

Keepplay

国玩系列



中国航天
航天·梦

K10219
神舟十五号
载人飞船



图片仅供参考，请以实物为准。



正版授权

航天知识科普

神州飞船

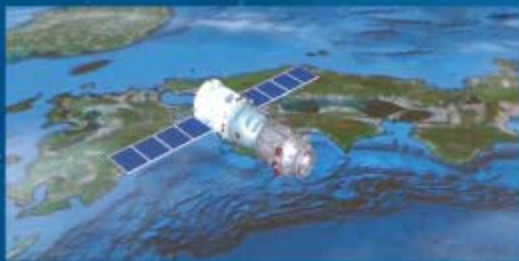
神州十五号

神舟十五号，简称“神十五”，为中国载人航天工程发射的第十五艘飞船。

发射任务：神舟十五号飞行乘组由3名航天员组成，与神舟十四号航天员在轨轮换后，在轨驻留6个月。神舟十五号乘组将实施数次出舱活动，进行舱内载荷设备组装、测试和调试工作，操控机械臂实施舱外载荷安装；对三舱三船最大构型组合体进行运行管理和维护。

神舟十四号飞船发射时，神舟十五号载人飞船也已就位！

这已经是一个“常态化”的操作，与中国载人航天的发射模式存在关系。中国载人航天飞行，安全永远是放在第一位的。在中国进行空间站建设的时候，为了确保航天员的安全，神舟飞船和长征二号F火箭都采取了一主一备的模式，备份火箭和飞船具备快速发射和应急救援的能力。这就是中国的航天模式，每当有一艘神舟飞船执行任务，都会有一艘飞船在发射场待命，随时准备应急救援，这种一主一备的模式已成为我国空间站任务的常态。



• 待组装的神舟飞船

图一片来源：2022年6月5日CCTV13央视新闻 新闻报导视频截图。

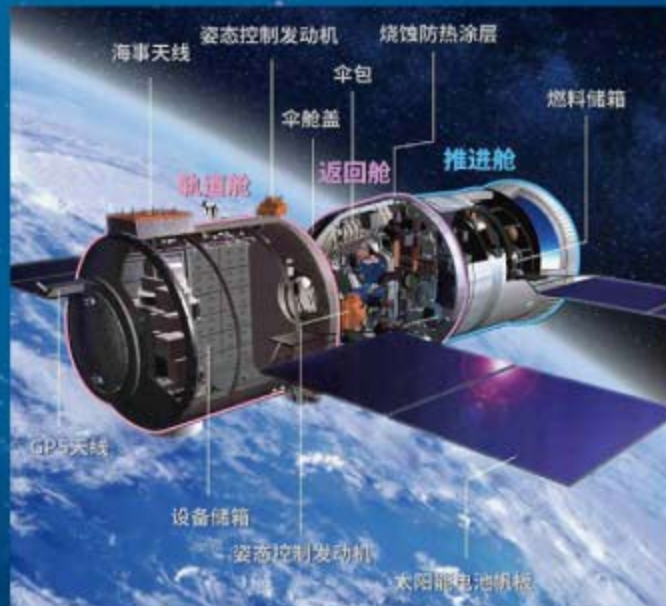
图二片来源：2022年6月5日CCTV焦点访谈的微博【一年两艘，批量化生产怎样“变现”？“神箭”幕后故事揭秘】视频截图。

神舟系列载人飞船

神舟系列载人飞船由专门为其研制的长征二号F运载火箭发射升空，采用三舱一段，即由返回舱、轨道舱、推进舱和附加段构成，由13个分系统组成。

神舟飞船结构示意图

原型参考：《兵器知识》杂志



轨道舱

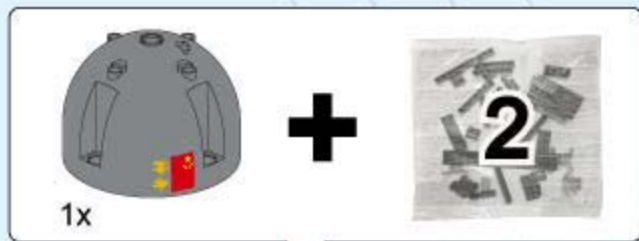
轨道舱是一个圆柱体，总长度为2.8米，最大直径2.27米，称为“多功能厅”，集工作、吃饭、睡觉和清洁等诸多功能于一体。

返回舱

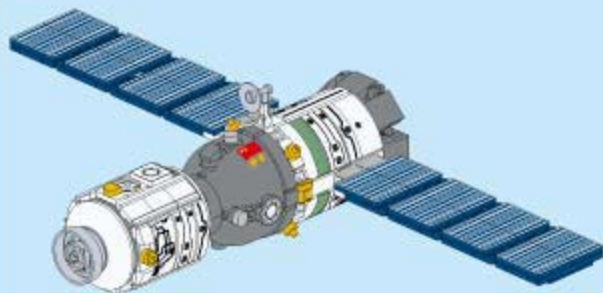
返回舱又称座舱，长2.00米，直径2.40米(不包括防热层)。它是航天员的“驾驶室”。是航天员往返太空时乘坐的舱段，为密闭结构，前端有舱门。

推进舱

推进舱又叫仪器舱或设备舱。推进舱长3.05米，直径2.50米，底部直径2.80米。安装推进系统、电源、轨道制动，并为航天员提供氧气和水。

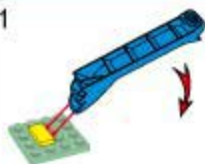






拆件器使用方法，仅为示例
Usage of Brick Separator, Just for the sample

1



3



2



4



1



1x



1x



1x



8 1:1

2



2x



3



1x



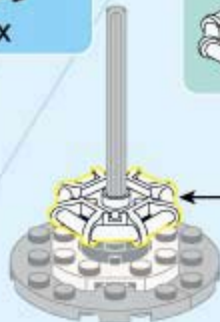
4



1x



1x



5



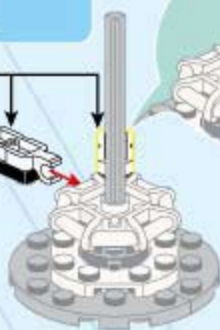
2x



2x



2x



6



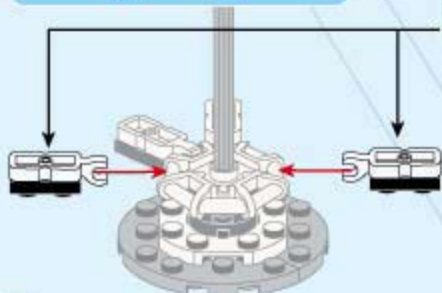
2x



2x



2x



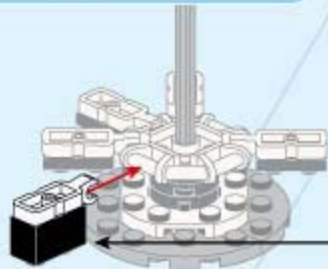
7



1x



1x



8



9



10



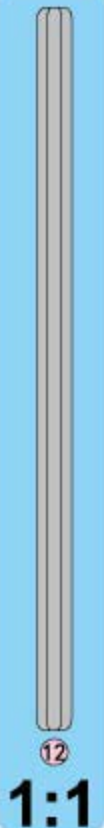
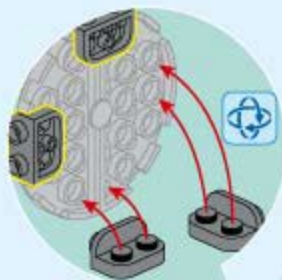
11



12



13

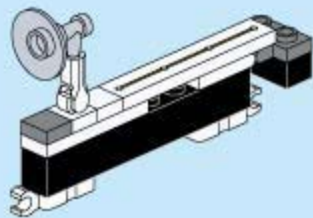


1:1

14



4x



15

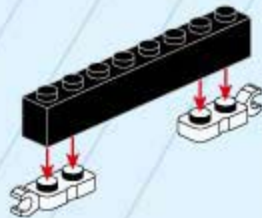


1x

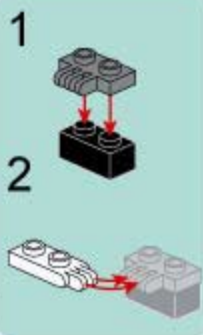
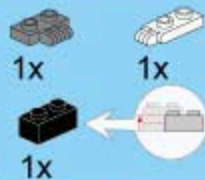
1x8



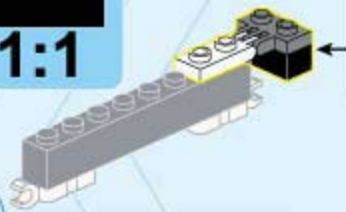
2x



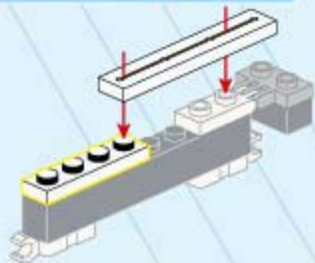
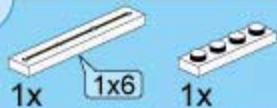
16



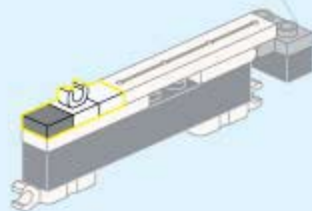
1:1



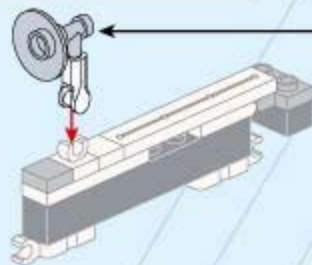
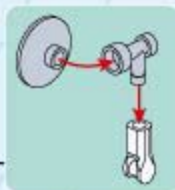
17



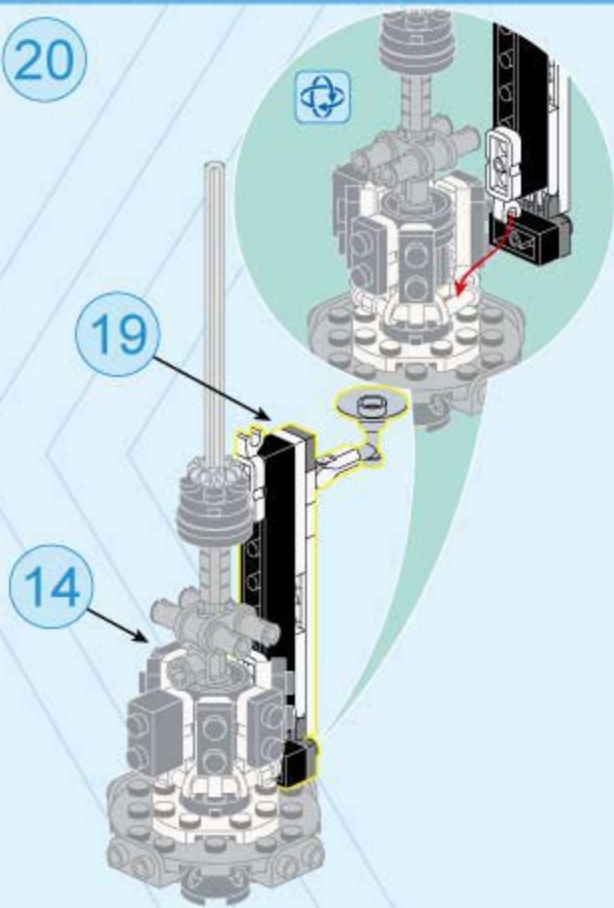
18



19



20



A 2x

21



2x



1x



1x



12

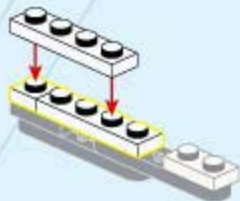
22



2x



1x



23



1x

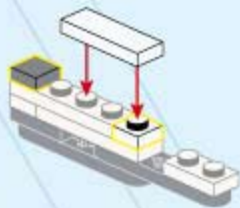
1x3



1x



1x



24



1x



1x



1x

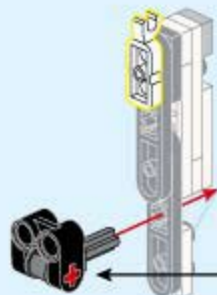
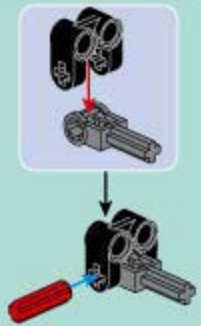


1x

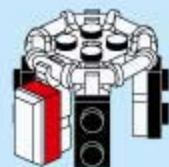
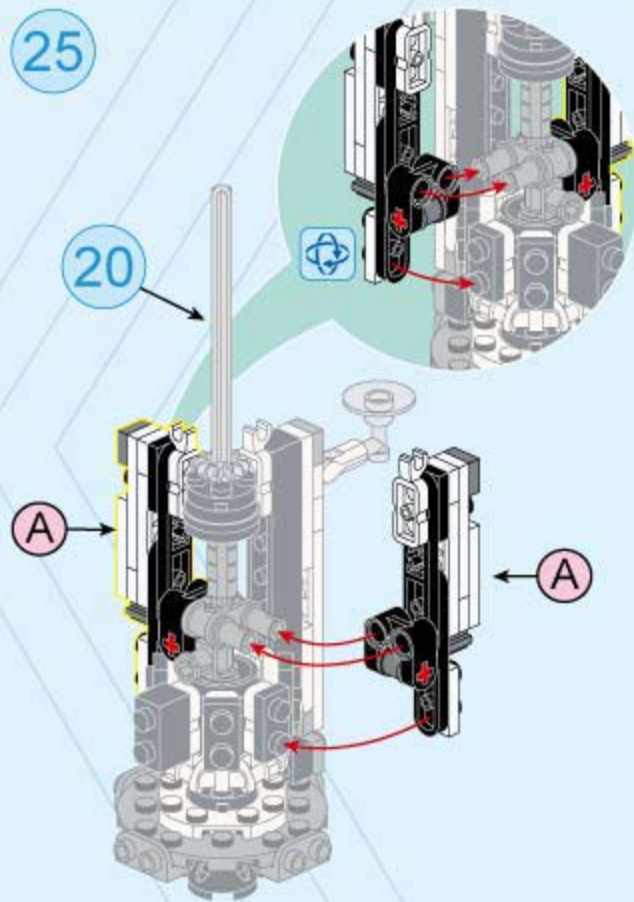


2

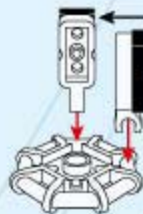
1:1



25



26



27

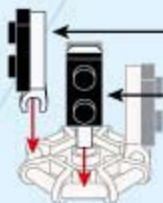


2x

2x



2x



28



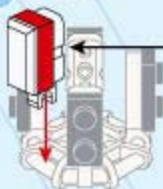
1x

1x

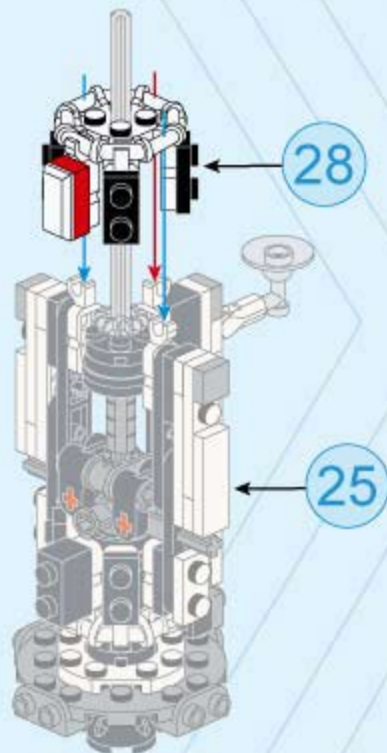
1x



1:1



29



30



1x



1x



1x



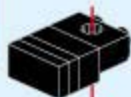
1x



1x



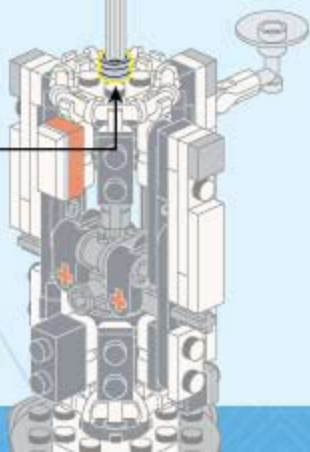
1:1



1



2



31



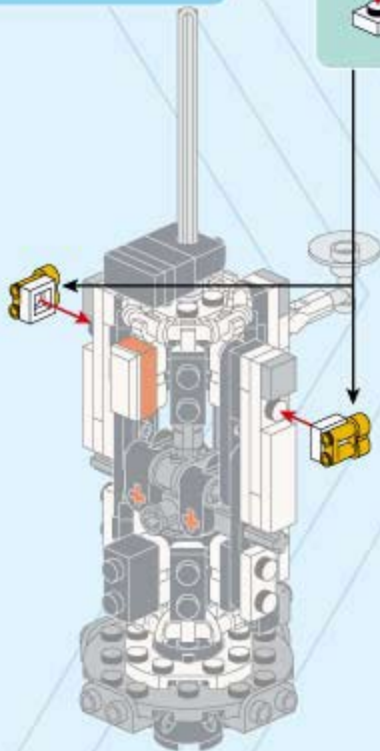
2x



2x



2x



32



1x



1x



1x



2x

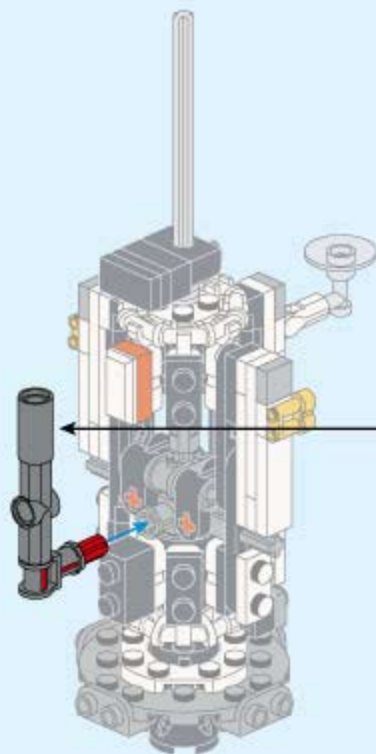


1x

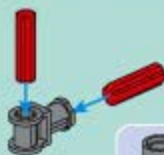


2

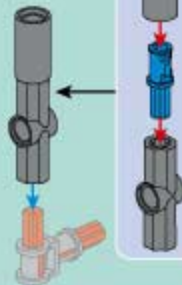
1:1



1



2





B 2x

33



1x

1x

1:1



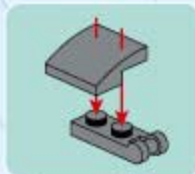
34



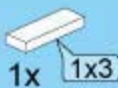
1x

1x

1x

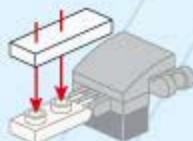


35



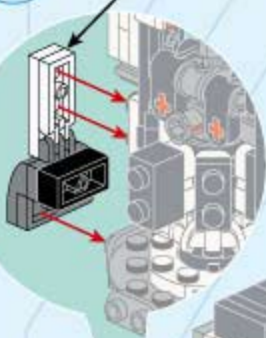
1x

1x3

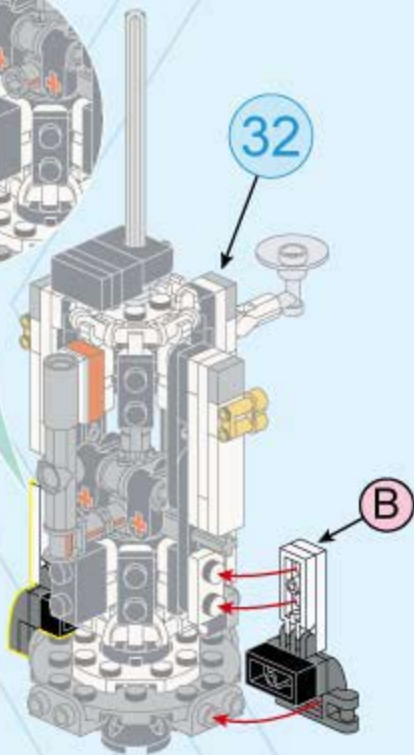


36

B

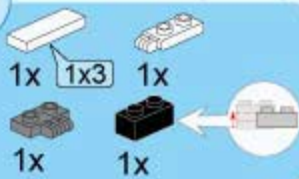


32

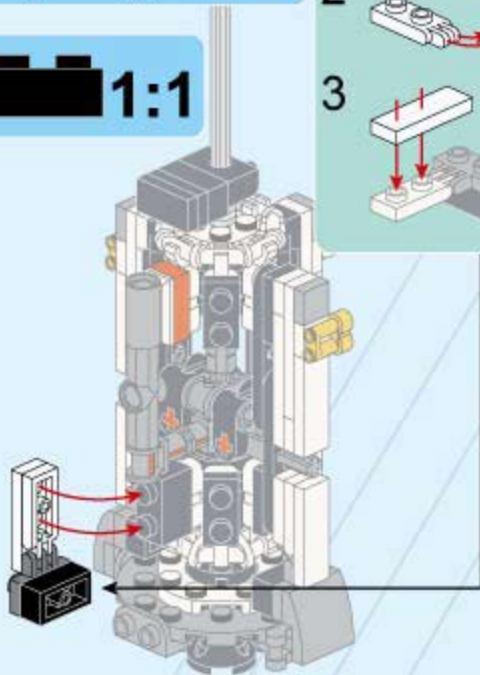


B

37



1:1



1



2



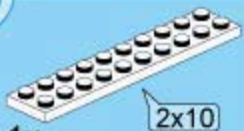
3





C 2x

38



1x

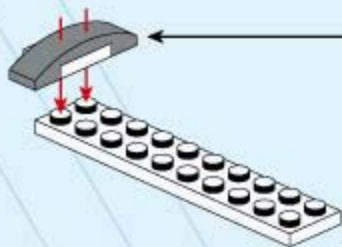
2x10



1x



1x



39



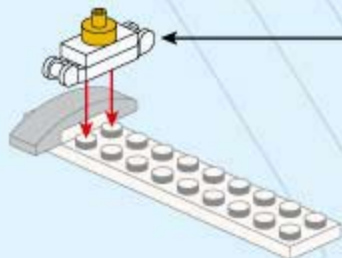
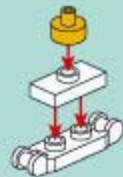
1x



1x



1x



40

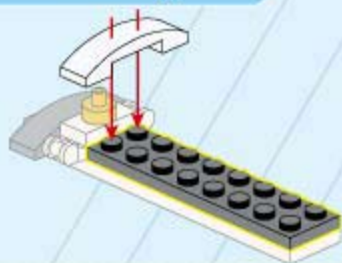


1x

2x8



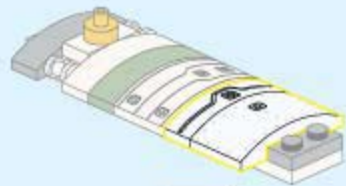
1x



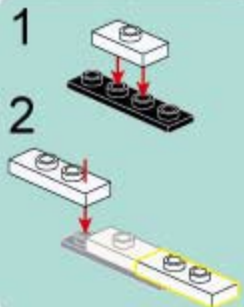
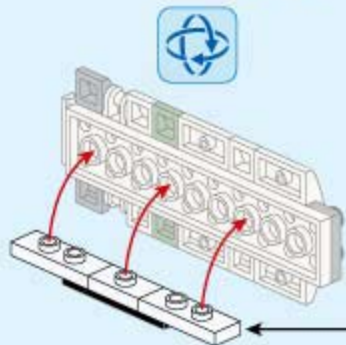
41



42

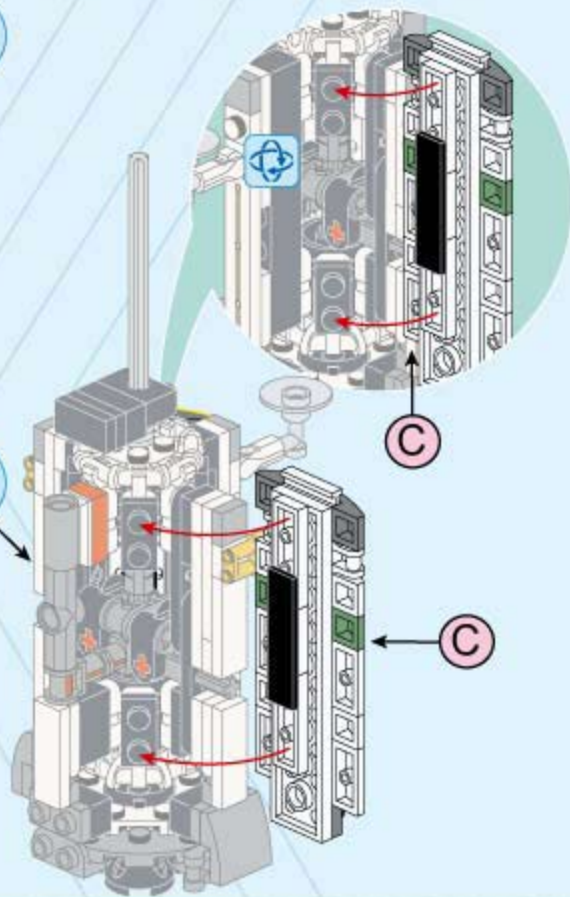


43

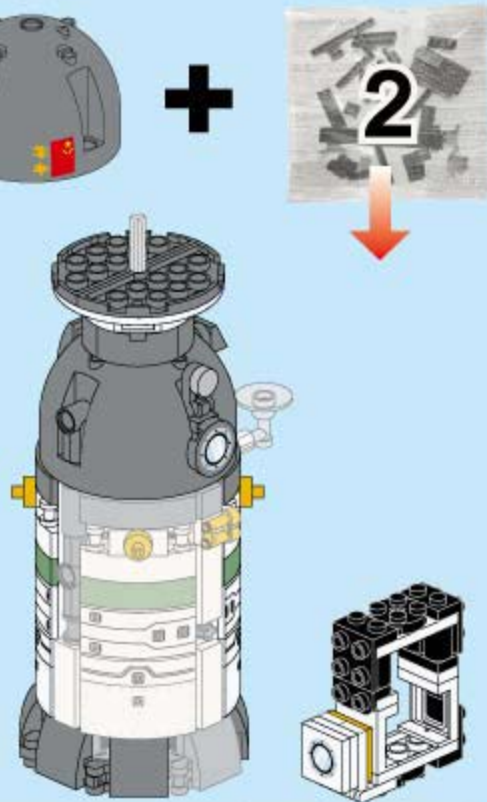


44

37



1x

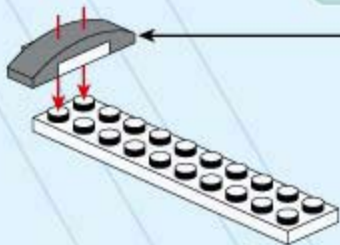
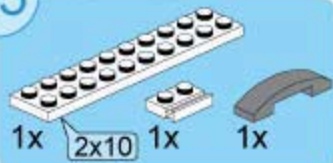


22

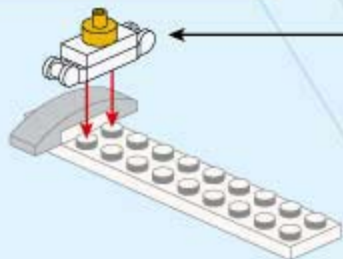
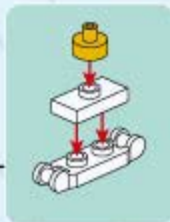


D 2x

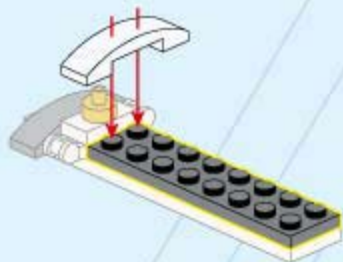
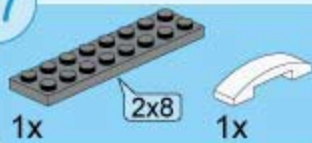
45



46



47

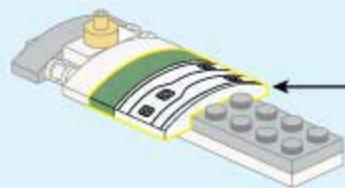


48



1x

1x



49



1x

1x



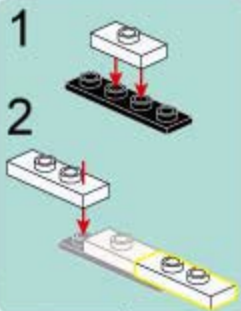
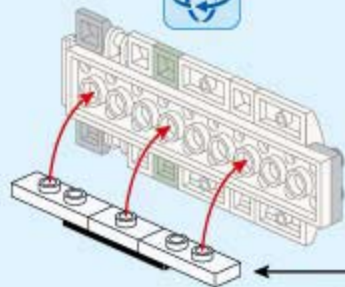
50



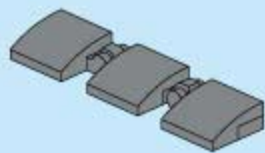
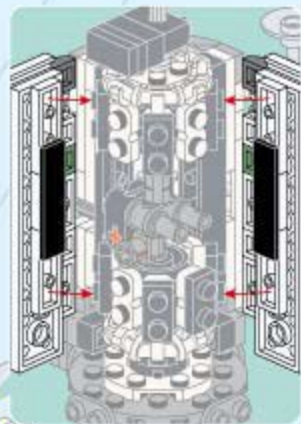
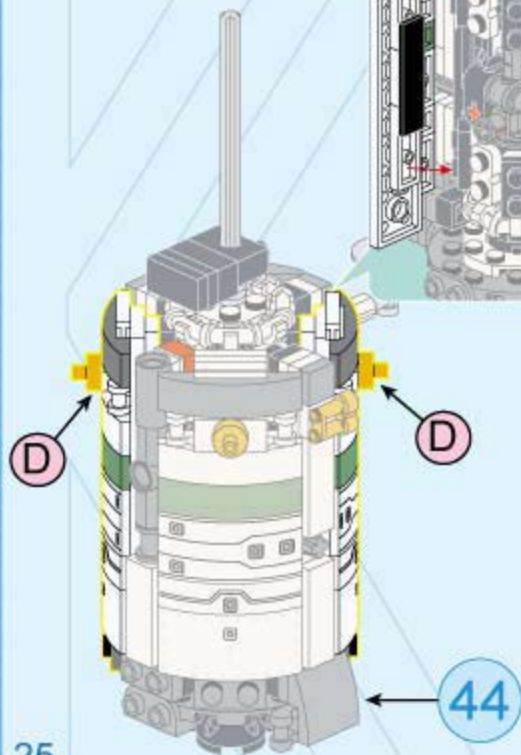
1x

2x

1x



51



E 2x

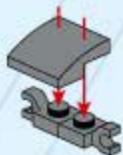
52



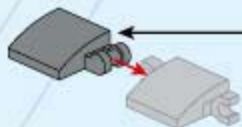
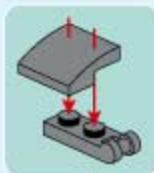
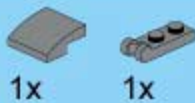
1x



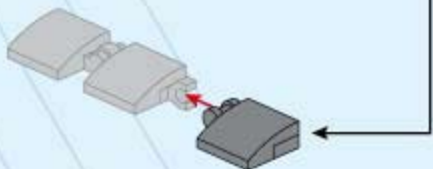
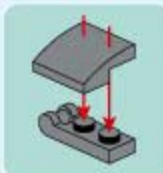
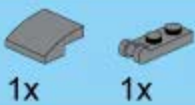
2x



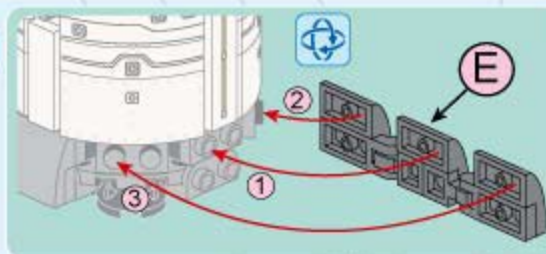
53



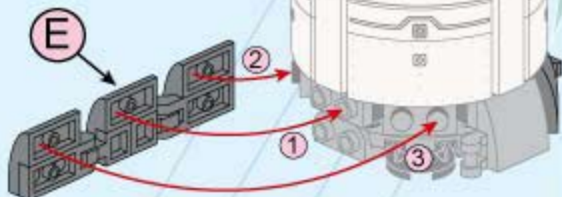
54



55



51





56



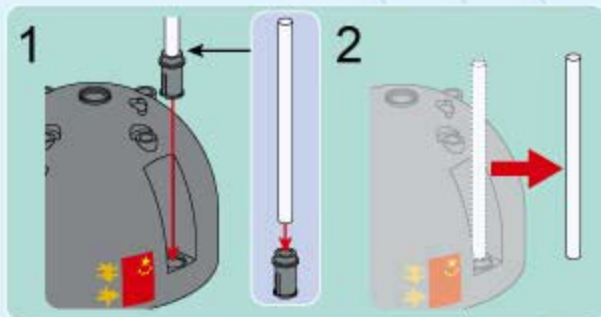
1x

3x

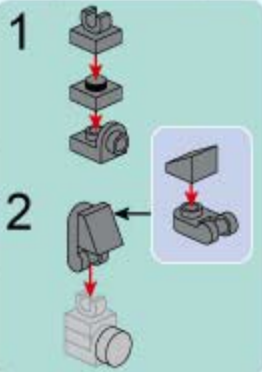
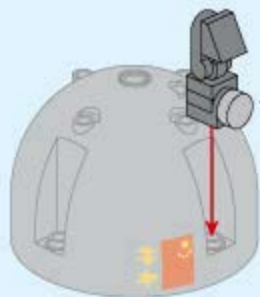


1x

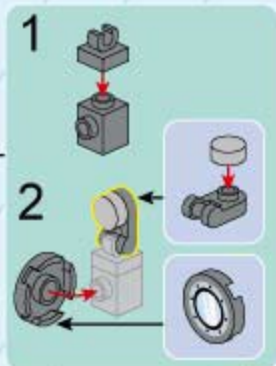
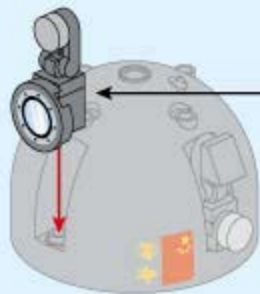
圆轴为辅助安装工具
The circular axle is the
installation tool



57



58



59



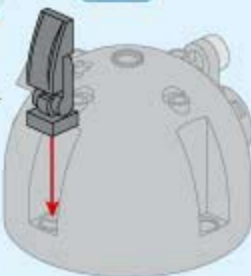
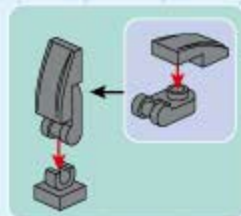
1x



1x



1x



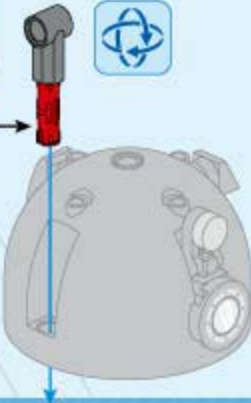
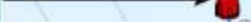
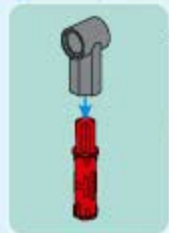
60



1x



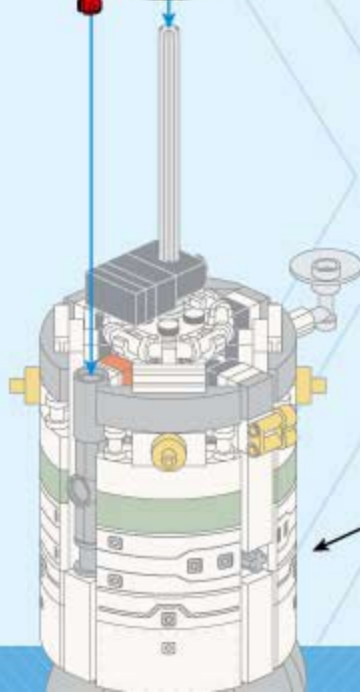
1x



61



60



55

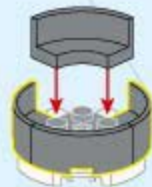




63



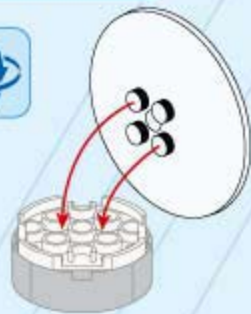
4x



64



1x



62



1x



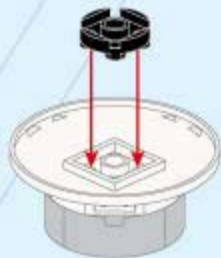
1x



65



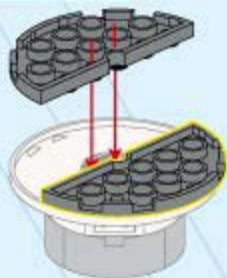
1x



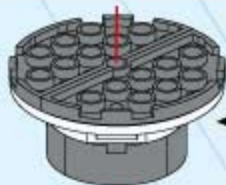
66



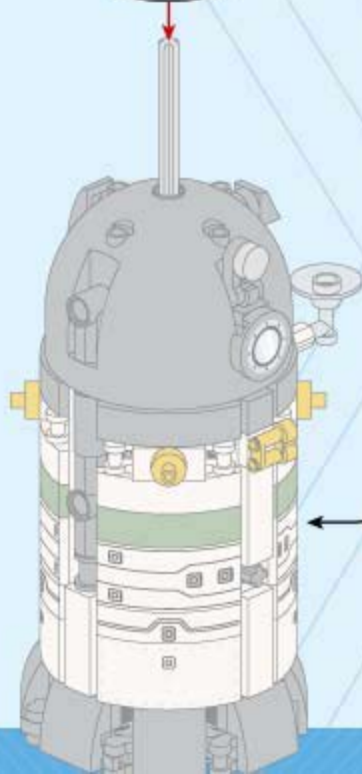
2x



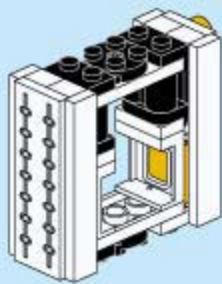
67



66



61



68



1x



1x



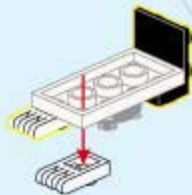
69



1x



2x



70



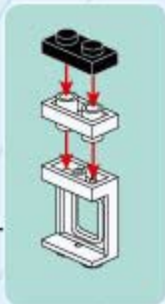
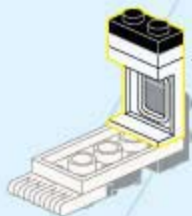
1x



1x



1x



71



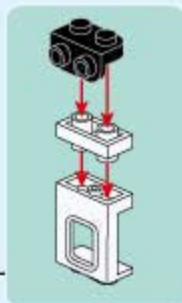
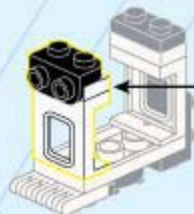
1x



1x



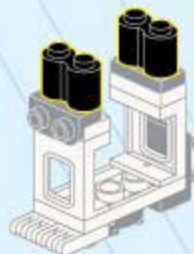
1x



72



2x



73



1x



74



2x



1x



75



1x



1x



2x



1x

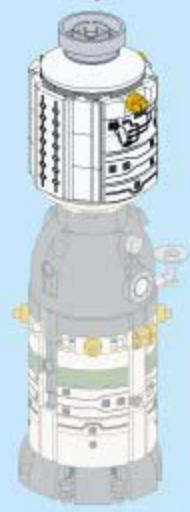
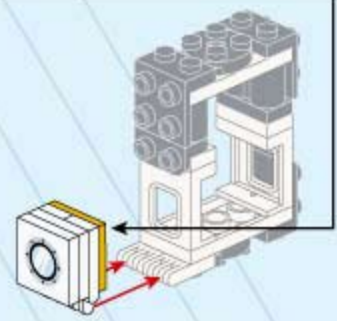
1



2



3



76



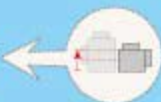
1x



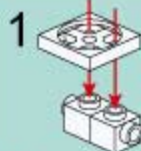
1x



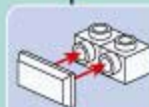
4x



1:1



2



77



1x



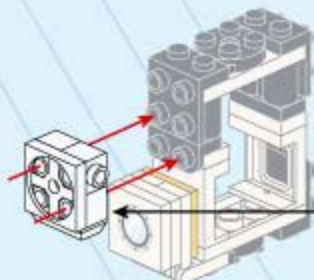
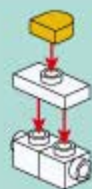
1x



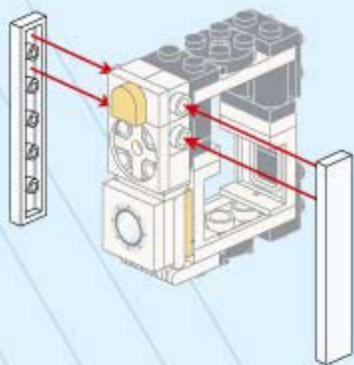
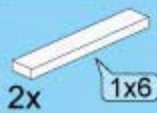
2x



1:1



78



79



80



81



1x

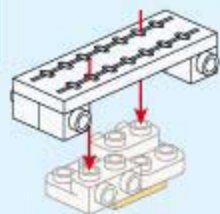
2x6



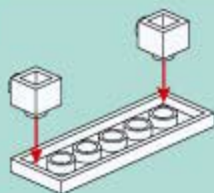
4x



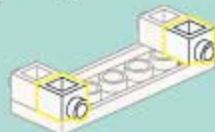
1:1



1



2

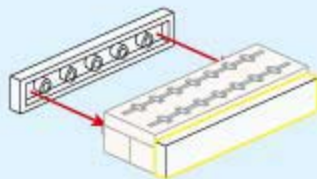


82



2x

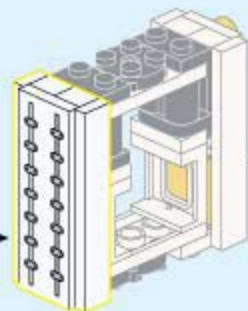
1x6



83

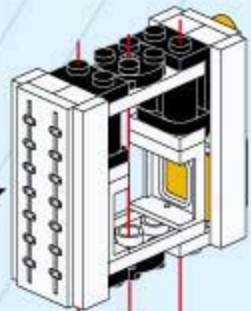


82



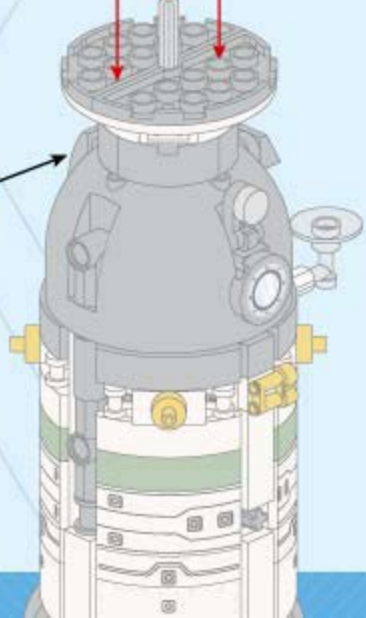
78

84

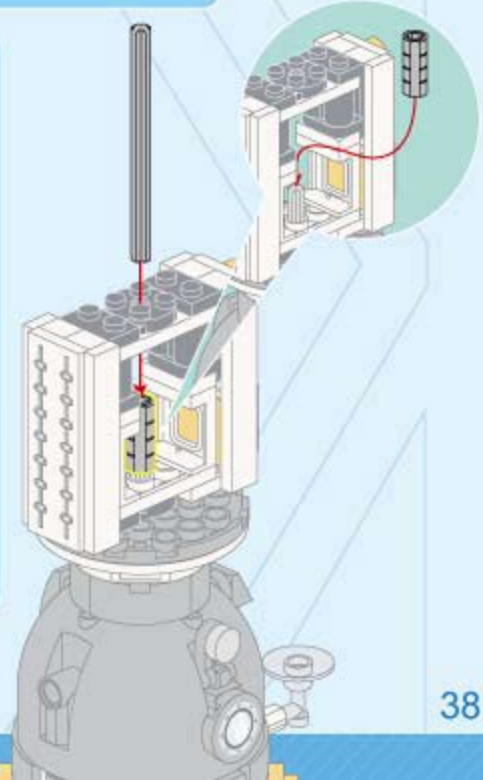
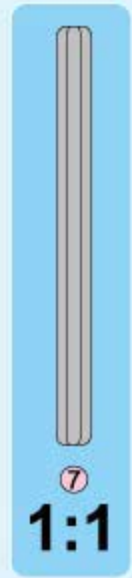


83

67



85





F 2x

86



1x



1x



1x

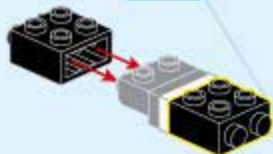


39

87



2x



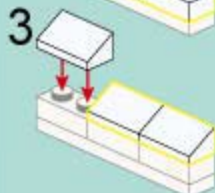
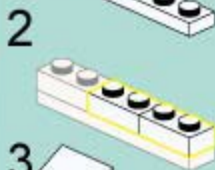
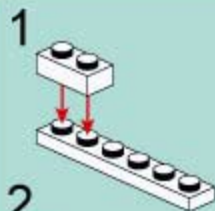
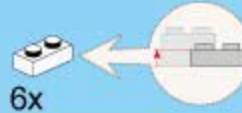
88



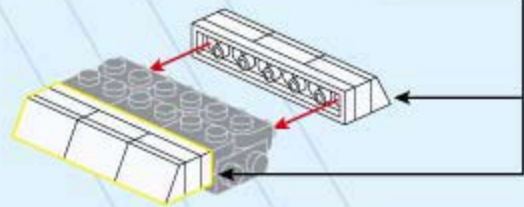
6x



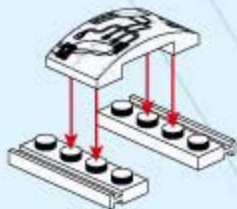
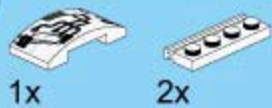
89



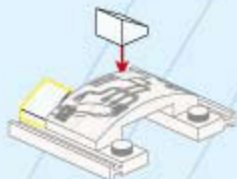
2x



90



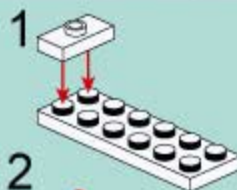
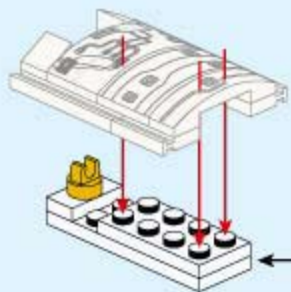
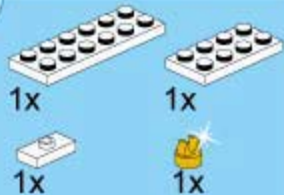
91



92



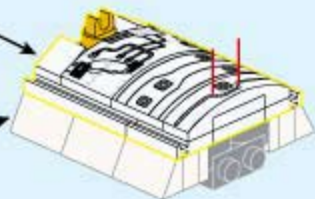
93



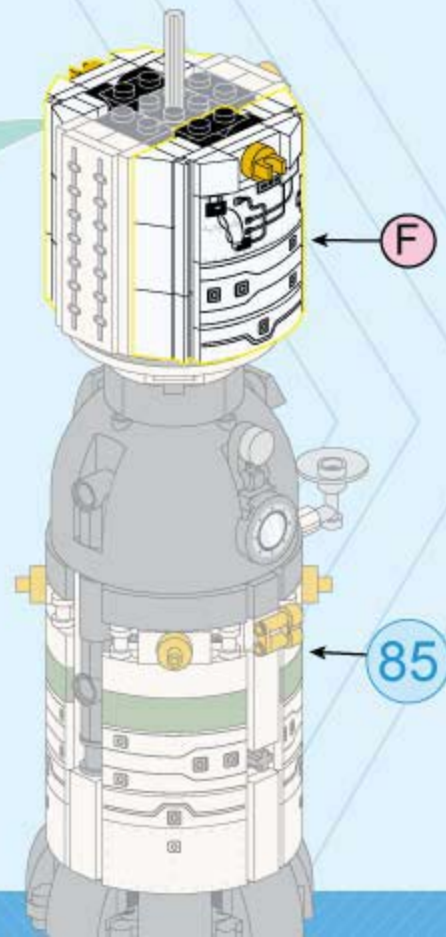
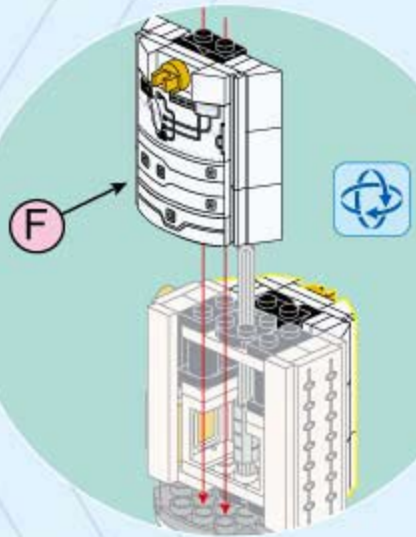
94

93

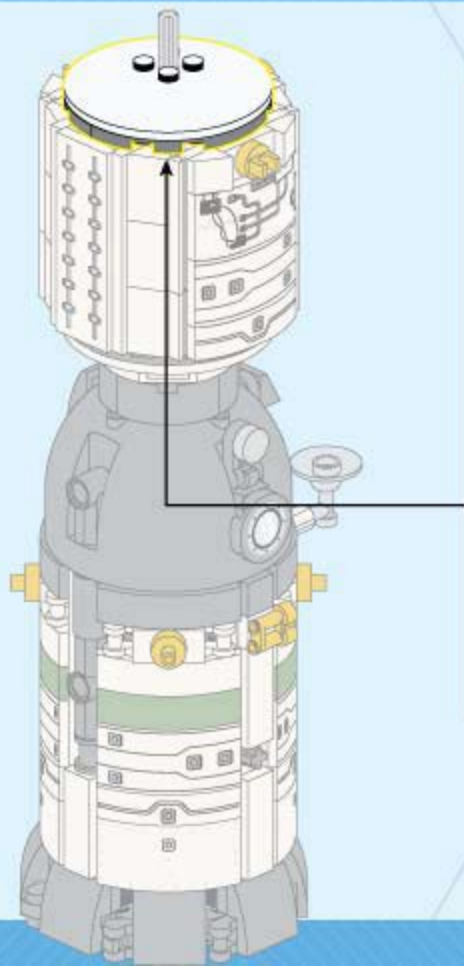
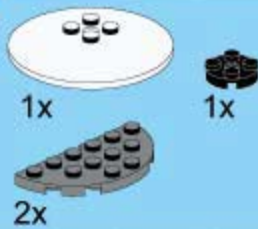
89



95



96



1



2



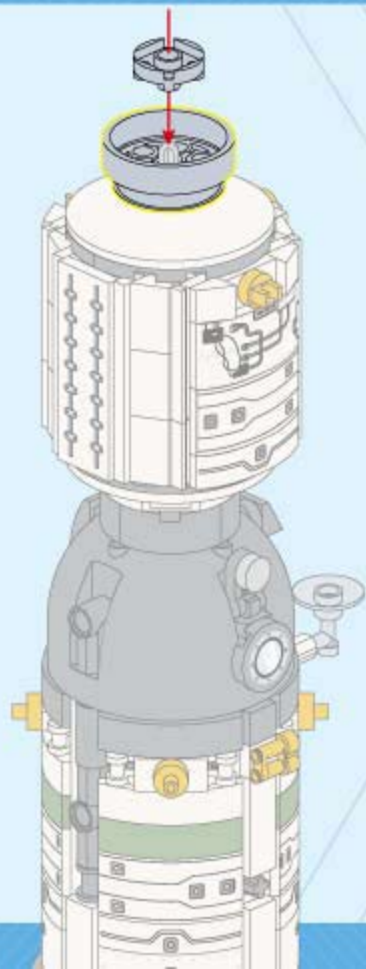
97

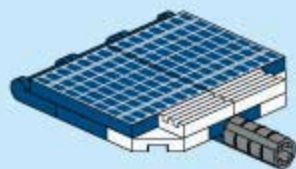
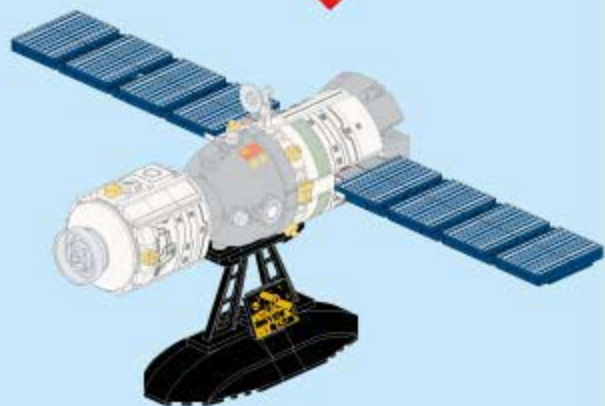


1x



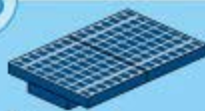
1x





Ⓞ 2x

98



1x



1x



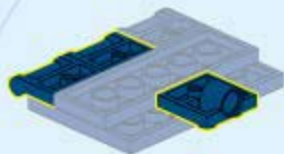
99



2x



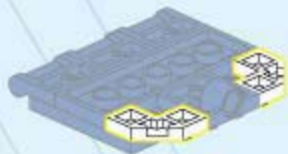
1x



100



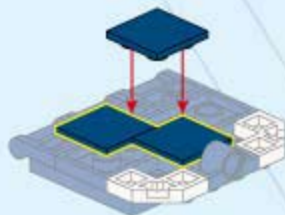
2x



101



3x



102



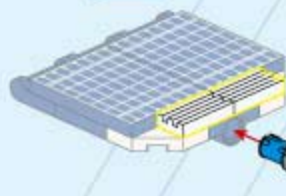
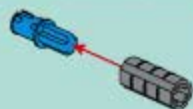
1x

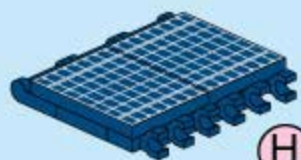


1x



2x

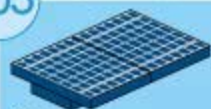




(H)

2x

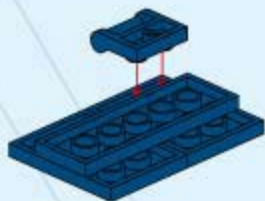
103



1x



1x



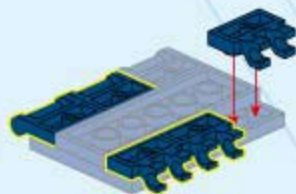
104



2x



3x



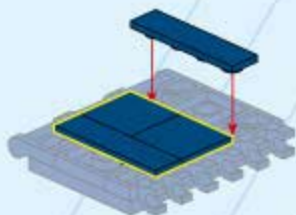
105

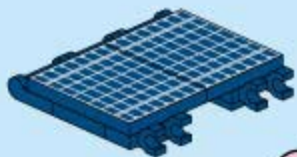


2x



2x





1 2x

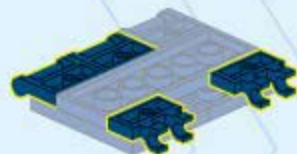
107



2x



2x



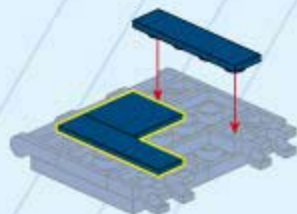
108



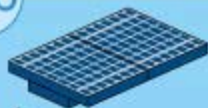
2x



1x



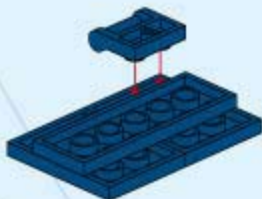
106

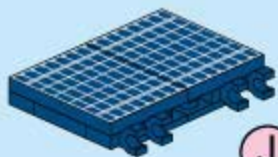


1x



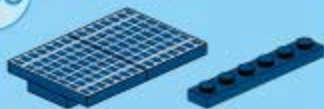
1x





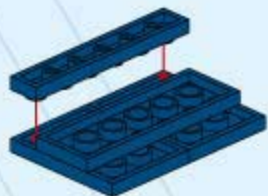
J 2x

109



1x

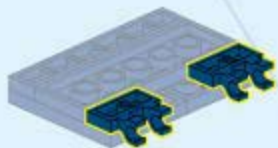
1x



110



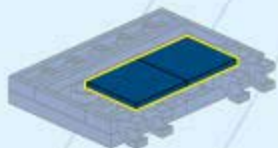
2x

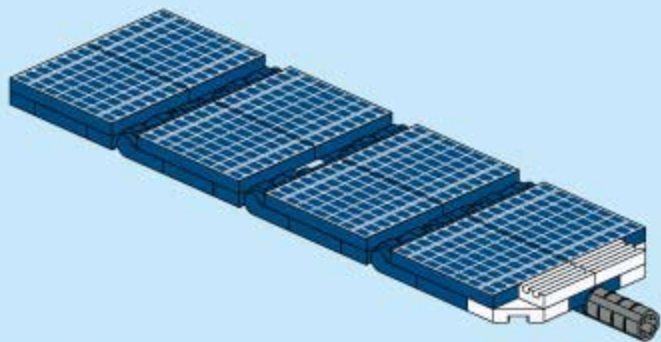


111



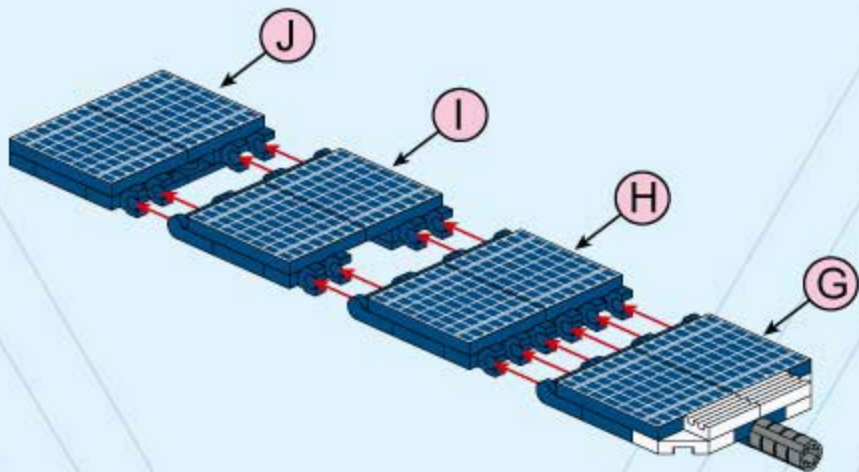
2x



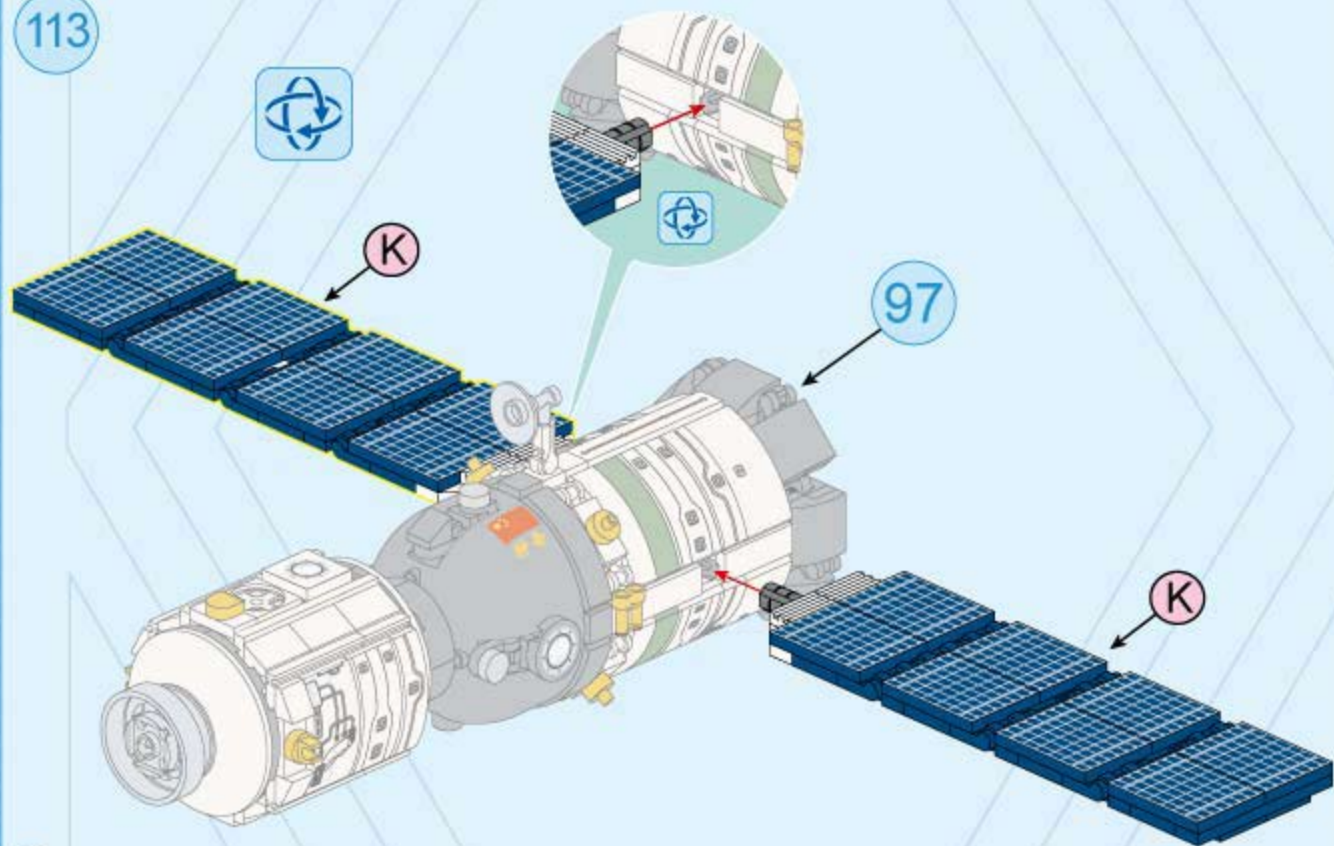


(K) 2x

112

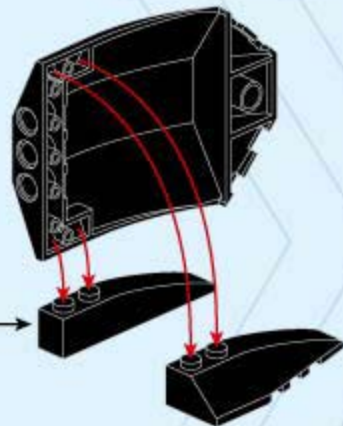
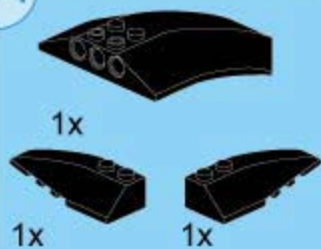


113

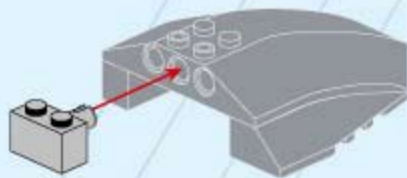




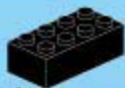
114



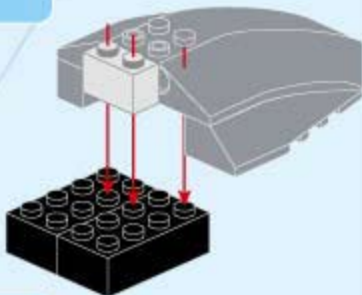
115



116



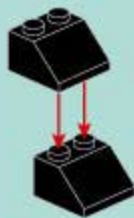
2x



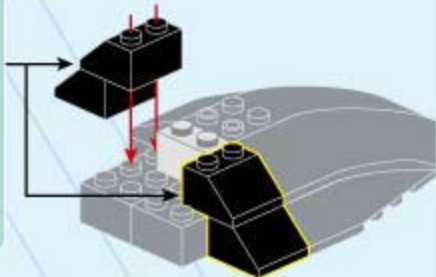
117



4x



2x



118



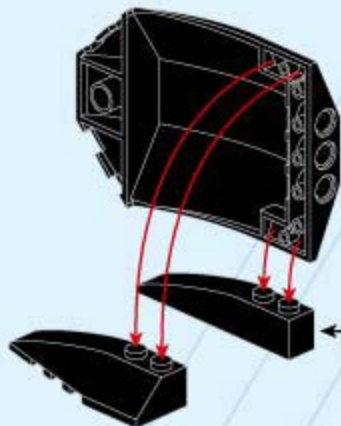
1x



1x



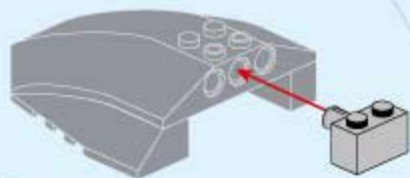
1x



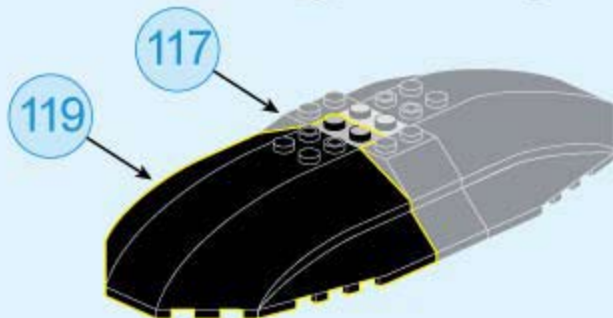
119



1x



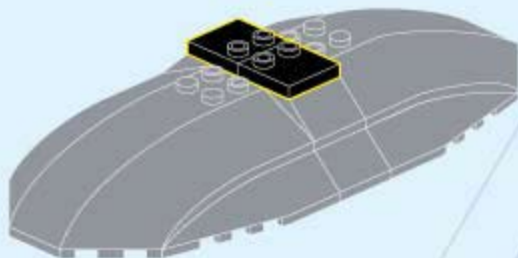
120



121



2x



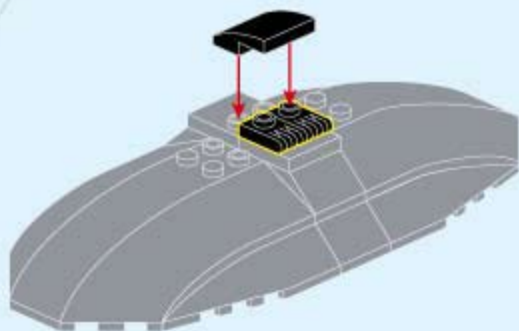
122



1x



2x



123



1x

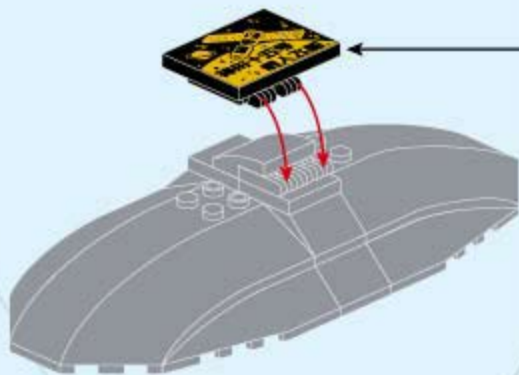
3x4



1x



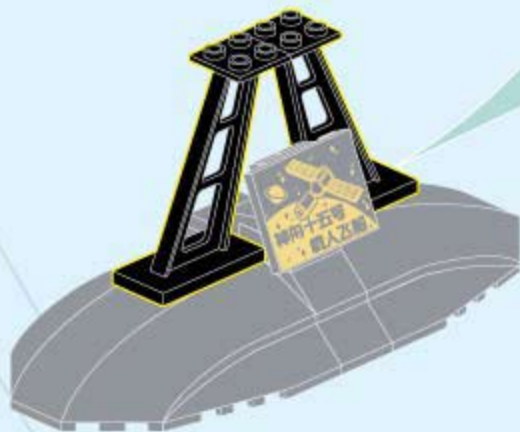
2x



124



2x



125



1x



1x

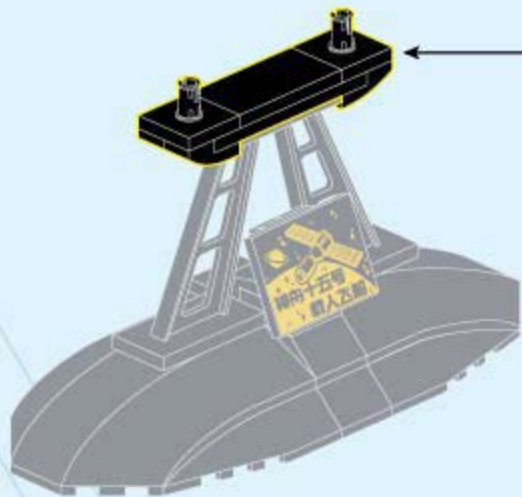
2x4



2x



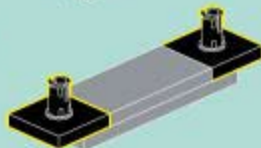
4x



1



2



3



126

113

125



SERIES



V1.0

K10216 天和核心舱——大柱段



K10215 长征五号实验舱发射任务