

1

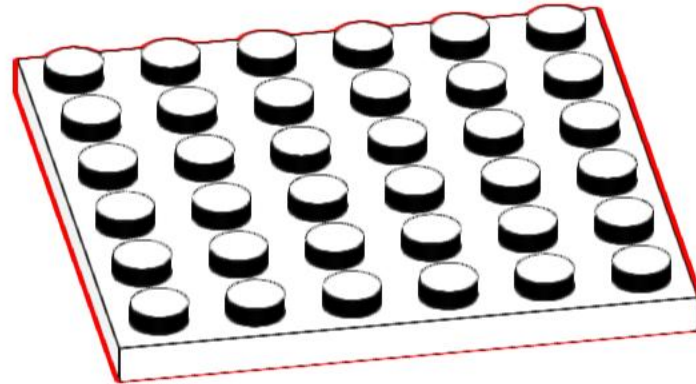
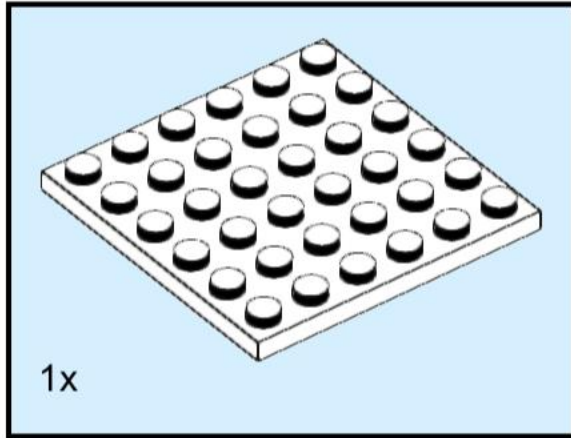
Parker Solar Probe Toy Brick Model

Designed for the Applied Physics Lab (APL) at Johns Hopkins University (JHU)

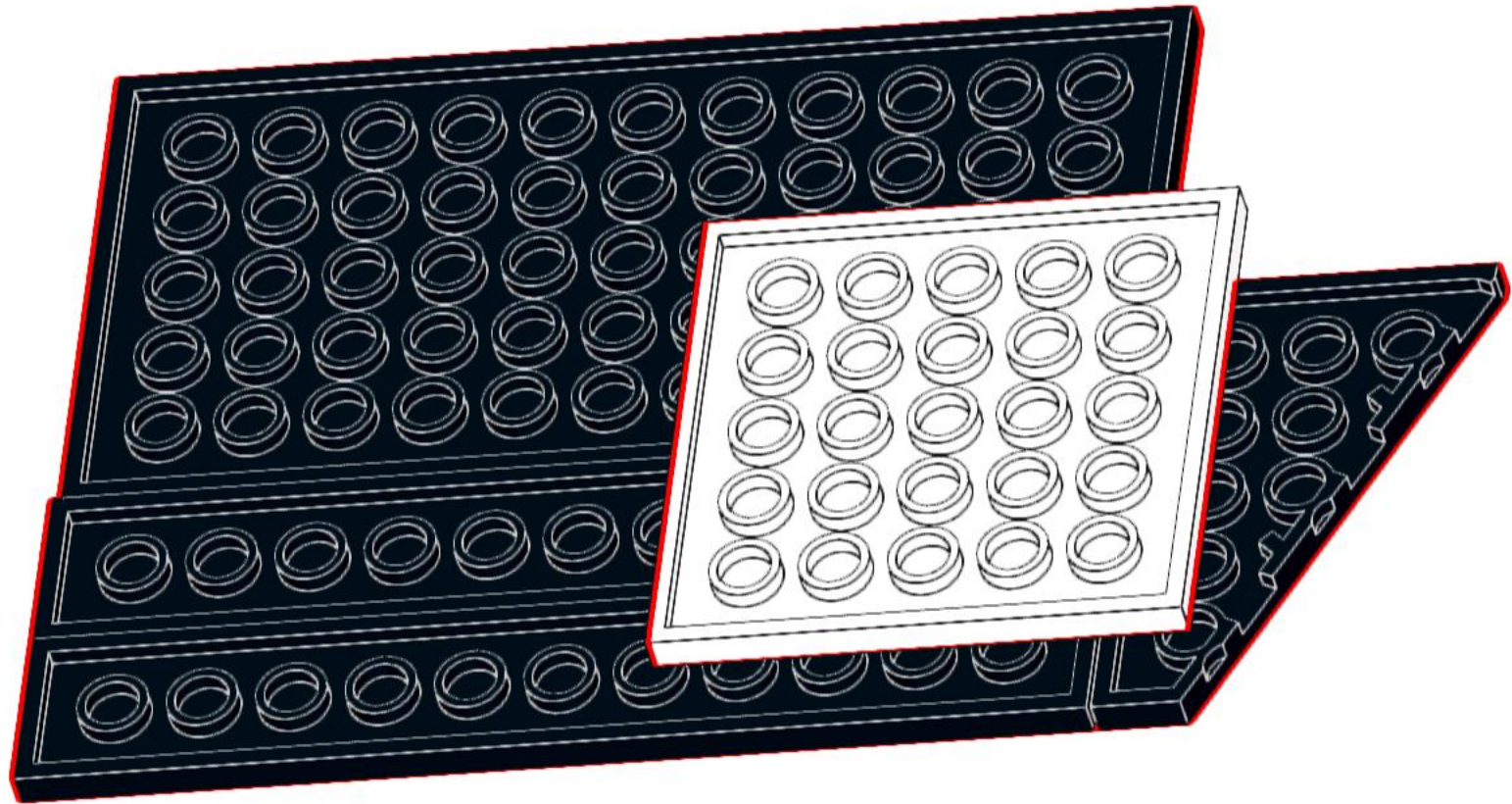
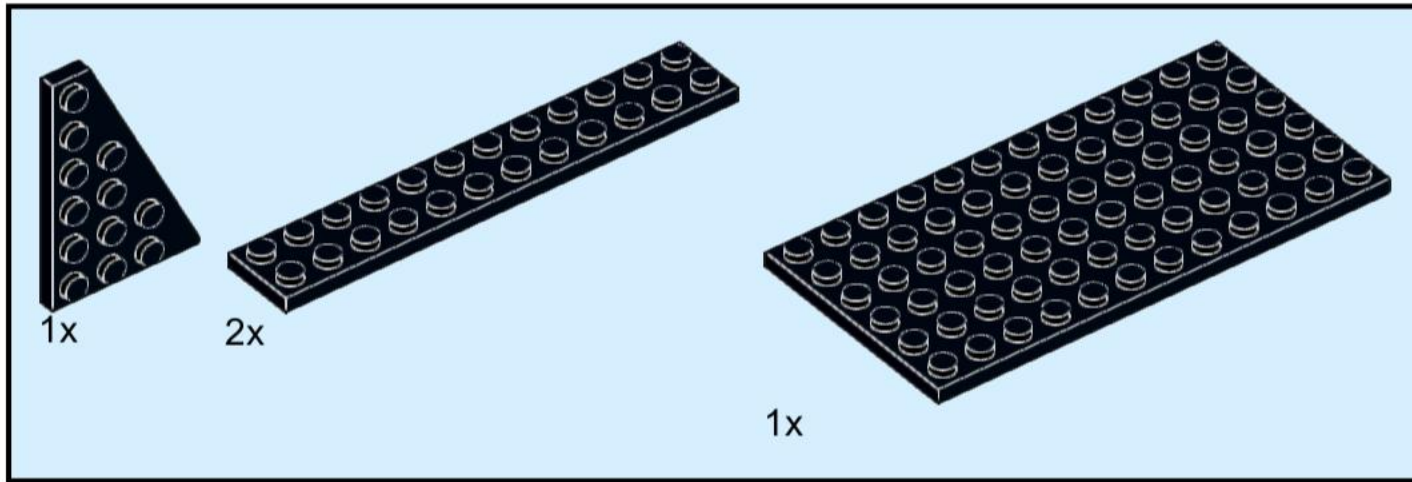
December 2023

Designed by FIRST Robotics Team 2614 (Team MARS - Mountaineer Area Robotics)

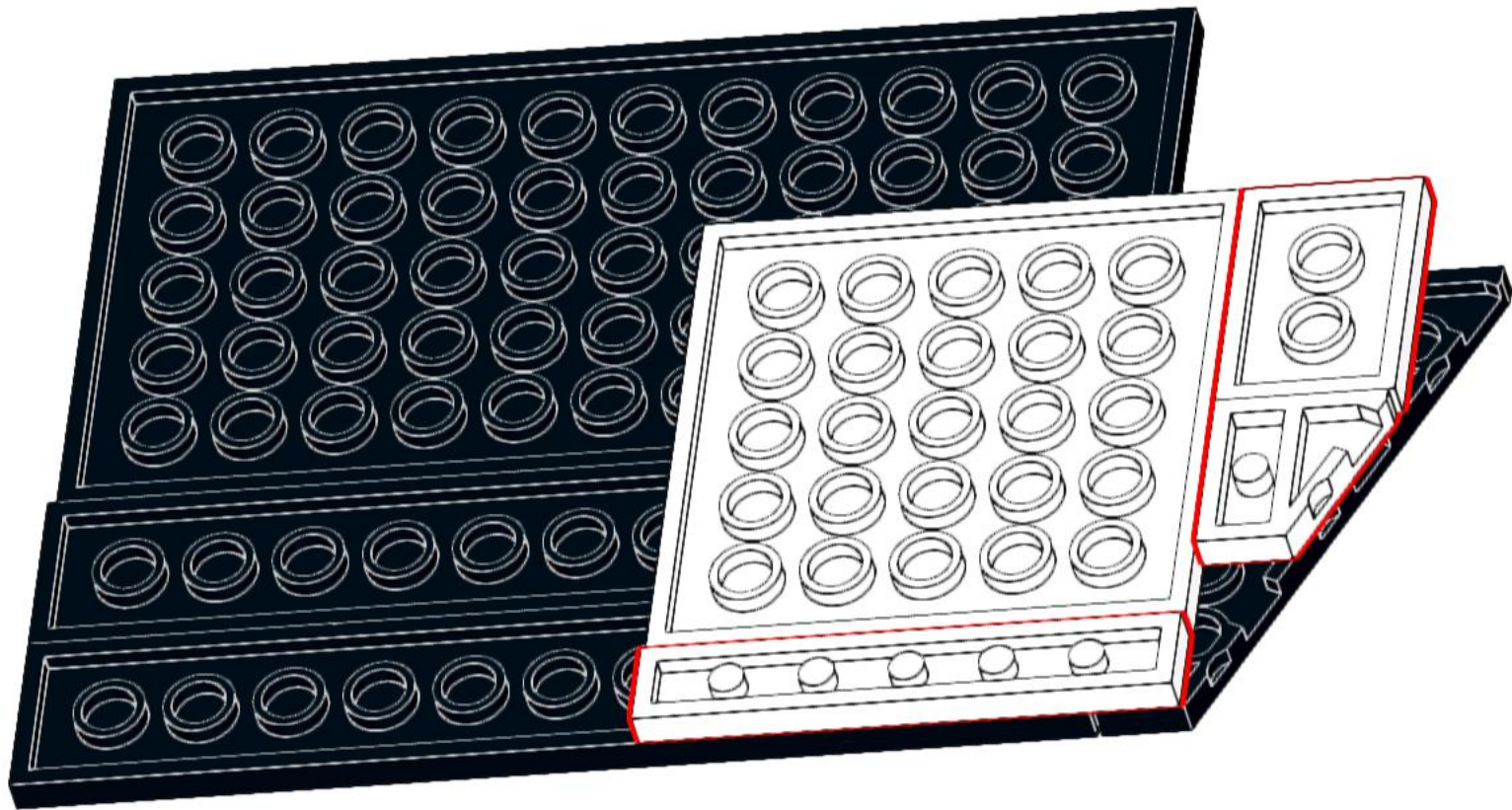
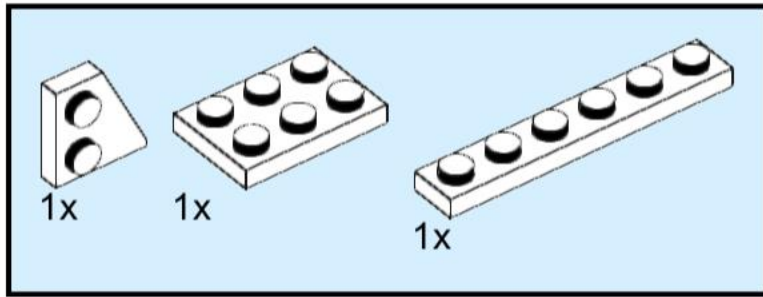
2



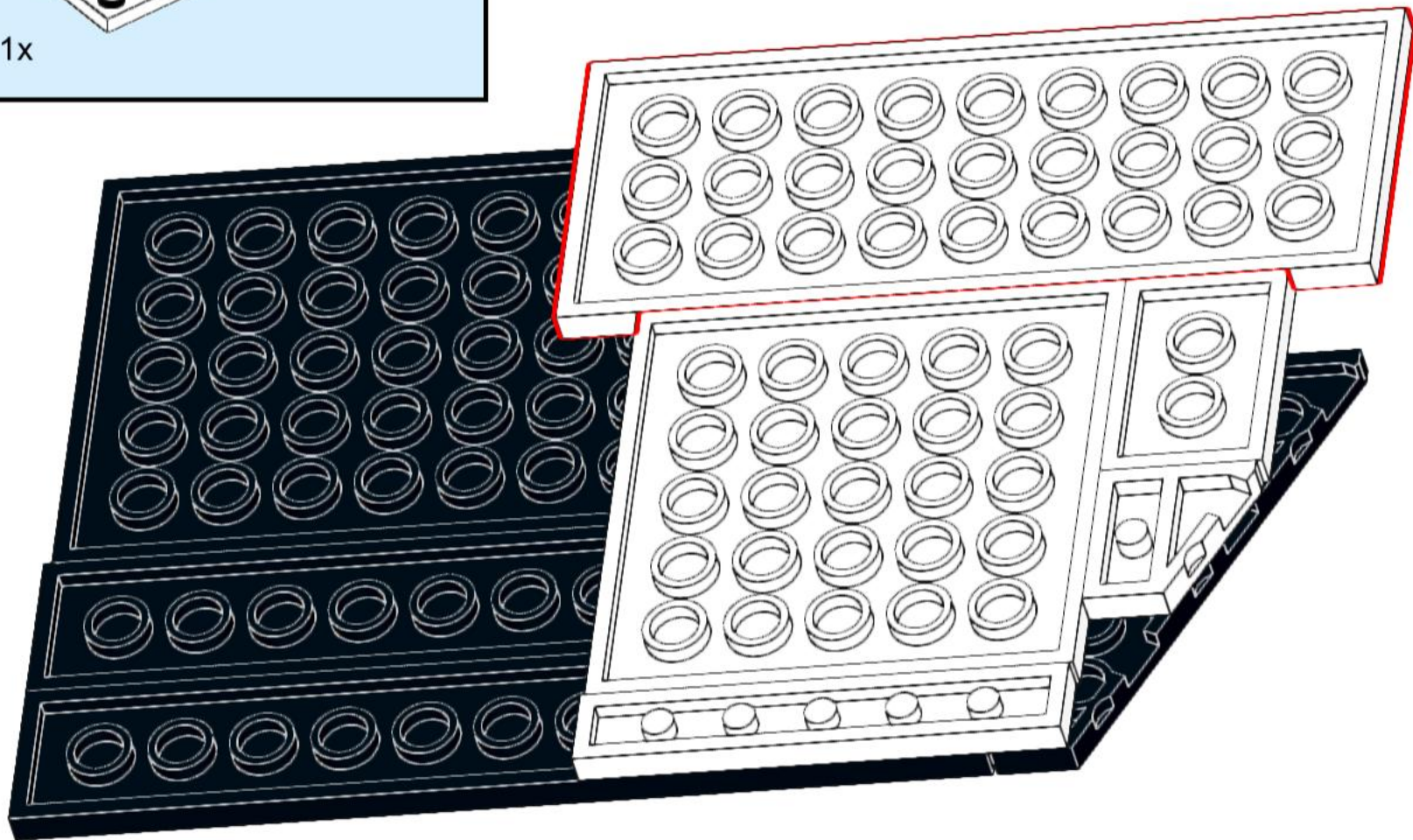
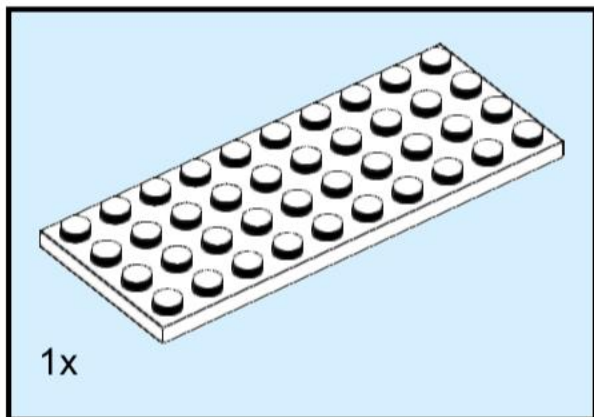
3



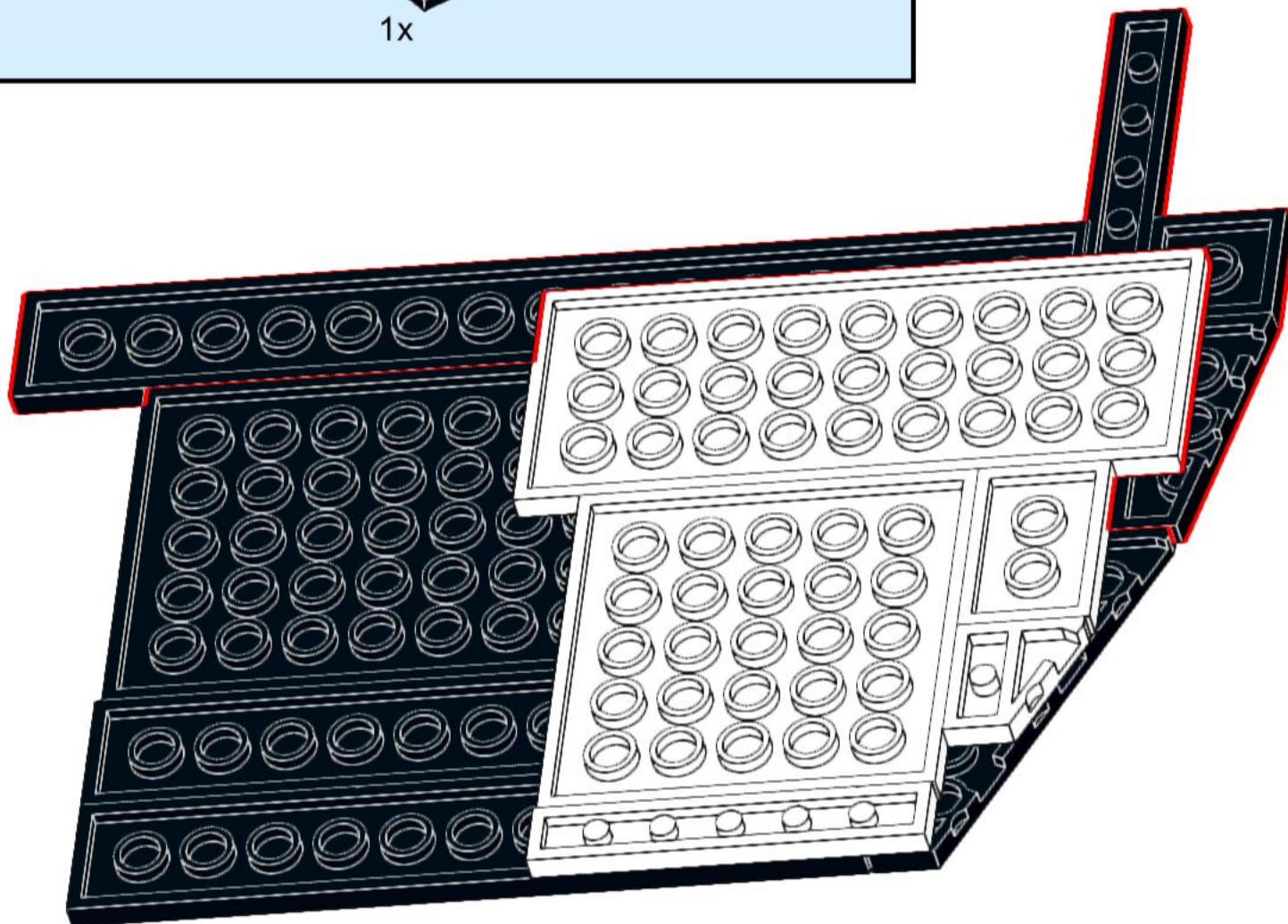
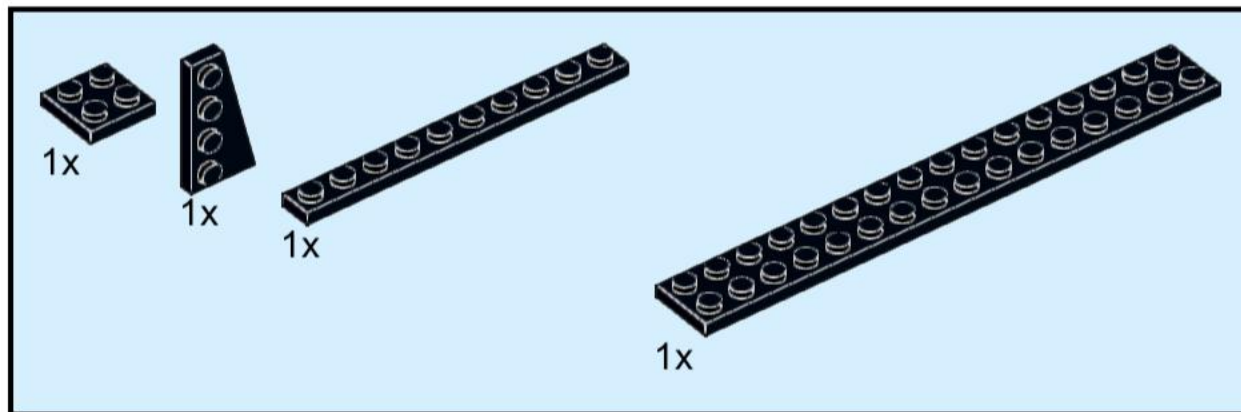
4



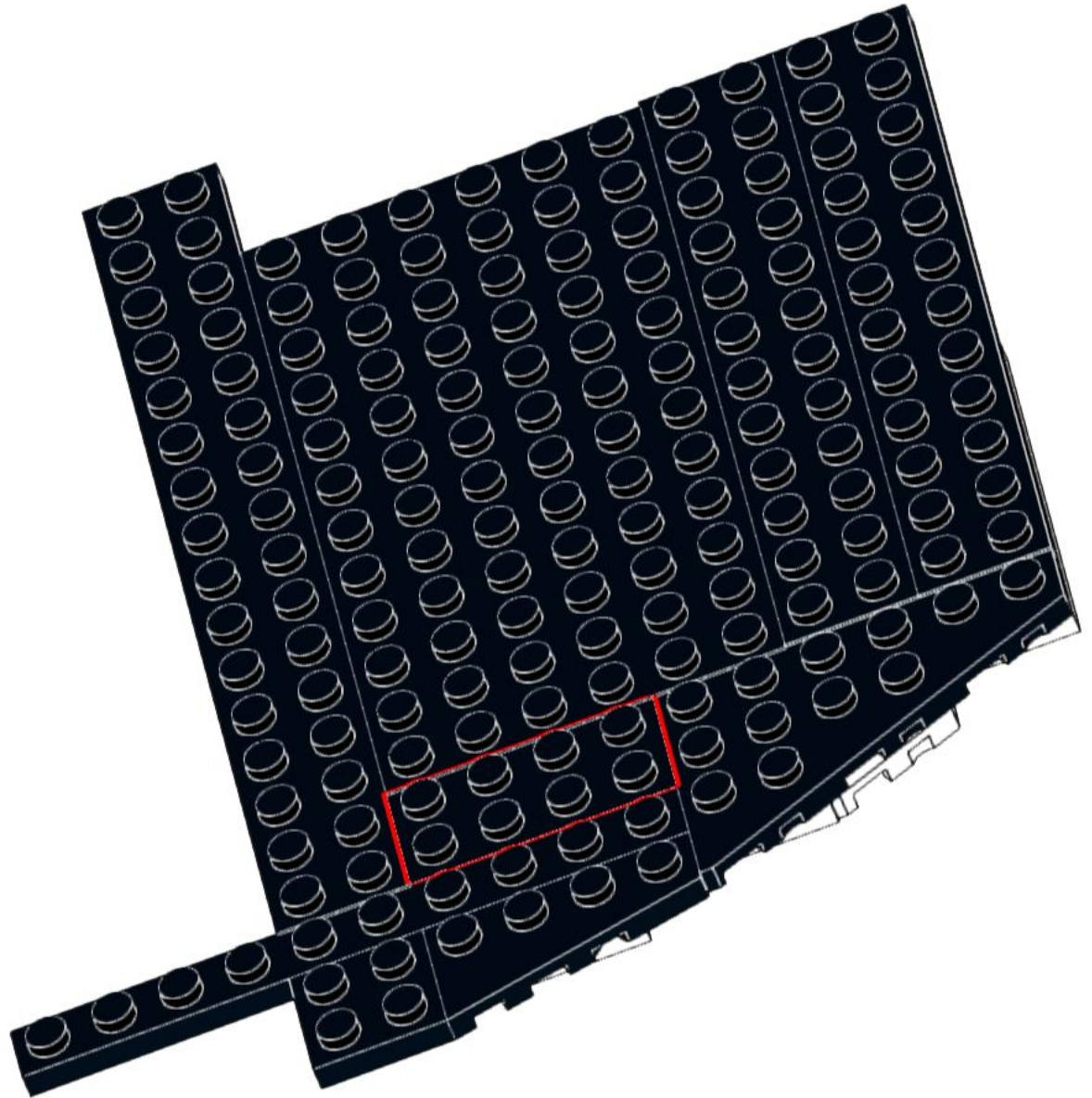
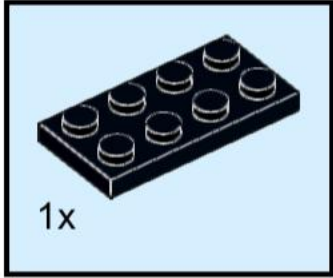
5



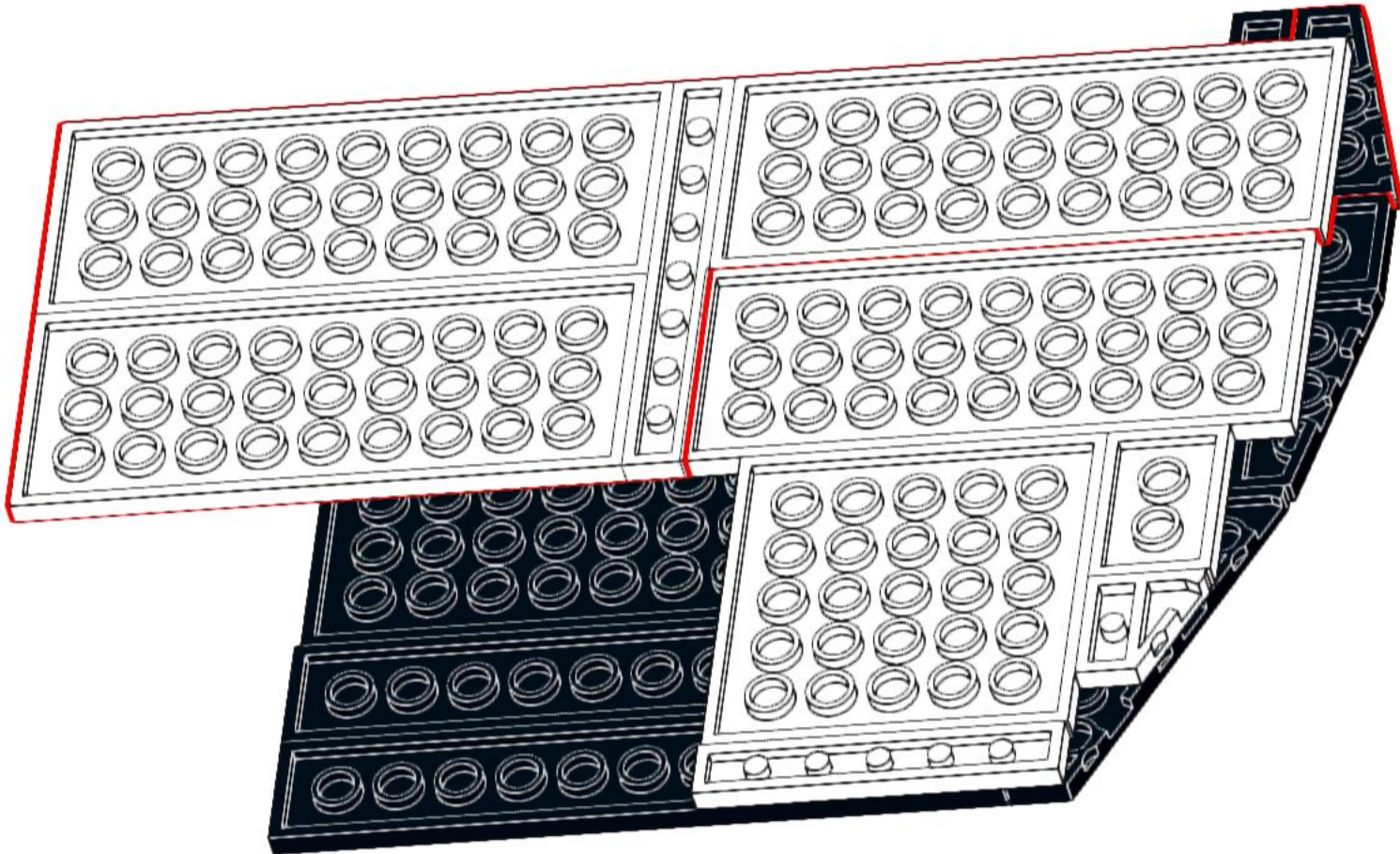
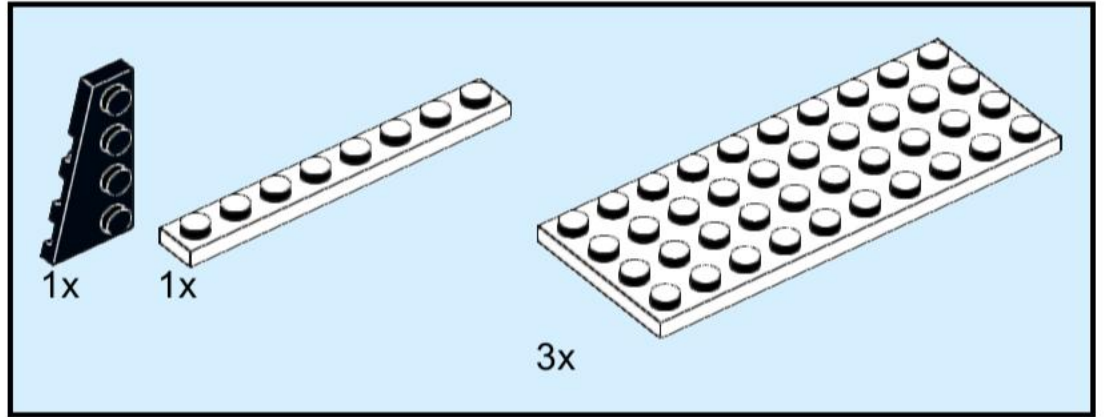
6



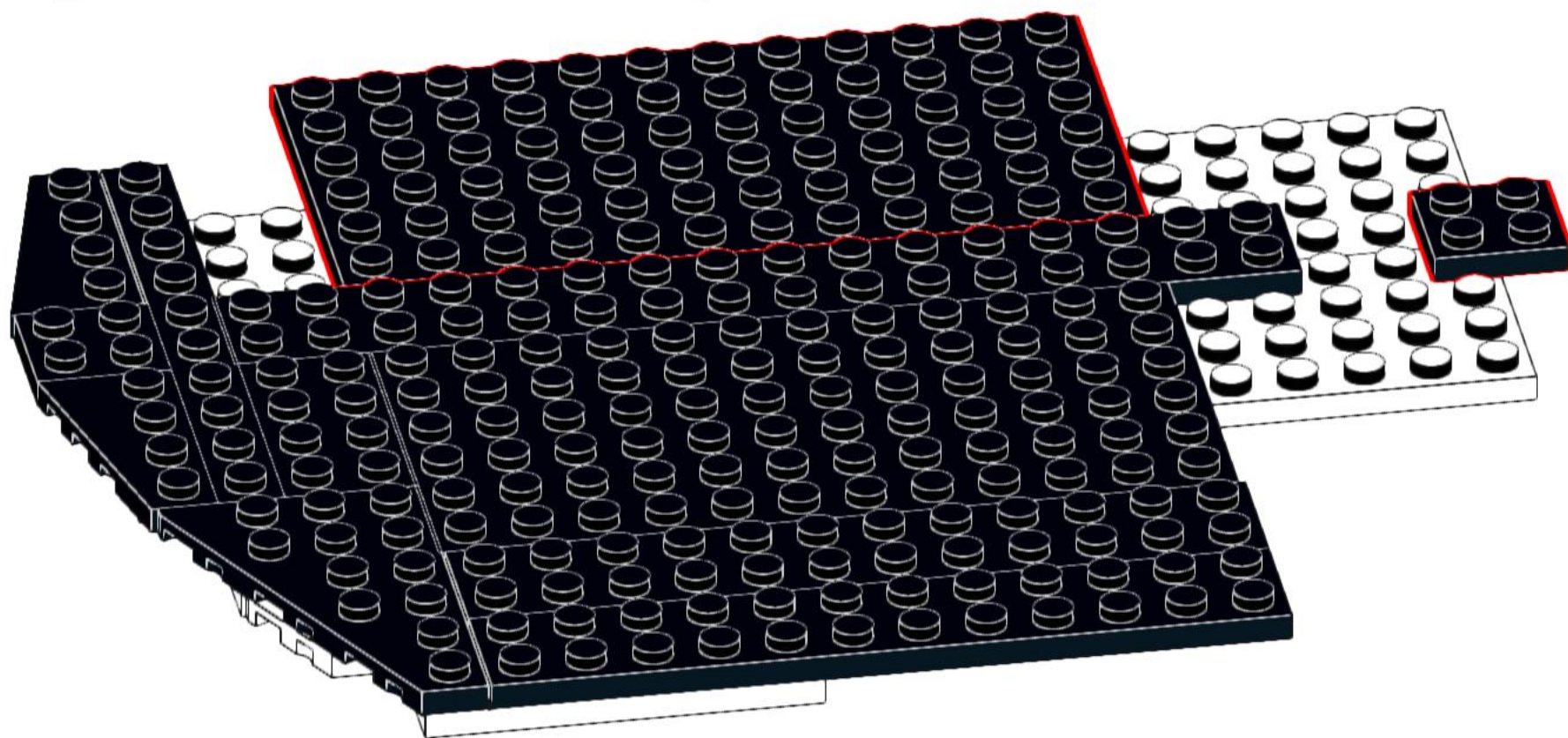
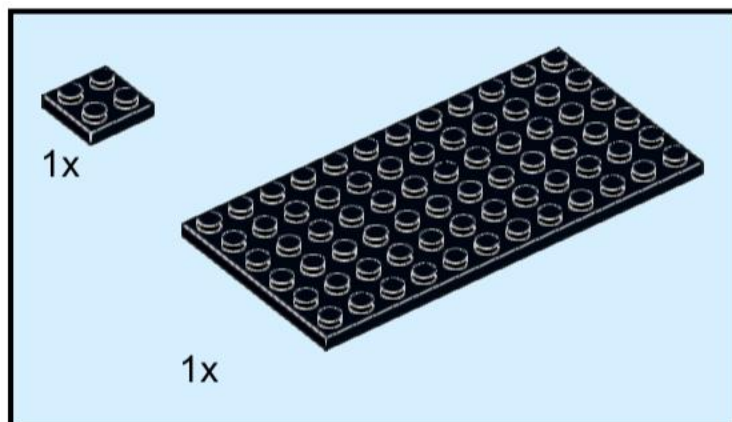
7



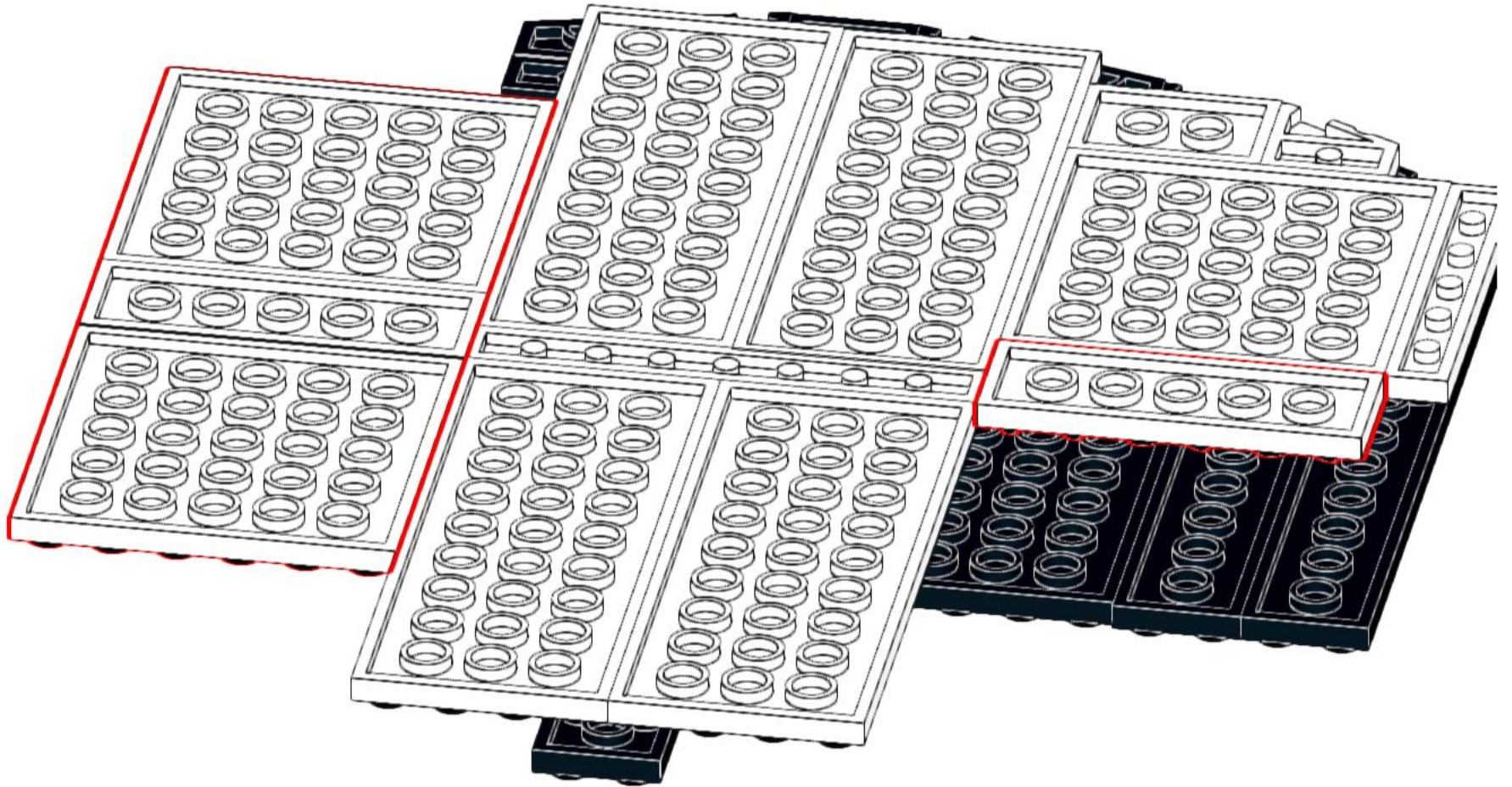
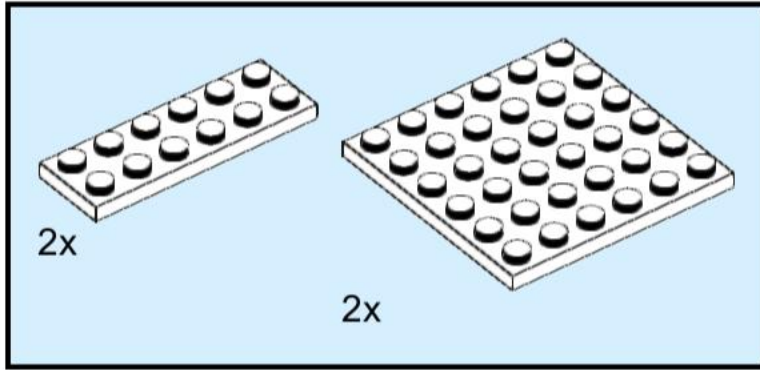
8



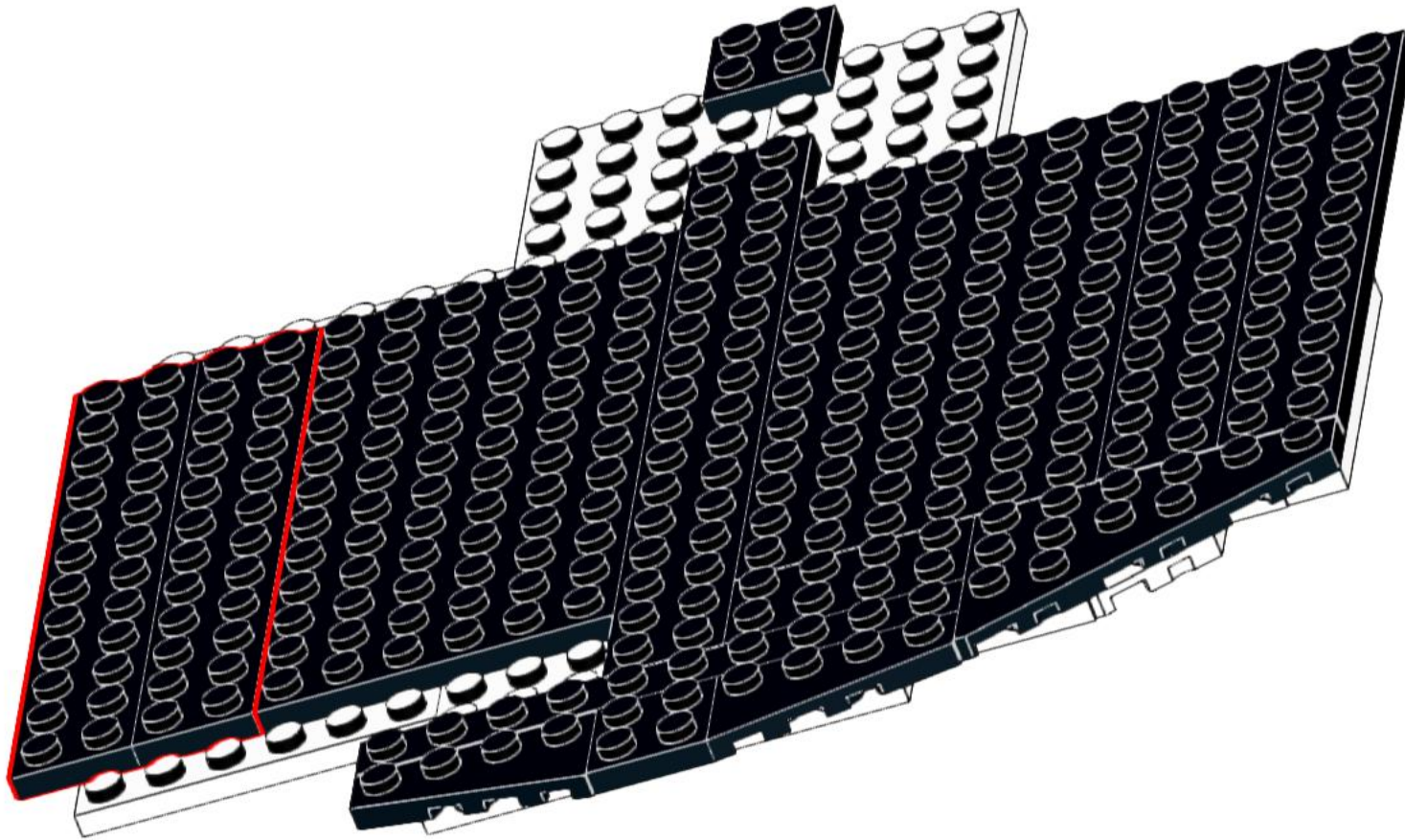
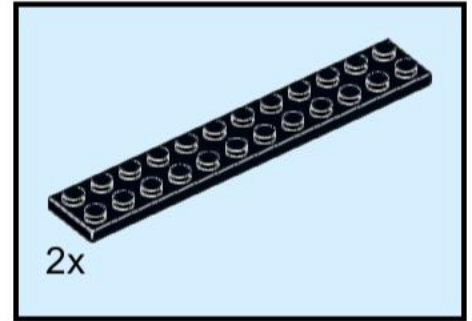
9



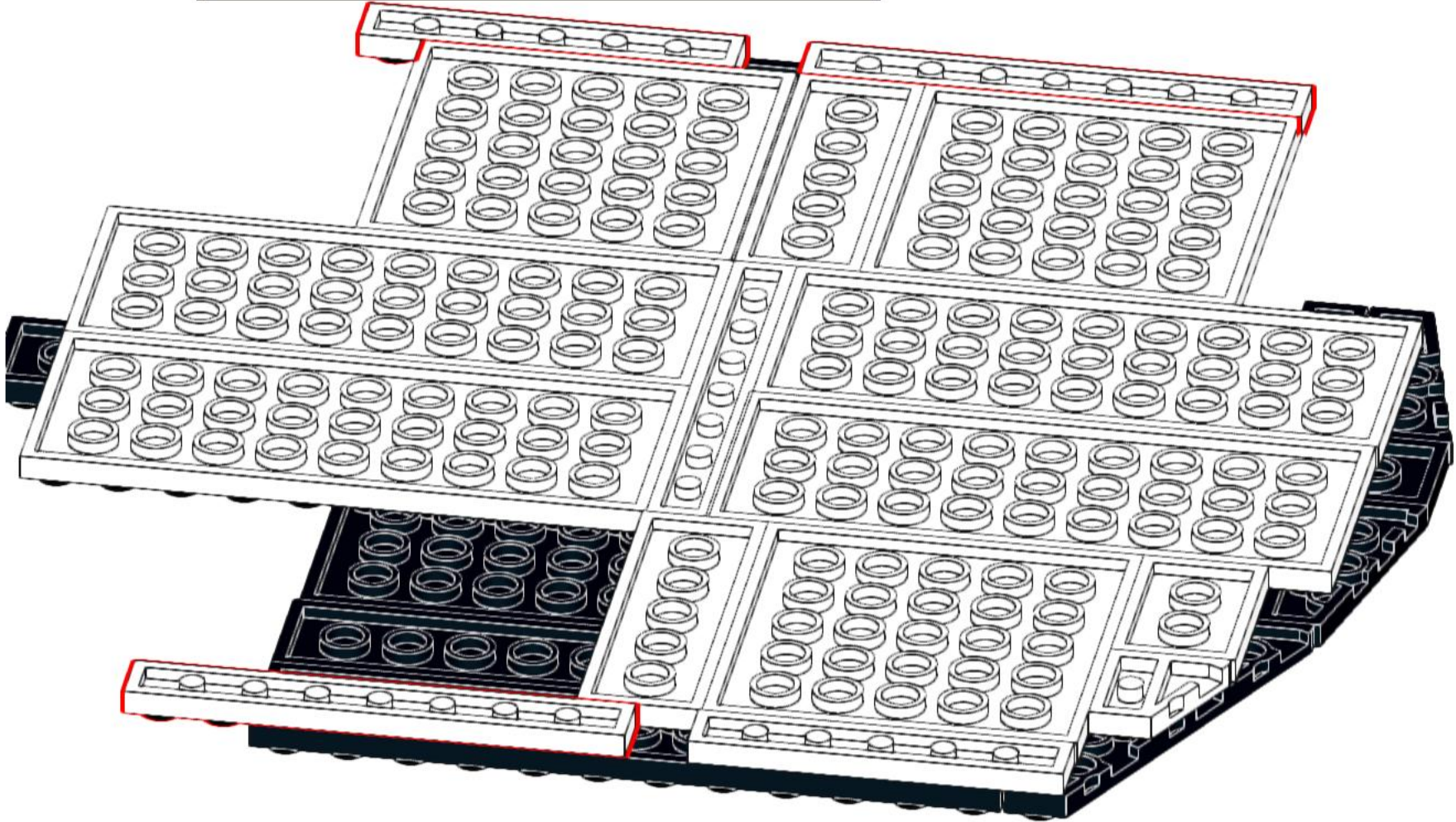
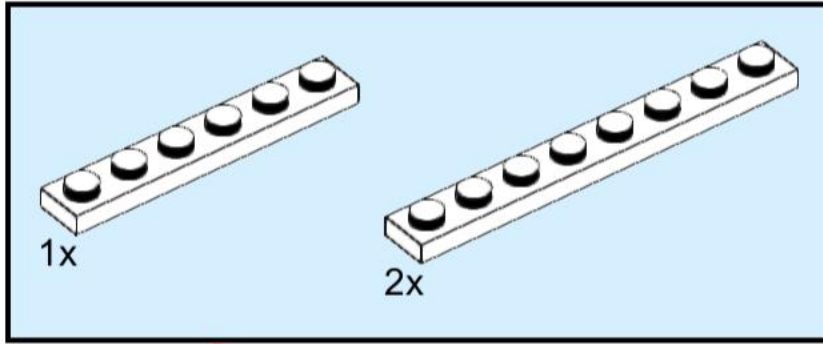
10



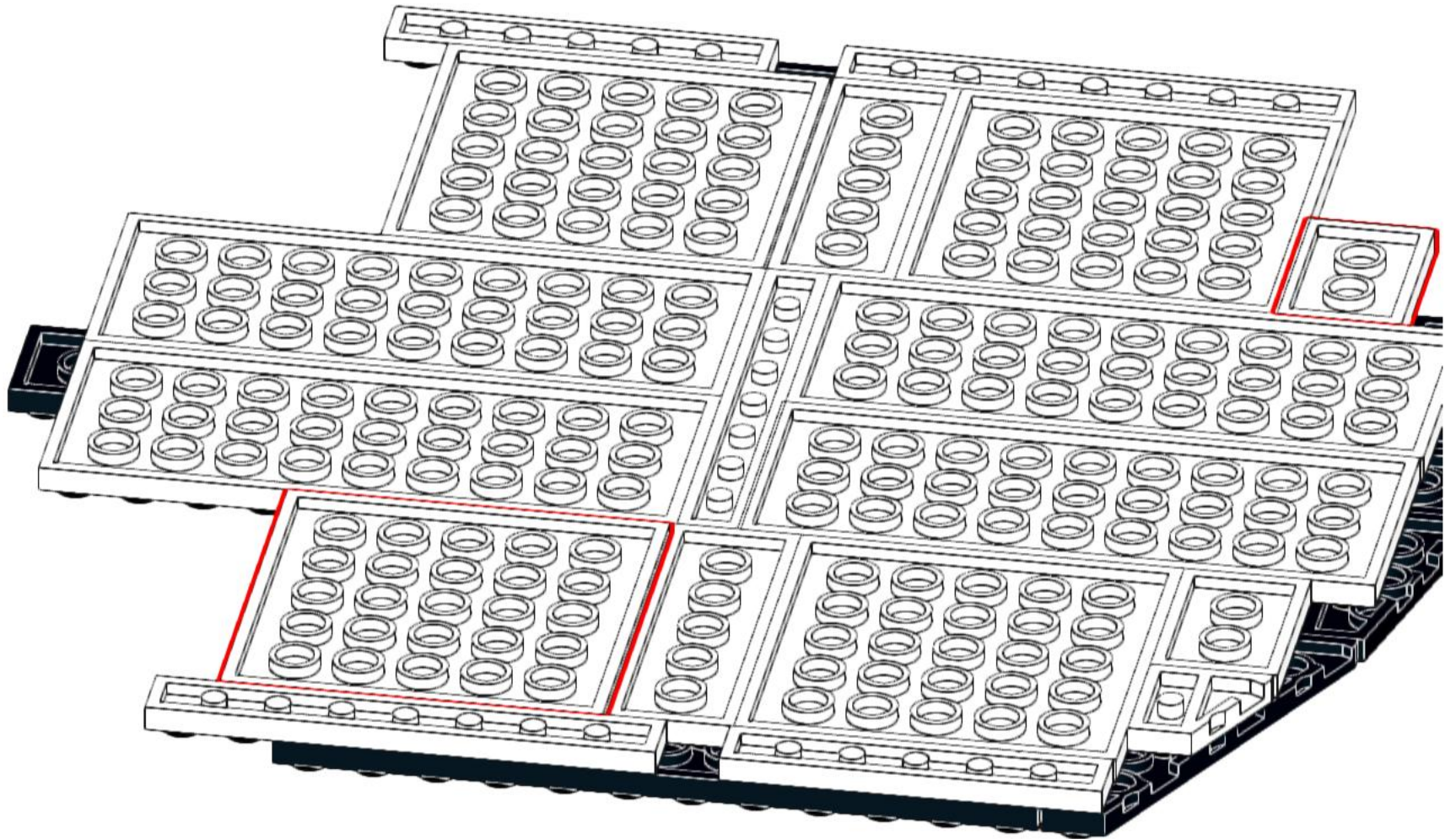
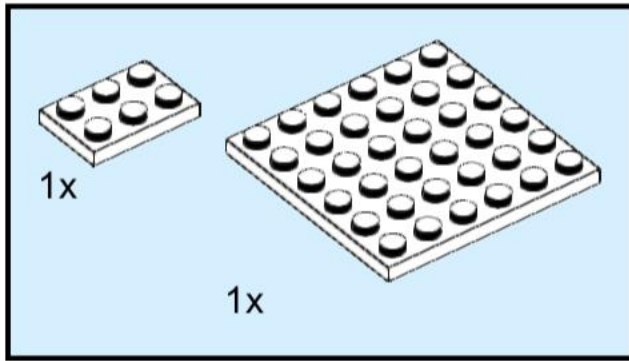
11



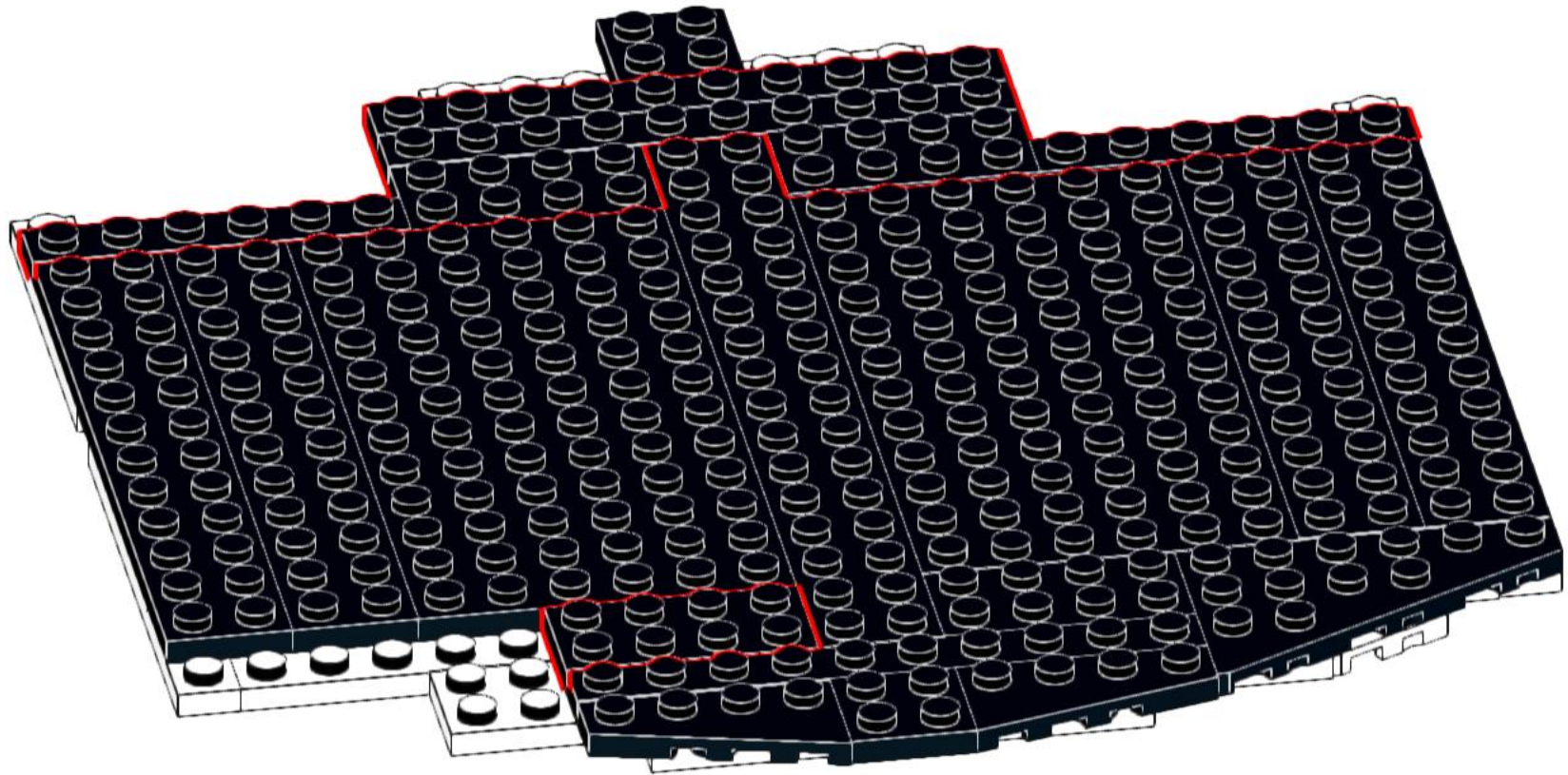
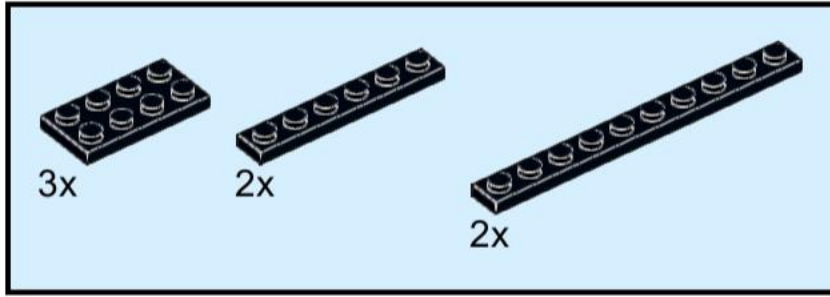
12



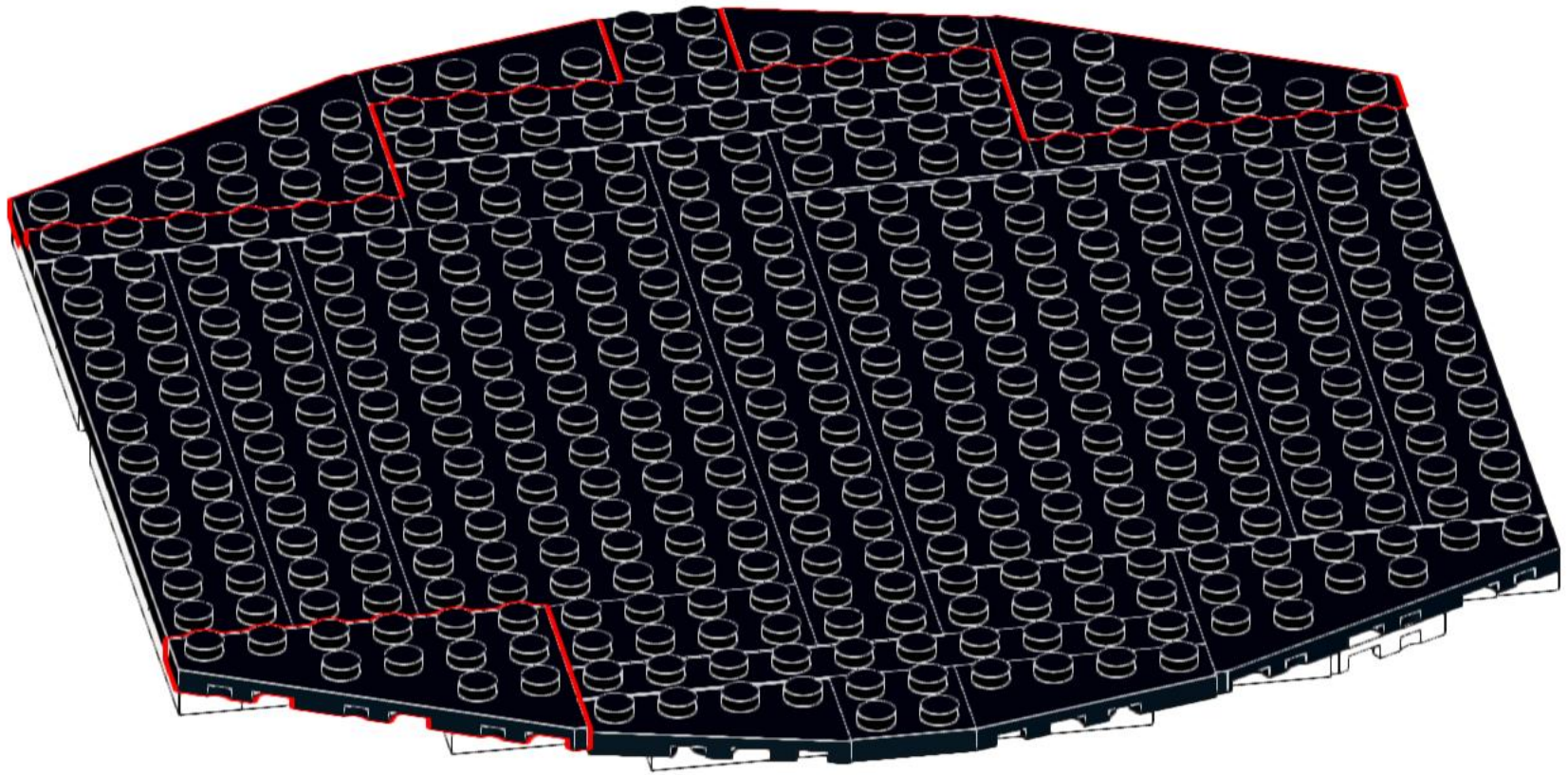
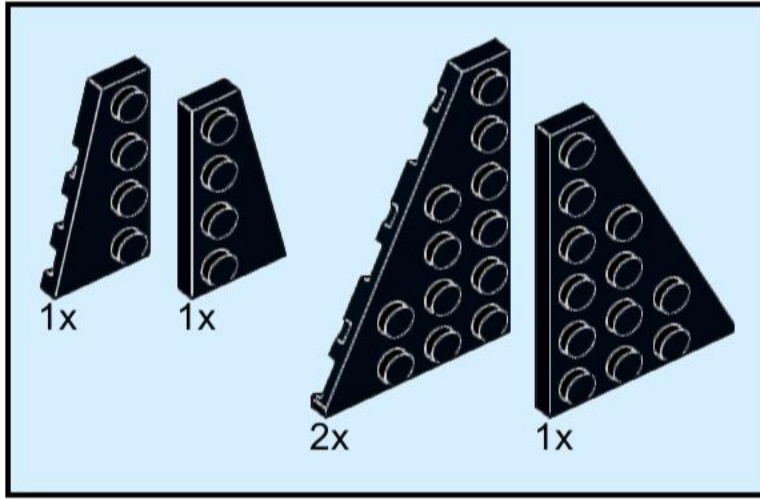
13



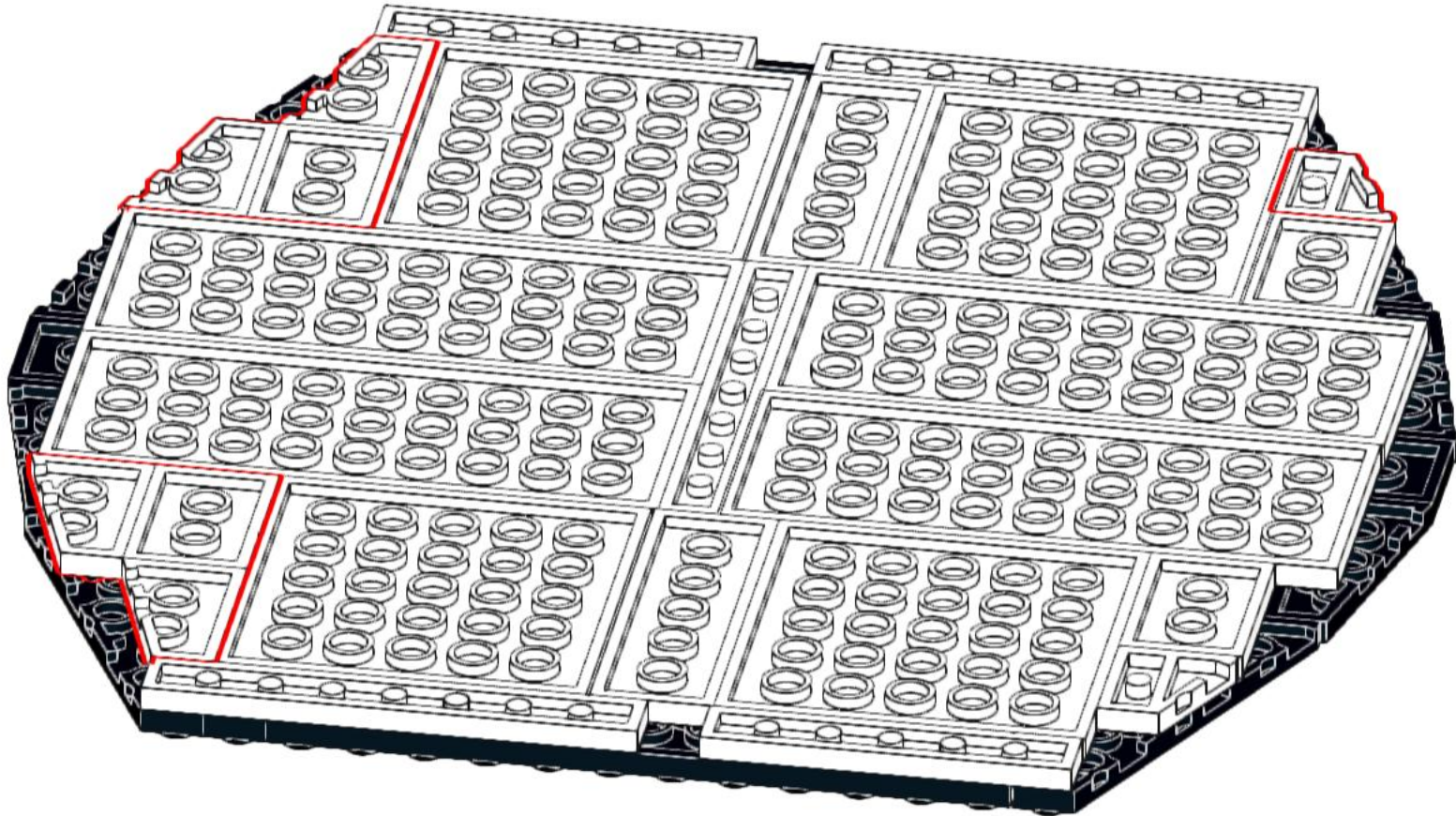
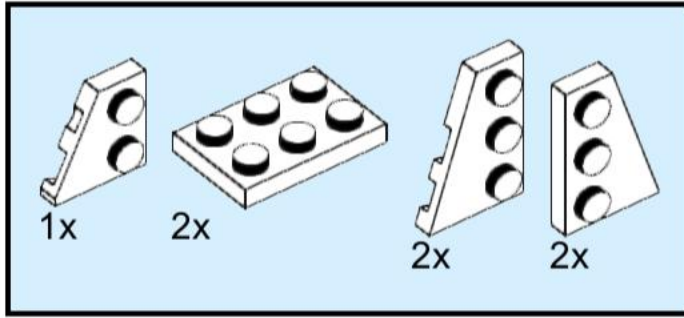
14



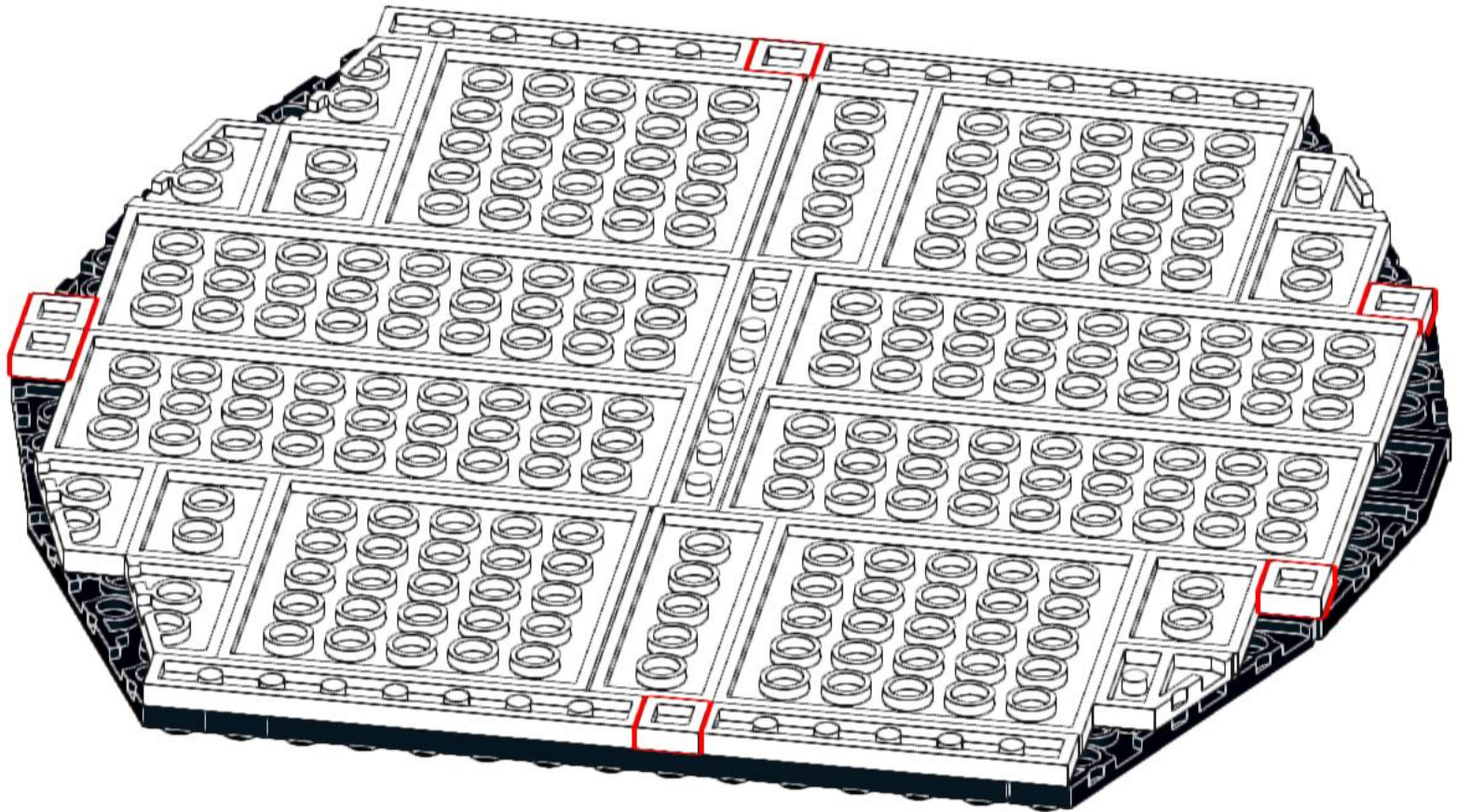
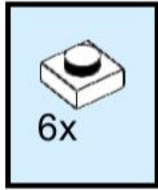
15



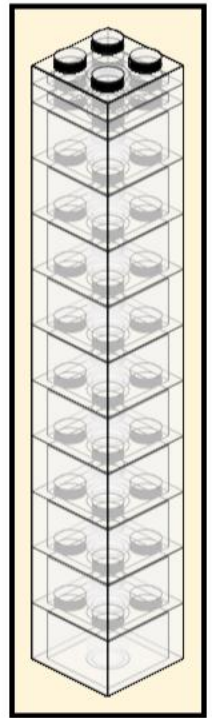
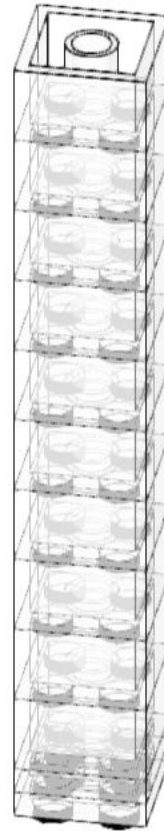
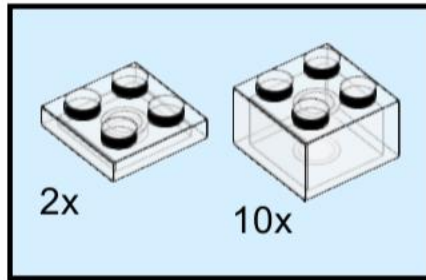
16



17

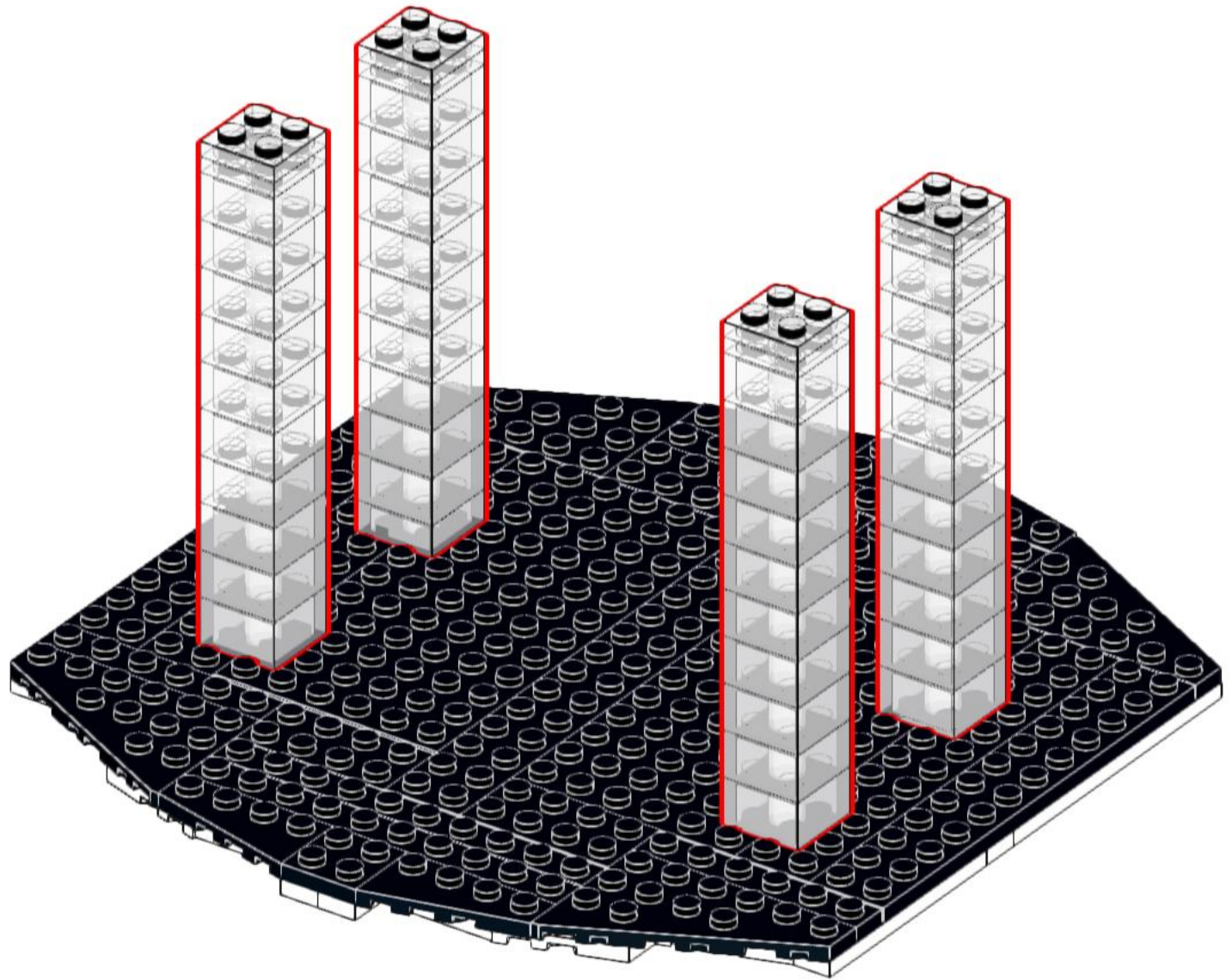


18

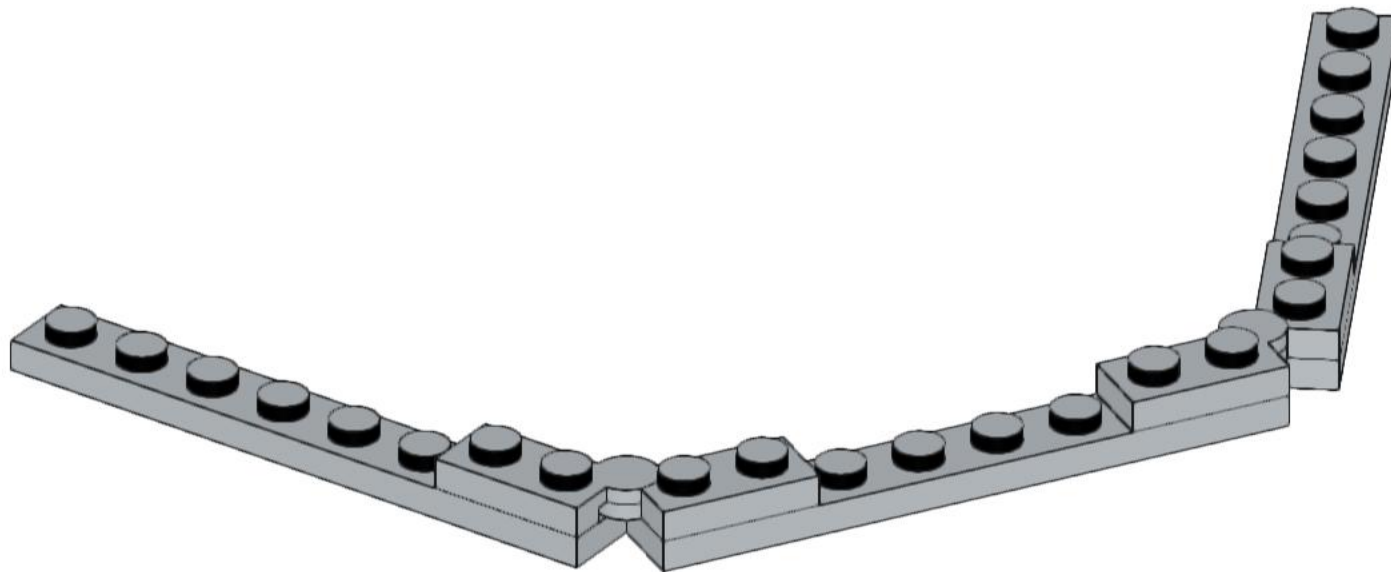
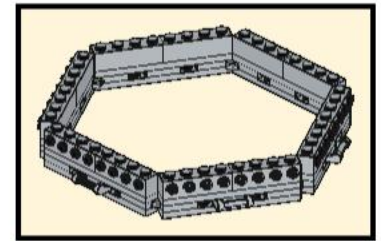
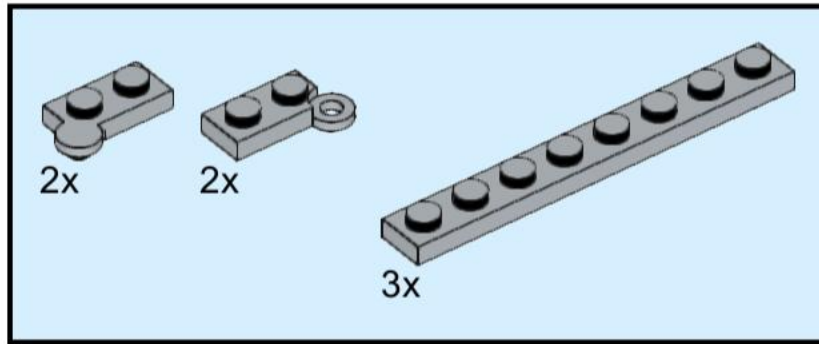


4x

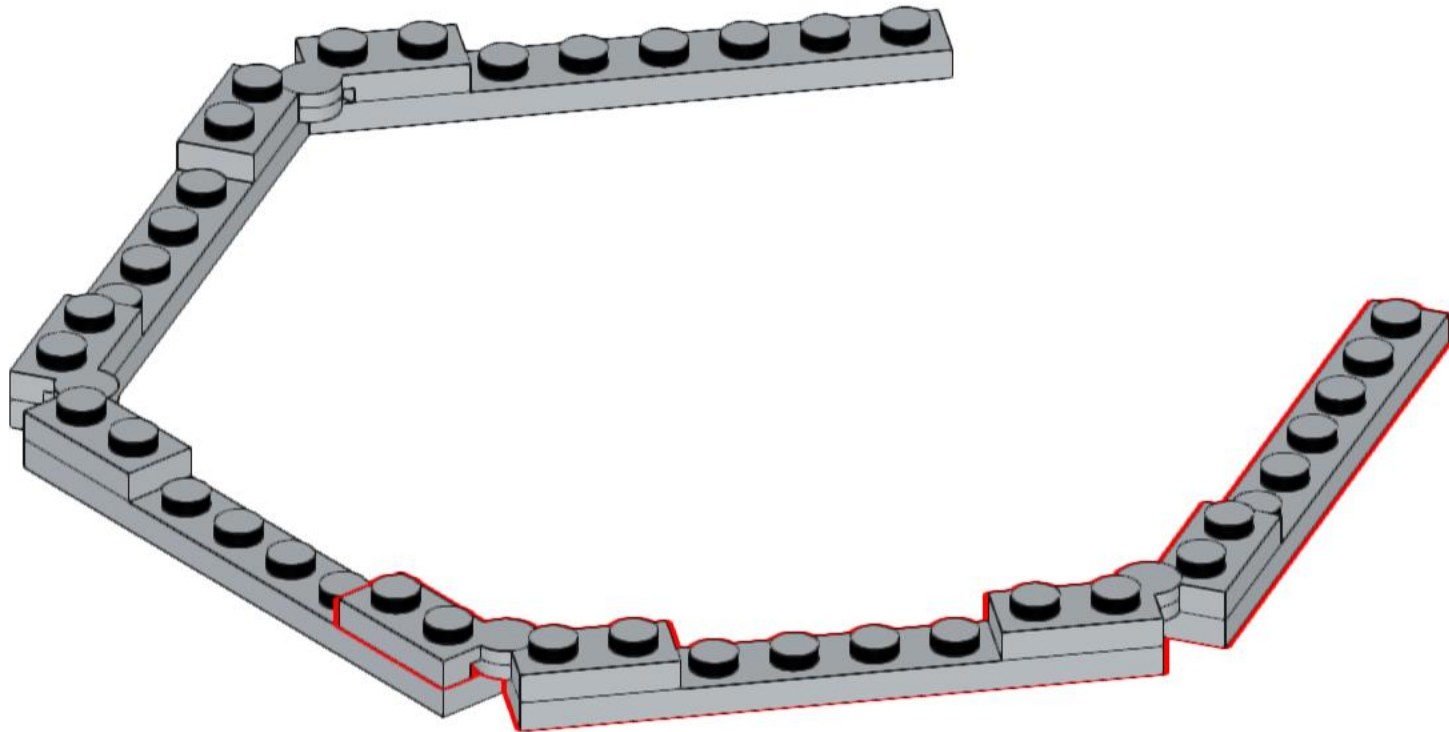
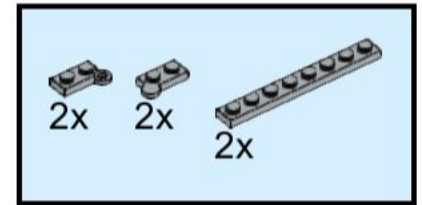
19



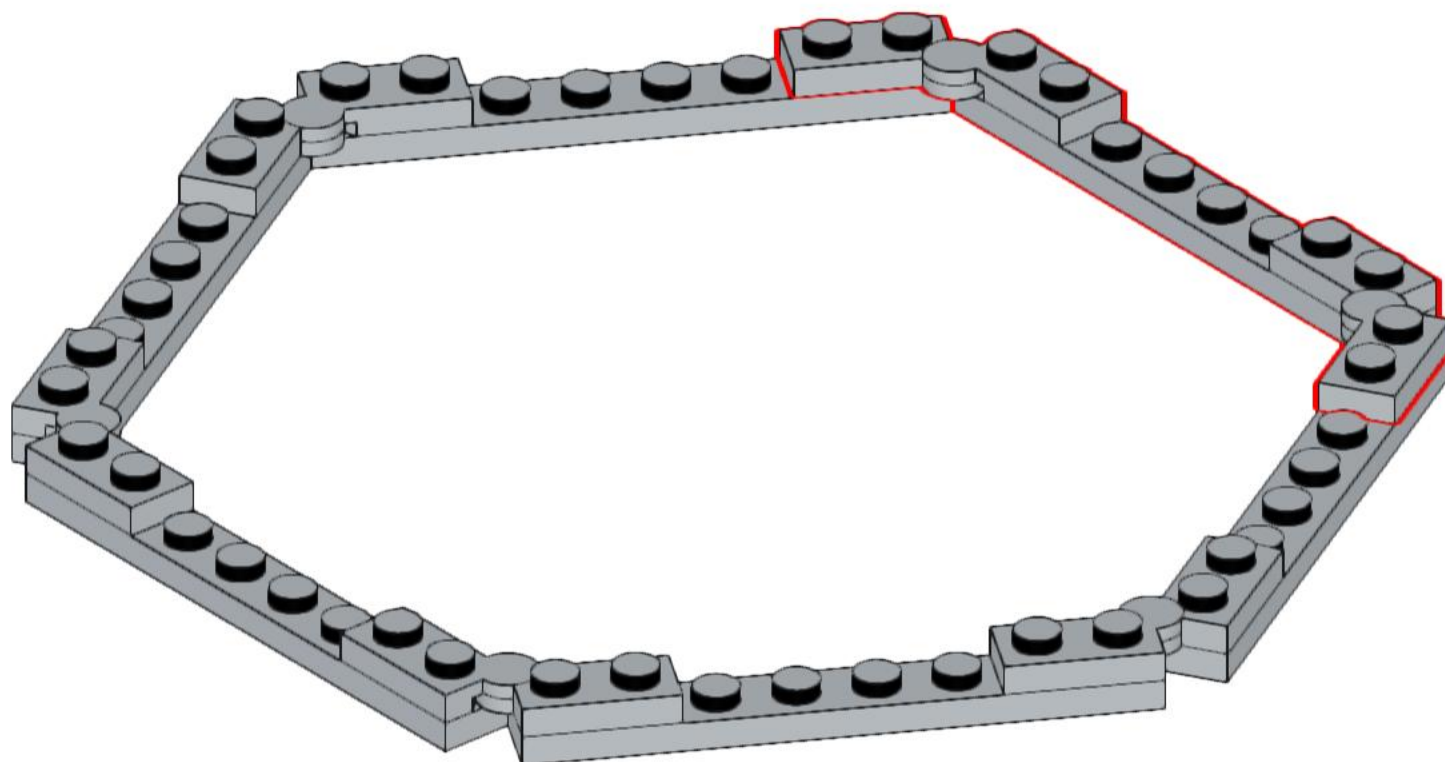
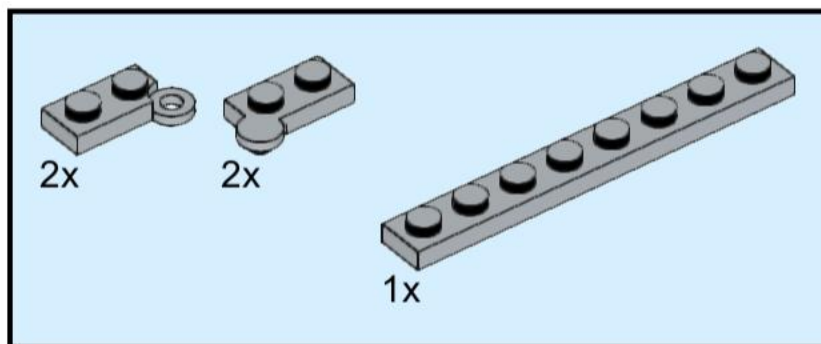
20



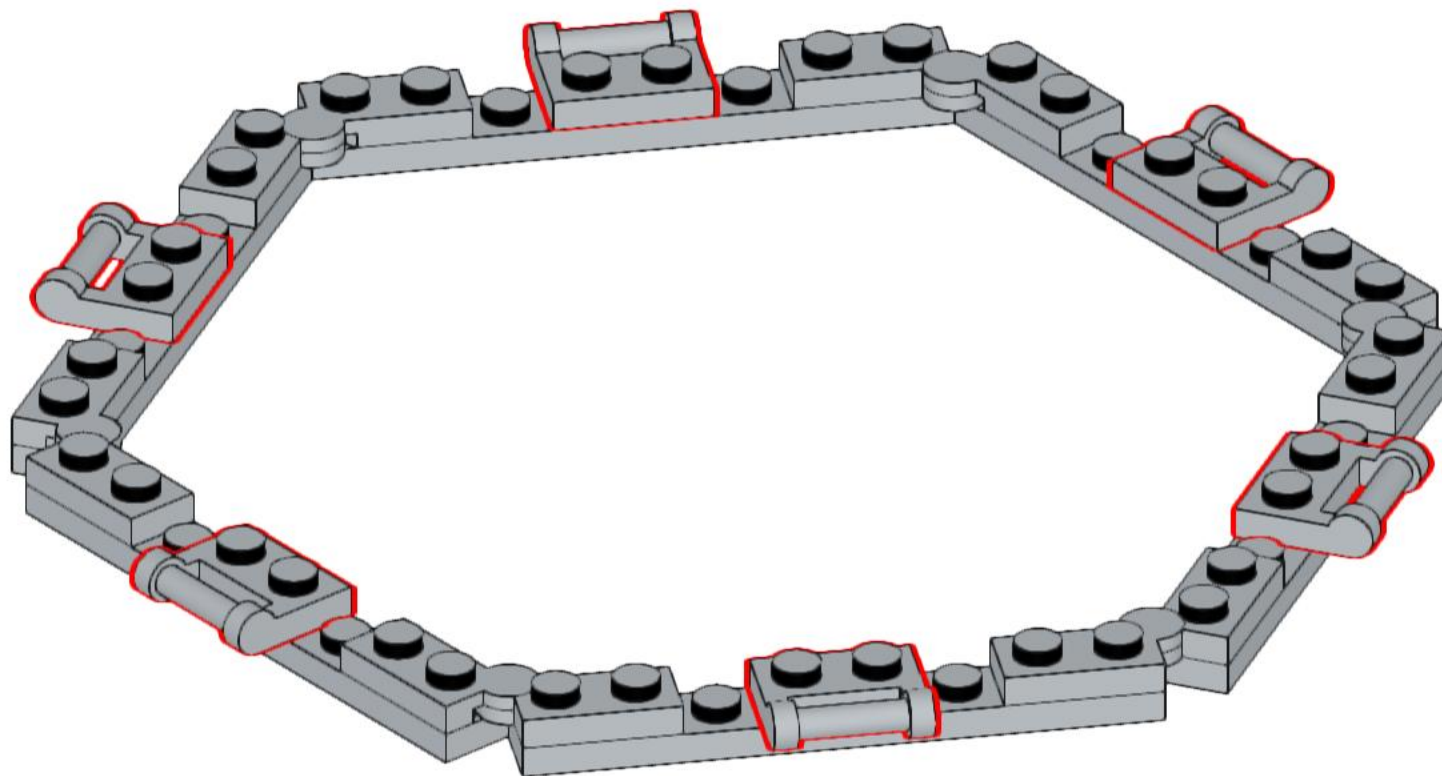
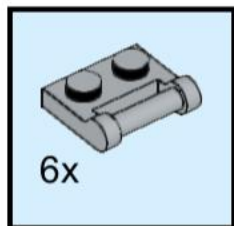
21



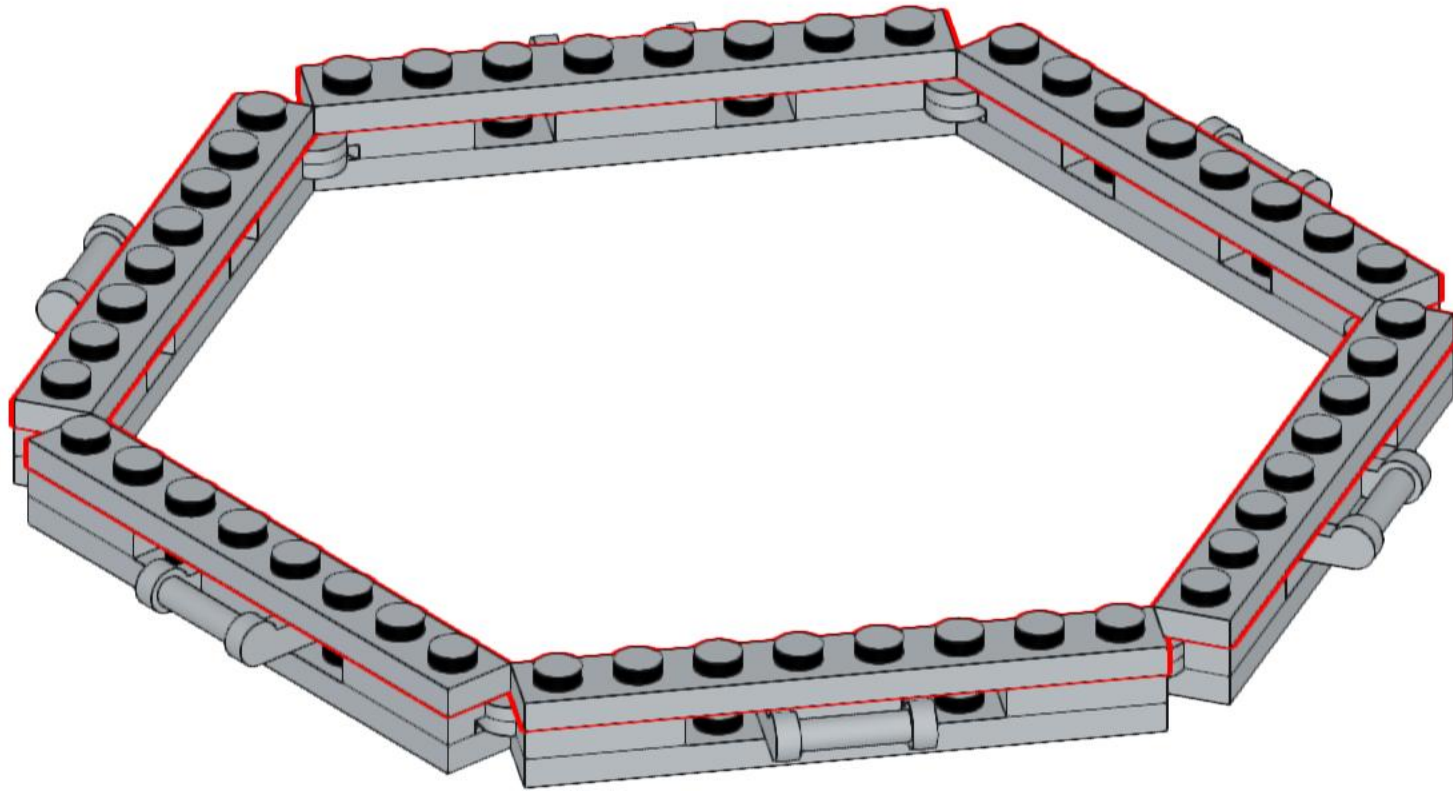
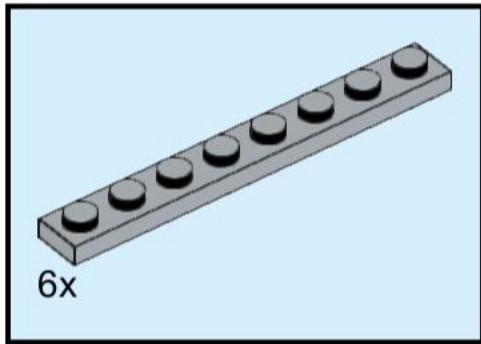
22



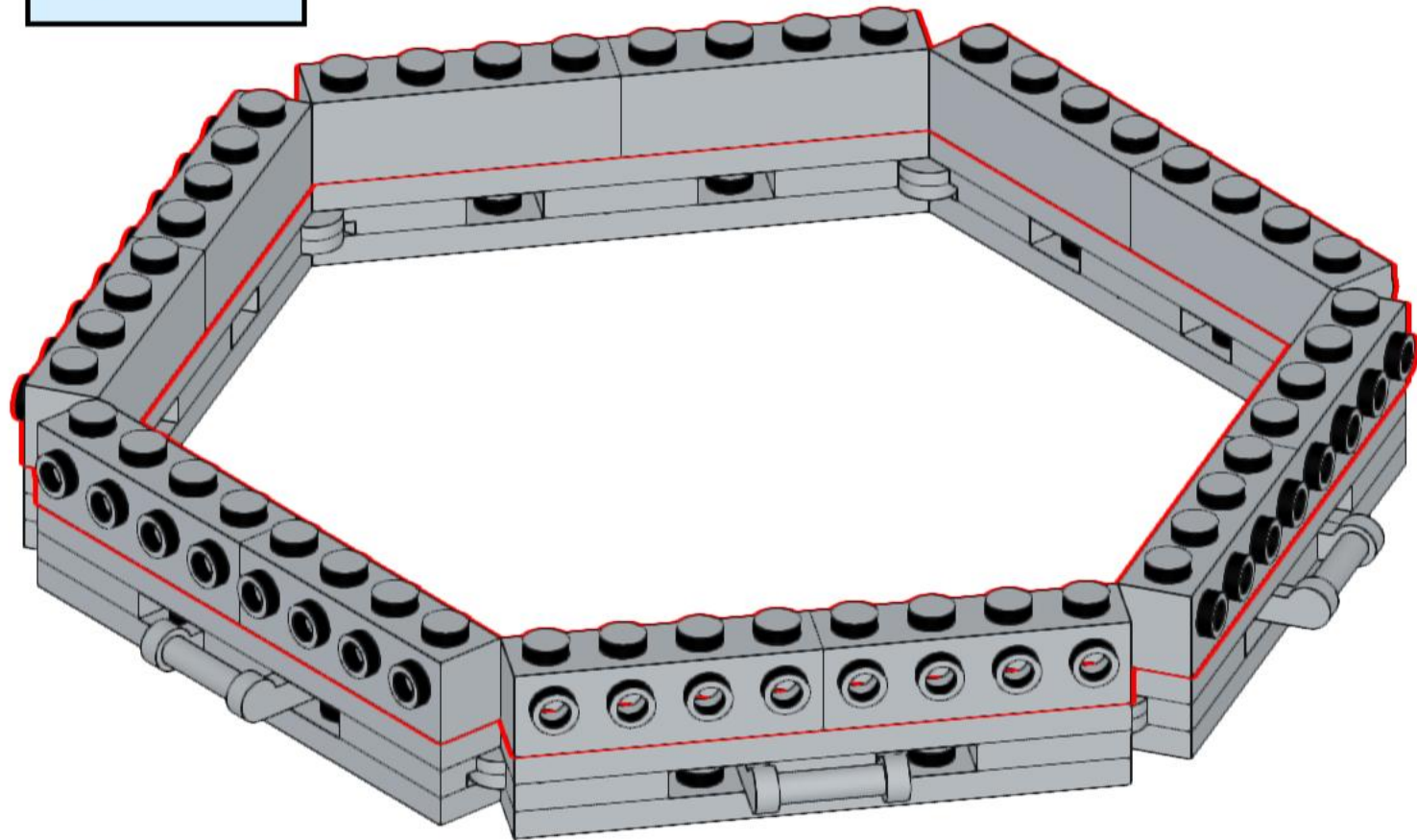
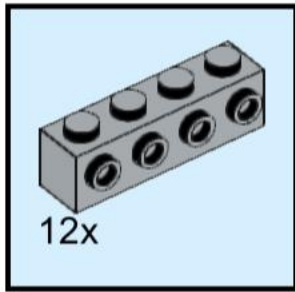
23



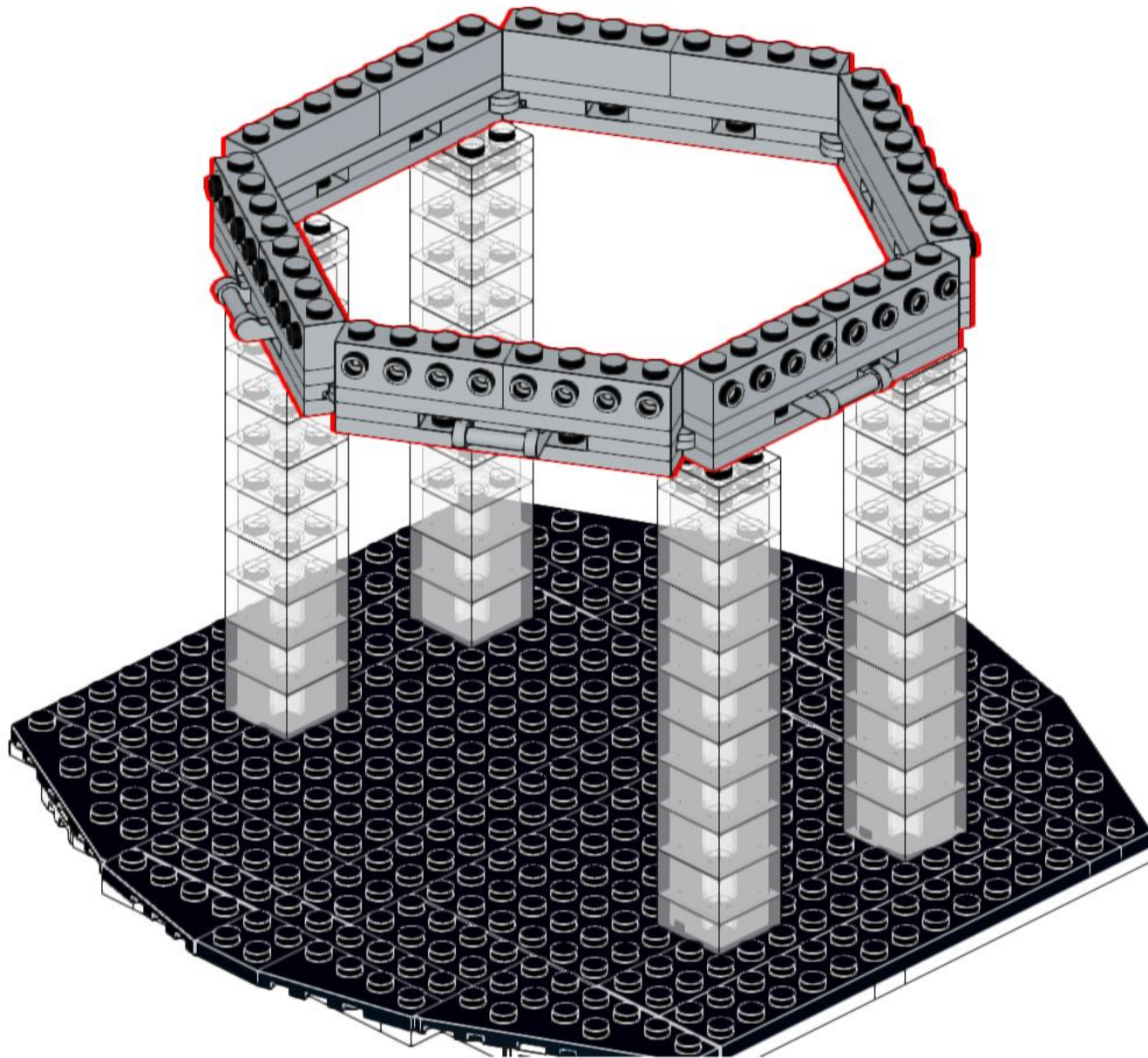
24



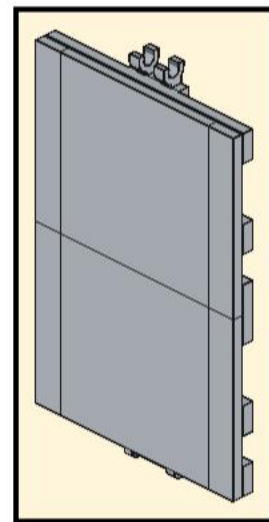
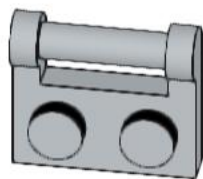
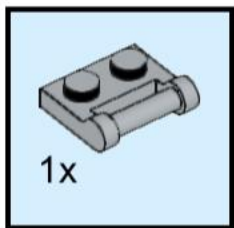
25



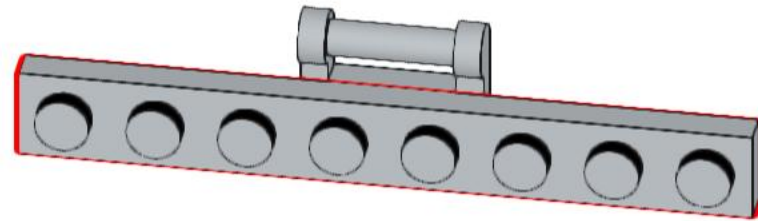
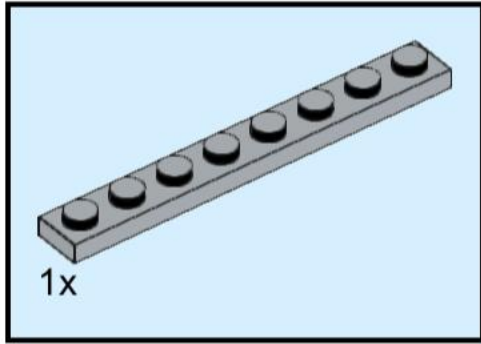
26



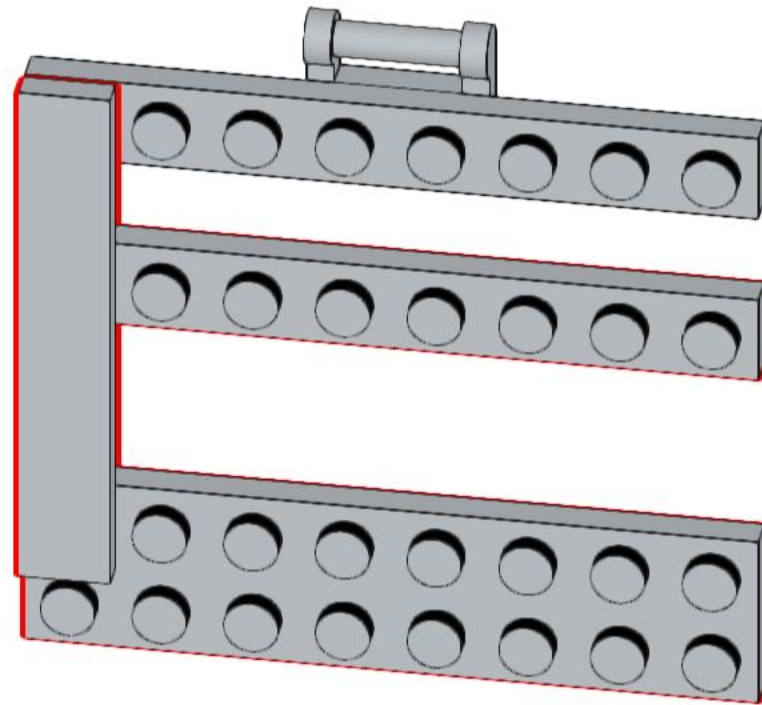
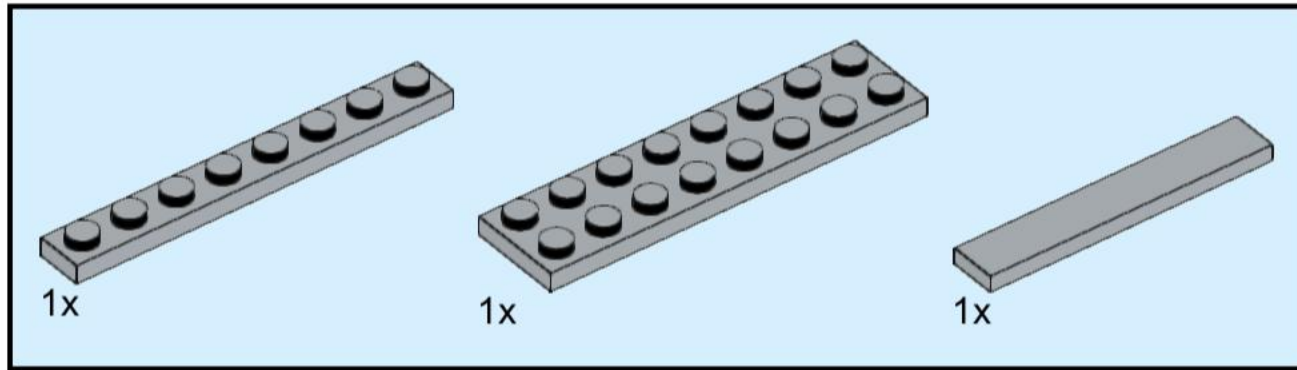
27



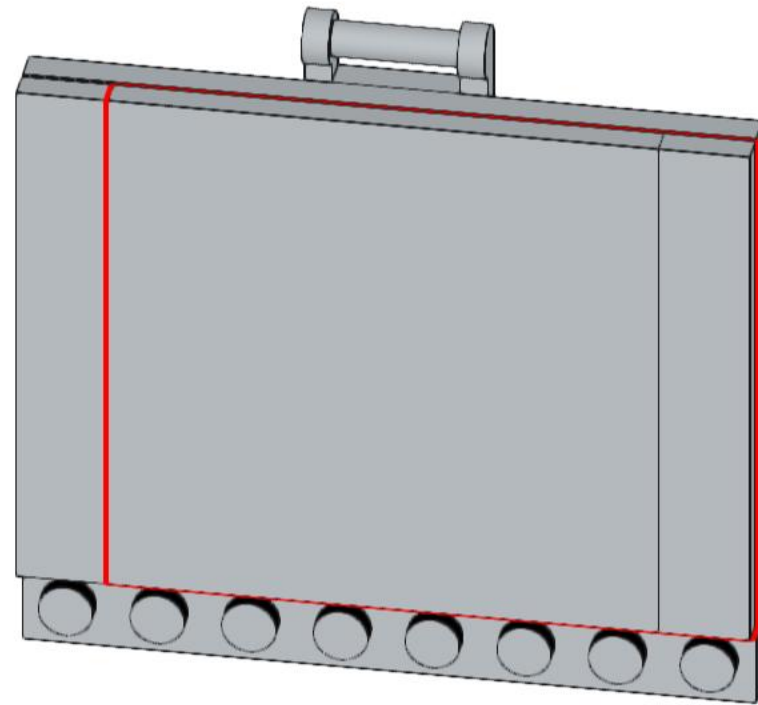
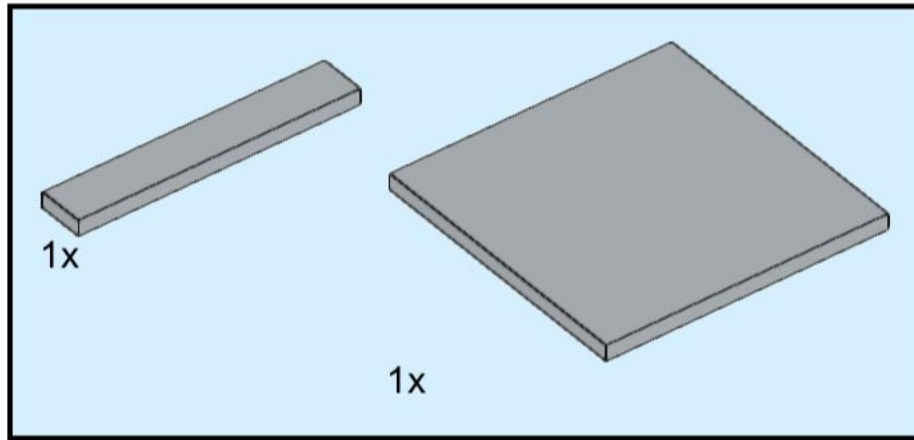
28



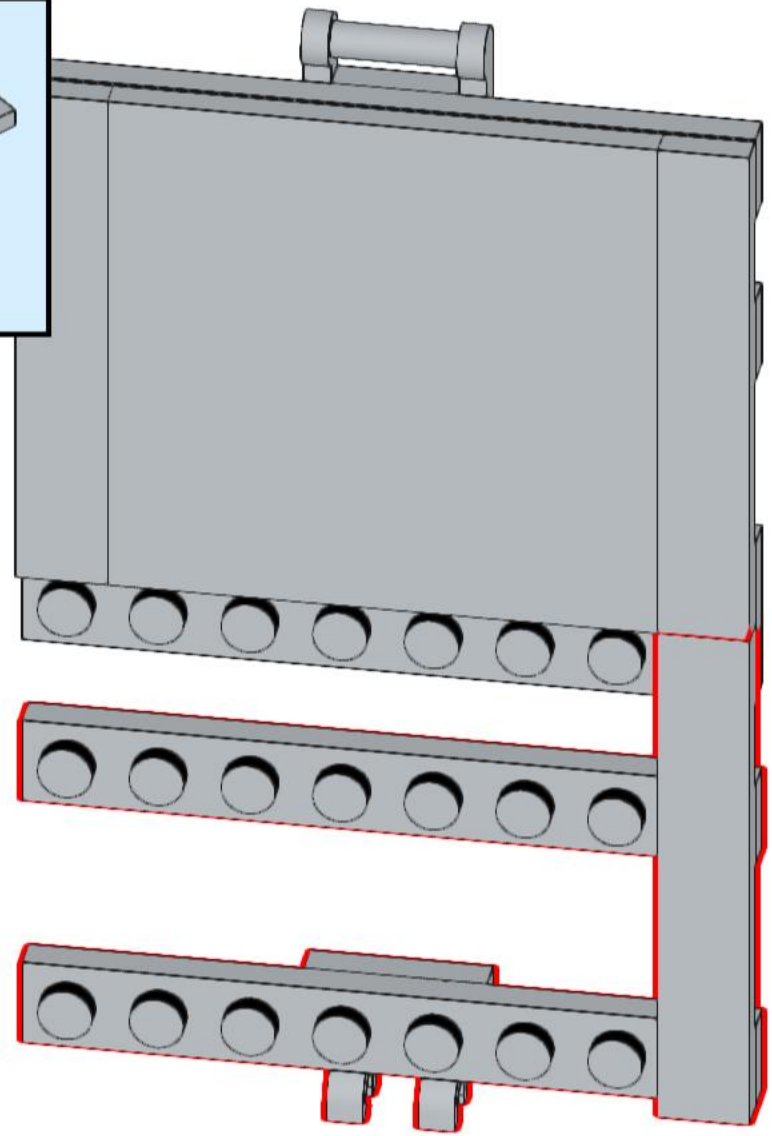
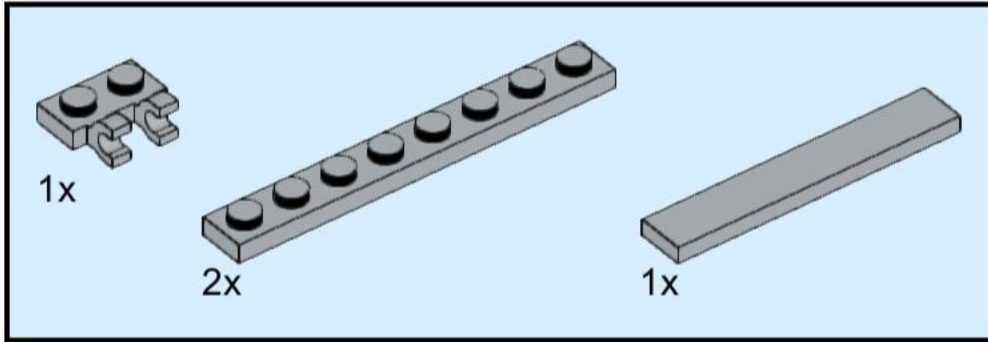
29



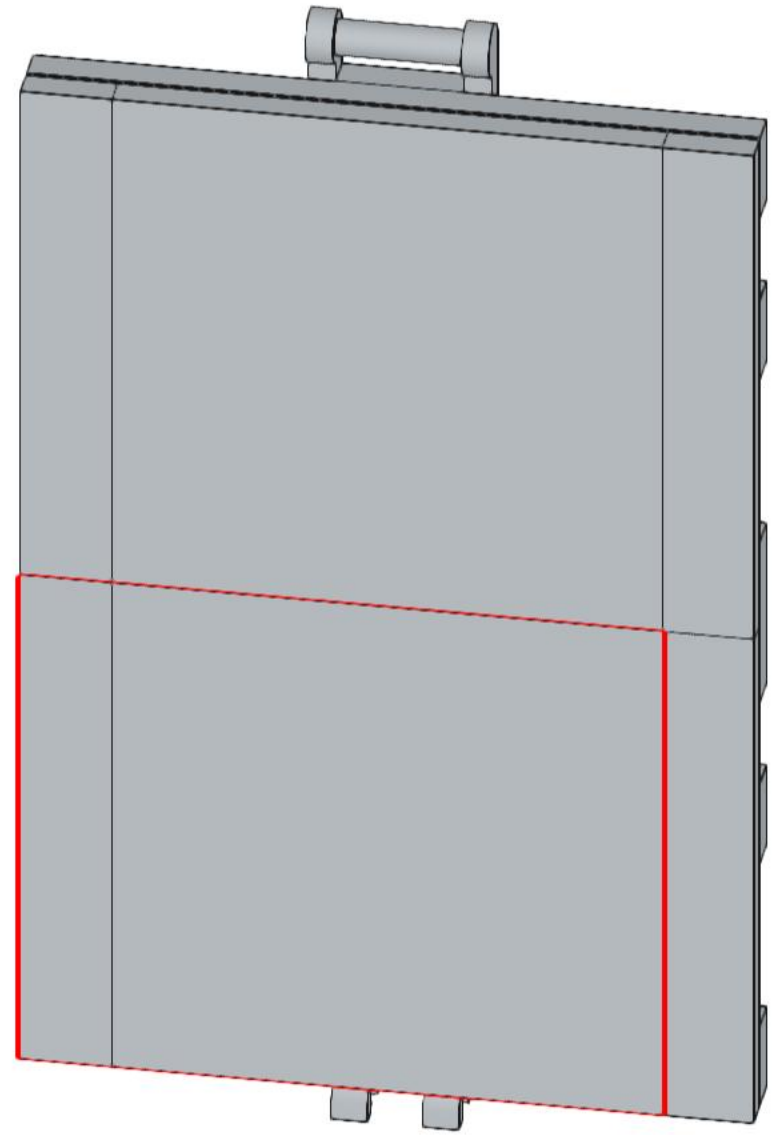
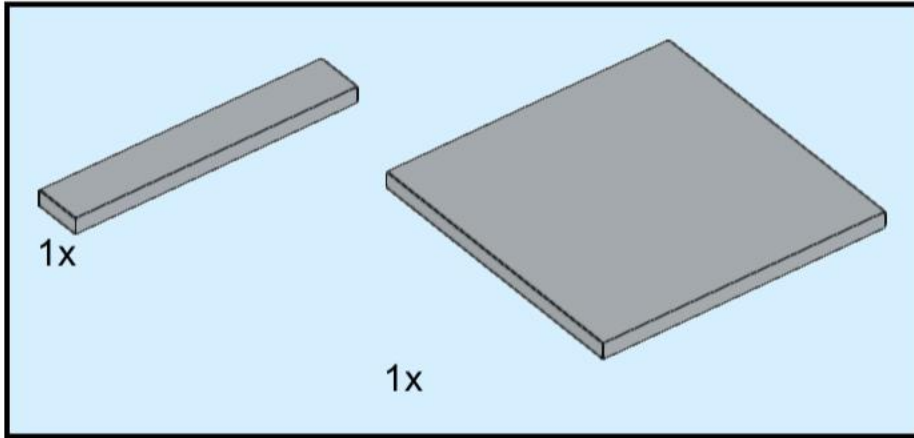
30



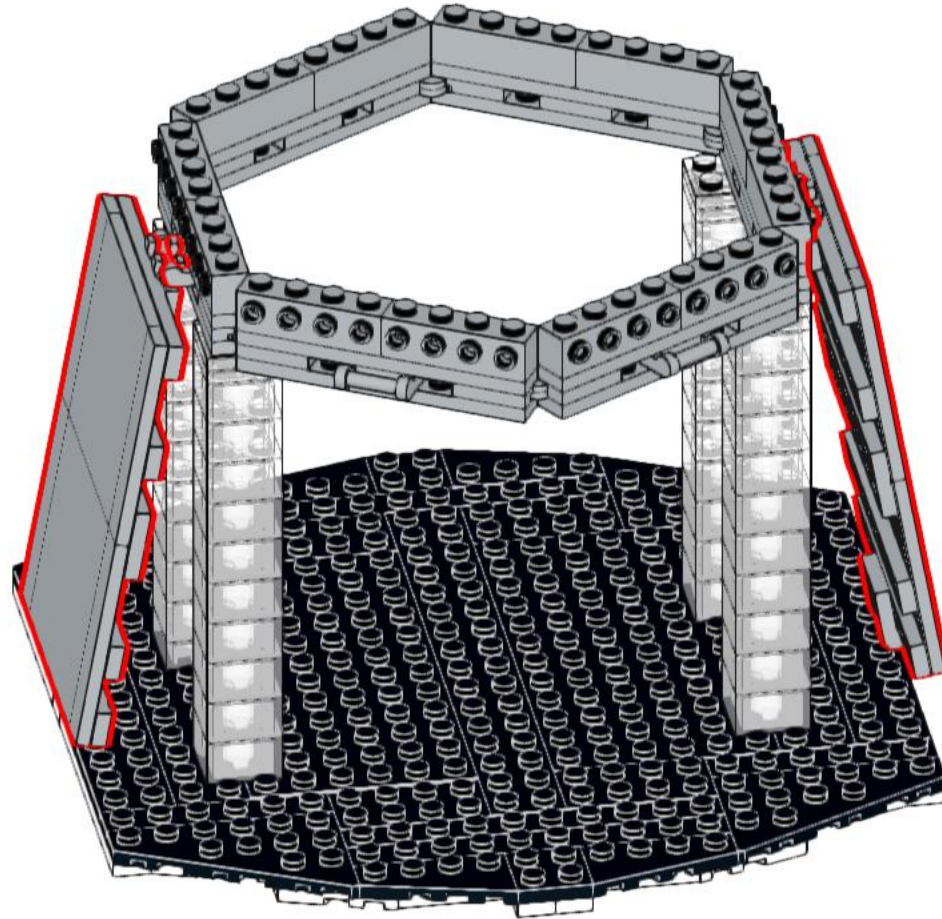
31



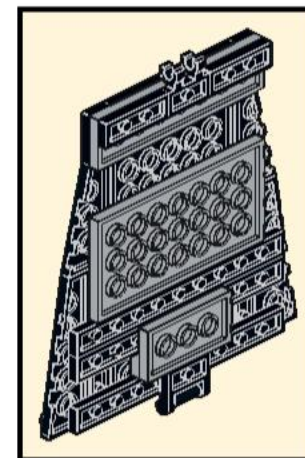
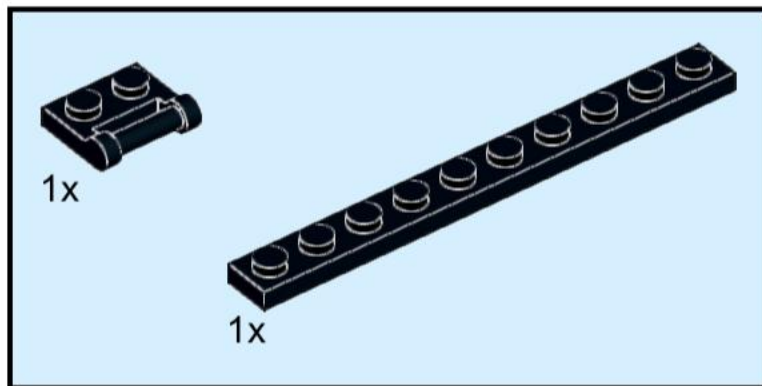
32



33



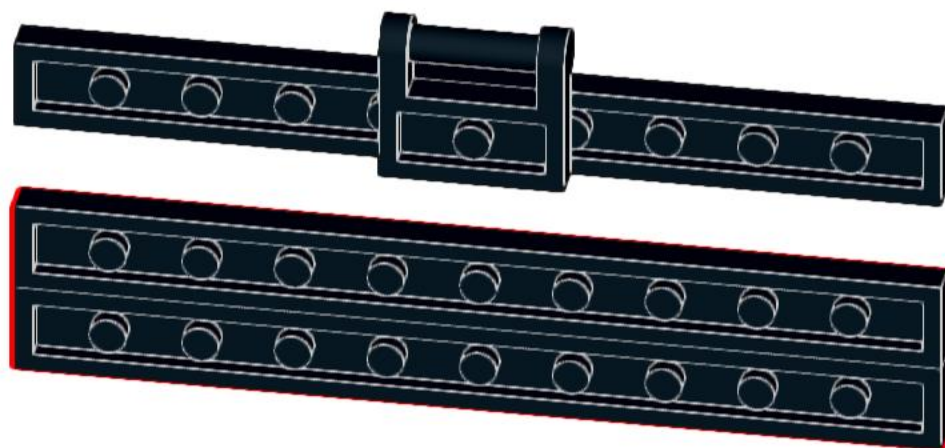
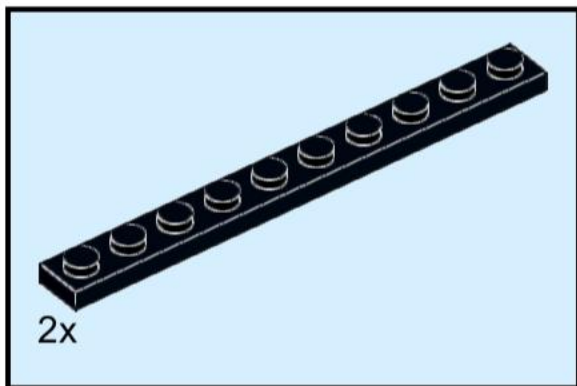
34



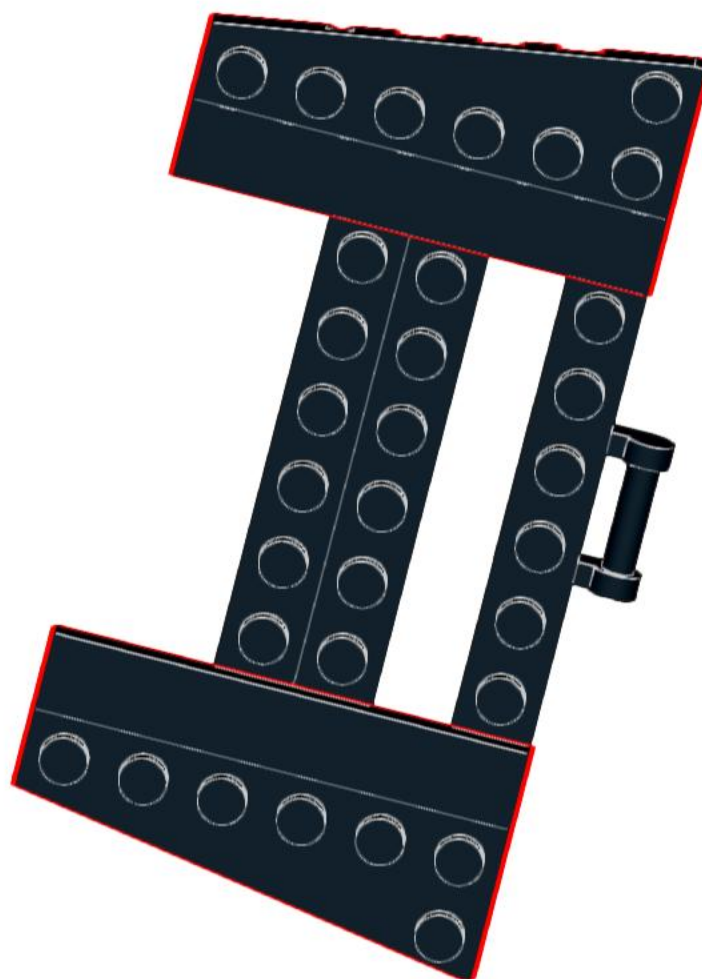
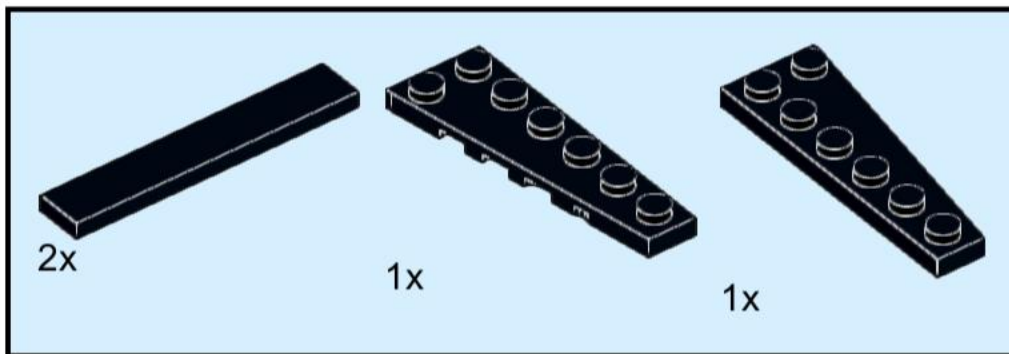
4x



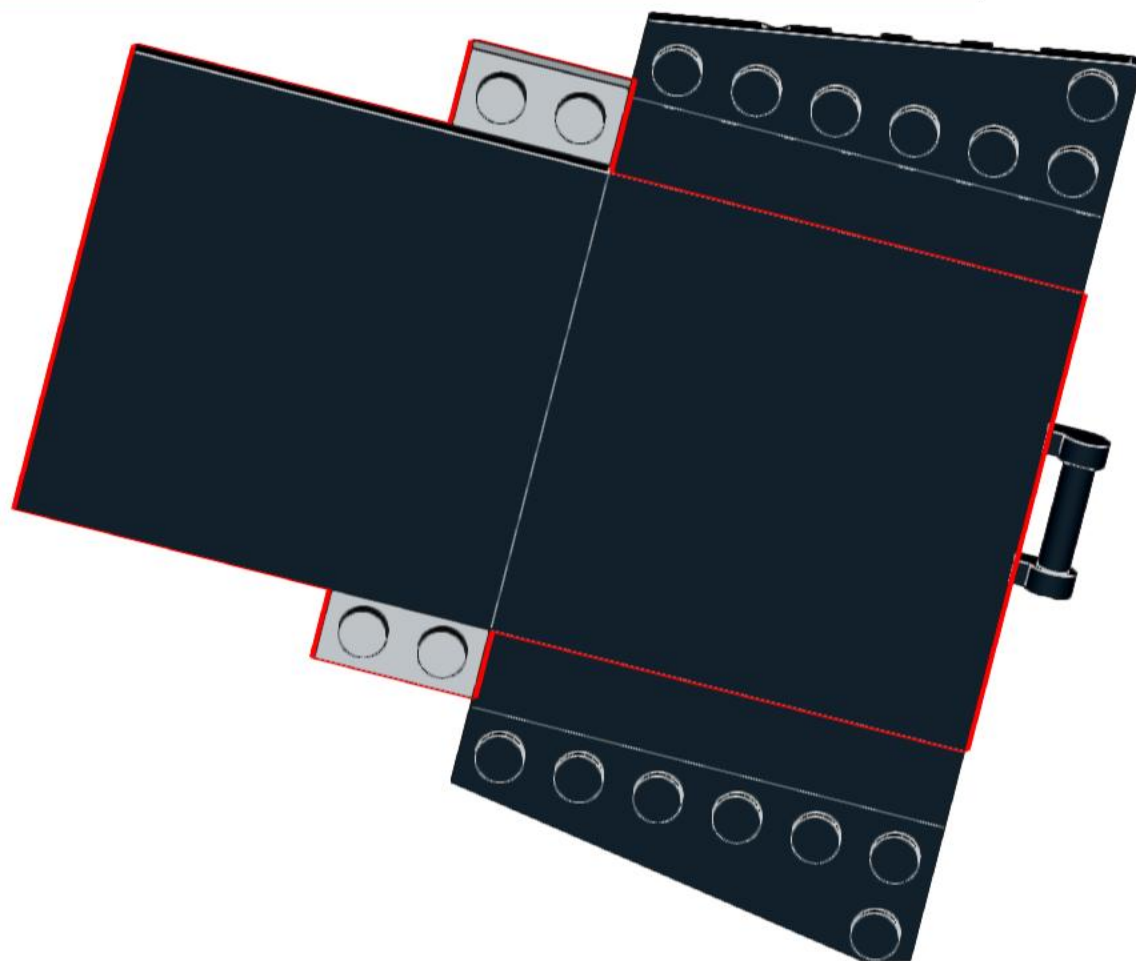
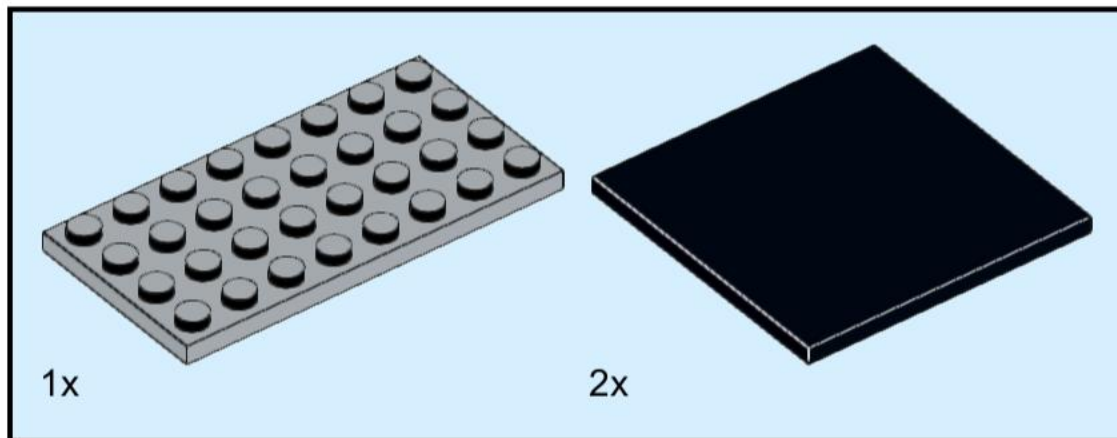
35



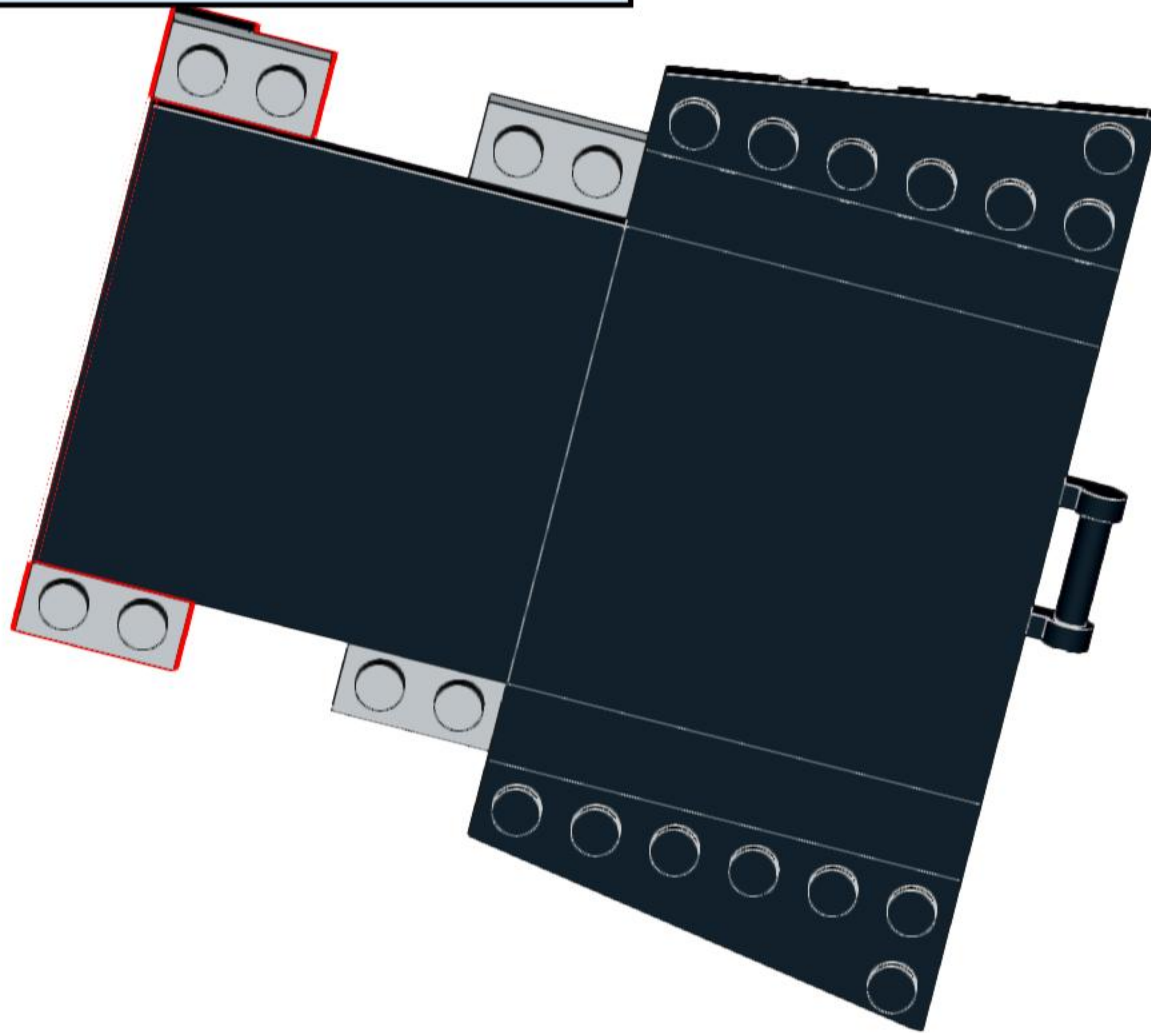
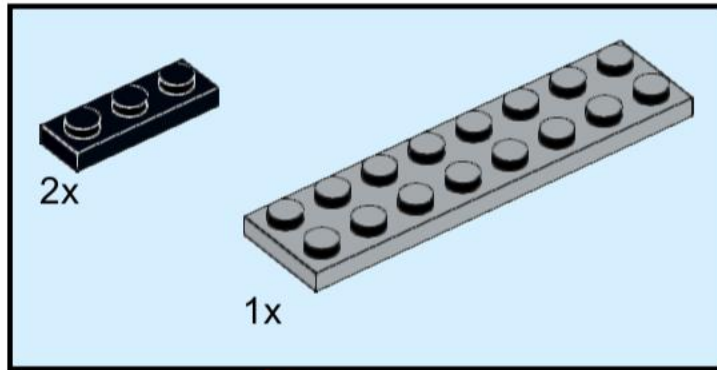
36



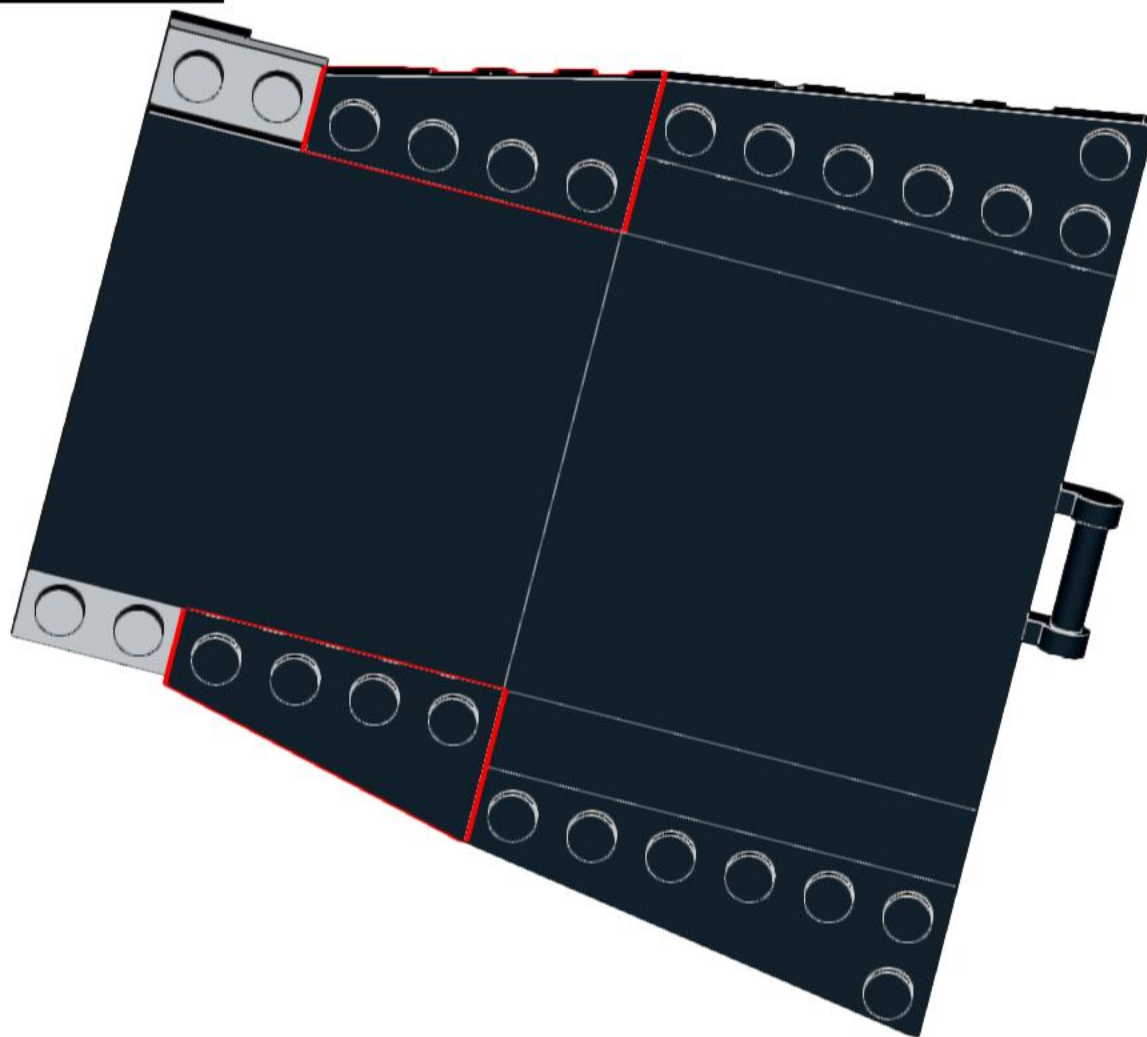
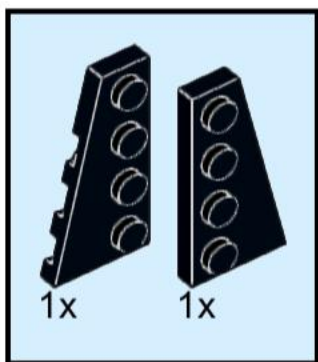
37



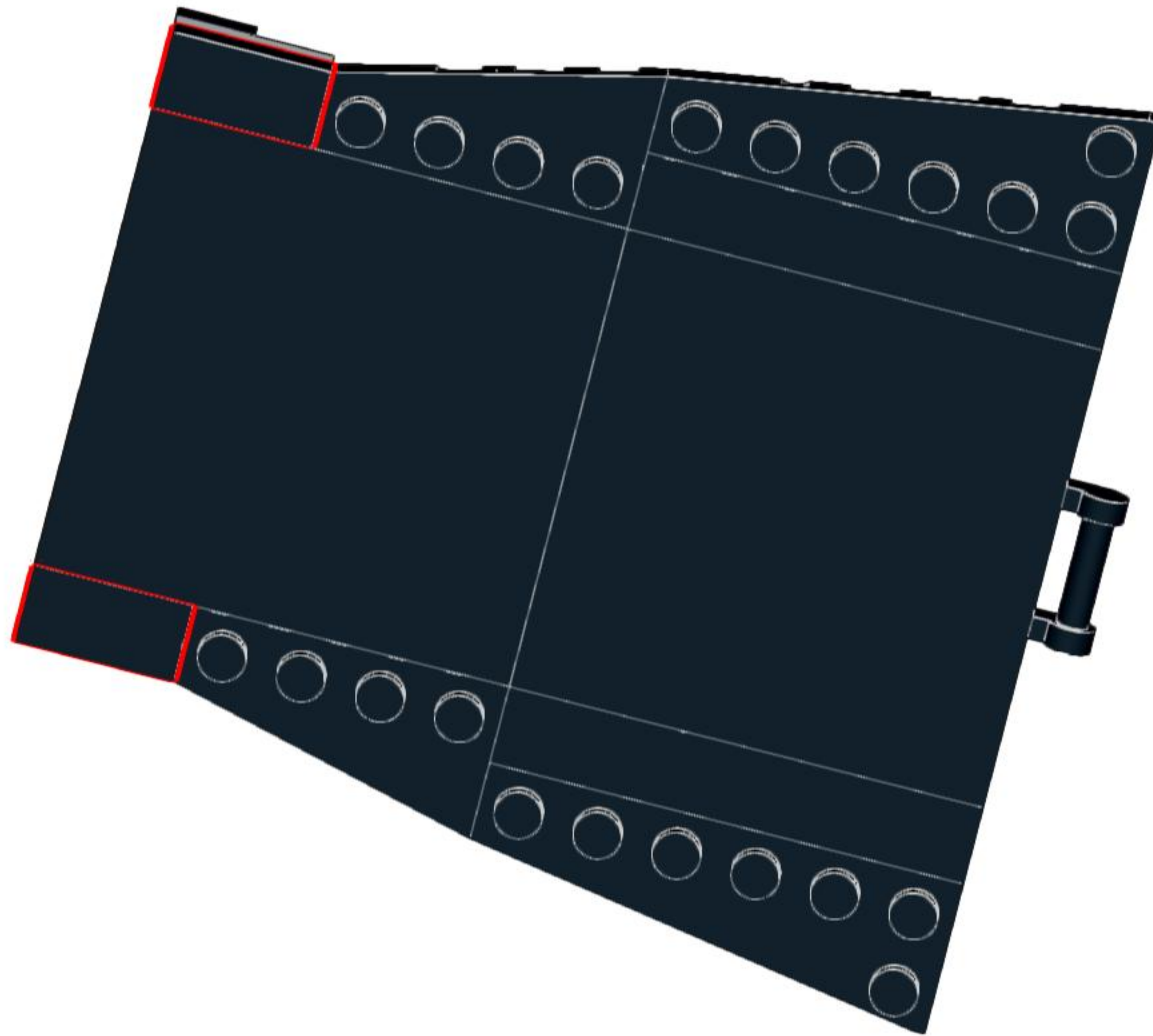
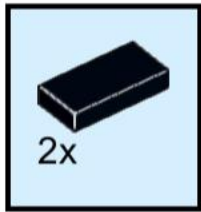
38



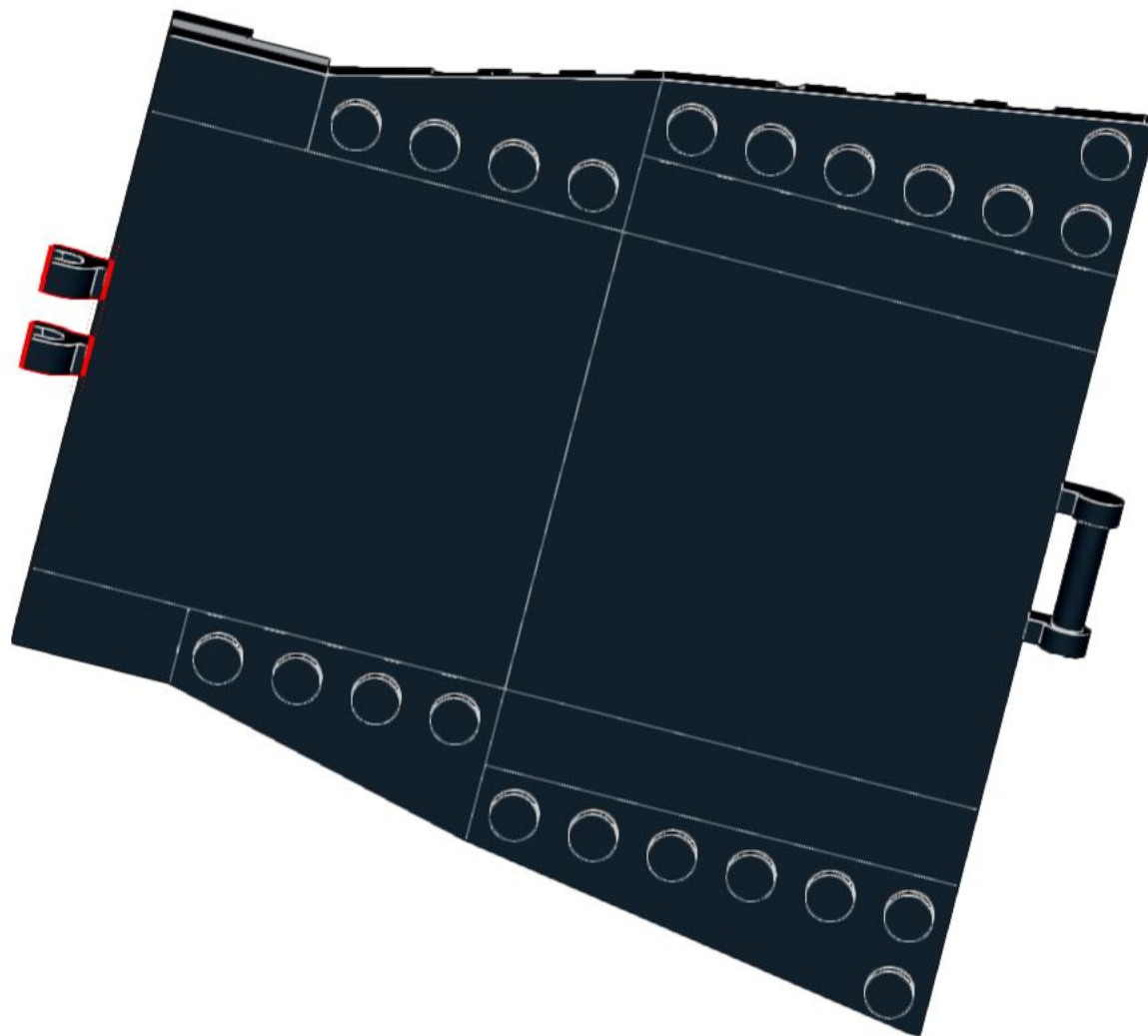
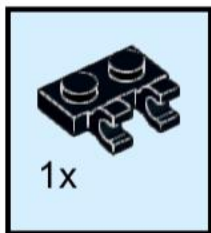
39



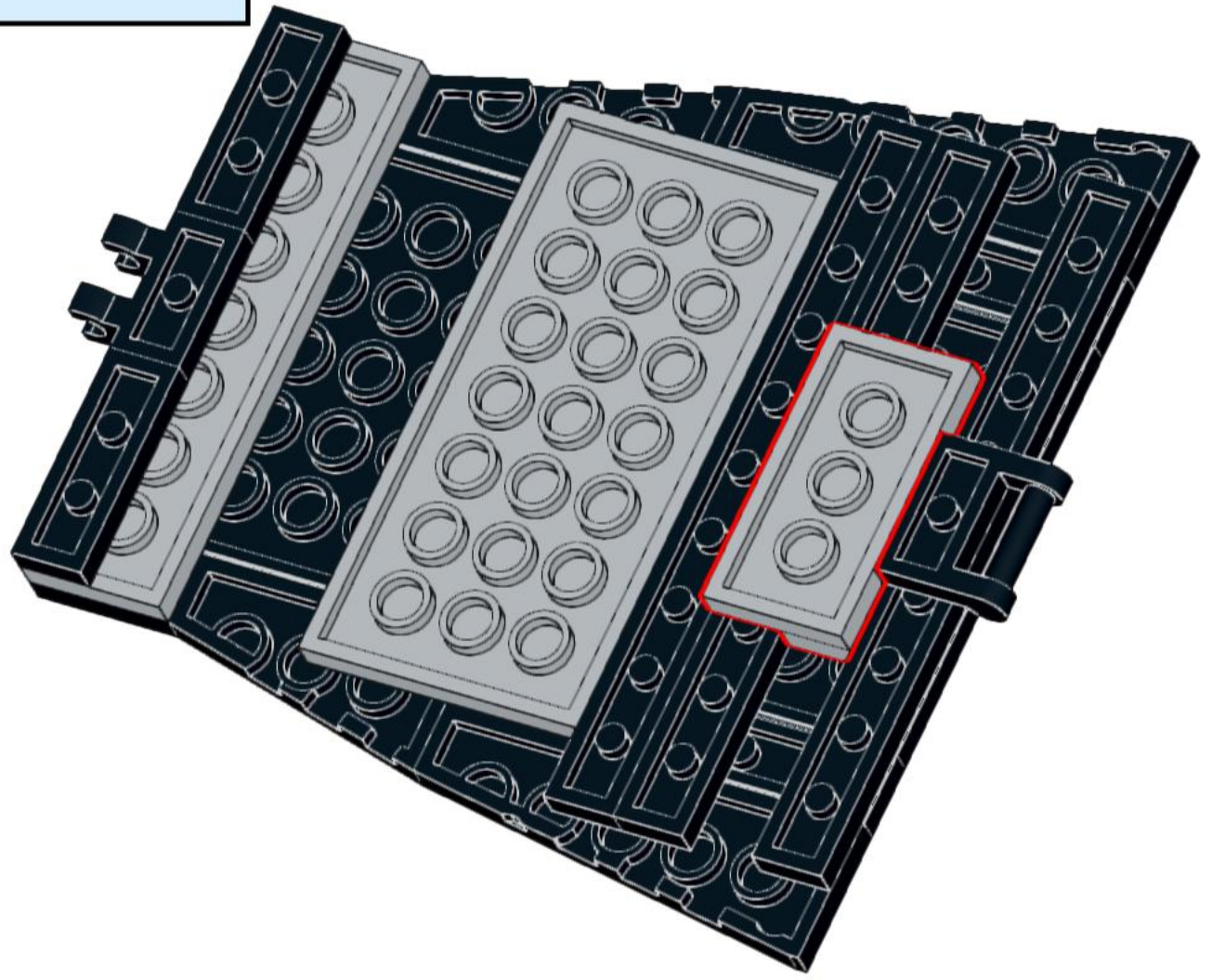
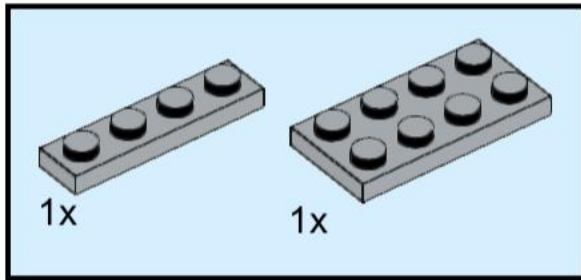
40



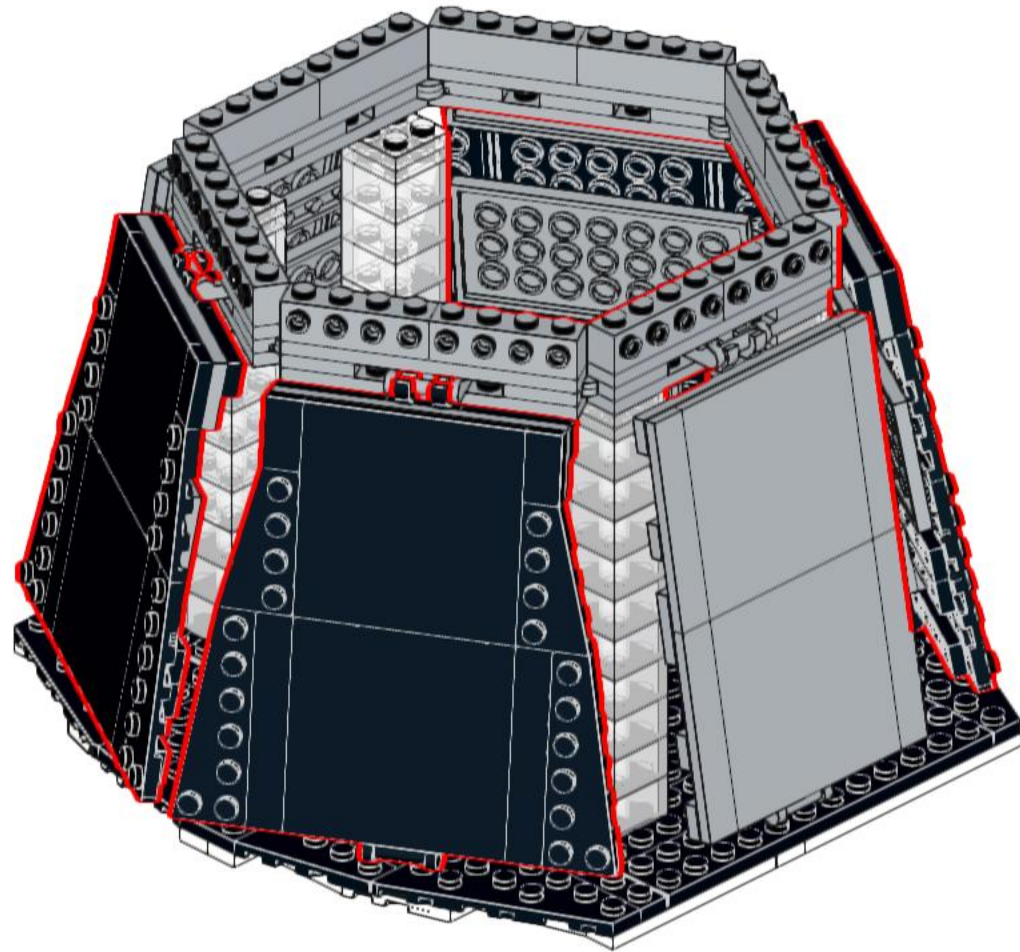
41



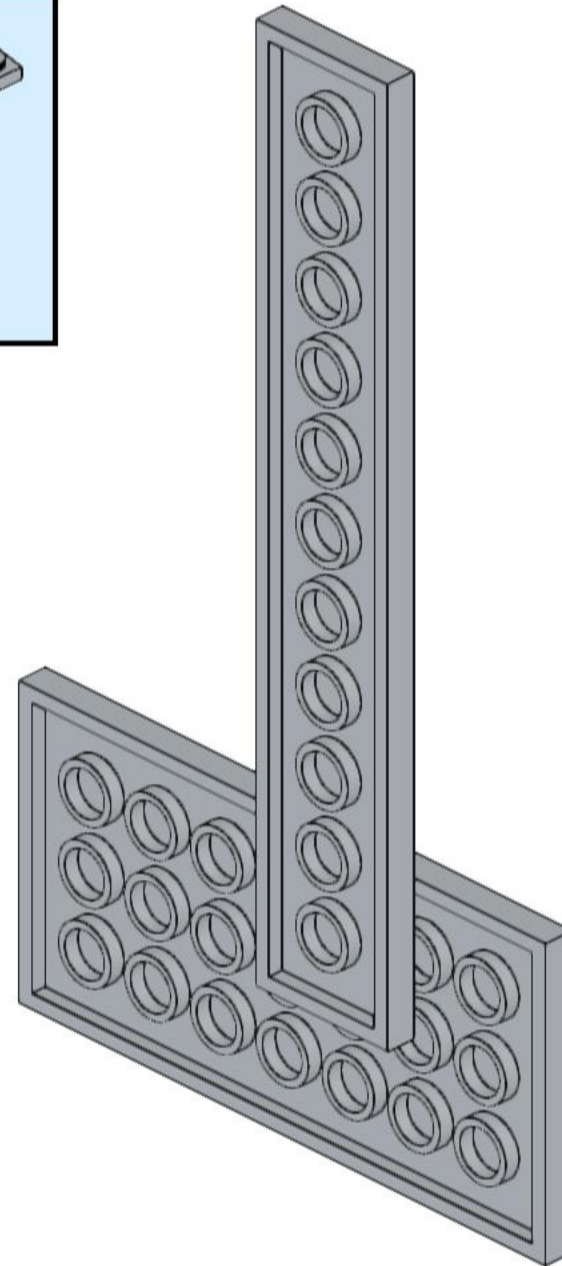
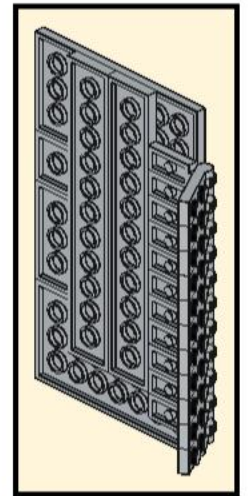
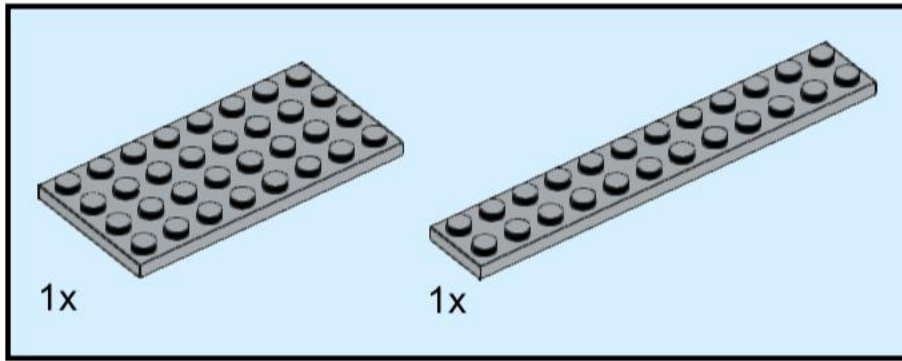
42



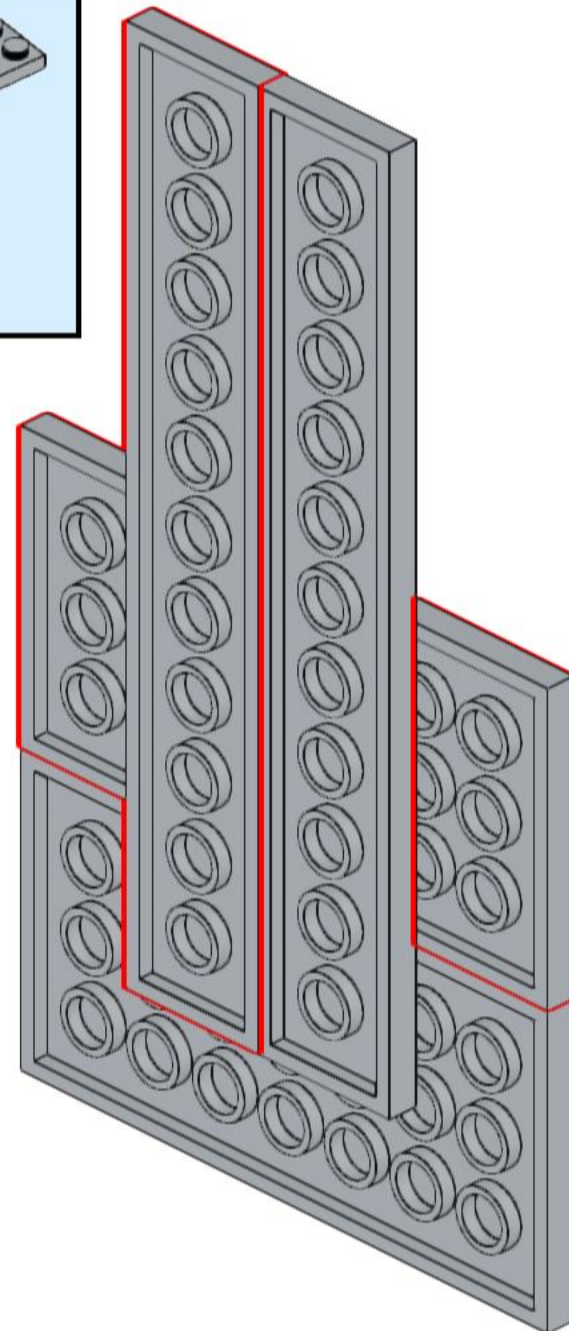
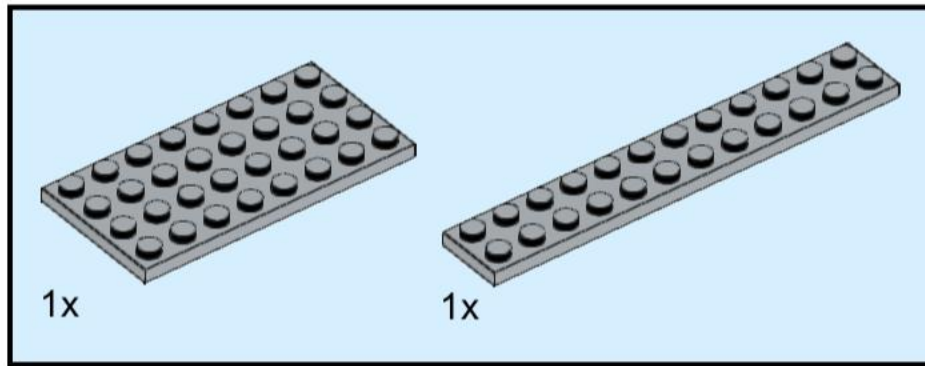
43



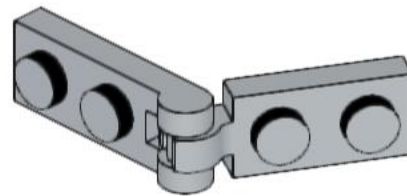
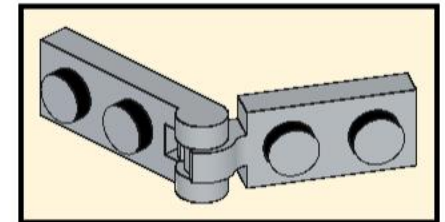
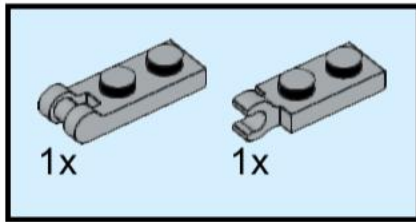
44



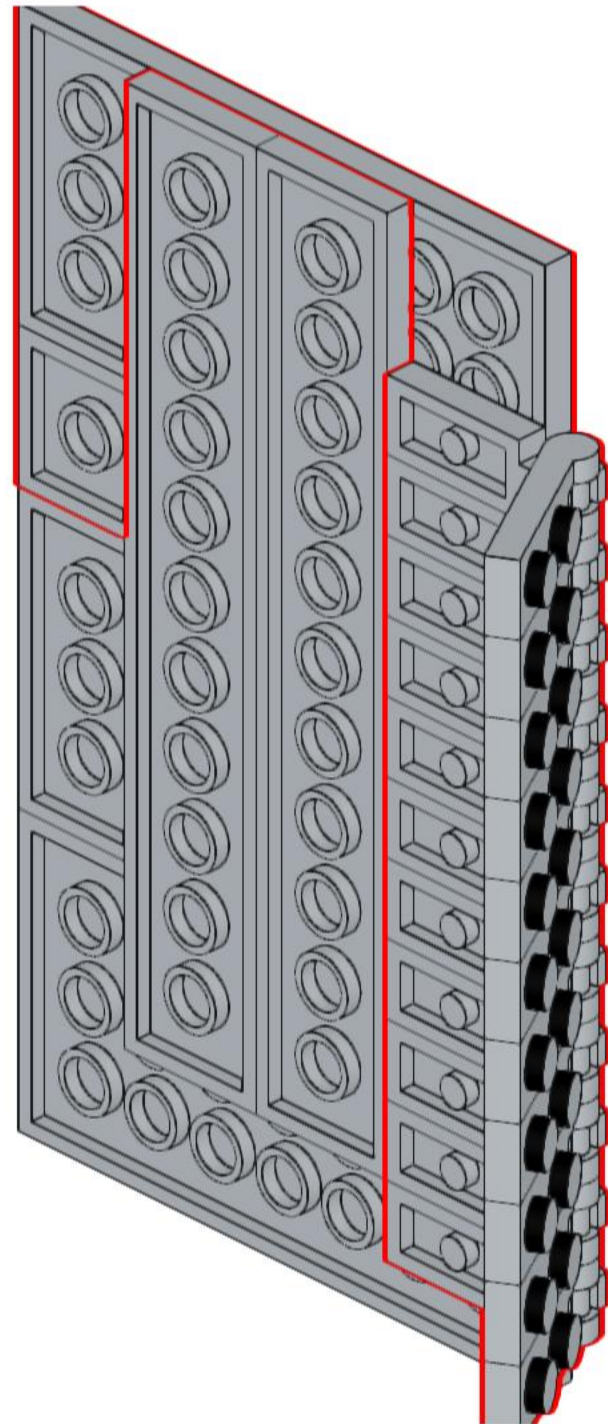
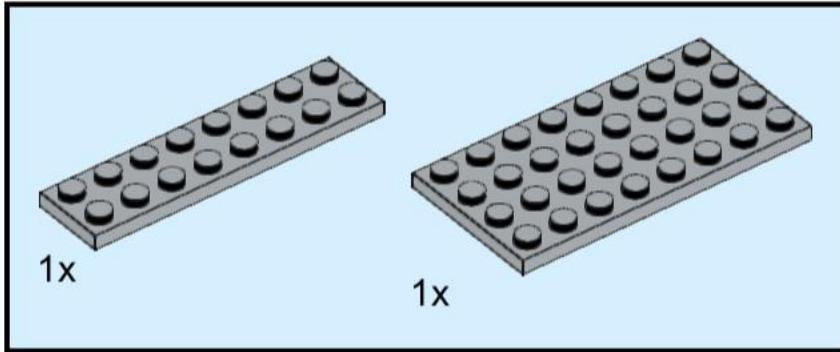
45



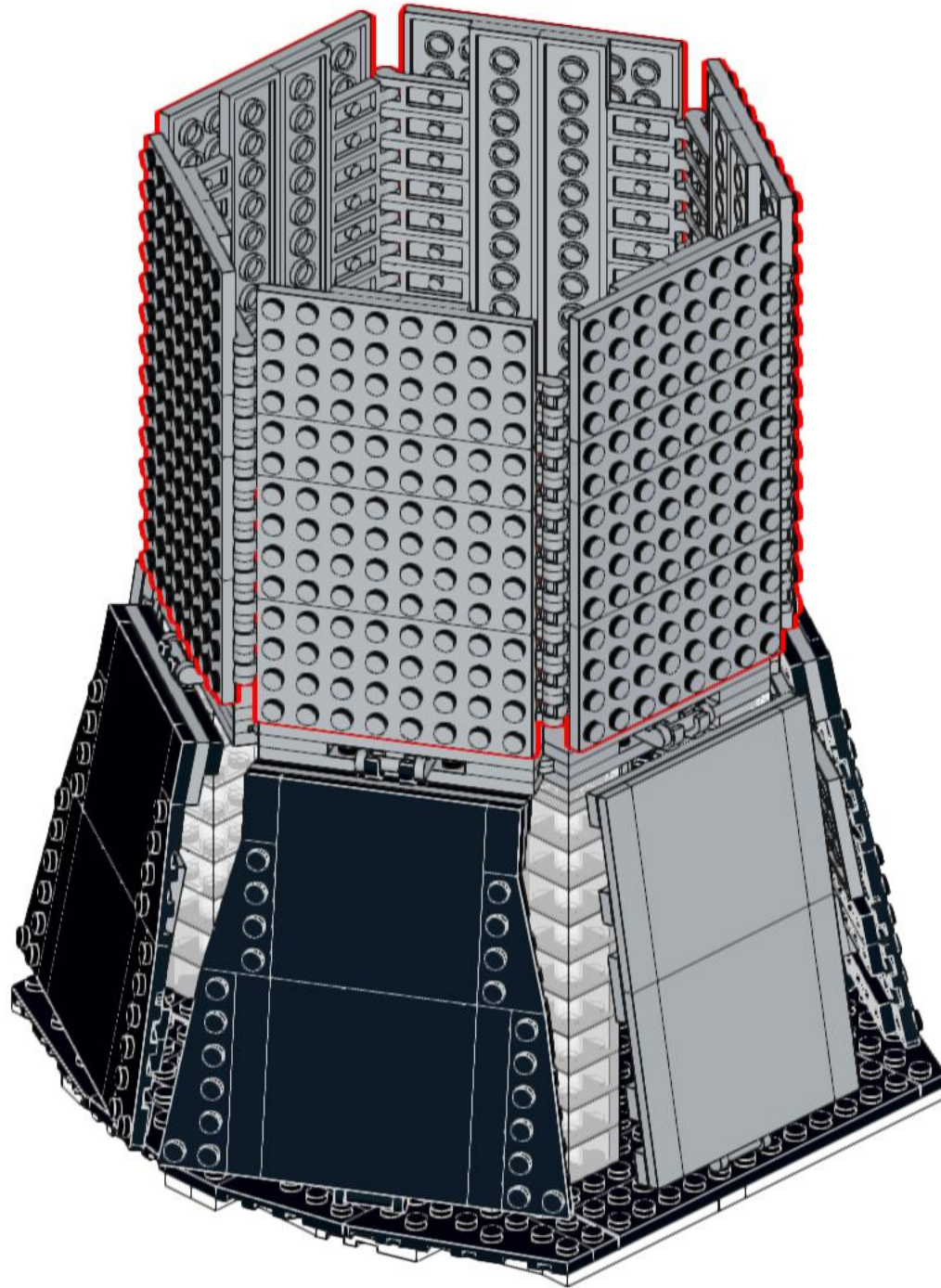
46



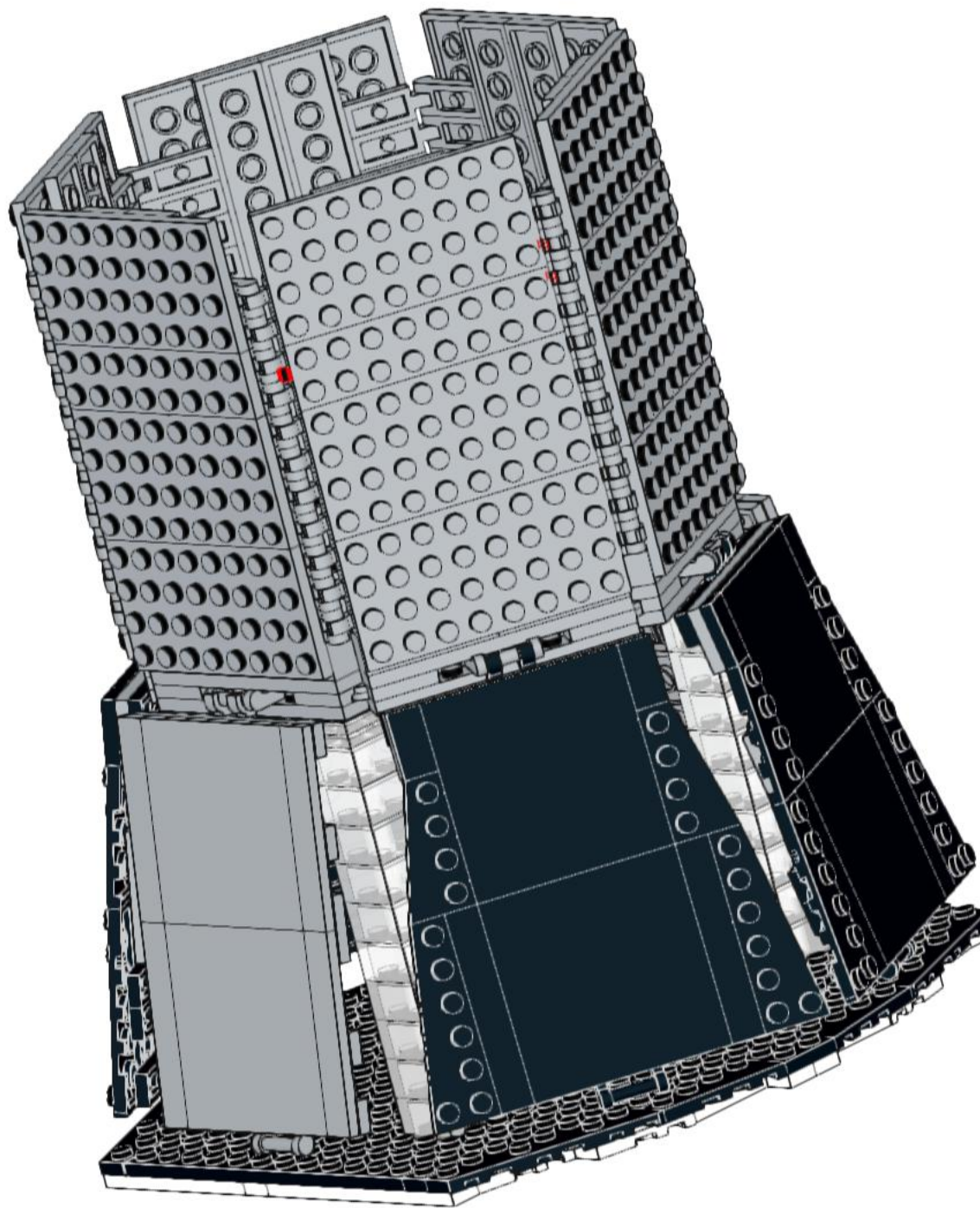
47



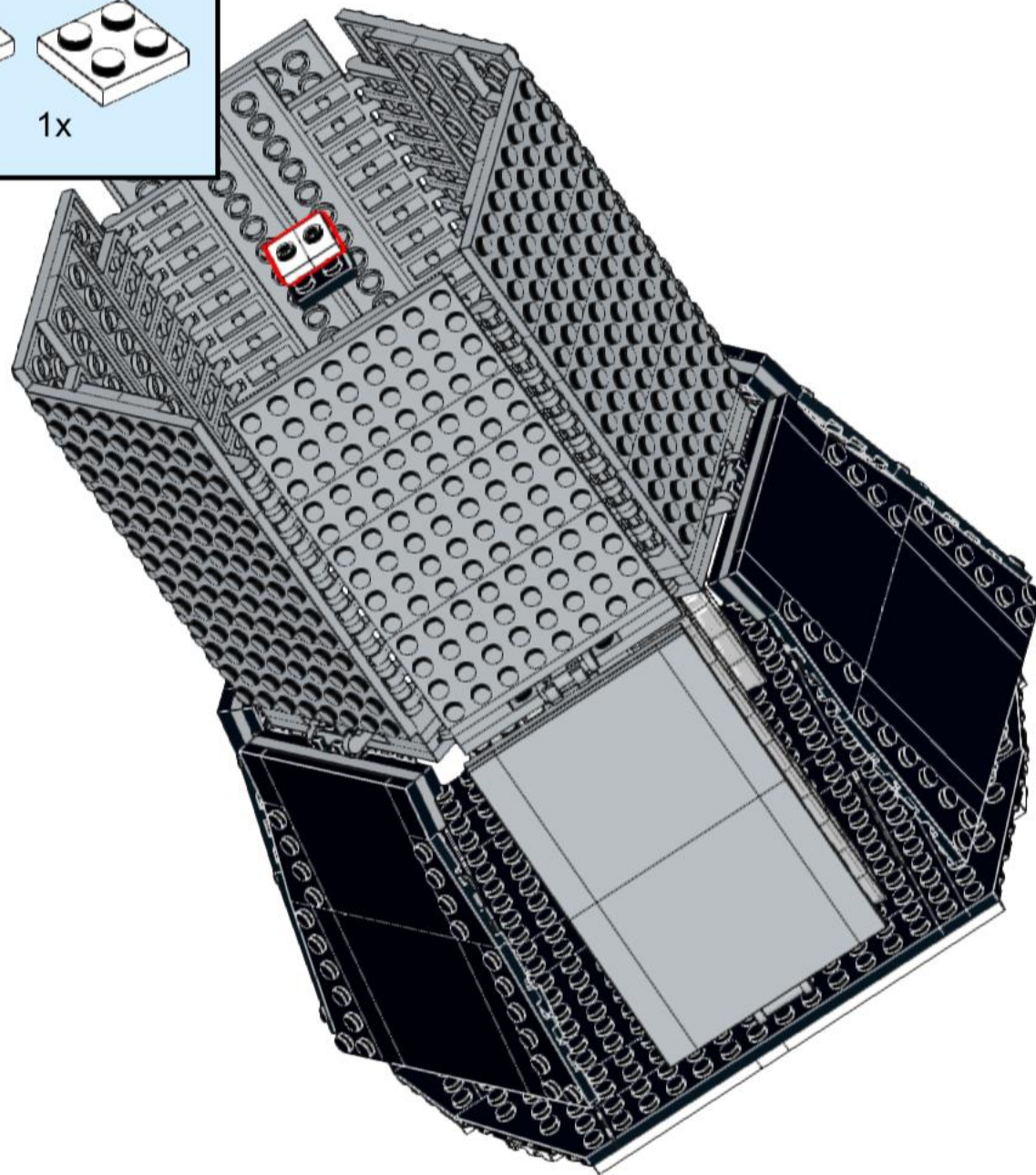
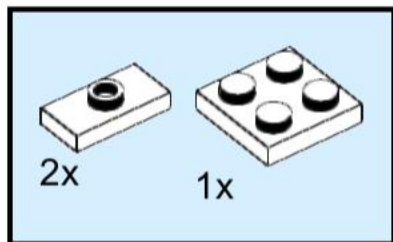
48



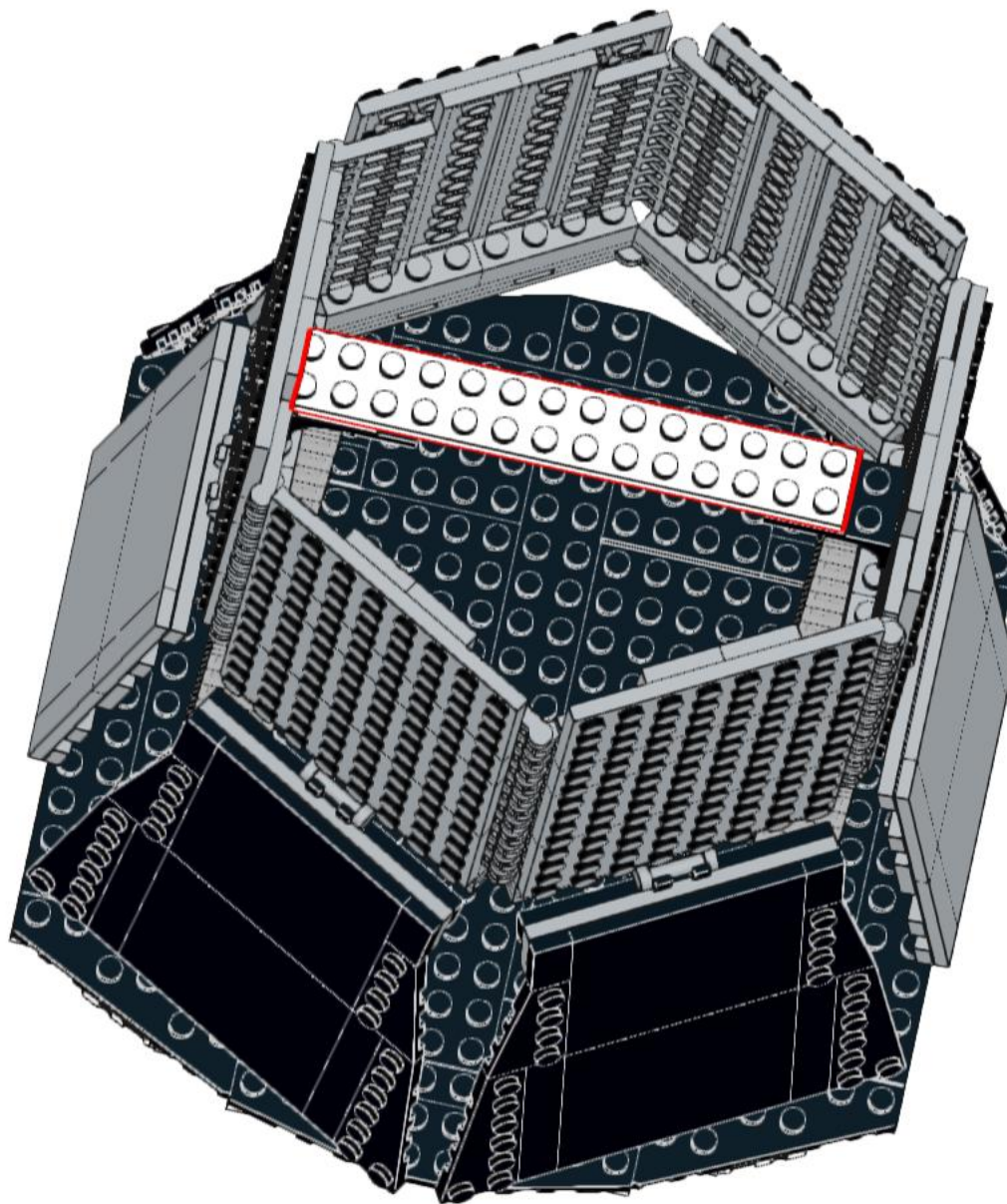
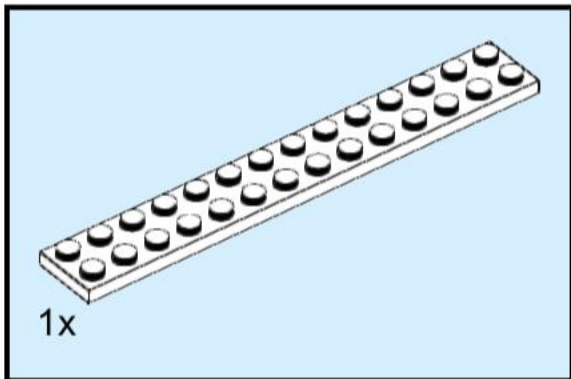
49



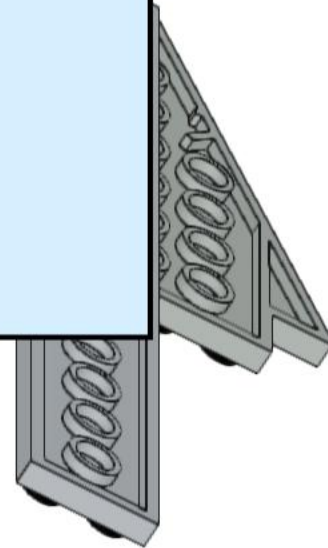
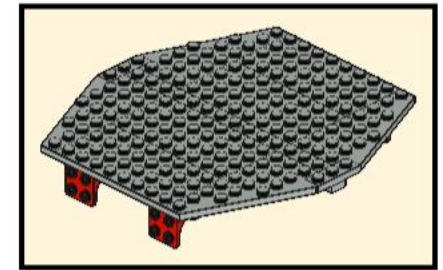
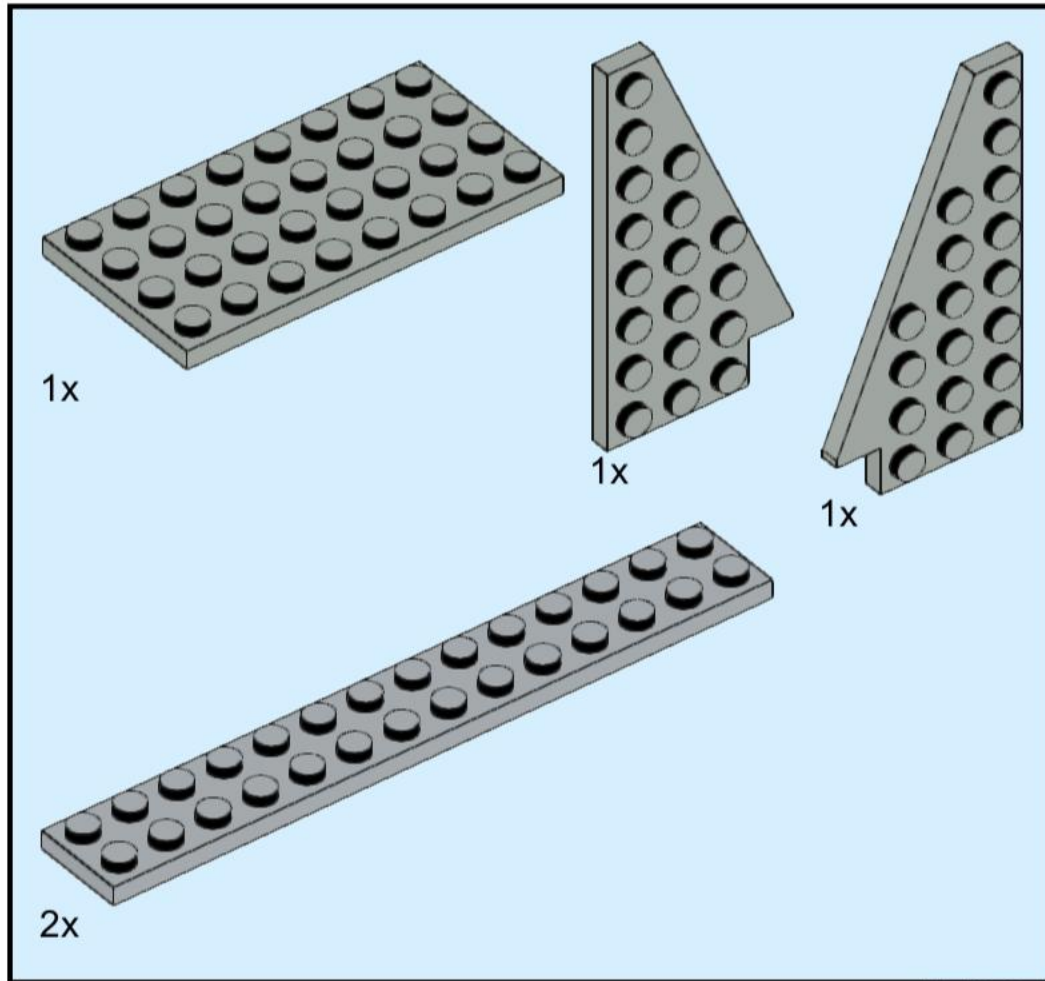
50



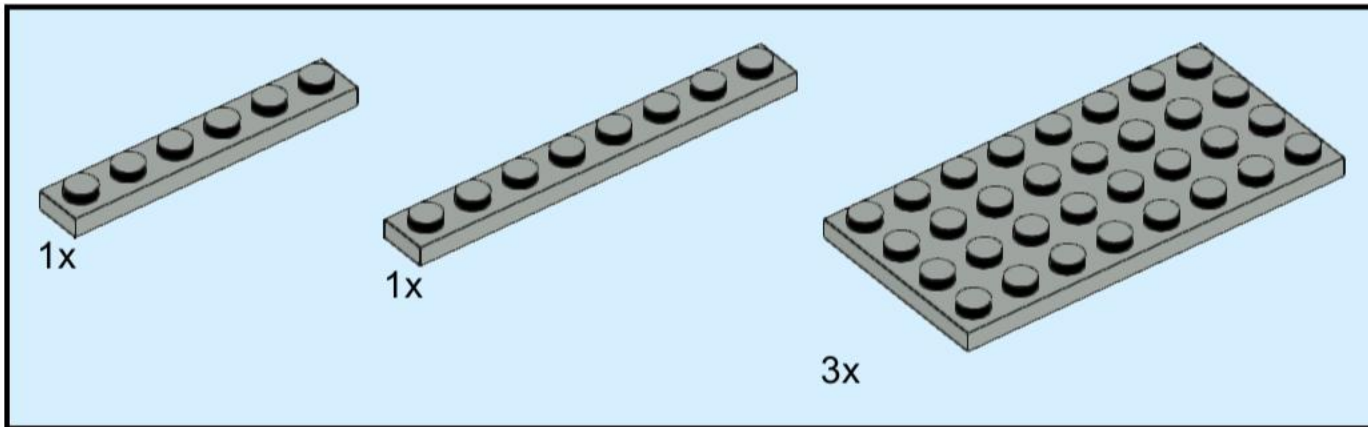
51



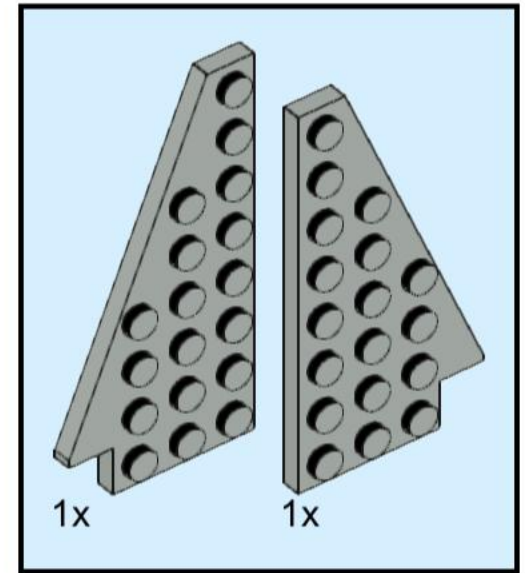
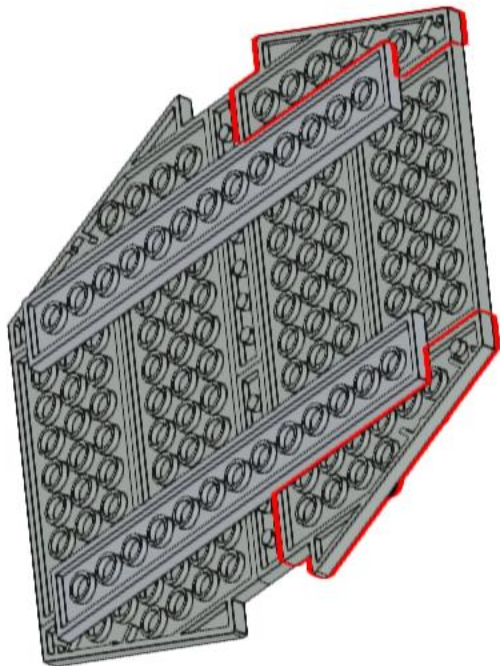
52



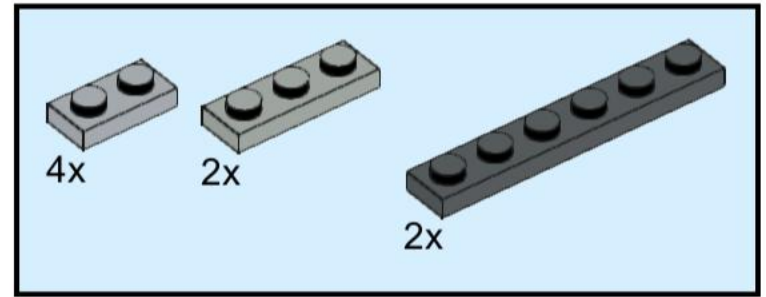
53



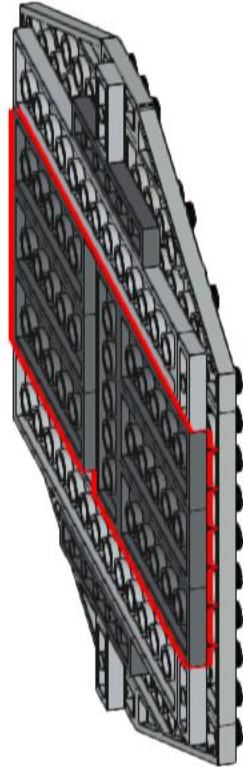
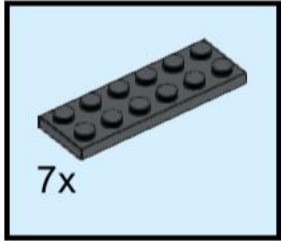
54



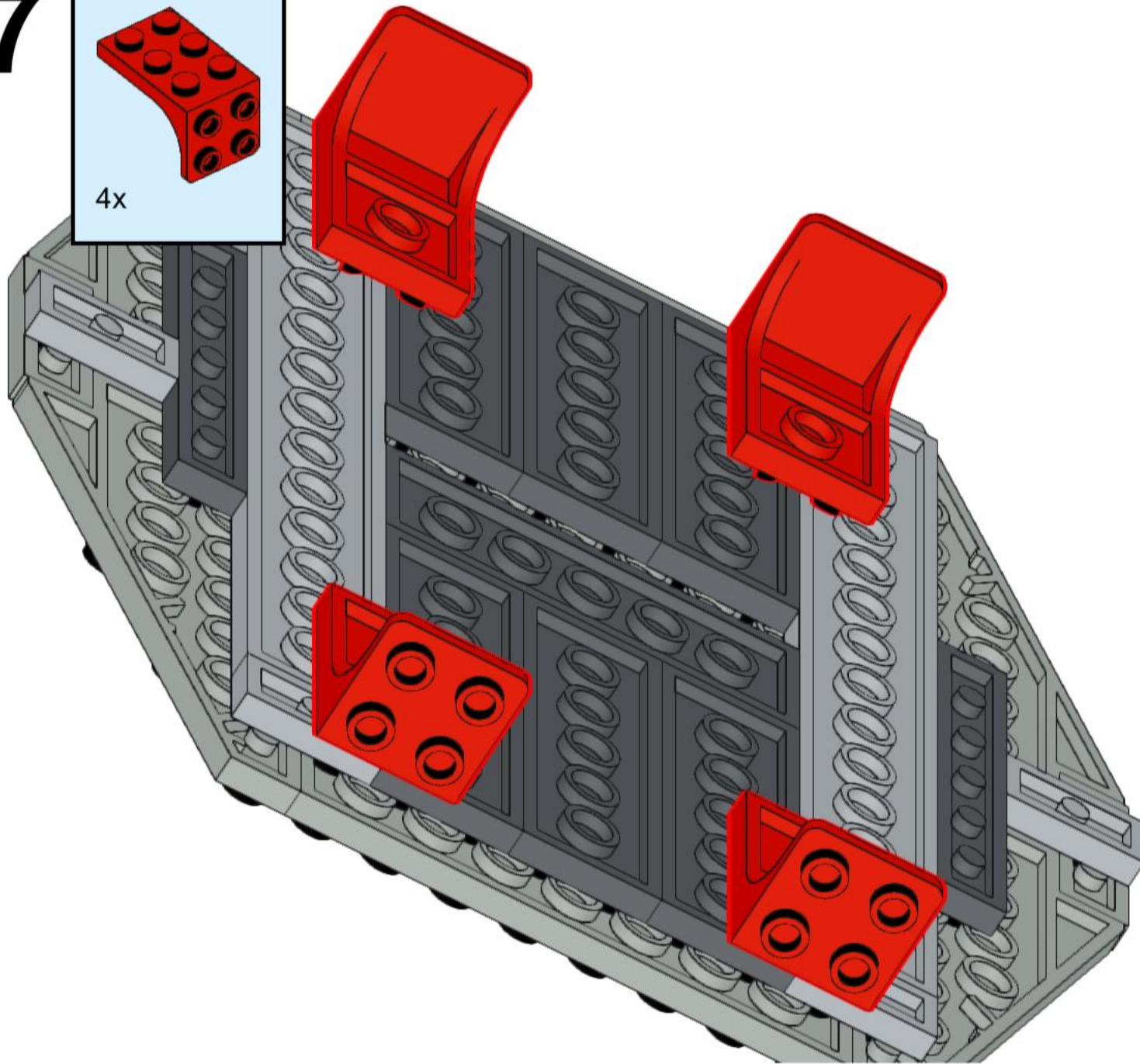
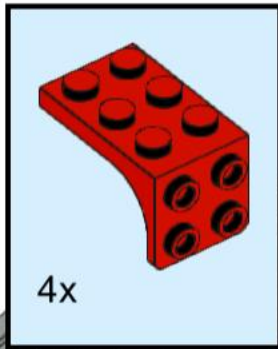
55



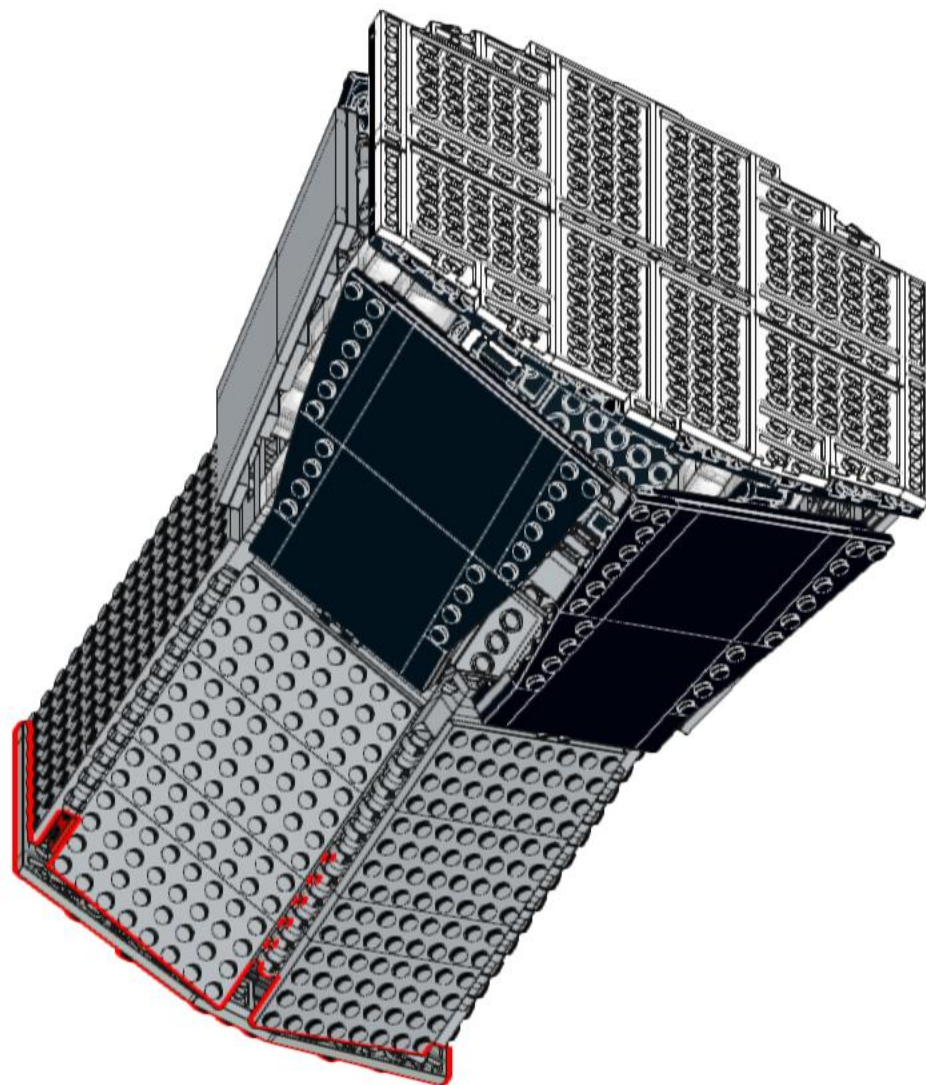
56



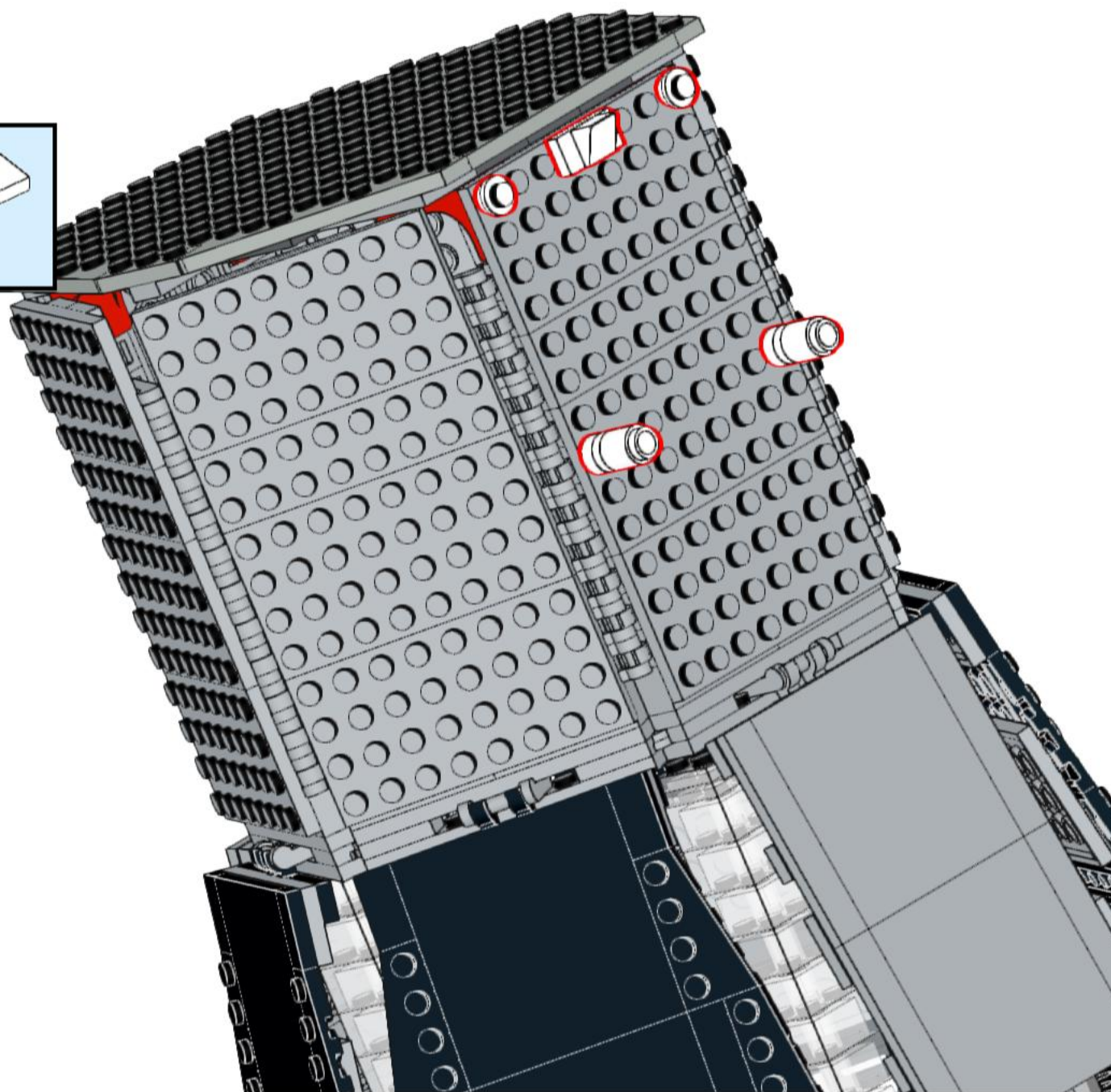
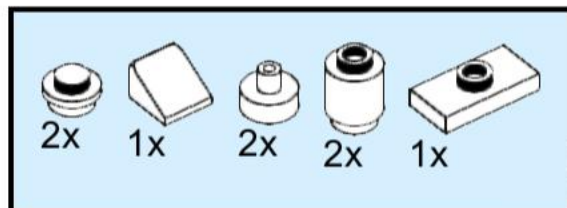
57



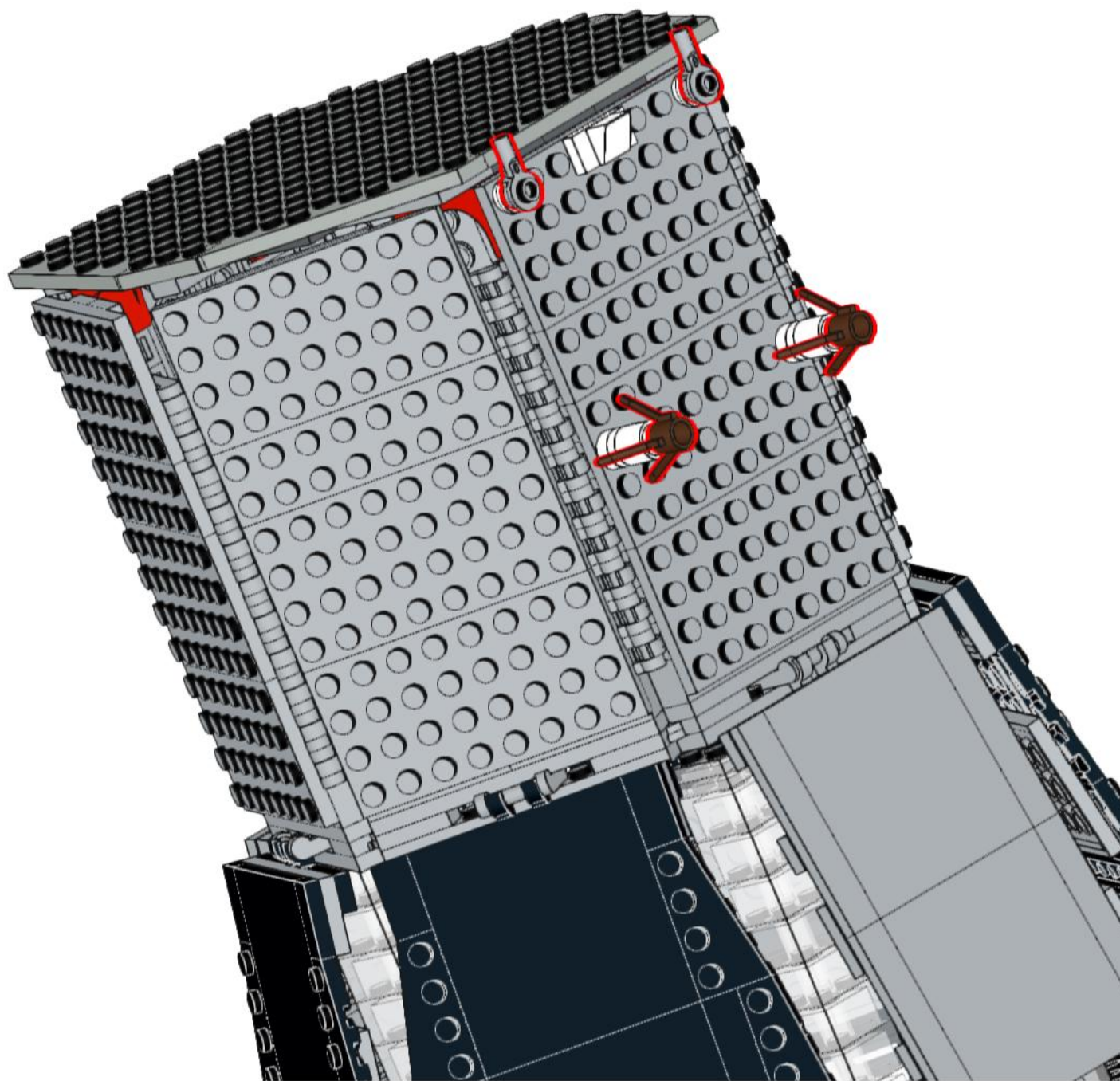
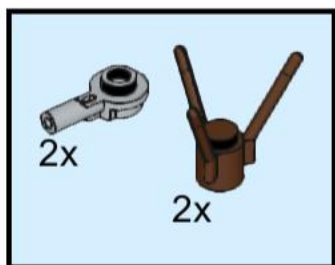
58



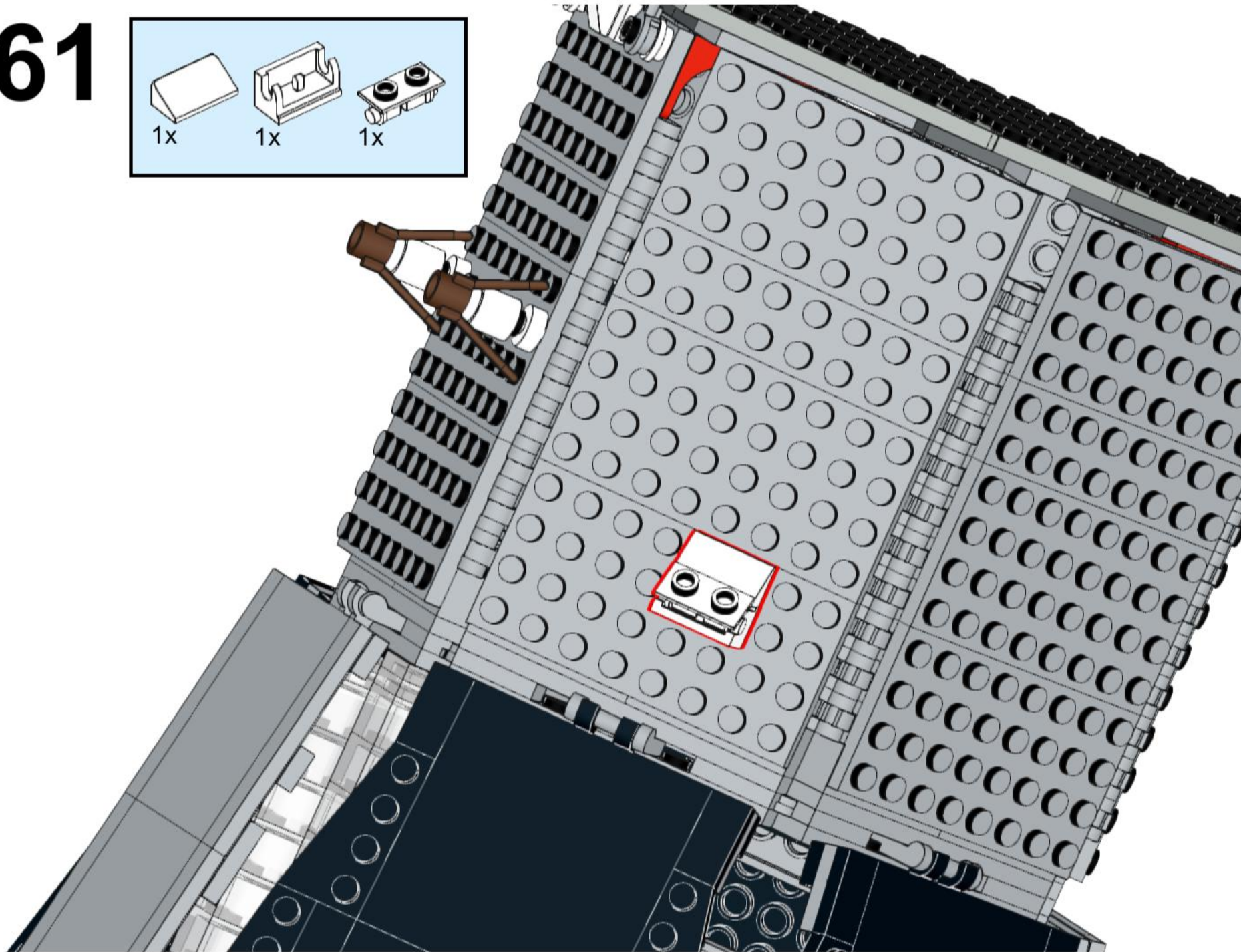
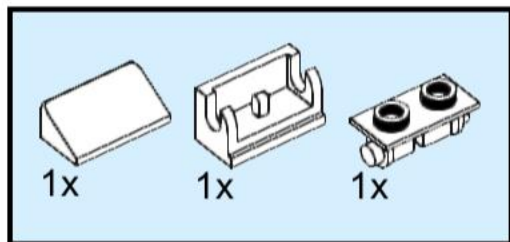
59



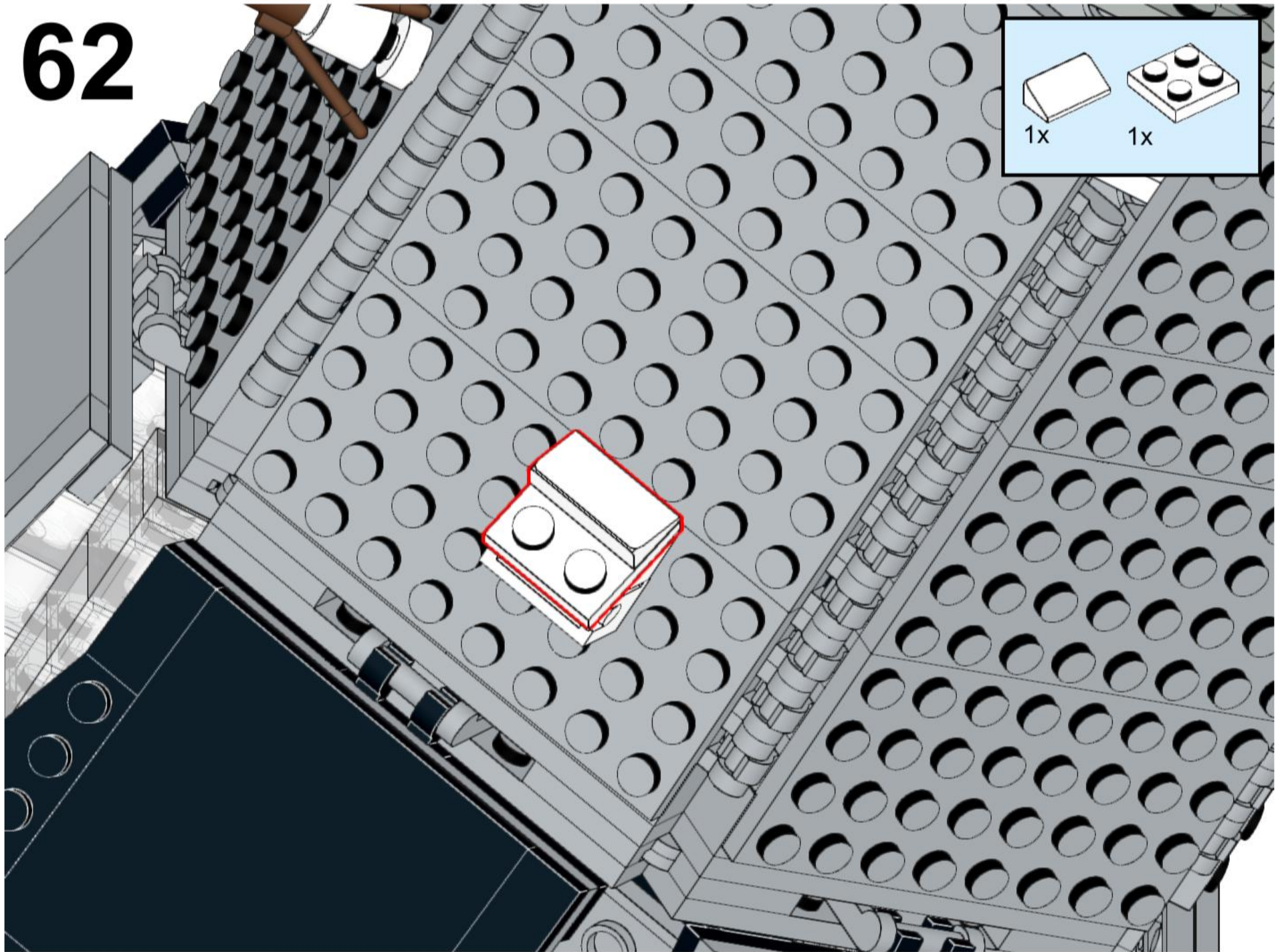
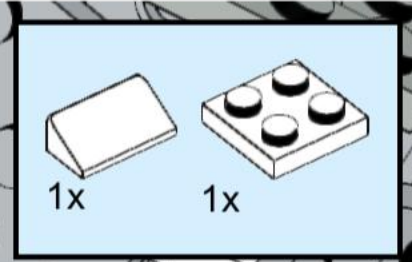
60



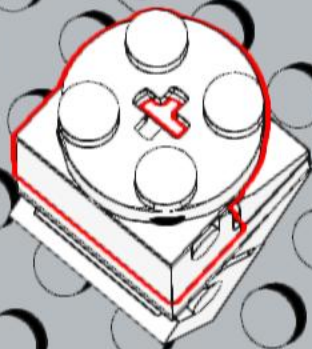
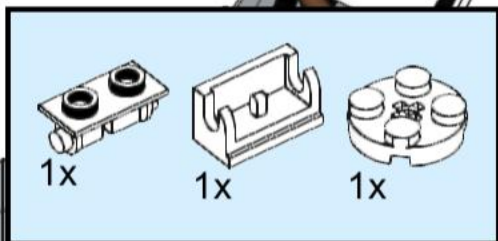
61



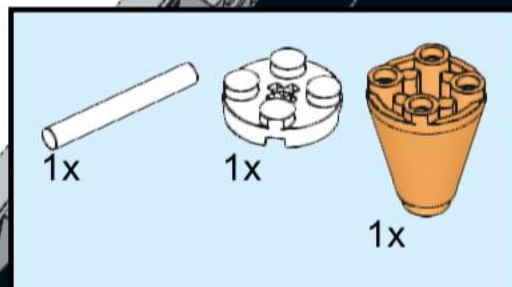
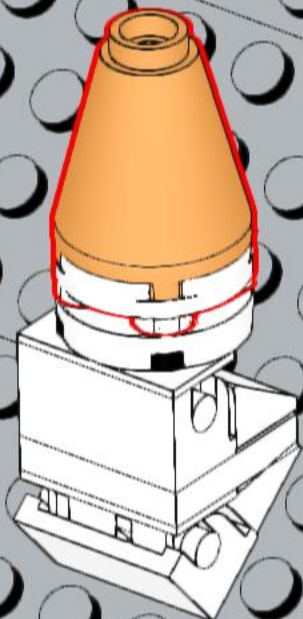
62



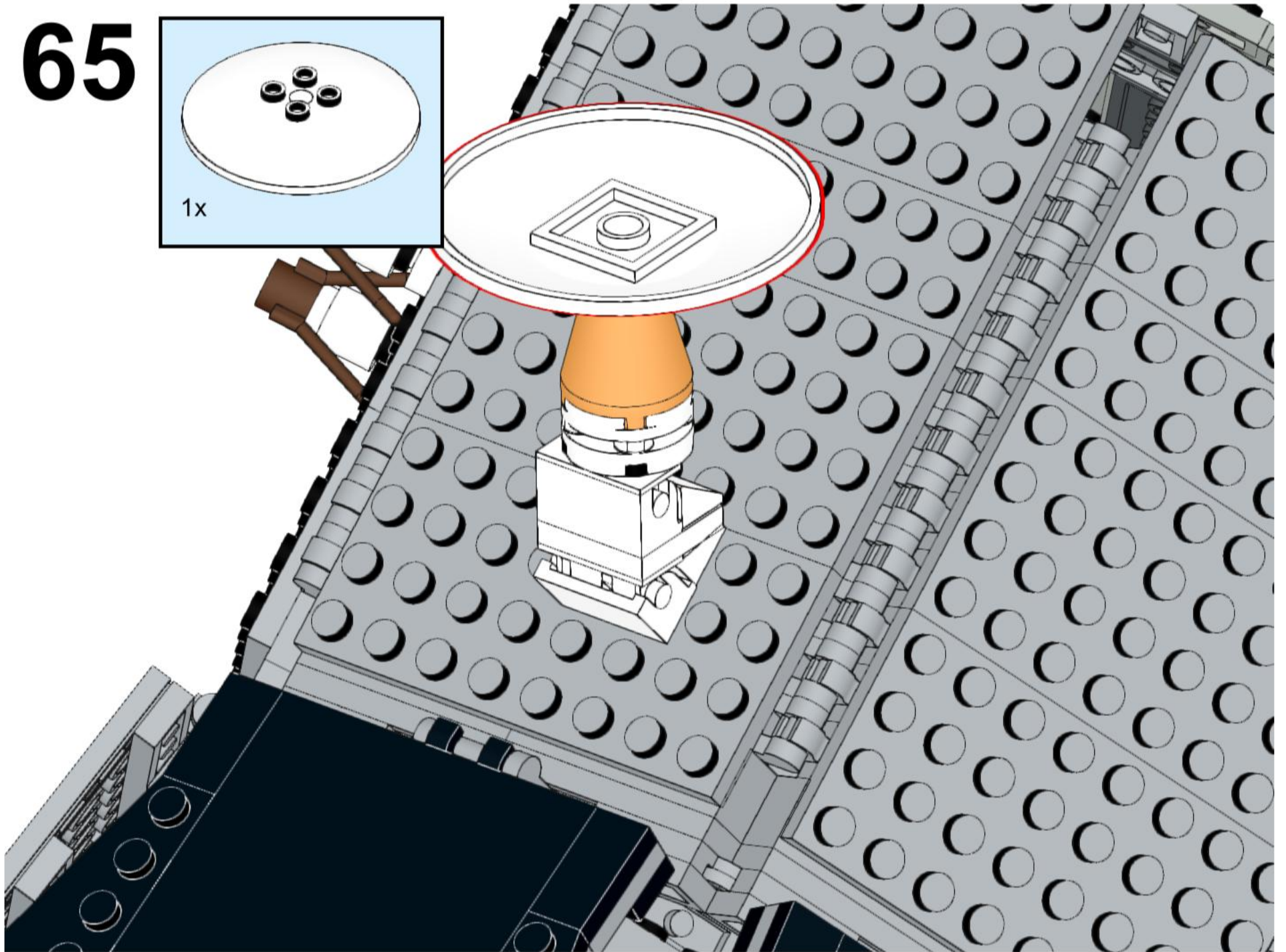
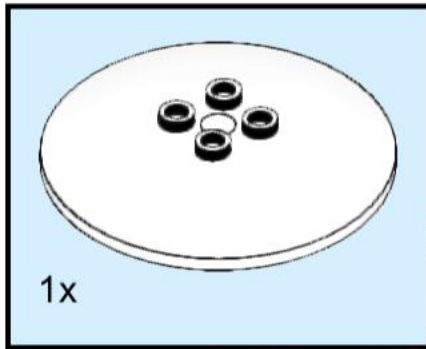
63



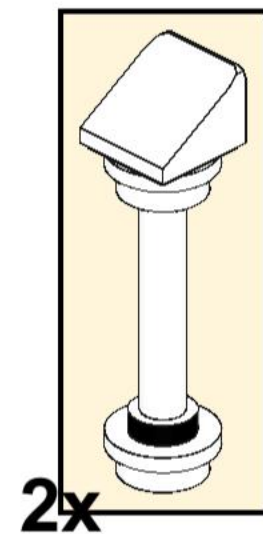
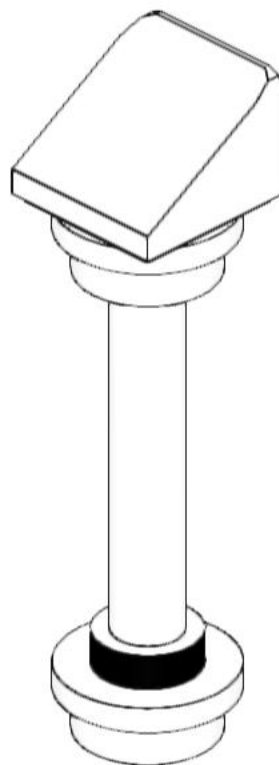
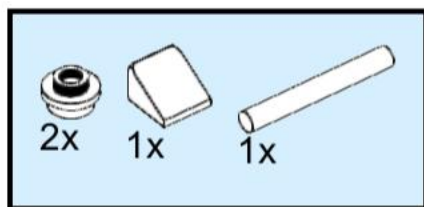
64



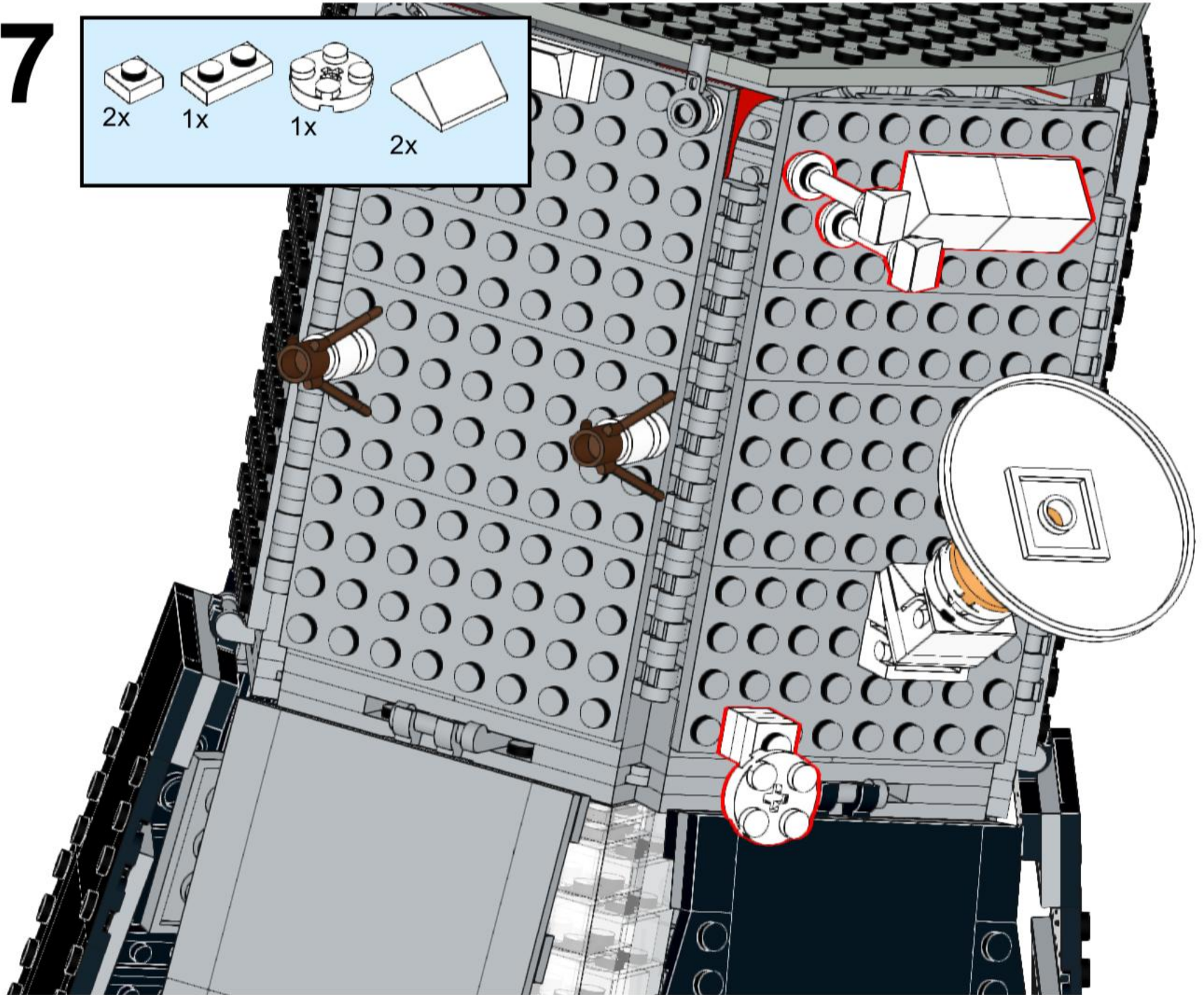
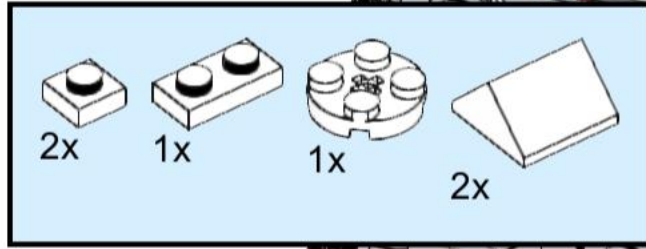
65



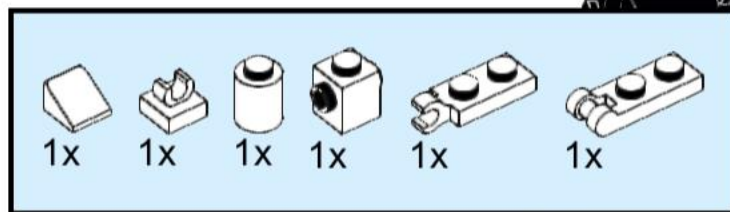
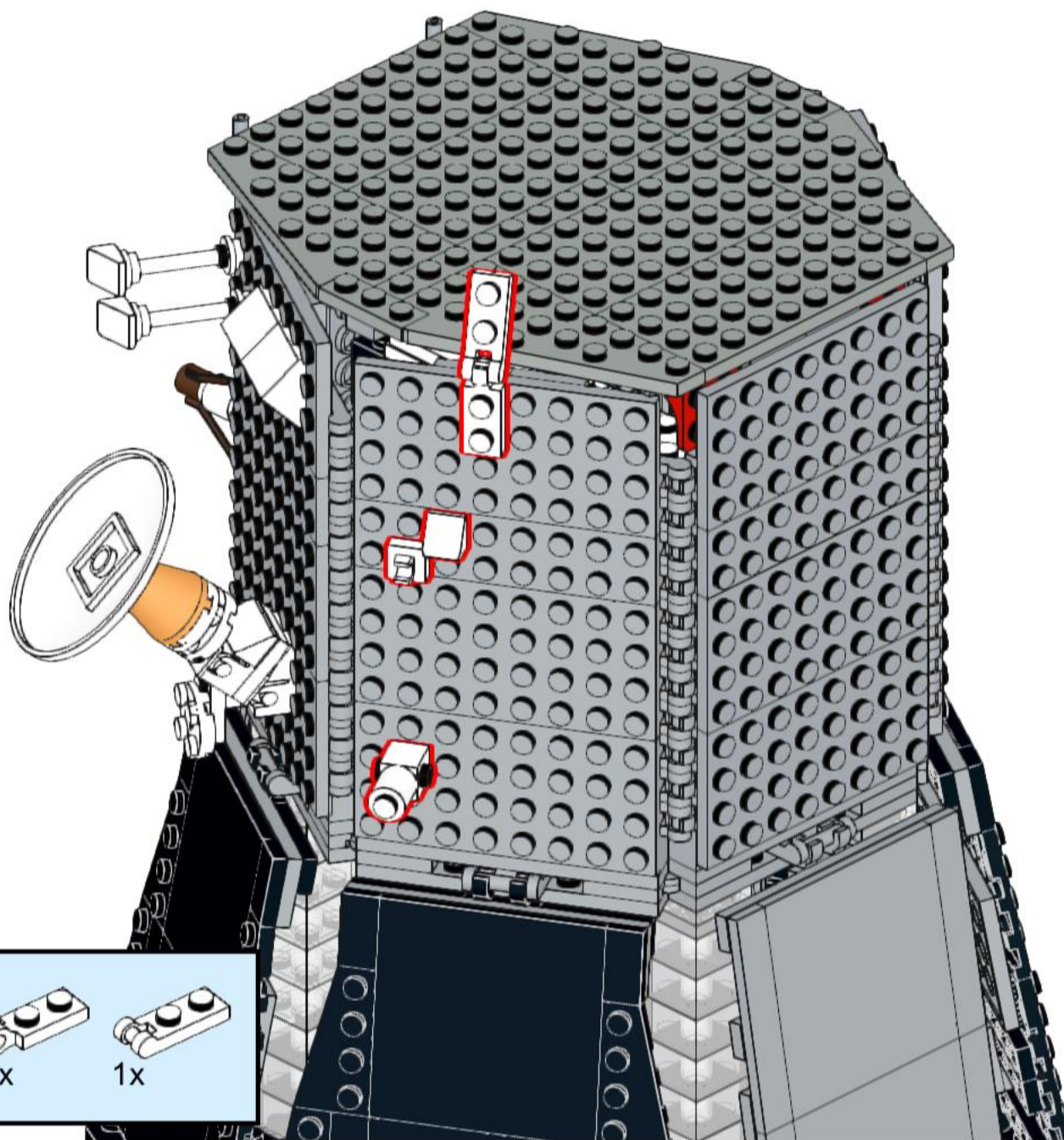
66



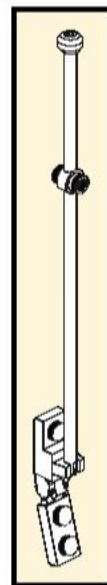
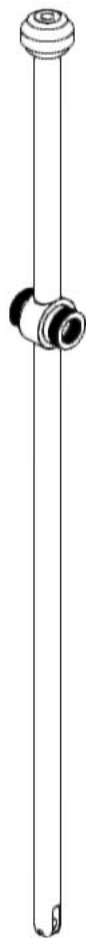
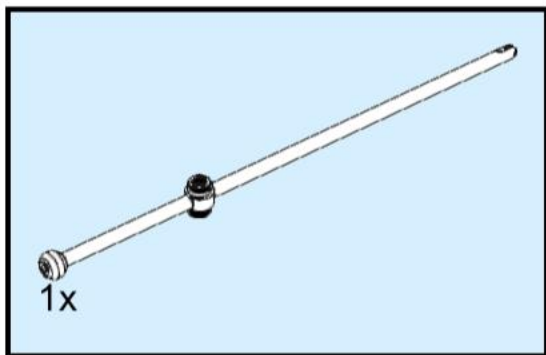
67



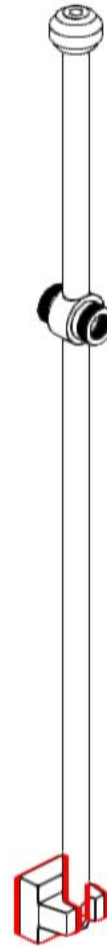
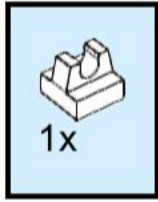
68



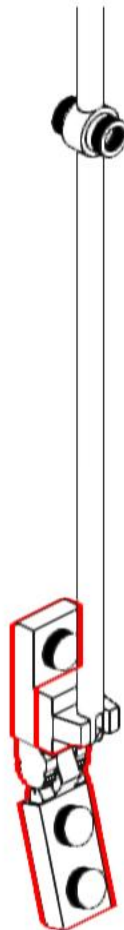
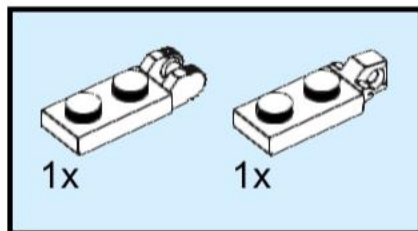
70



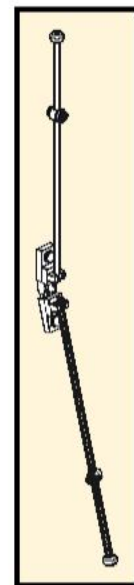
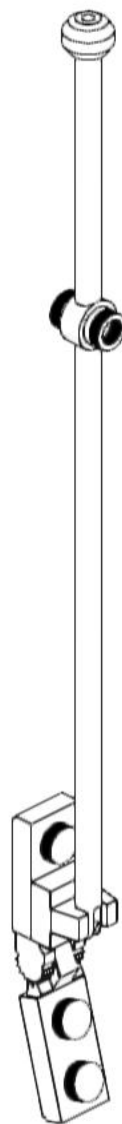
71



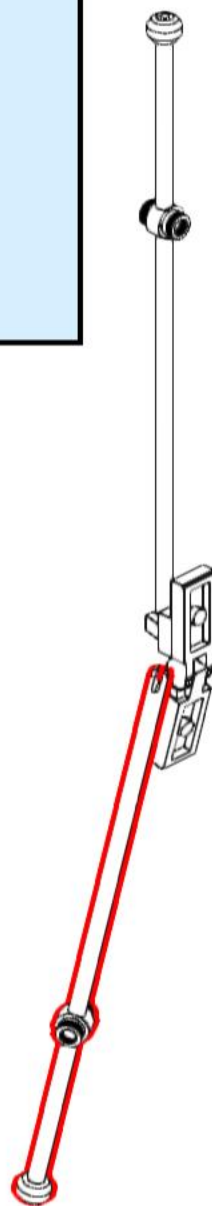
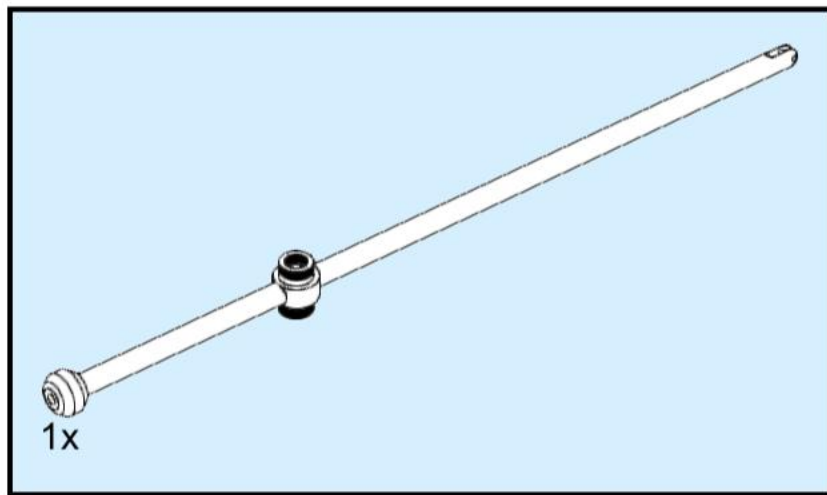
72



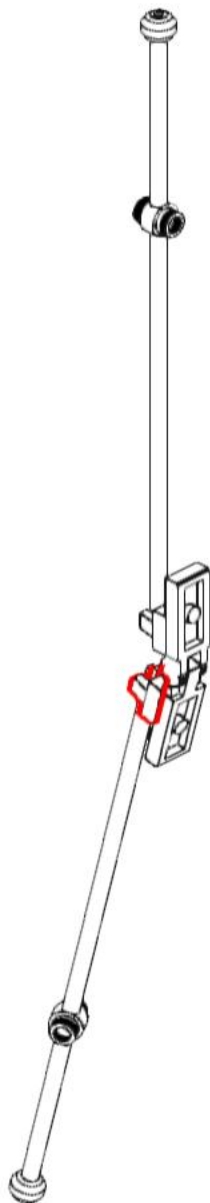
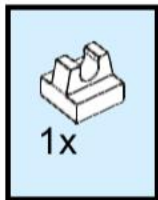
73



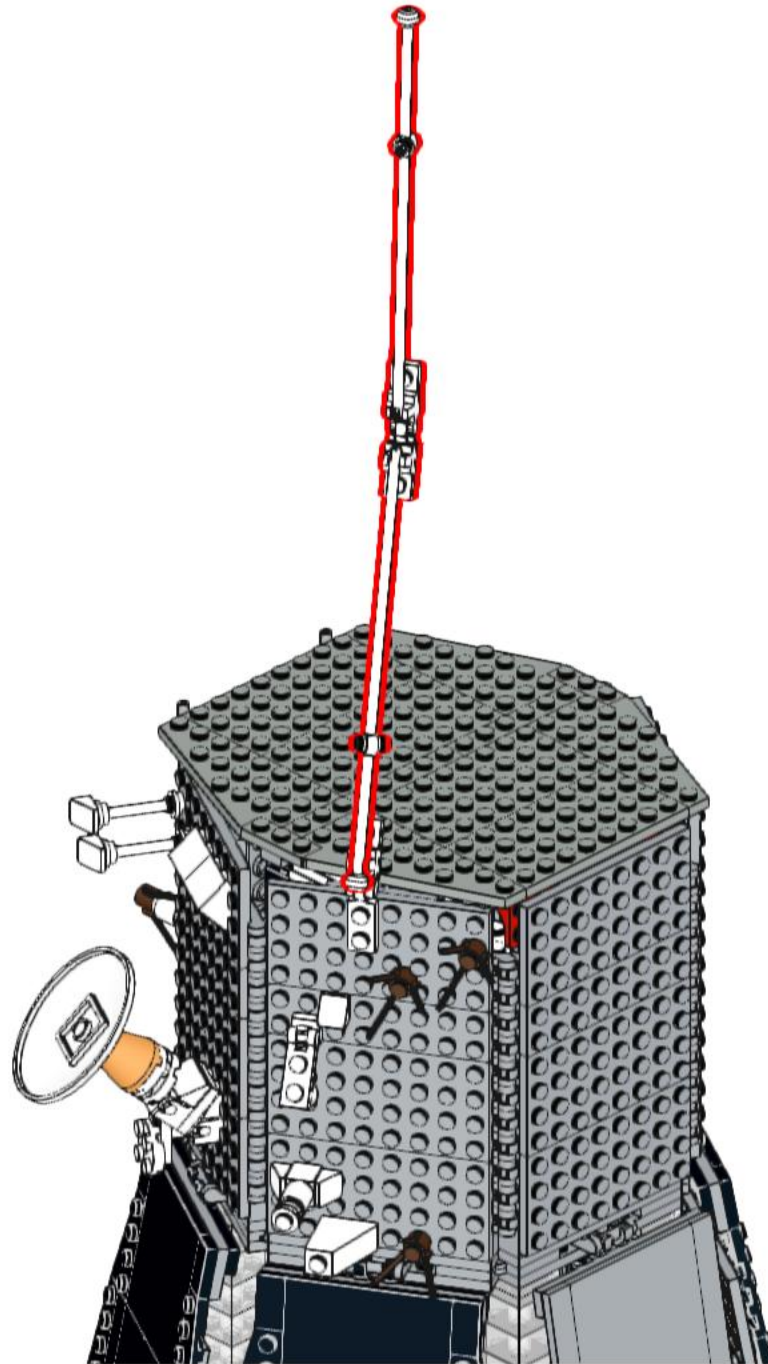
74



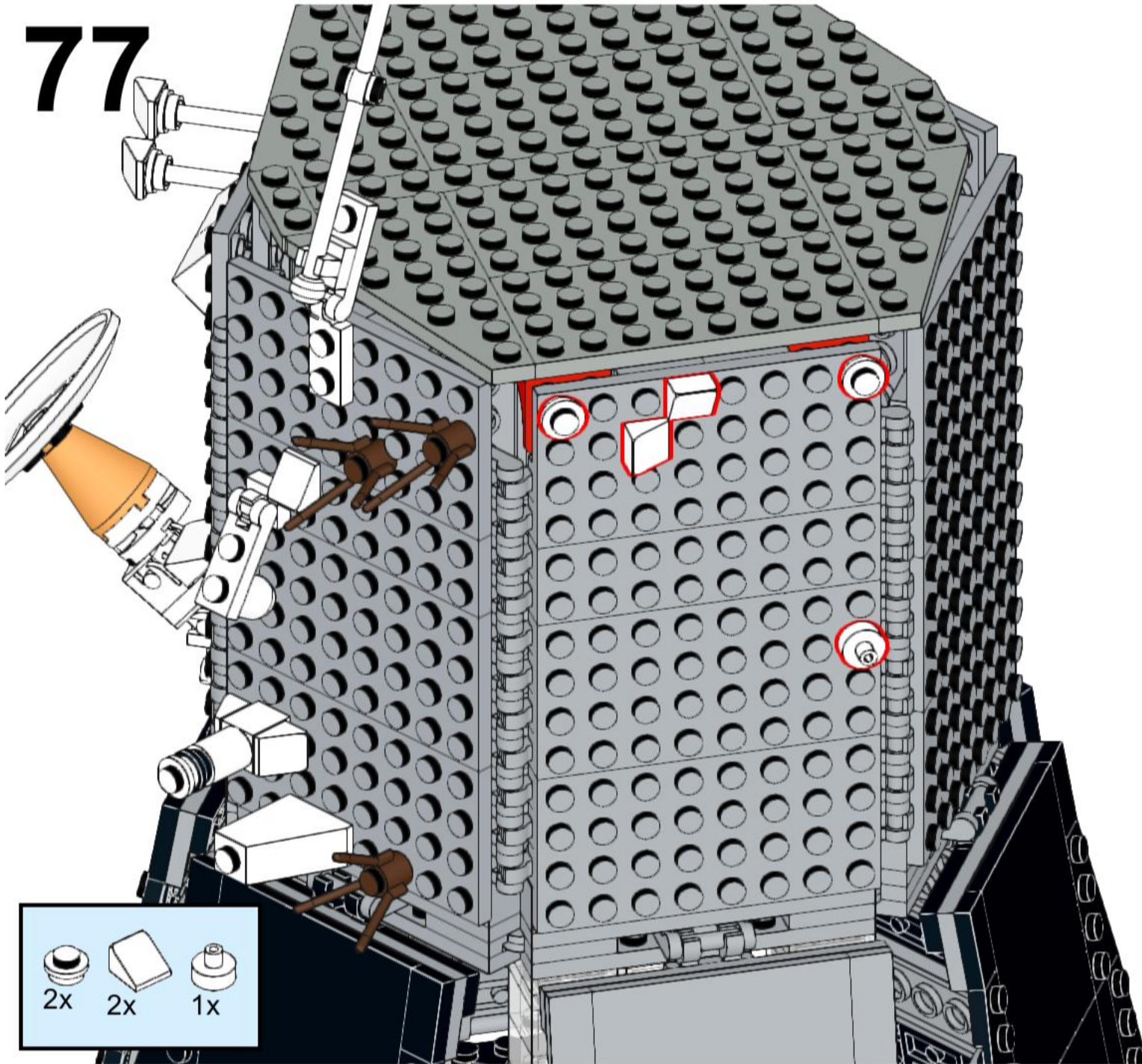
75



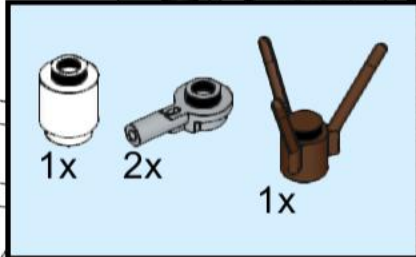
76



77

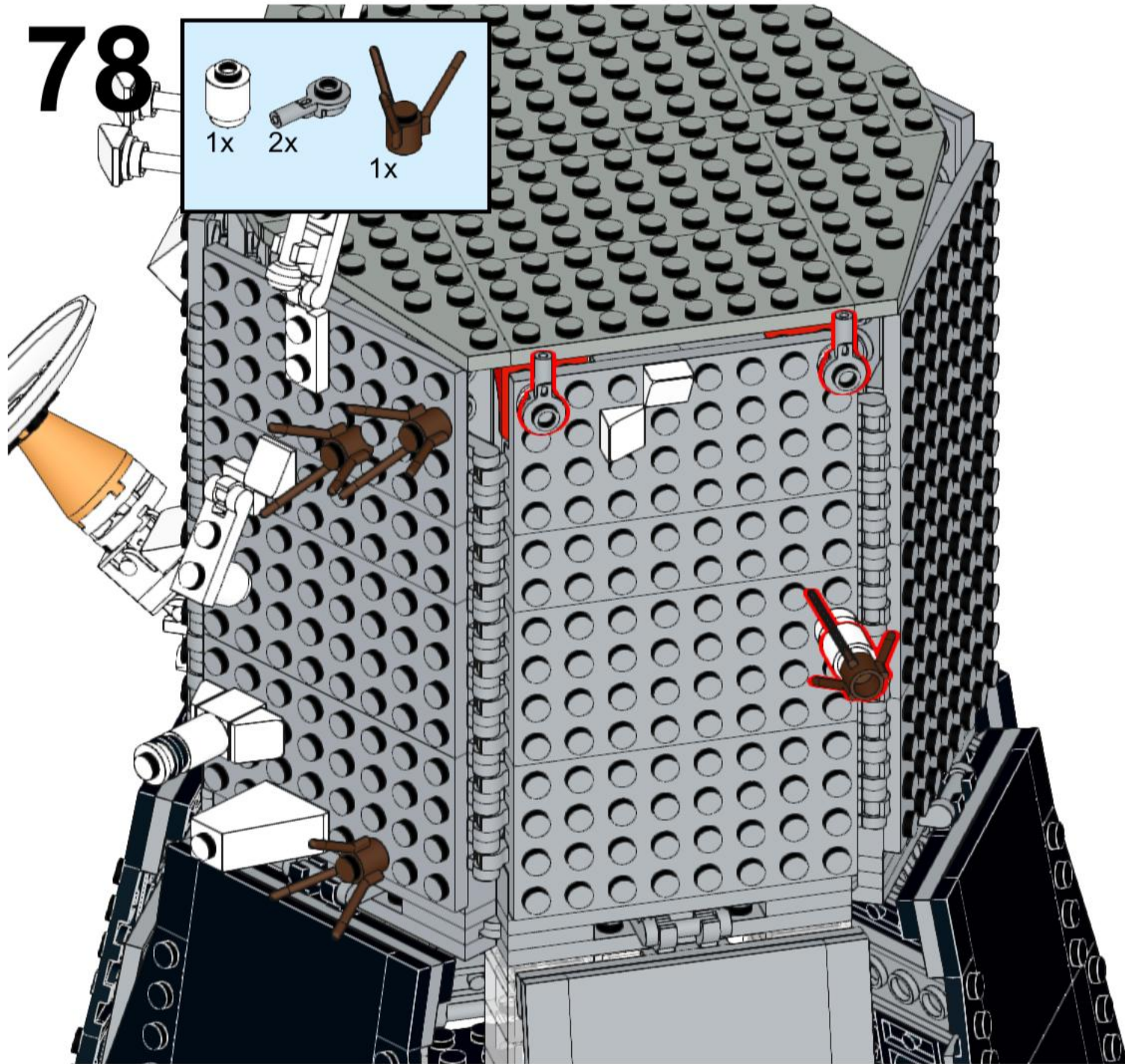


78

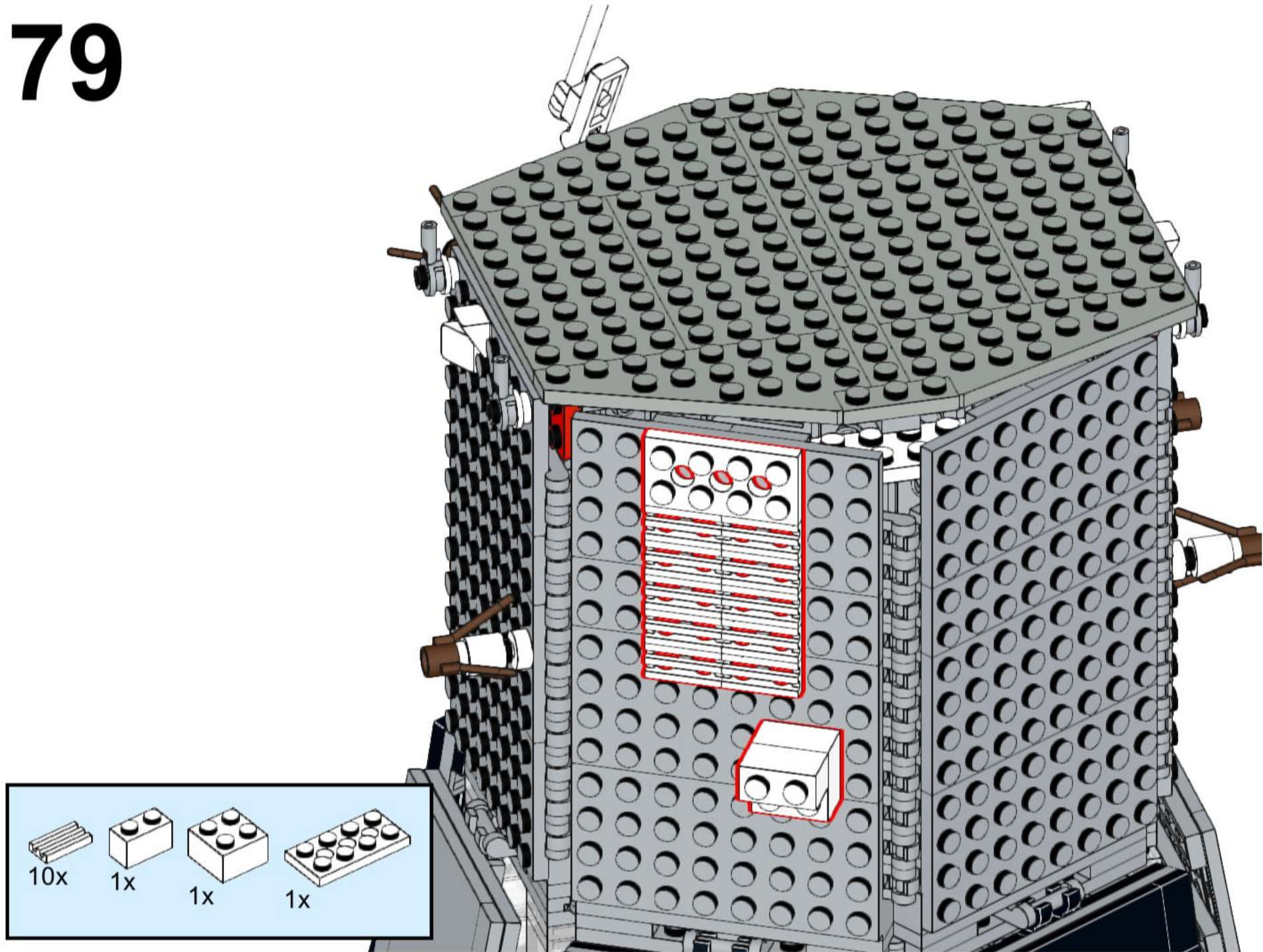


1x
2x
1x

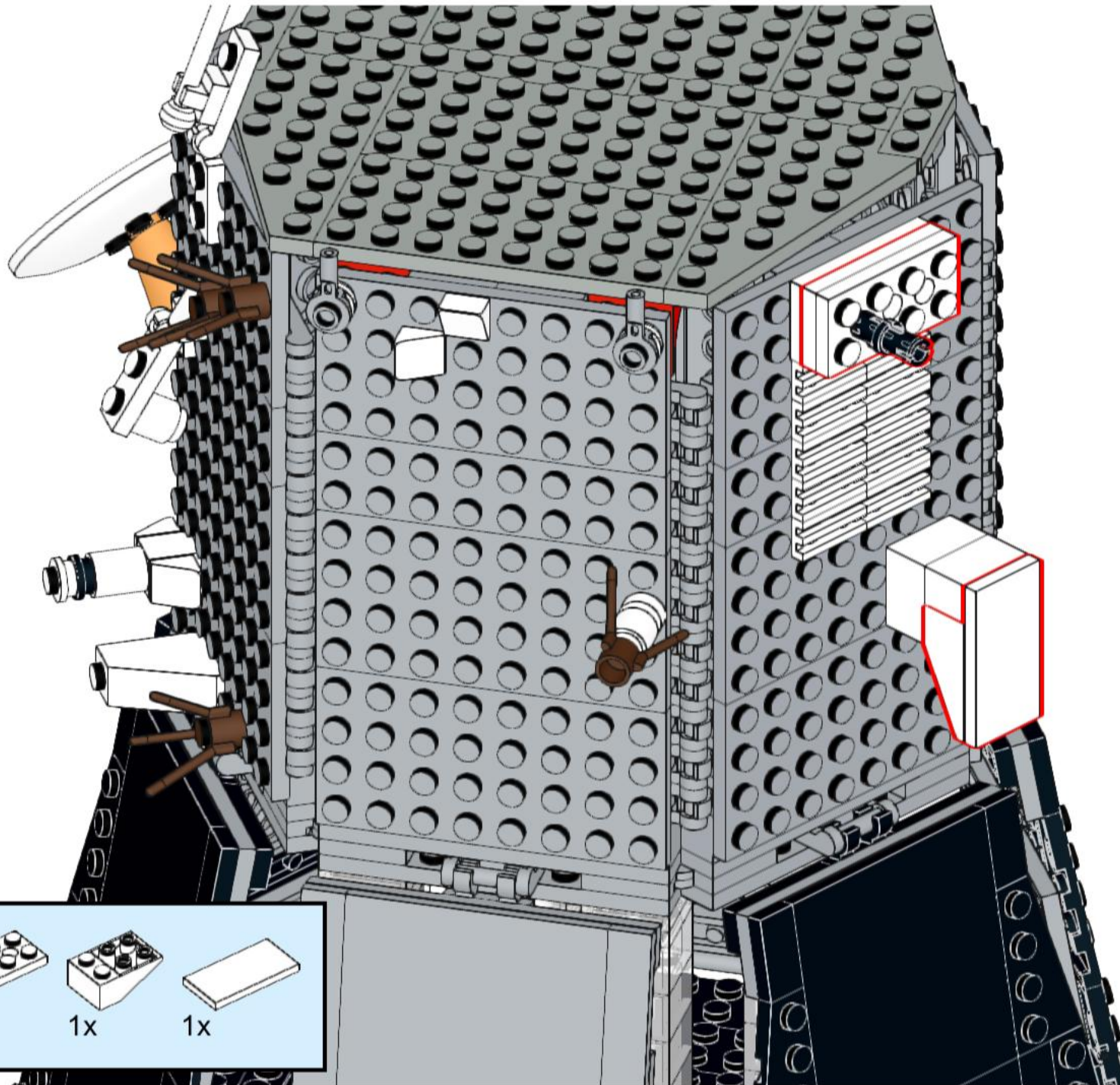
This inset box lists the parts required for step 78: one white axle pin, two grey axle pins, and one brown axle pin.



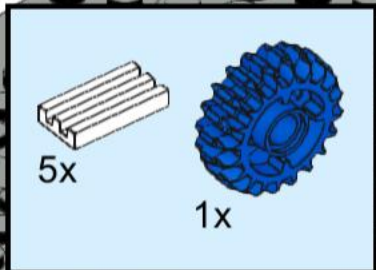
79



80



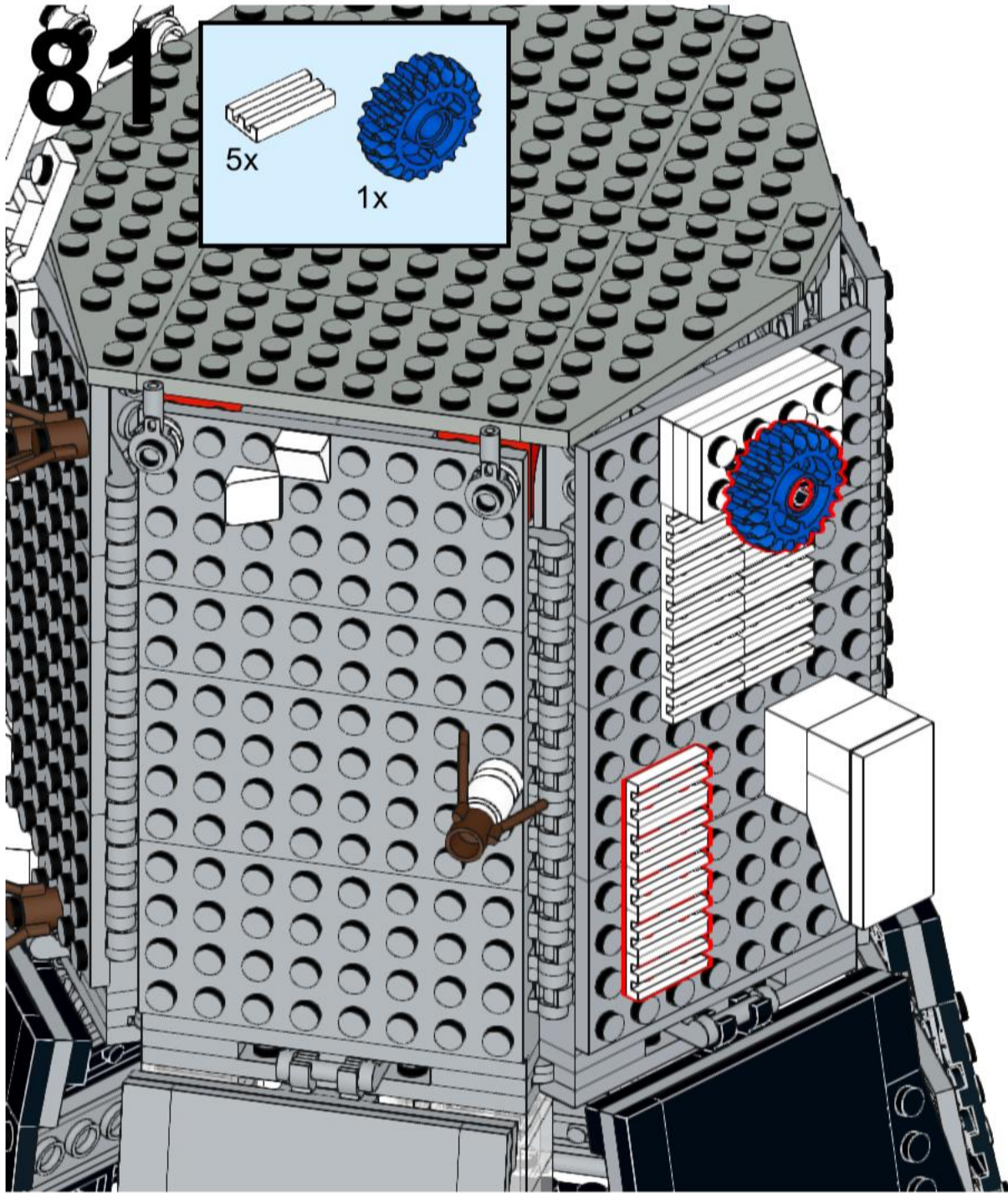
81



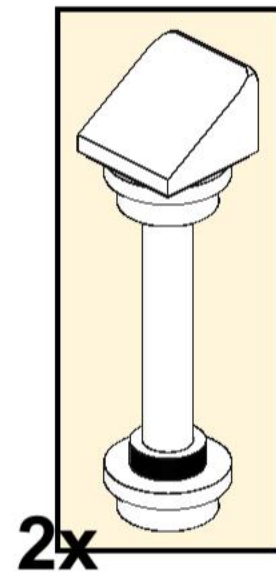
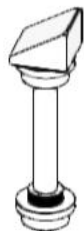
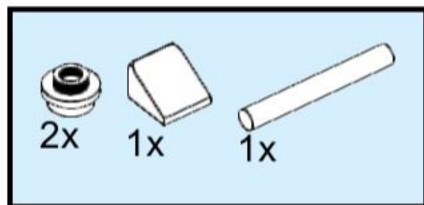
5x

1x

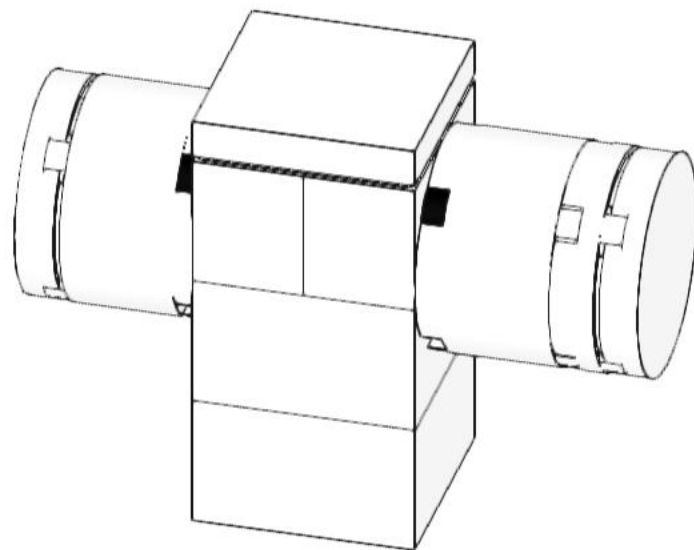
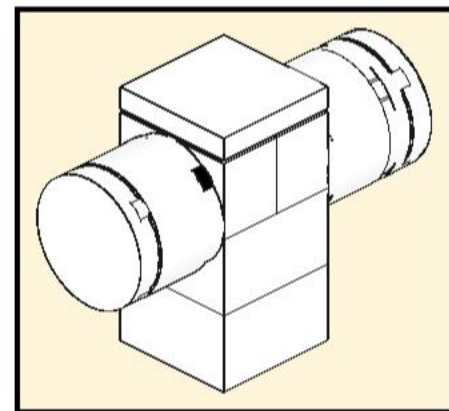
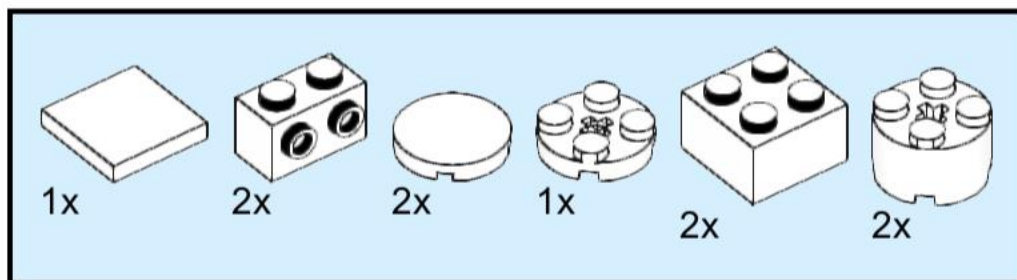
This inset box shows the parts required for step 81: five white Technic axles and one blue Technic gear.



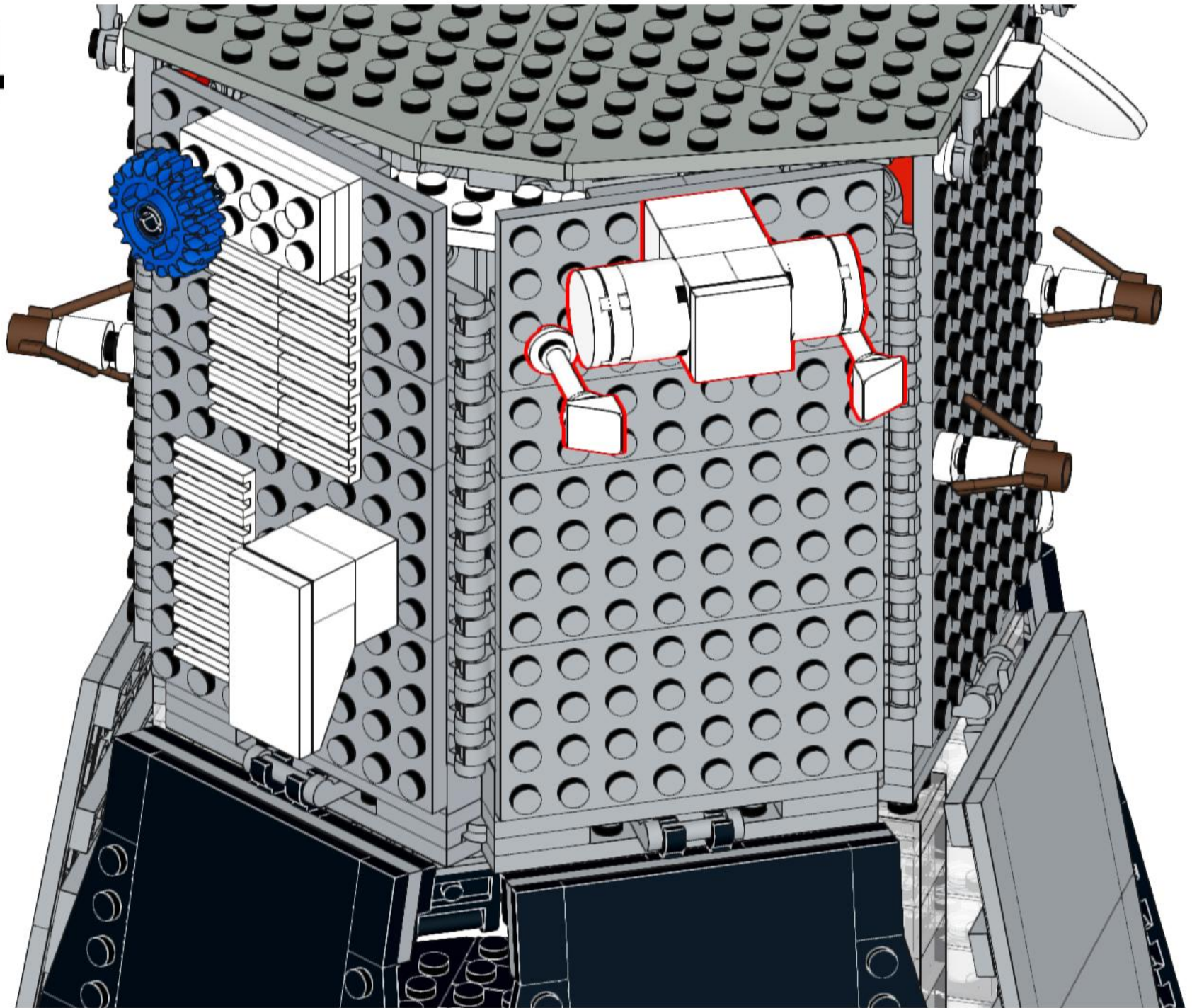
82



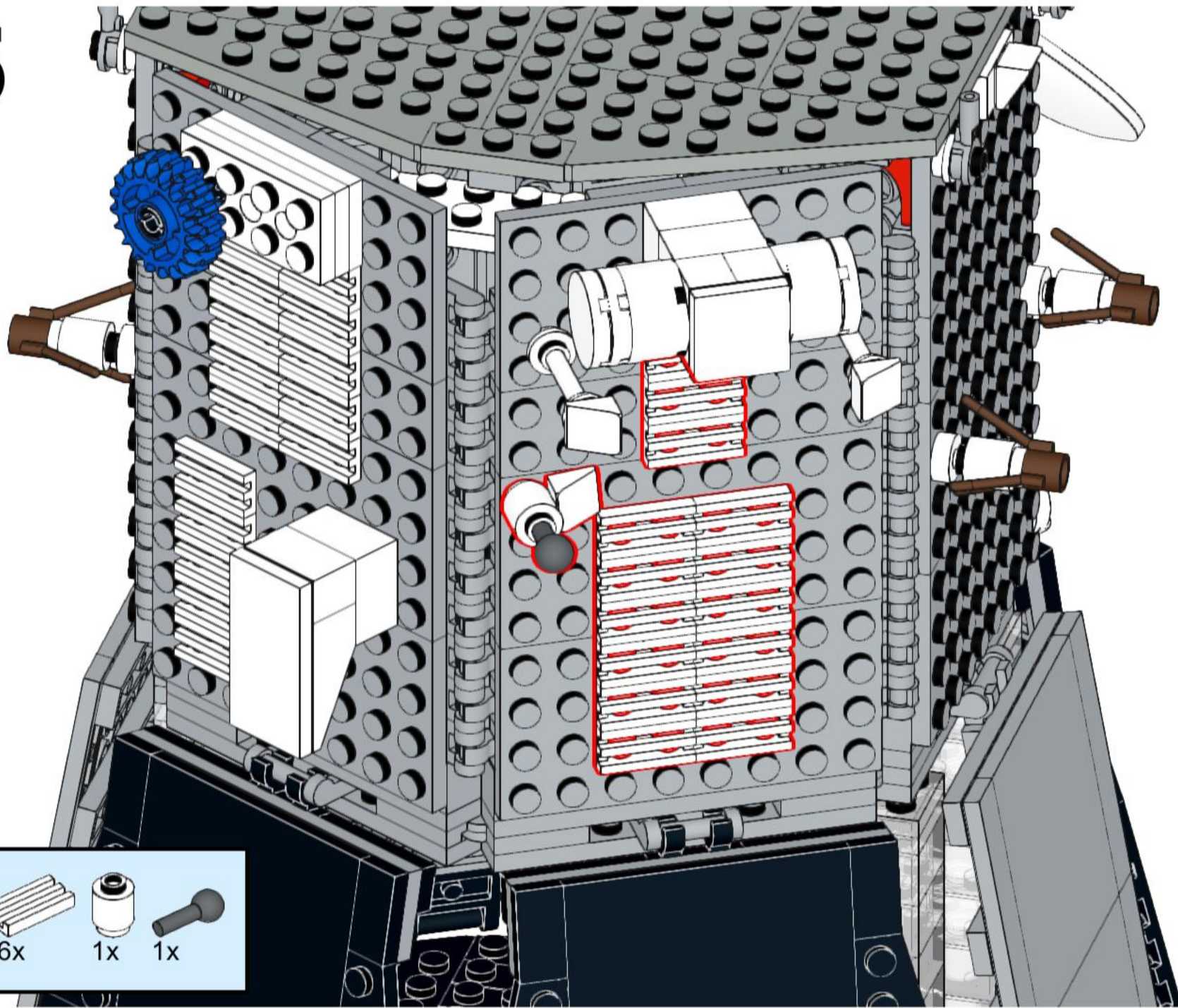
83







84

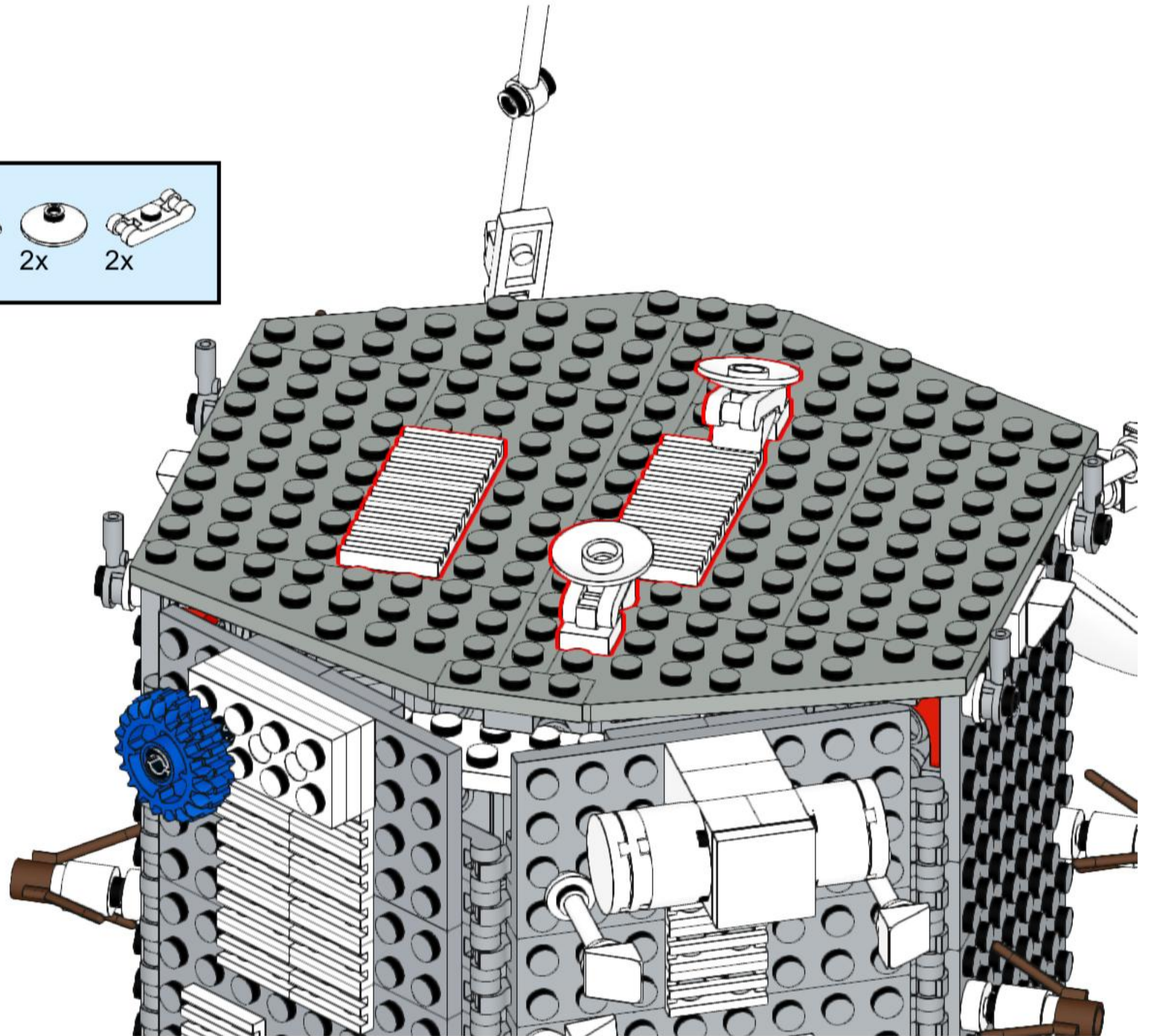
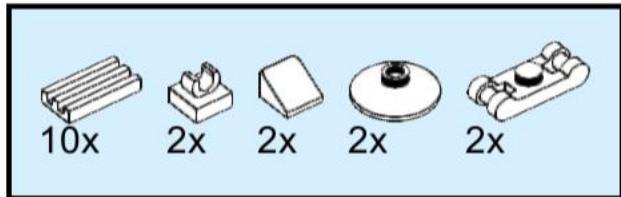


85



			
1x	16x	1x	1x

86



87

