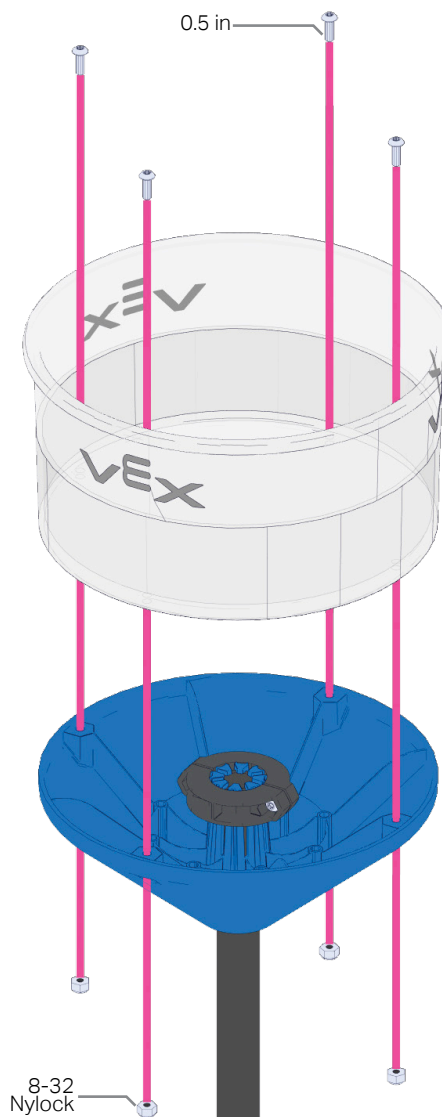
21



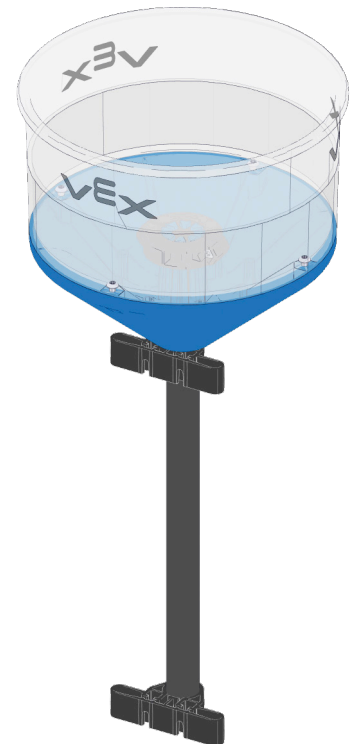
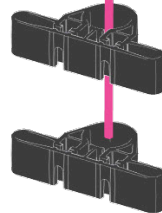
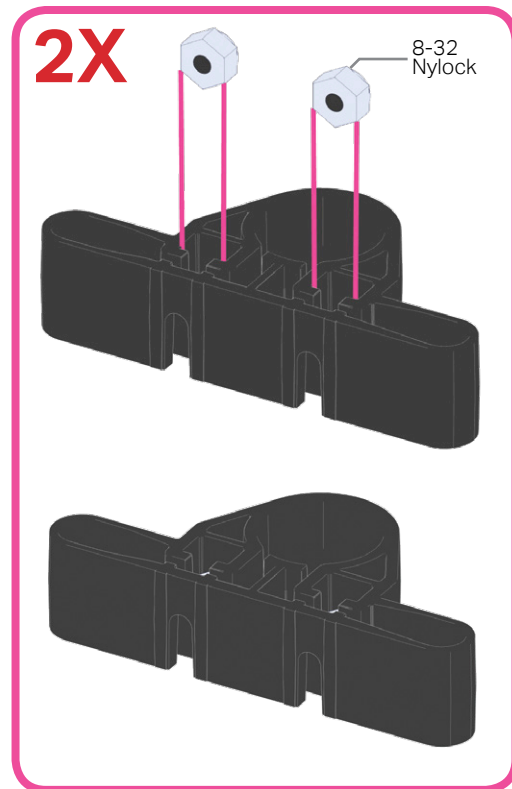
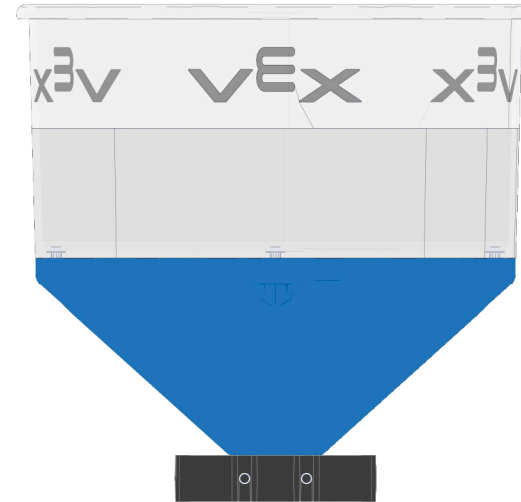
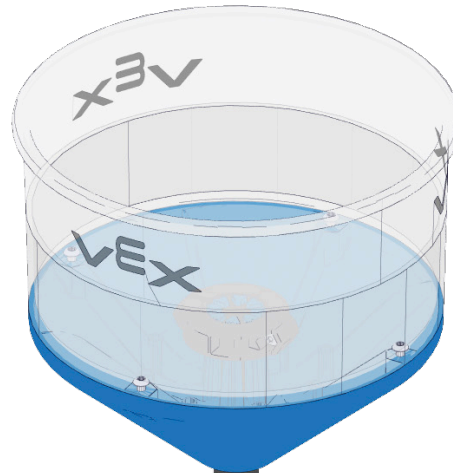
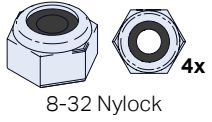
8-32 Nylock

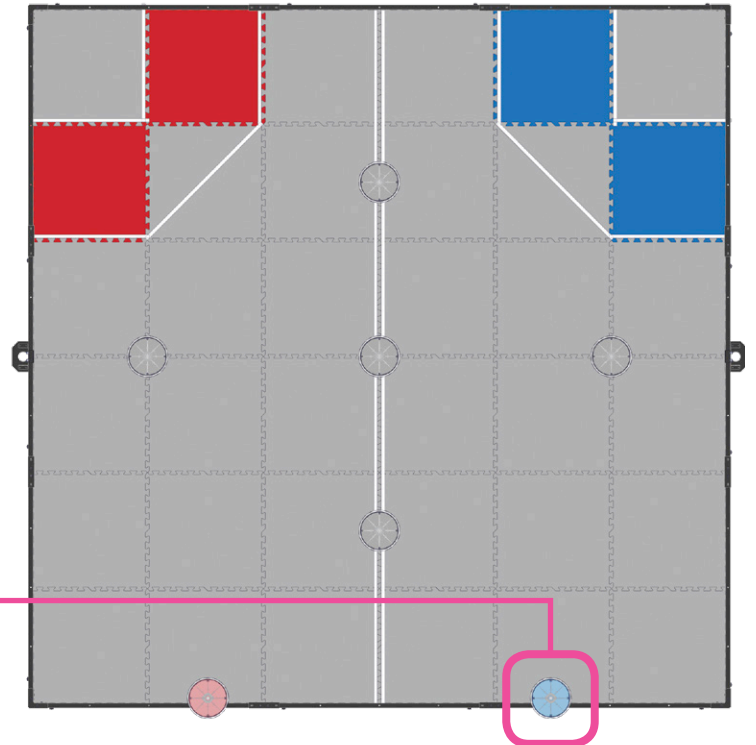
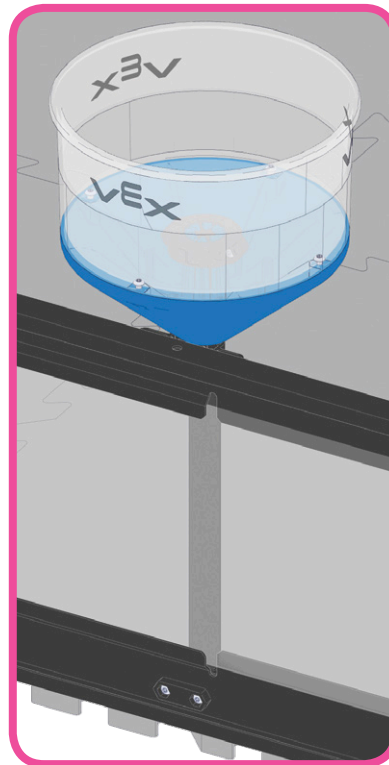
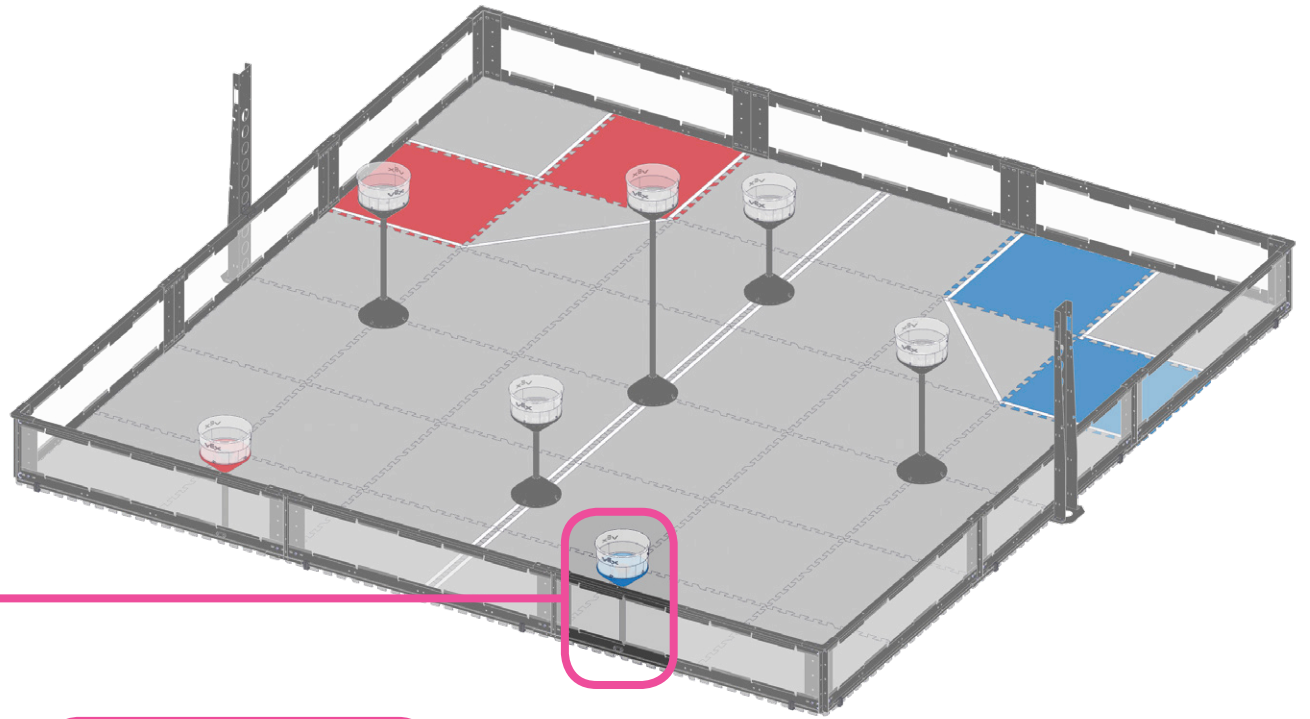
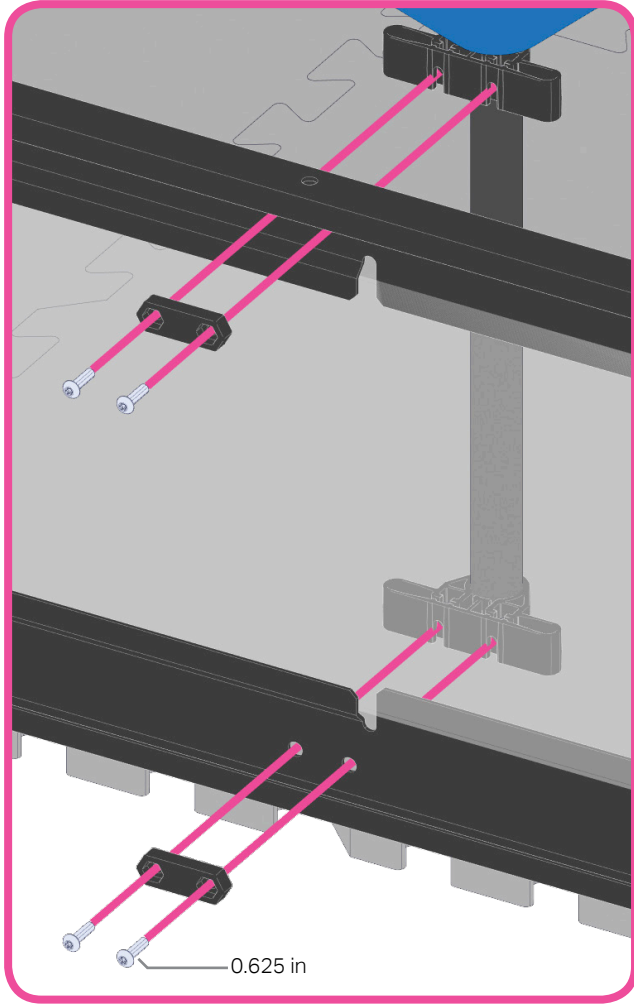


22



23





25



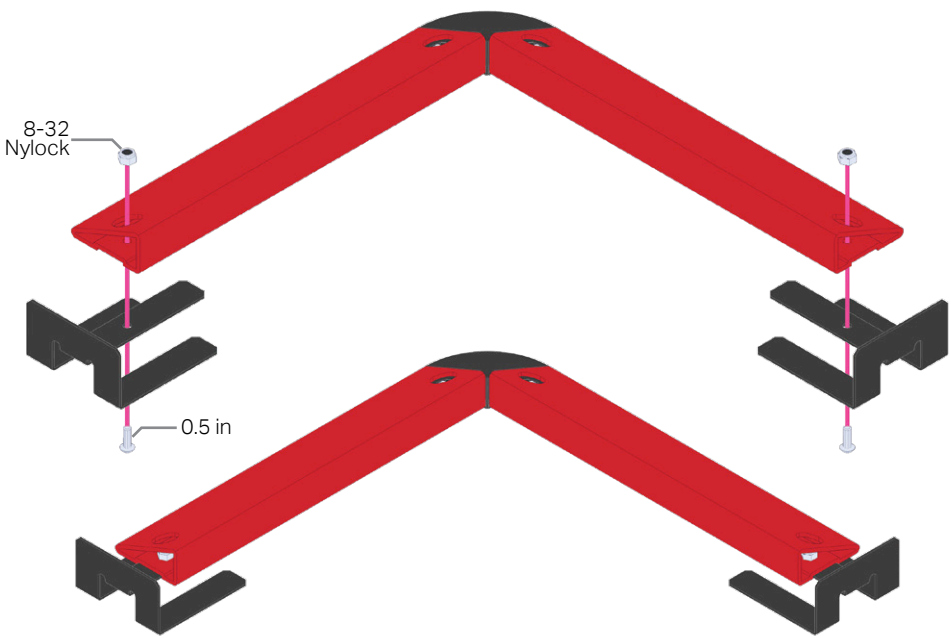
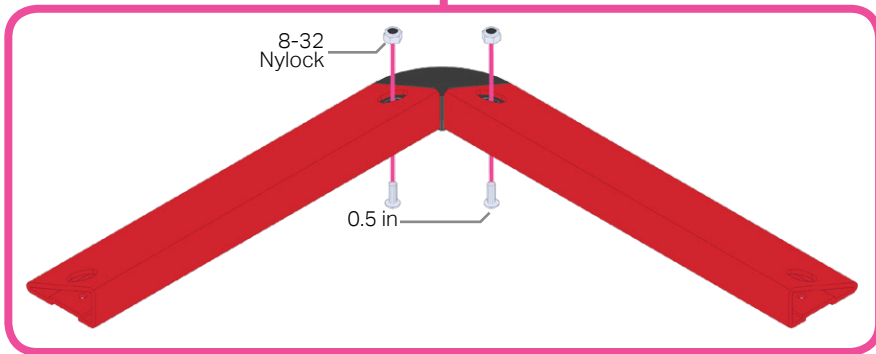
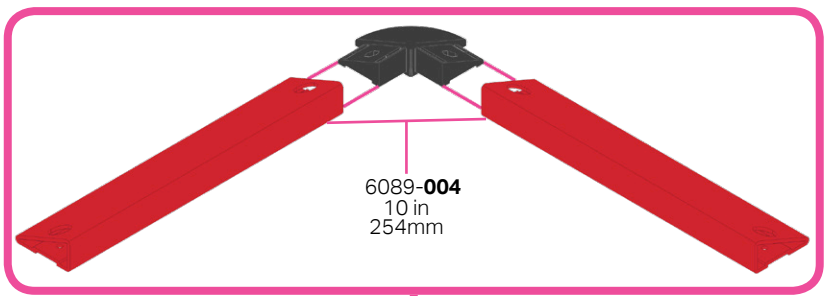
4x



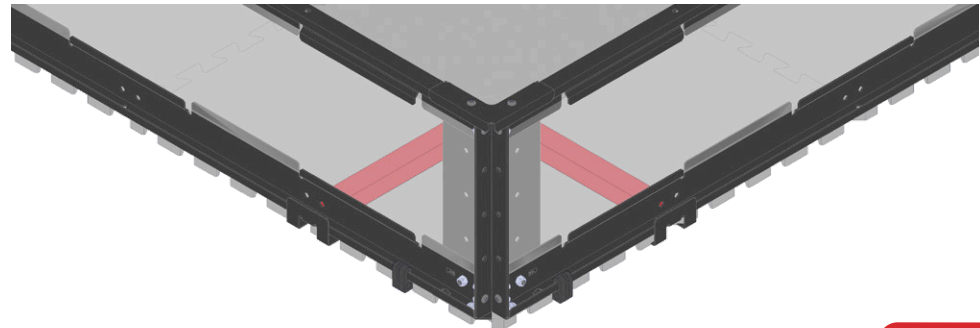
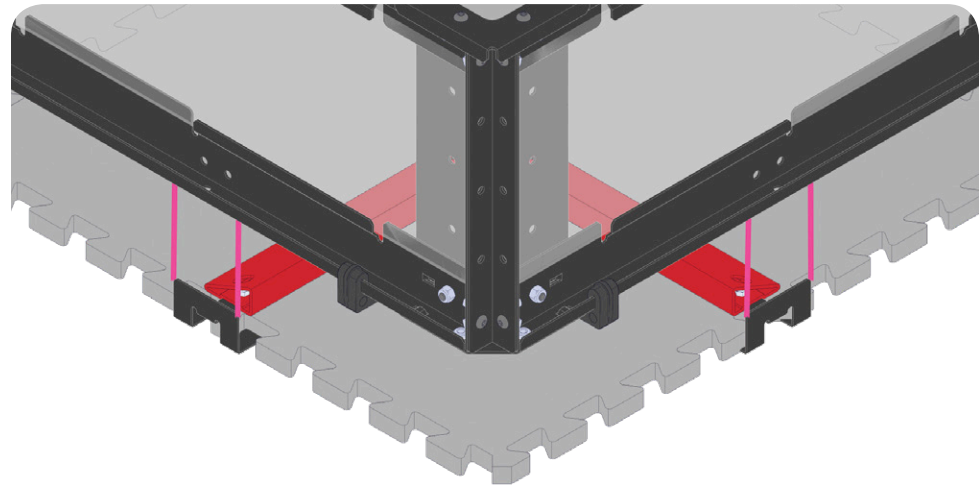
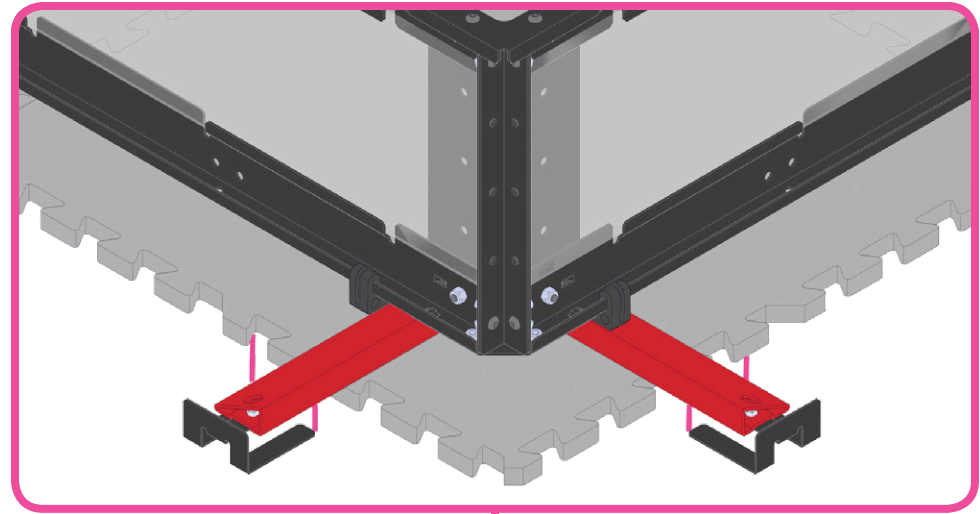
0.5 in

4x

8-32 Nylock



26



27



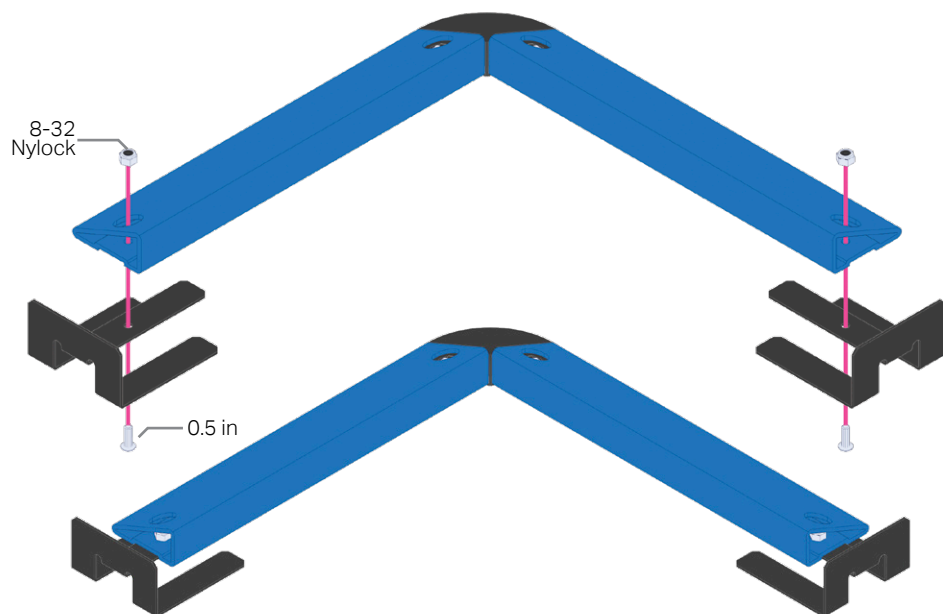
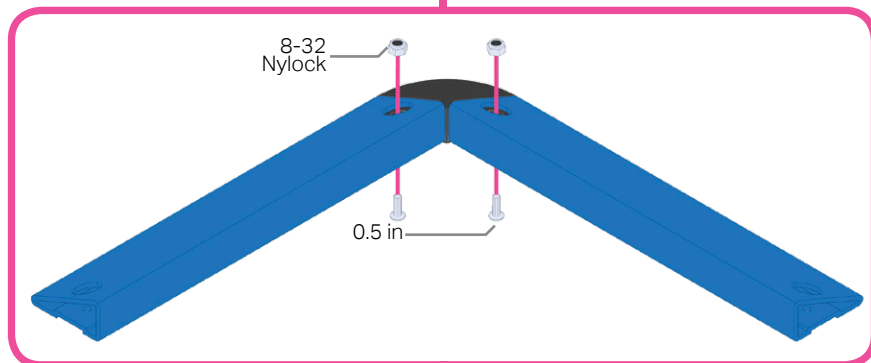
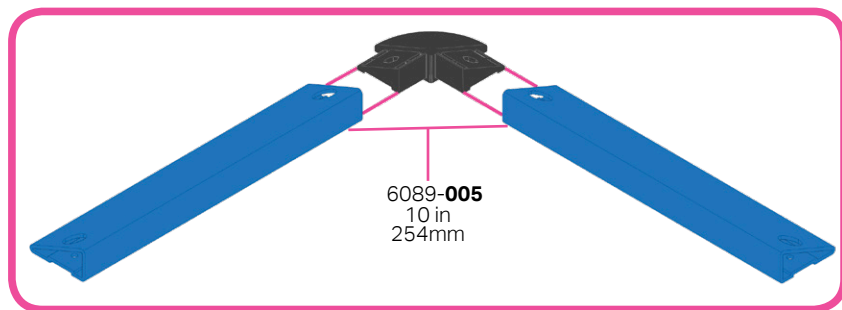
4x



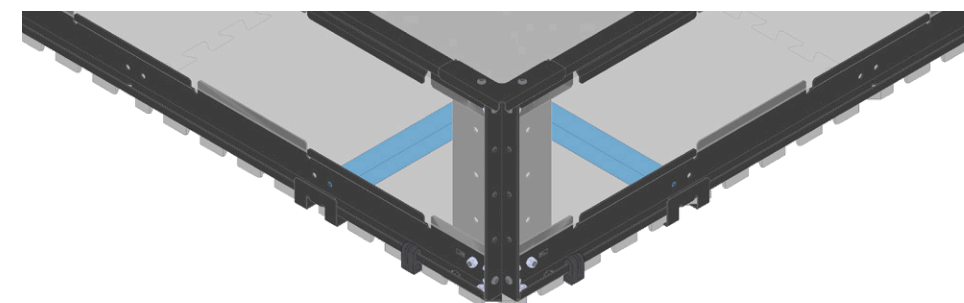
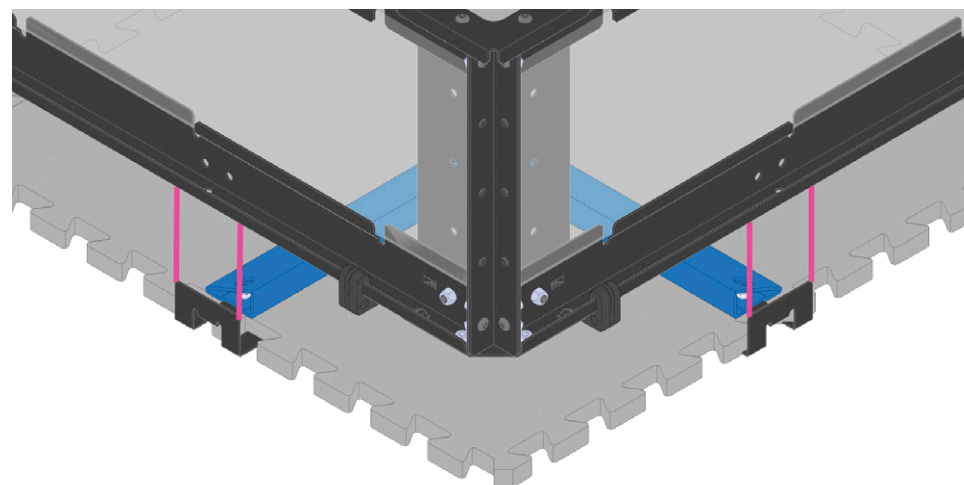
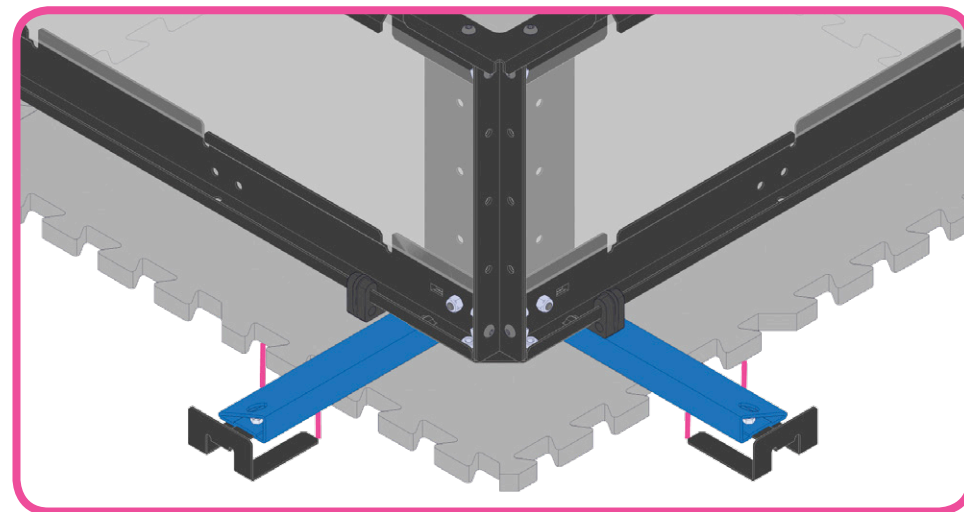
0.5 in

4x

8-32 Nylock



28



29



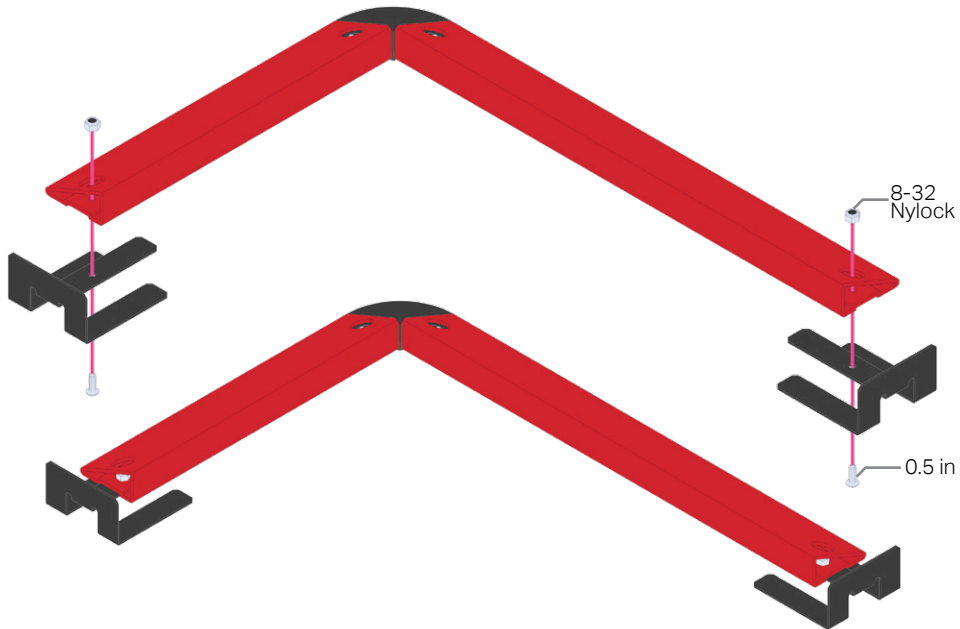
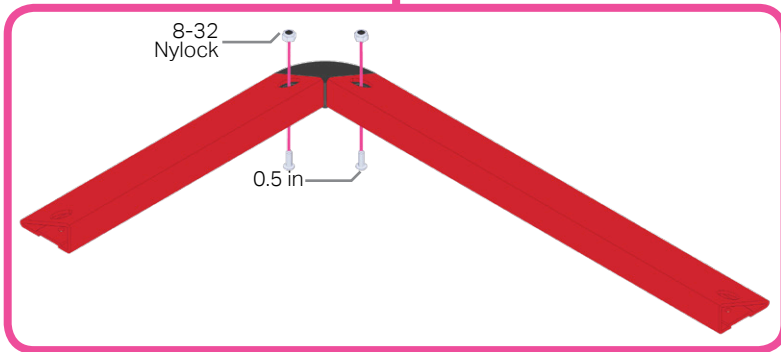
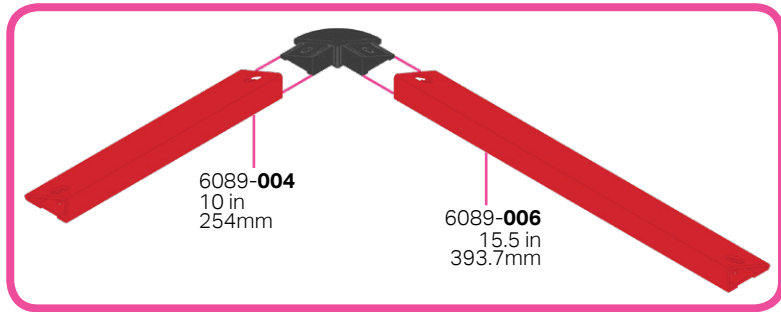
4x



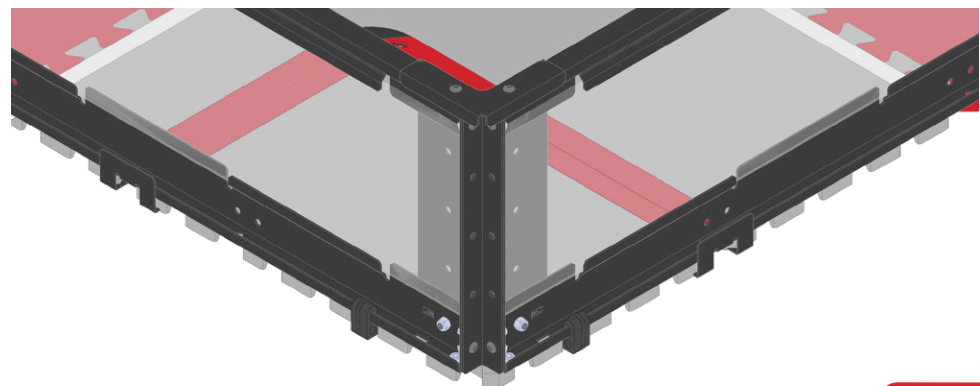
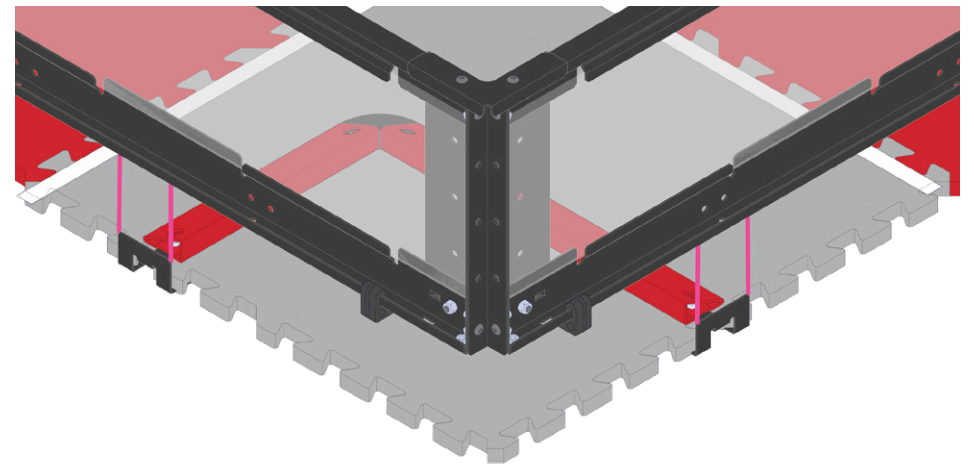
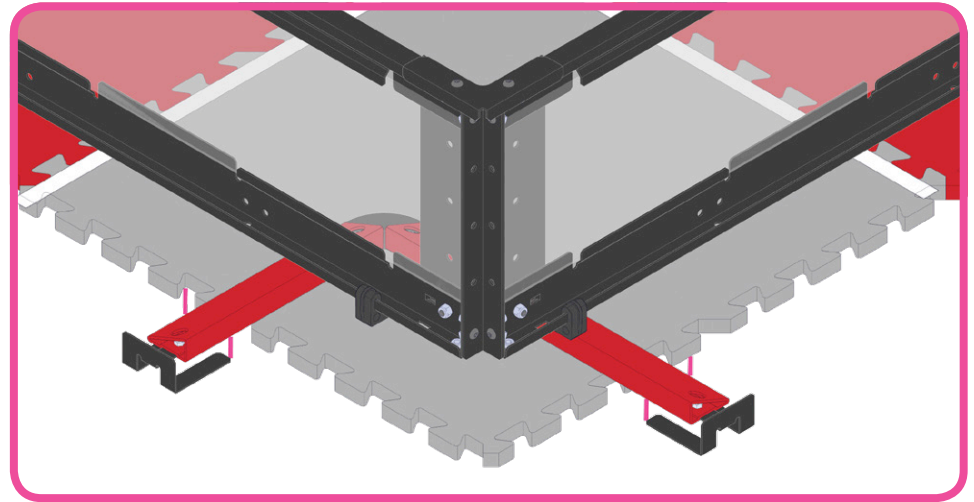
0.5 in

4x

8-32 Nylock



30



31



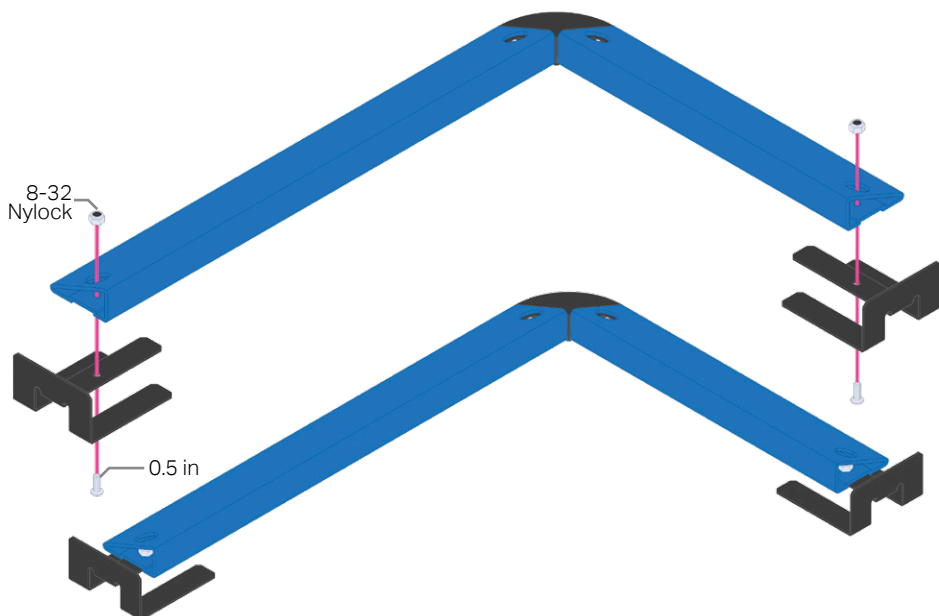
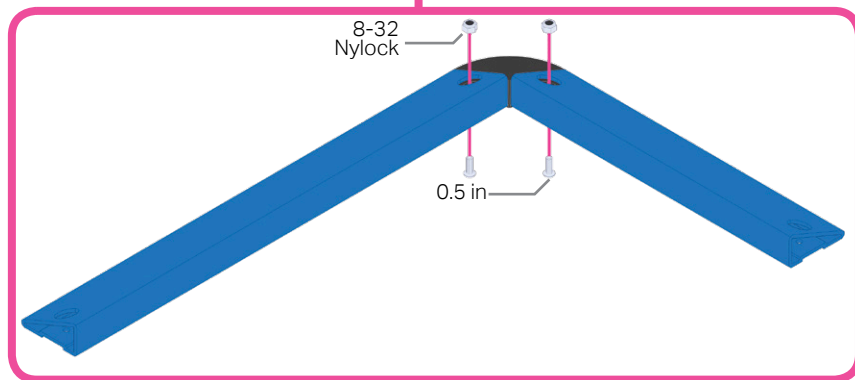
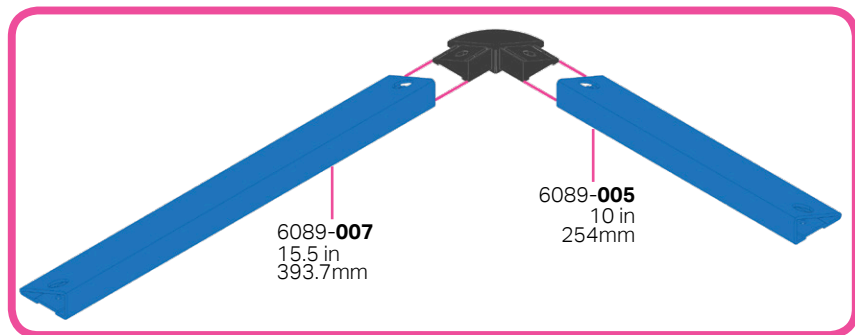
4x



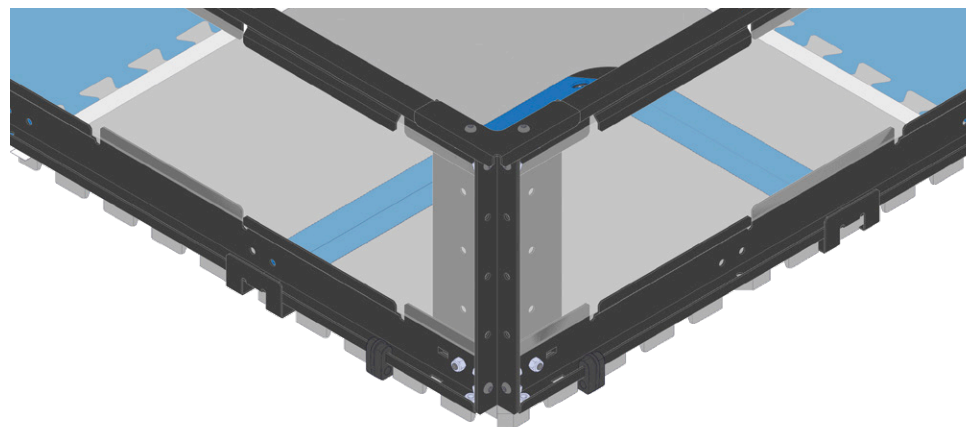
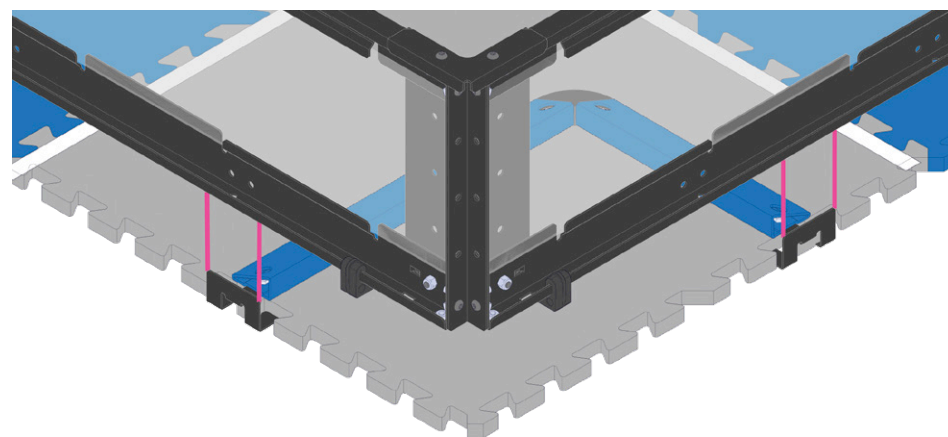
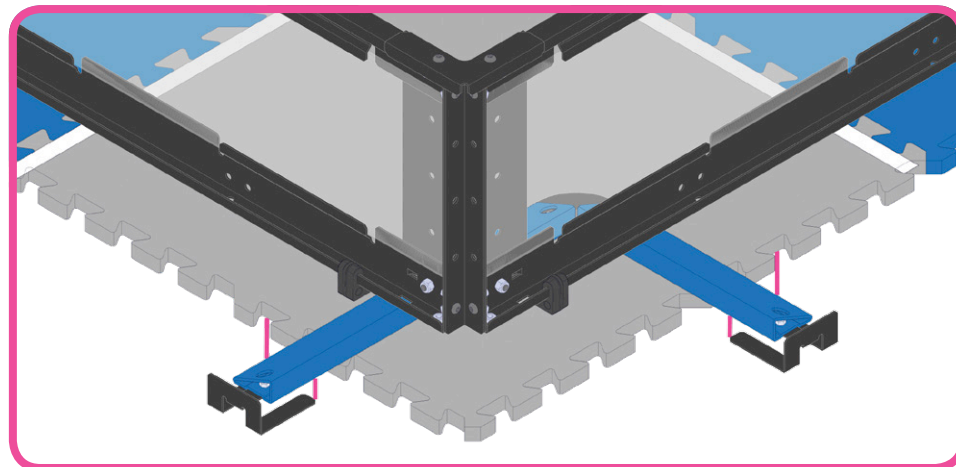
0.5 in

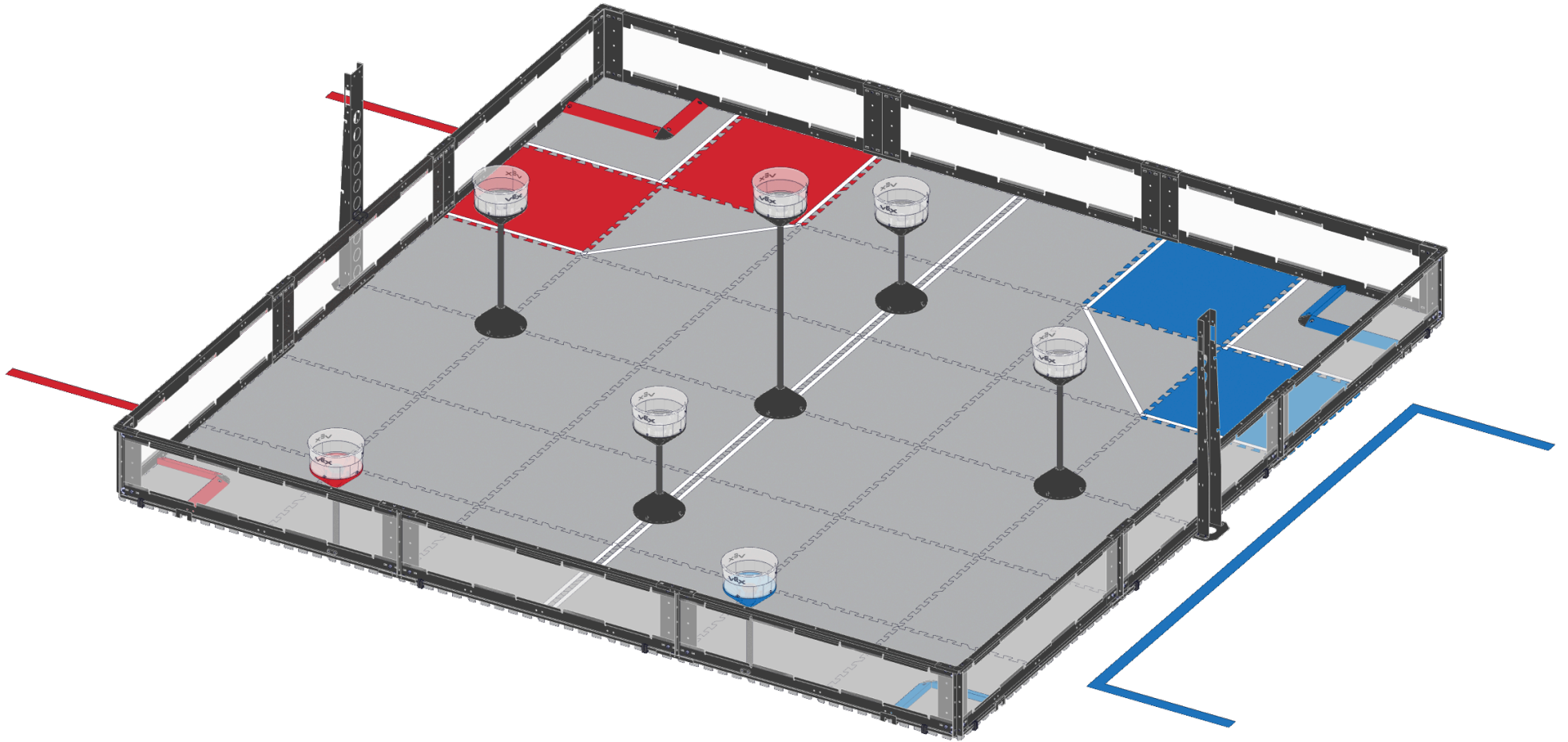
4x

8-32 Nylock



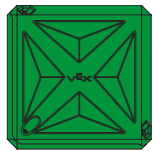
32



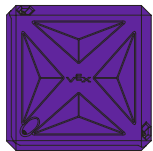


Tower Takeover Game Element Placement

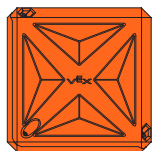
 vexedr.com/current-game



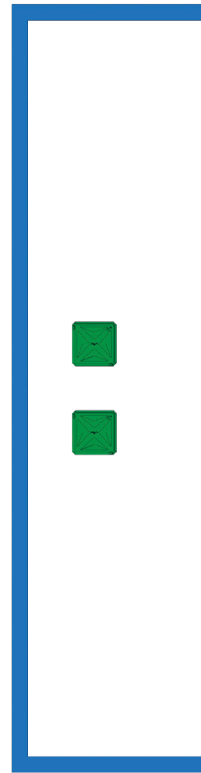
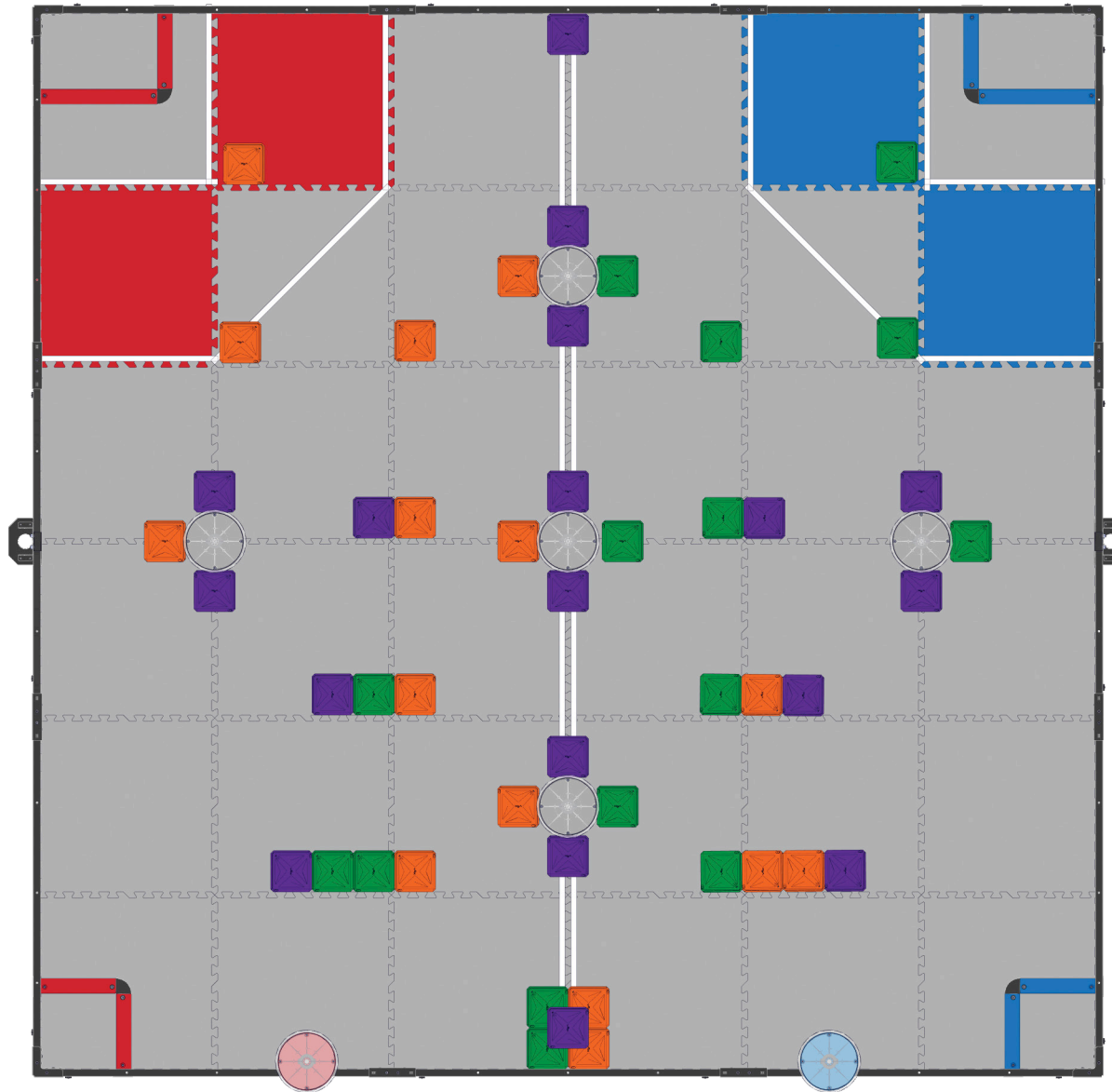
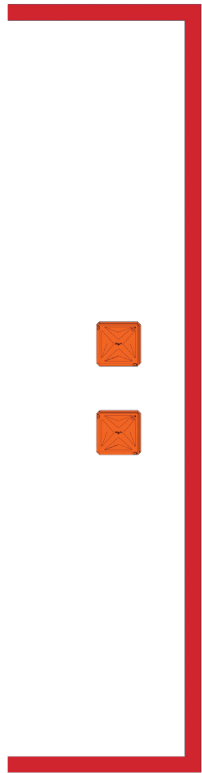
22x

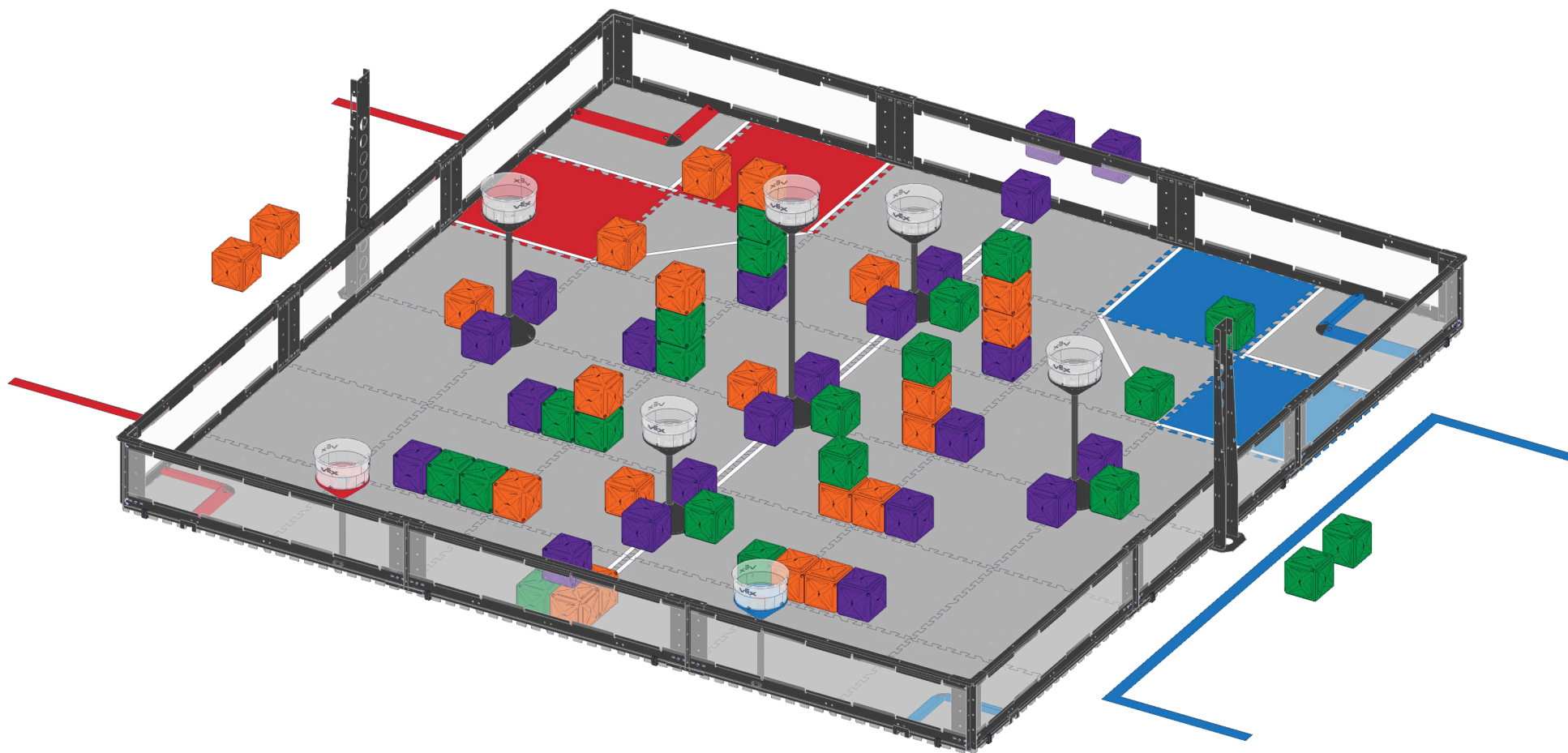


22x



22x





Field Build Instructions

276-6093-750 Rev1



Custom manufactured in China for Innovation First Trading SARL. Distributed in the U.S.A. by VEX Robotics, Inc., 6725 W. FM 1570, Greenville, TX 75402, U.S.A. Distributed in Europe by Innovation First Trading SARL, 21b rue Gabriel Lippmann, L-5365 Munsbach, Luxembourg +352 27 86 04 87. Distributed in Canada by / Distribué au Canada par / Innovation First Trading, Inc., 6725 W. FM 1570, Greenville, TX 75402, U.S.A. ©2018 VEX Robotics, Inc. All rights reserved. Tous droits réservés.