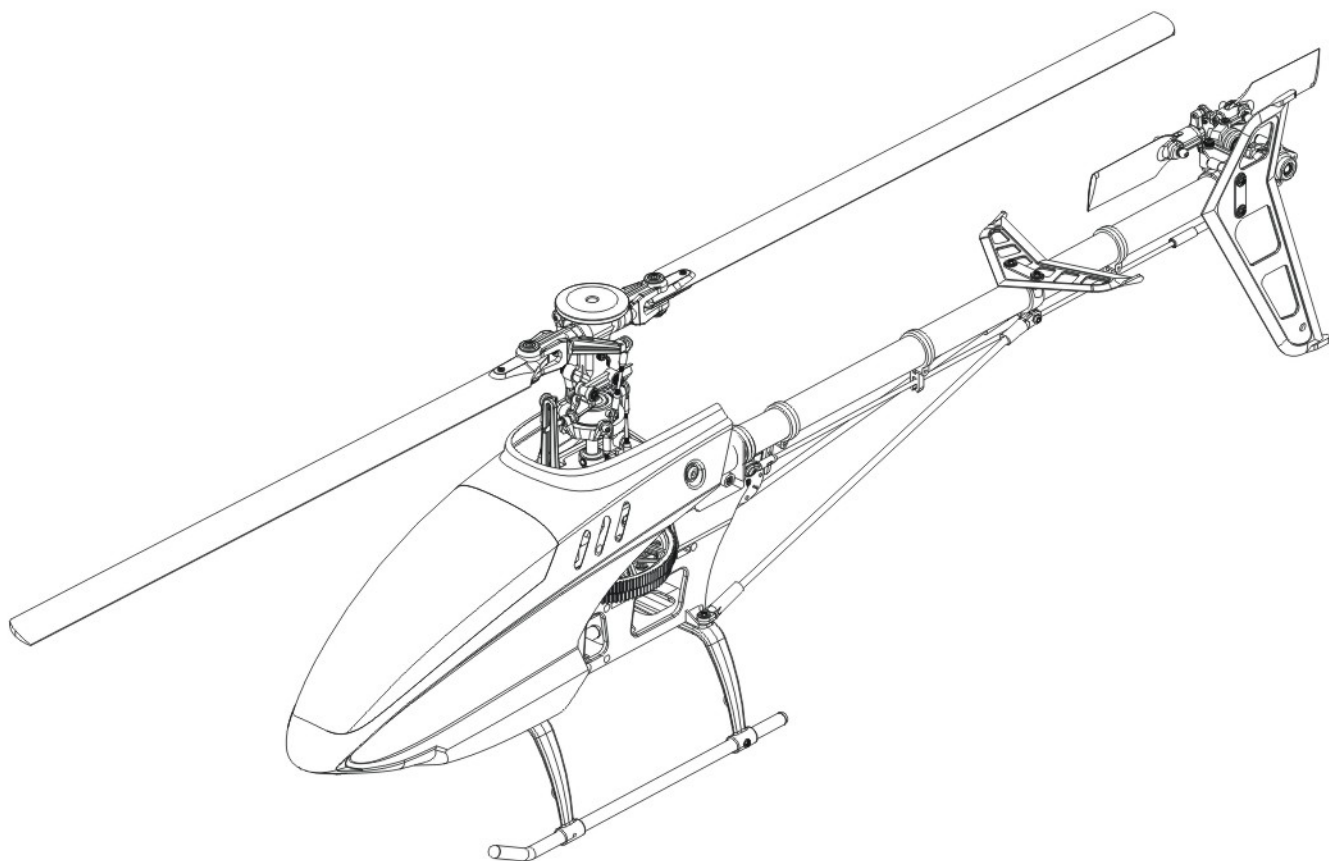


ESKY®

D700 3G

BNF



规格参数

全长: 645mm
全高: 215mm
主旋翼直径: Φ 725mm
尾旋翼直径: Φ 146mm
总重量: 约674g(含电池)

Specifications

Length: 645mm
Height: 215mm
Main Rotor Diameter: Φ 725mm
Tail Rotor Diameter: Φ 146mm
Weight: Approximately 674g (with Battery)

标准配备

- 2216 无刷马达
- 35A 无刷马达电子调速器
- 倾斜盘伺服器*3pcs (1.2kg.cm 0.08s/60°)
- 尾伺服器*1pcs (0.6kg.cm 0.04s/60°)
- 11.1V 2200mAh 30C 锂电池

Standard Equipment:

- 2216 Brushless Motor
- 35A Brushless Motor ESC
- Swash Servos*3(1.2kg.cm,0.08s/60°)
- Tail Servos*1(0.6kg.cm,0.04s/60°)
- 11.1V 2200mAh 30C Li-polymer Battery

※本型号机型在尚未进行重大改版之前, 配件可能进行调整, 外观、型号可能稍有不同。ESKY保留配件内容更改权, 并不另行通知。

Before this model has being significantly changed to another new version, the parts, appearance and the existing version can be developed and modified that would lead to a slight difference from the original design. ESKY reserve ALL the Rights of change of parts and contents WITHOUT specified notification.

Foreword

Thank you for choosing ESKY's product. For better understand and usage of D700 3G BNF, please read this manual carefully before installation and operation. This can ensure proper usage and safe operation! For your convenience of adjustment, maintenance and other operation, please keep this manual in a proper manner.

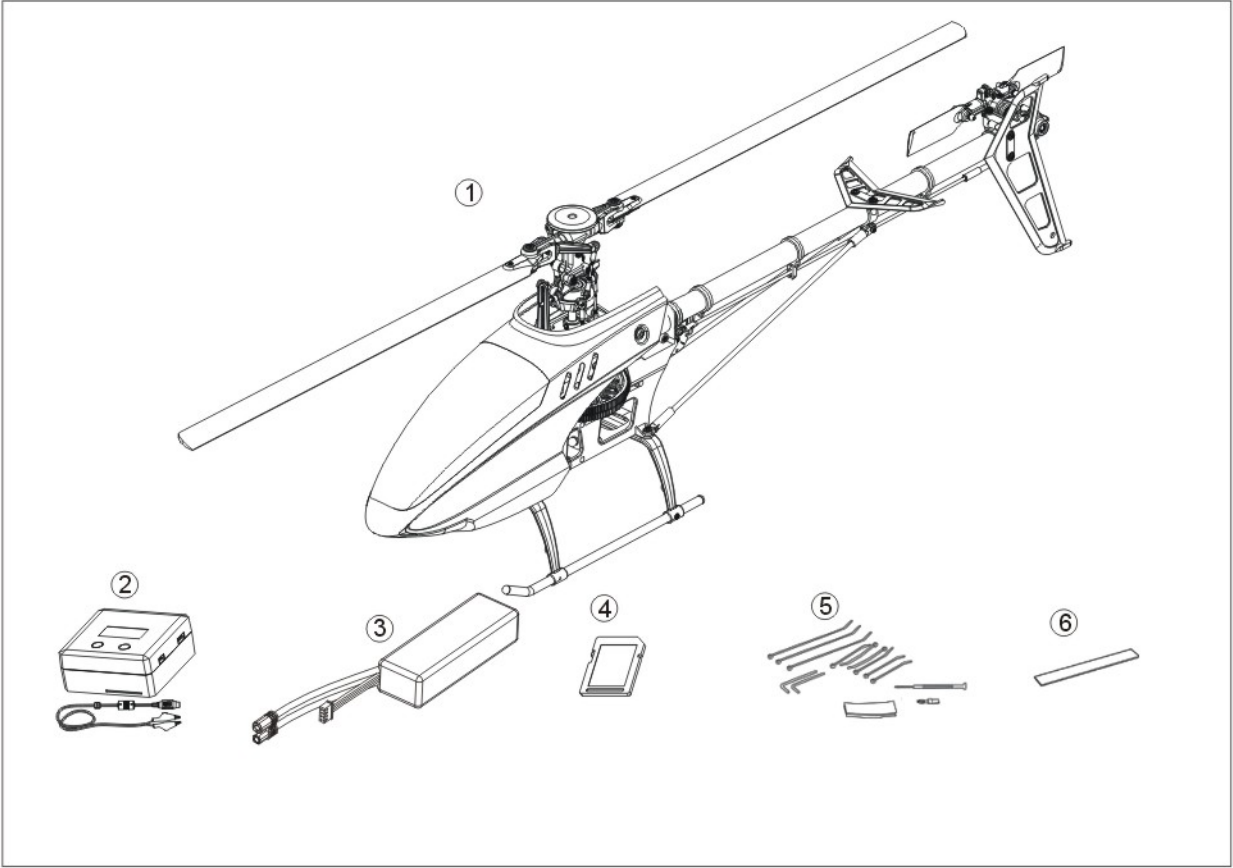
For further information, please visit our website: www.esky-sz.cn

Table of contents

Check of package's parts and accessories	1
Helicopter's Parts Introduction	2
Main Rotor Head Assemble Procedure	3
Washout Control Arm Assemble Procedure	4
Main Frame Assemble Procedure	5
Main Gears Assemble Procedure	6
Tail Boom Assemble Procedure	7
Tail Rotor Assemble Procedure	8
Pushrod Assemble Procedure	9
Power System Assemble Procedure	10
Canopy Assemble Procedure	11
Exploded View	12
Replaceable Parts List	14

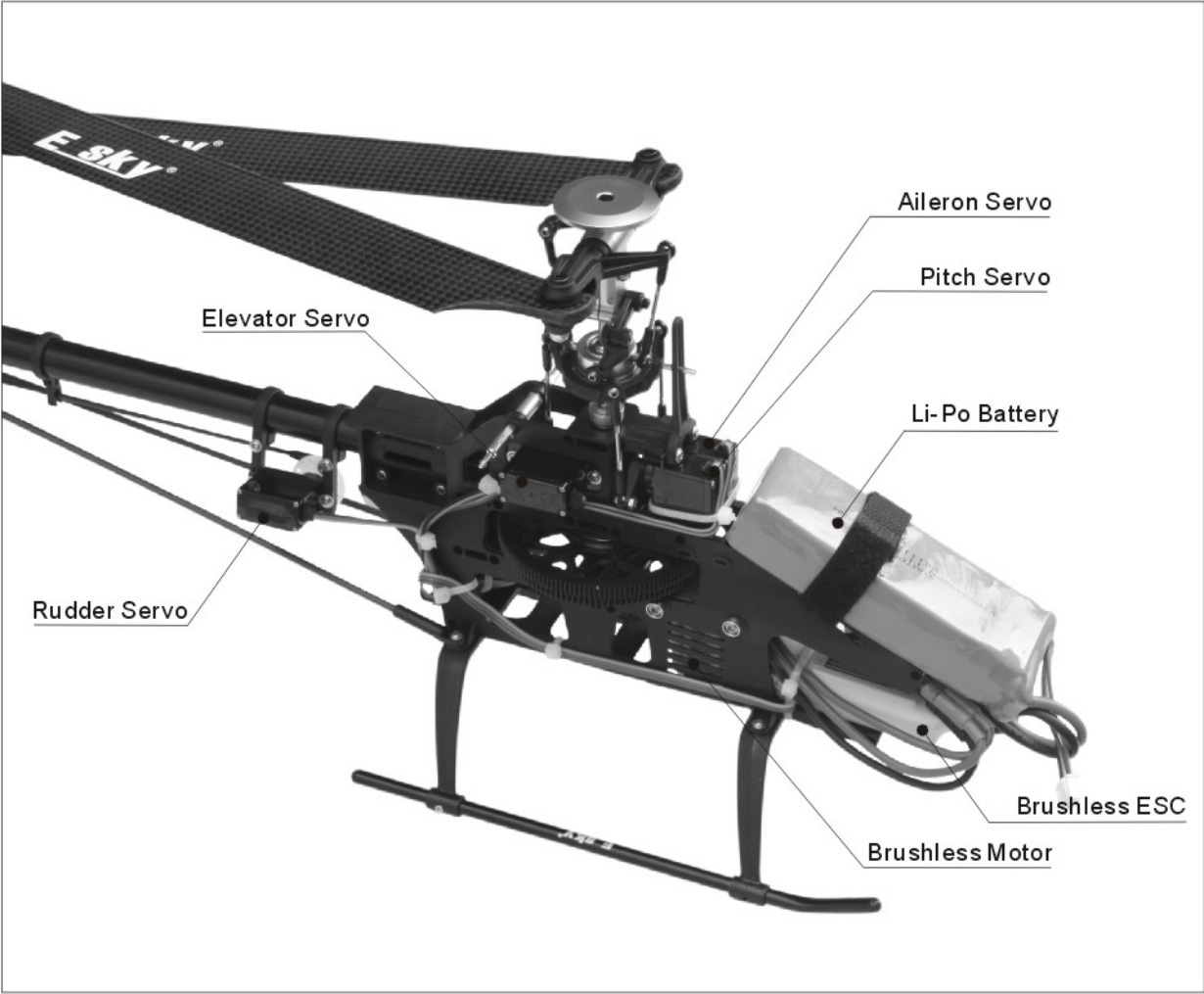
Check of package's parts and accessories

Please check the parts and accessories in the package. In the event of defective or missing parts, please contact the retailer for help.



1.RC Helicopter	1
2.2S & 3S Batery Charger	1
3.11.1 V, 2200 mAh Li-Po Battery	1
4.SD Card	1
5.Tool Pack	1
6.Battery Bandage	1

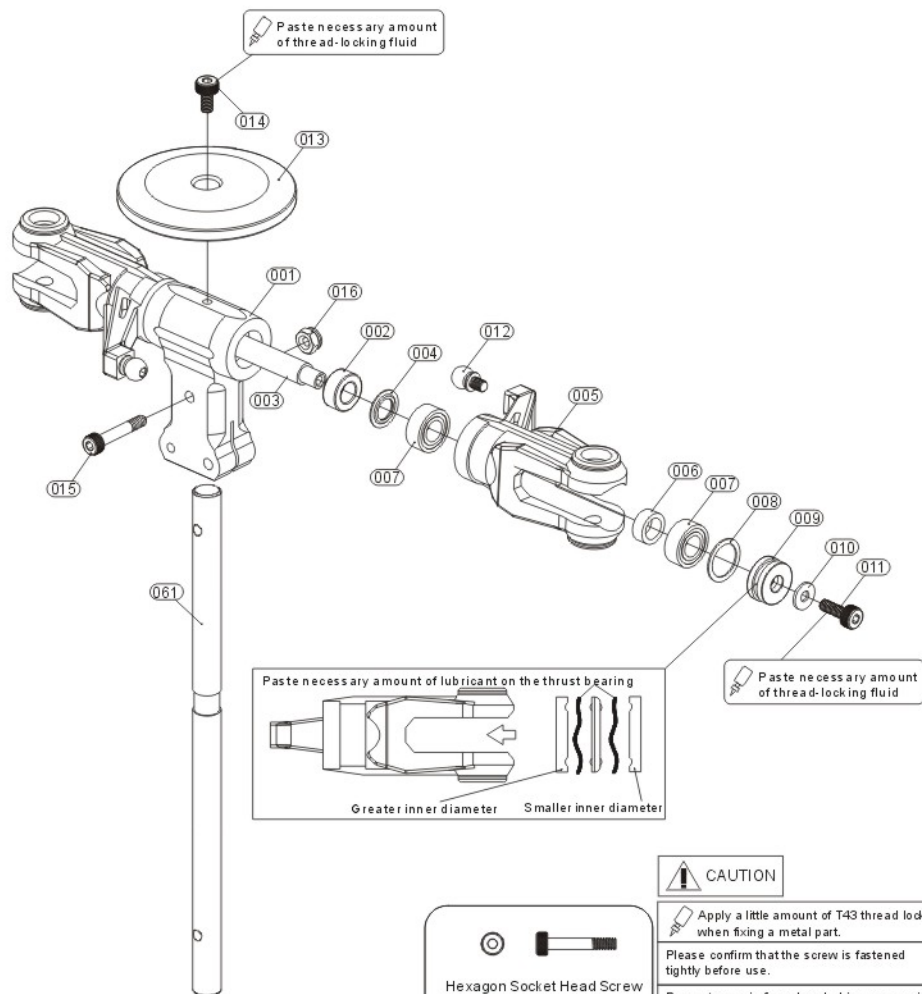
Helicopter's Parts Introduction



Main Rotor Head Assemble Procedure



No.	Name	Specification	Quantity
001	Main Rotor Head		1
002	O-ring	Ø3.6*Ø7.1*3.6	2
003	Spindle		1
004	Step Washer	Ø4*Ø7.5*0.5	2
005	Blade Grips		2
006	Brass Spacer	Ø4*Ø5.8*2.3	2
007	Bearing	Ø4*Ø8*3	4
008	Washer	Ø6.5*Ø8*0.3	2
009	Thrust Bearing	Ø3*Ø8*3.5	2
010	Spacer	Ø2*Ø5*0.5	2
011	Hexagon Socket Head Screw	M2*6	2
012	Linkage Ball	SØ4*6.36	2
013	Centre Hub Cap		1
014	Hexagon Socket Head Screw	M2*5	1
015	Hexagon Socket Head Screw	M2*12	1
016	Nylon Insert Lock Nut	M2.0	1
061	Main Shaft	Ø5*124	1



Washout Control Arm Assemble Procedure

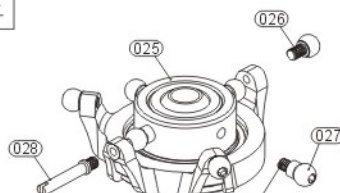
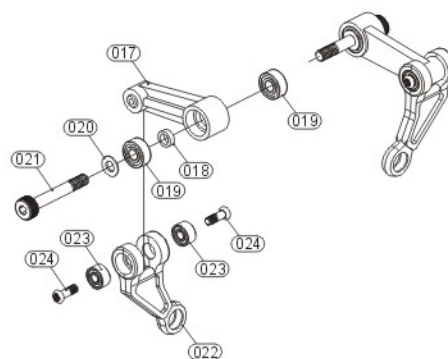
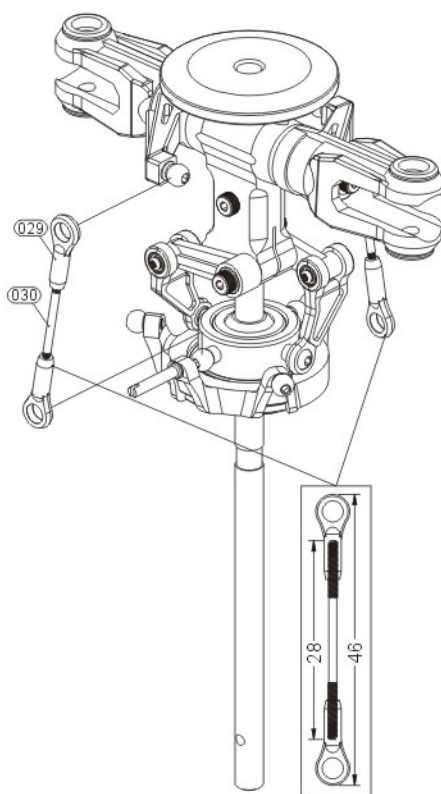
No.	Name	Specification	Quantity
017	Washout Control Arm		2
018	Brass Spacer	Ø2"Ø3"1	2
019	Bearing	Ø2"Ø5"2	4
020	Step Washer	Ø2"Ø3.8"0.4	4
021	Hexagon Socket Head Screw	M2"14	2
022	Washout Control Arm Link		2
023	Bearing	Ø1.5"Ø4"2	4
024	Phillips Pan Head Bolt	ST1.4"4	4
025	Swashplate		1
026	Linkage Ball	SØ4"6.5	4
027	Linkage Ball	SØ4"7.5	3
028	Anti-Rotation Pin	Ø2.0"14	1
029	Ball Link		4
030	Pushrod	1.4"28	2

Phillips Pan Head Bolt
(M1.4"4mm)x4

Ø4.0Linkage Ball
(M2"6.5)

Ø4.0Linkage Ball
(ØM2"7.5mm)x4

Hexagon Socket Head Screw
M2x14mm)



Apply a little amount of T43 thread lock when fixing a metal part.

Please confirm that the screw is fastened tightly before use.

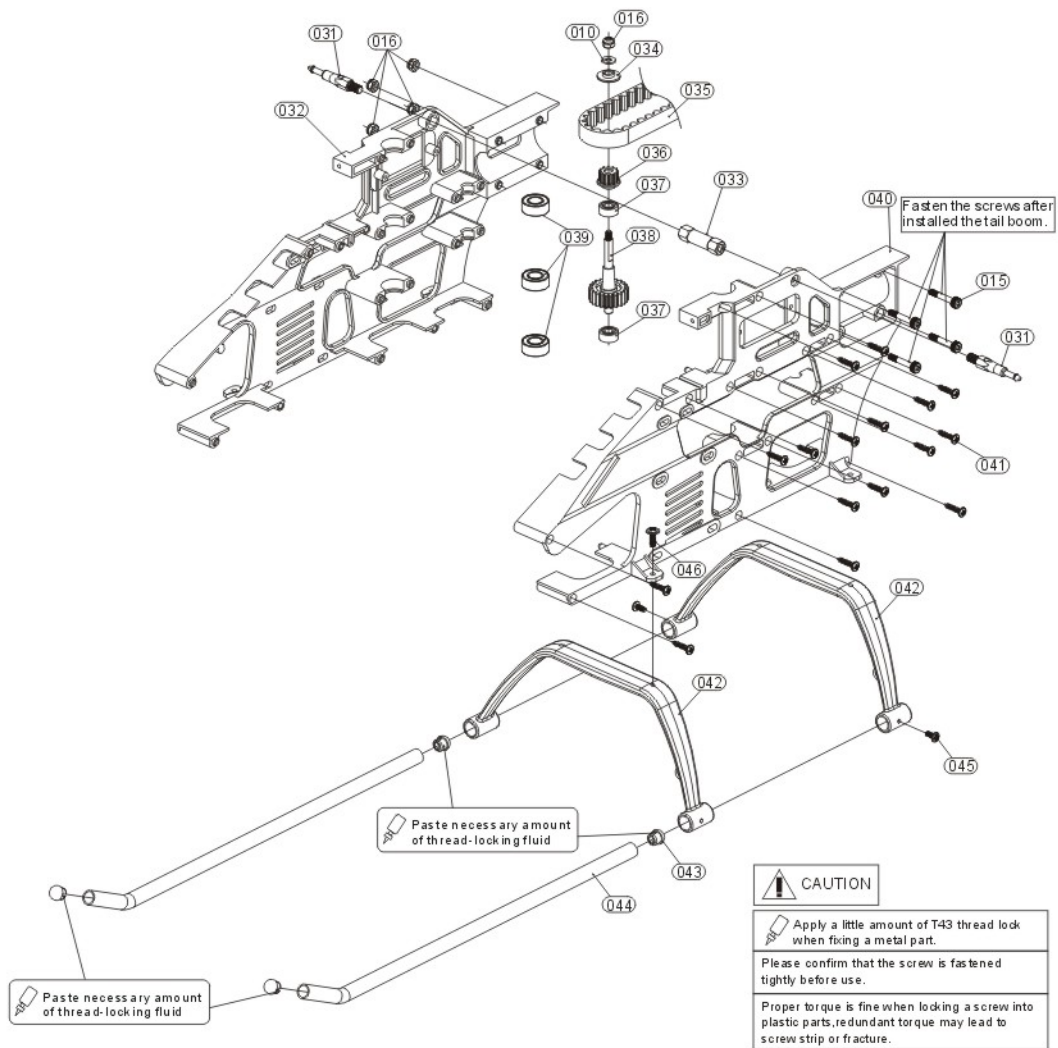
Proper torque is fine when locking a screw into plastic parts, redundant torque may lead to screw strip or fracture.

Paste necessary amount of thread-locking fluid

Main Frame Assemble Procedure



No.	Name	Specification	Quantity
031	Canopy Mount Rod		2
032	Main Frame, Right		1
033	Canopy Mount Rod Connector		1
016	Nylon Insert Lock Nut	M2.0	5
010	Spacer	ø2*ø5*0.5	1
034	Tail Drive Pulley Cap		1
035	Tail Drive Belt		1
036	Tail Drive Pulley		1
037	Bearing	ø3*ø7*3	2
038	Secondary Tail Drive Gear		1
039	Bearing	ø5*ø10*4	3
040	Main Frame, Left		1
015	Hexagon Socket Head Screw	M2*12	4
041	Pan Head Phillips Screw	ST1.7*9	16
042	Landing Gear Strut		2
043	Landing Skid End Cap		4
044	Landing Skid		2
045	Pan Head Phillips Screw	ST1.7*4	2
046	Pan Washer Head Phillips Screw	ST2*6	2



Main Gears Assemble Procedure

No.	Name	Specification	Quantity
047	One way bearing sleeve		1
048	One Way Bearing	⑥6*⑩12	1
049	Hexagon Flat Head Screw	ST2*6	4
050	Main Gear	140T	1
051	Spacer	⑥6*⑩11	1
052	Main Tail Drive Gear	110T	1
053	One Way Bearing Shaft	⑤5*⑥6*22.2	1
054	Main Shaft Retaining Collar		1
055	Set Screw	M3x3	1
015	Hexagon Socket Head Bolt	M2*12	1
016	Nylon Insert Lock Nut	M2.0	1



Apply a little amount of T43 thread lock when fixing a metal part.

Please confirm that the screw is fastened tightly before use.

Proper torque is fine when locking a screw into plastic parts, redundant torque may lead to screw strip or fracture.

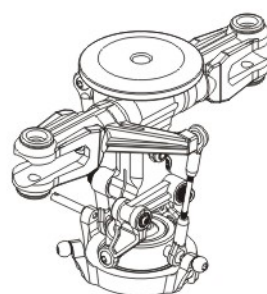
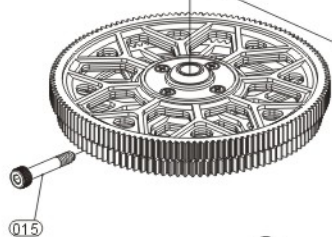
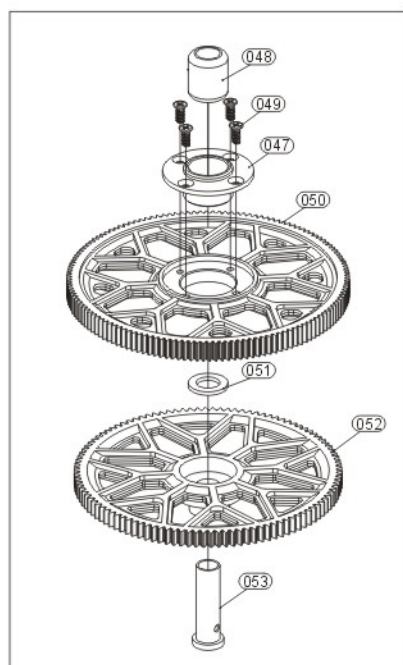
M3 Set Screw M3x3mm x1



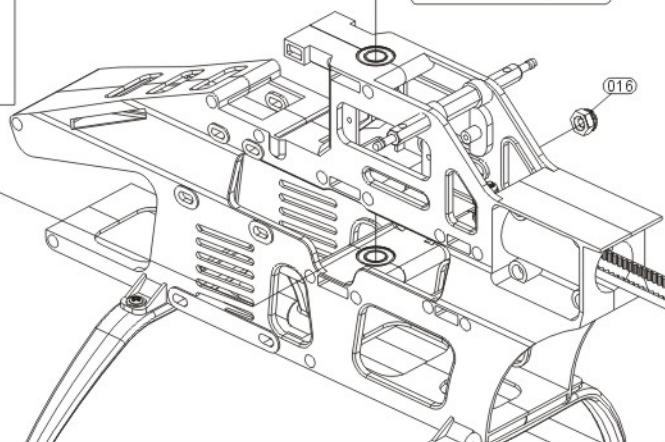
Hexagon Socket Head Bolt (M2x12mm)x1



M2.0Nylon Insert Lock Nut



Paste necessary amount of thread-locking fluid



Tail Boom Assemble Procedure

No.	Name	Specification	Quantity
056	Tail Boom		1
057	Tail Servo Boom Mount		2
058	Tail Pushrod Guide		2
059	Horizontal Fin Mount		1
060	Tail Case, Right		1
007	Bearing	Ø4*Ø8*3	2
062	Tail Rotor Shaft Drive Pulley		1
063	Tail Rotor Shaft Drive Pulley Cap		1
064	Tail Case, Left		1
041	Pan Head Phillips Screw	ST1.7*9	5
065	Vertical Fin		1
088	Flange Head Phillips Screw	ST2*8	2



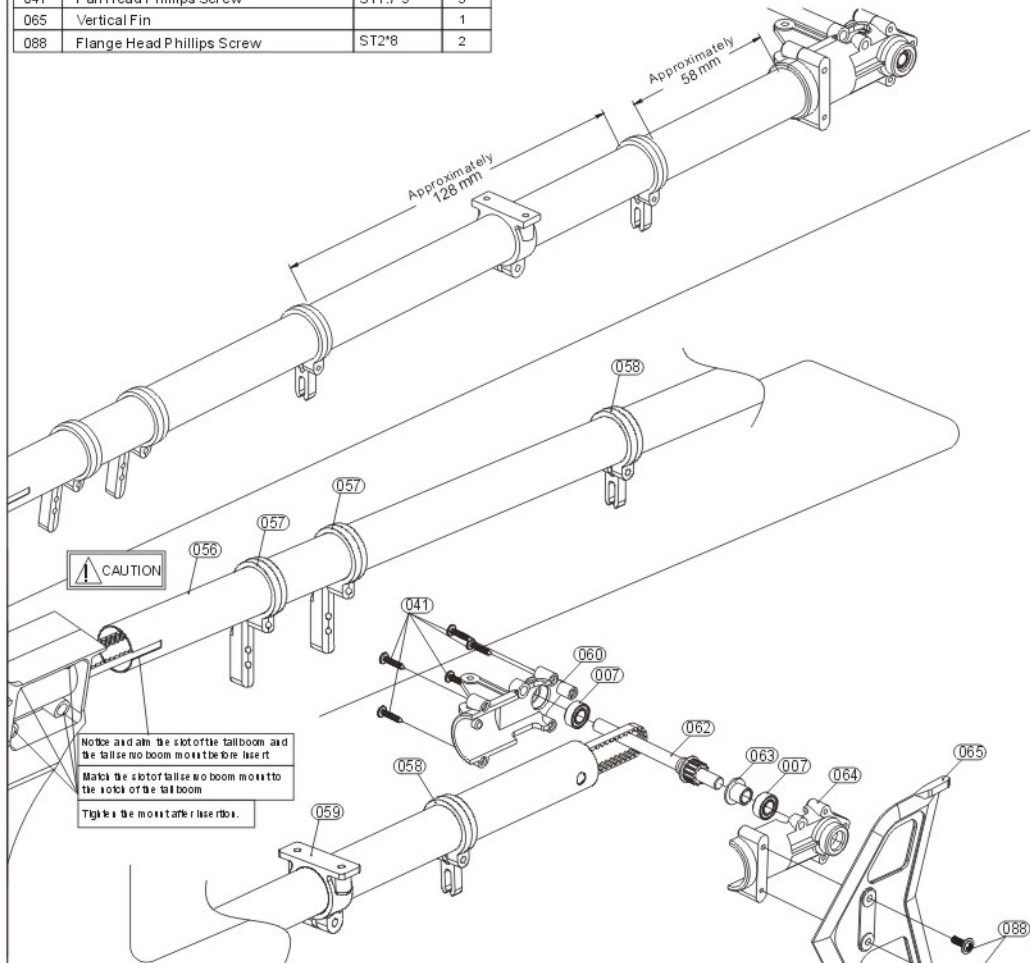
Front



Back

Drive belt illustration

1. Check to rotate the belt 90 degrees when assembling
2. Belt tension: Recommend to lightly tighten the drive belt after assembling tail boom to avoid vibration, belt friction and rotation slip



Notice and align the slot of the tail boom and the tail servo boom mount before insert.
Match the slot of the tail boom mount to the slot of the tail boom.
Tighten the mount after insertion.



Apply a little amount of T43 thread lock when fixing a metal part.

Please confirm that the screw is fastened tightly before use.

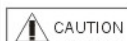
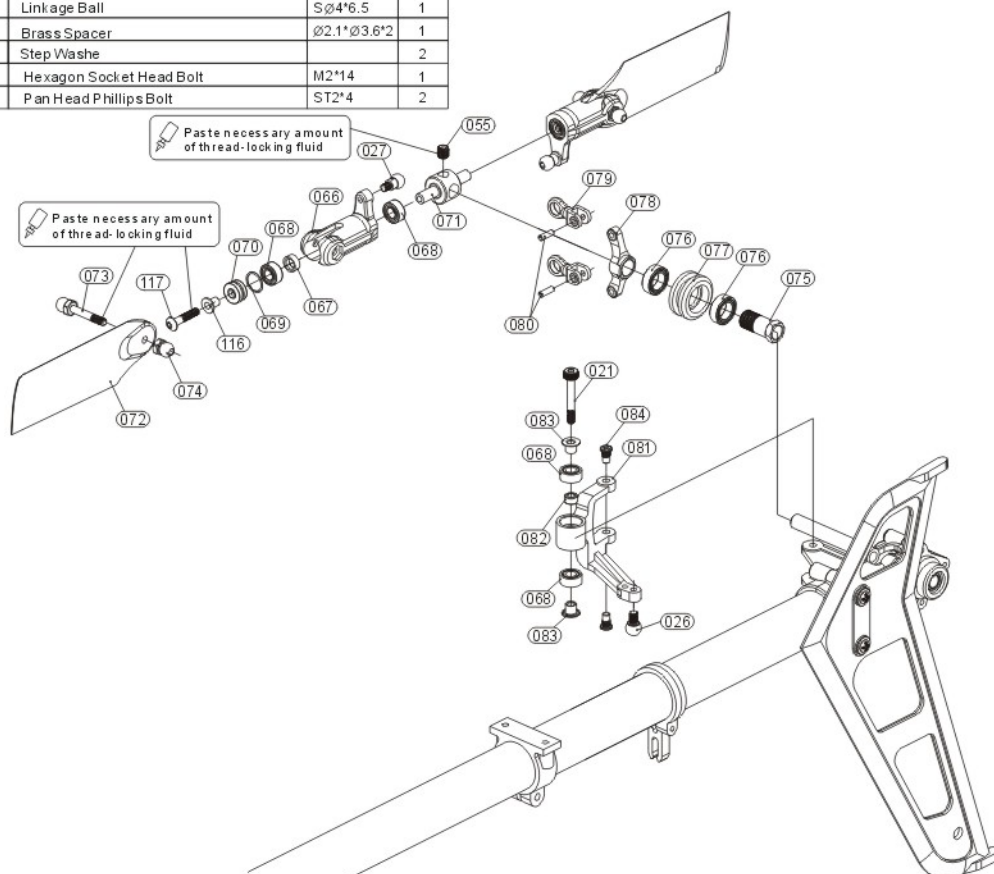
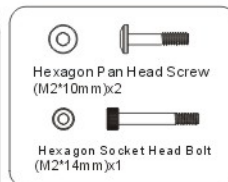
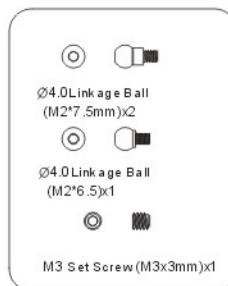
Proper torque is fine when locking a screw into plastic parts, redundant torque may lead to screw strip or fracture.

Pan Head Phillips Screw
(ST1.7*9mm)x5

Flange Head Phillips Screw
(ST2*8mm)x2

Tail Rotor Assemble Procedure

No.	Name	Specification	Quantity
066	Tail Rotor Blade Grip		2
027	Linkage Ball	S $\varnothing$ 4*7.5	2
067	Brass Spacer	$\varnothing$ 3* $\varnothing$ 4.5*1.6	2
068	Bearing	$\varnothing$ 3* $\varnothing$ 6*2.5	4
069	Washer	$\varnothing$ 5.1* $\varnothing$ 6*0.1	4
070	Thrust Bearing	$\varnothing$ 2.5* $\varnothing$ 6*3	2
116	Cap Washer		2
071	Metal Tail Rotor Hub		1
117	Hexagon Pan Head Screw	M2*10	2
072	Tail Rotor Blade		2
073	Linkage Ball Bolt		2
074	Linkage Ball		2
075	Tail Rotor Pitch Control Slide Bushing		1
076	Bearing	$\varnothing$ 5* $\varnothing$ 8*2.5	2
077	Tail Rotor Pitch Control Slider Ring		1
078	Tail Rotor Pitch Control Fork		1
079	Tail Rotor Pitch Control Ball Link		2
080	Pin	$\varnothing$ 1.5*5	2
055	Set Screw	M3x3	1
081	Tail Rotor Pitch Lever		1
026	Linkage Ball	S $\varnothing$ 4*6.5	1
082	Brass Spacer	$\varnothing$ 2.1* $\varnothing$ 3.6*2	1
083	Step Washer		2
021	Hexagon Socket Head Bolt	M2*14	1
084	Pan Head Phillips Bolt	ST2*4	2



Apply a little amount of T43 thread lock when fixing a metal part.

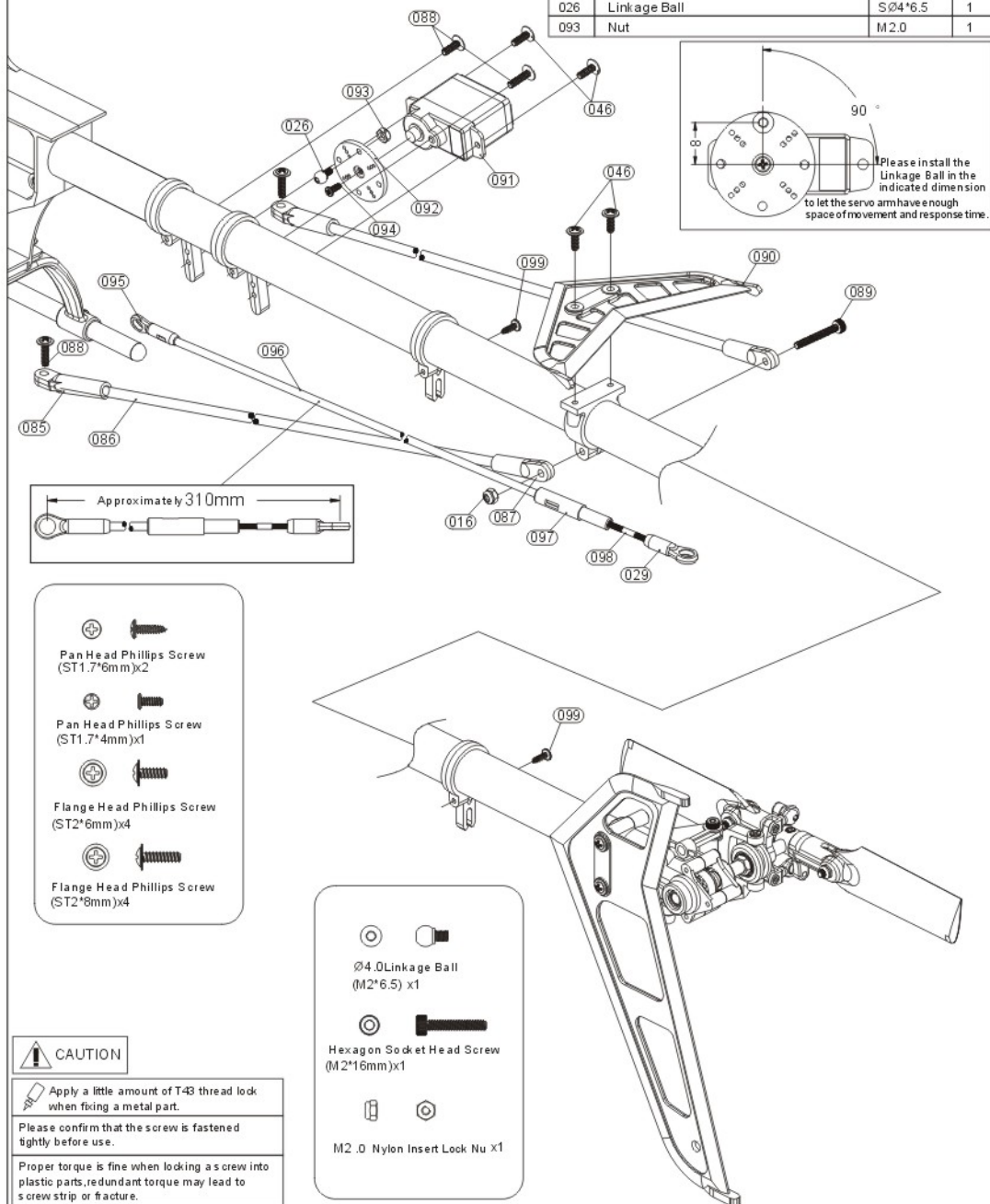
Please confirm that the screw is fastened tightly before use.

Proper torque is fine when locking a screw into plastic parts, redundant torque may lead to screw strip or fracture.

Pushrod Assemble Procedure

No.	Name	Specification	Quantity
094	Pan Head Phillips Screw	ST1.7*4	1
095	Tail Linkage		1
096	Tail Pushrod	Ø2*270	1
097	Tail Pushrod Joiner		1
098	Tail Pushrod Joiner Rod	Ø1.4*26	1
029	Tail Linkage		1
099	Pan Head Phillips Screw	ST1.7*6	2

No.	Name	Specification	Quantity
085	Tail Boom Support End, Angled		2
086	Tail Boom Support Rod	Ø3*250	2
087	Tail Boom Support End, Straight		2
088	Flange Head Phillips Screw	ST2*8	4
089	Hexagon Socket Head Screw	M2*16	1
016	Nylon Insert Lock Nut	M2.0	1
090	Horizontal Fin		1
046	Flange Head Phillips Screw	ST2*6	4
091	Servo		1
092	Servo Arm		1
026	Linkage Ball	SØ4*6.5	1
093	Nut	M2.0	1



Power System Assemble Procedure

No.	Name	Specification	Quantity
100	Servo		3
101	Servo Arm		3
026	Linkage Ball	S $\varnothing$ 4*6.5	3
094	Pan Head Phillips Screw	ST1.7*4	3
046	Flange Head Phillips Screw	ST2*6	2
102	Anti Rotation Bracket		1
088	Flange Head Phillips Screw	ST2*8	2
029	Ball Link		6
030	Pushrod	$\varnothing$ 1.4*28	2
103	Pushrod	$\varnothing$ 1.4*32	1
104	Brushless Motor		1
105	Pinion Gear		1
055	Set Screw	M3x3	1
106	Motor Mount		1
107	Spacer	$\varnothing$ 3.1* $\varnothing$ 8*1	2
108	Hexagon Socket Head Screw	M3x8	2
109	Cap Washer		4
110	Hexagon Pan Head Screw	M2.5x7	4
111	Main Blade		1
112	Hexagon Socket Head Bolt	M3x18	2
113	Nylon Insert Lock Nut	M3	2

Flange Head Phillips Screw (ST2*6mm)x2

Pan Head Phillips Screw (ST1.7*4mm)x3

Flange Head Phillips Screw (ST2*8mm)x2

M3 Set Screw M3x3mm)x1

Hexagon Socket Head Bolt (M3*10mm)x2

Hexagon Pan Head Screw (M3*8mm)x2

Ø4.0 Linkage Ball (M2*6.5)x3

Hexagon Socket Head Screw (M3*18mm)x2

M3.0 Nylon Insert Lock Nut

CAUTION

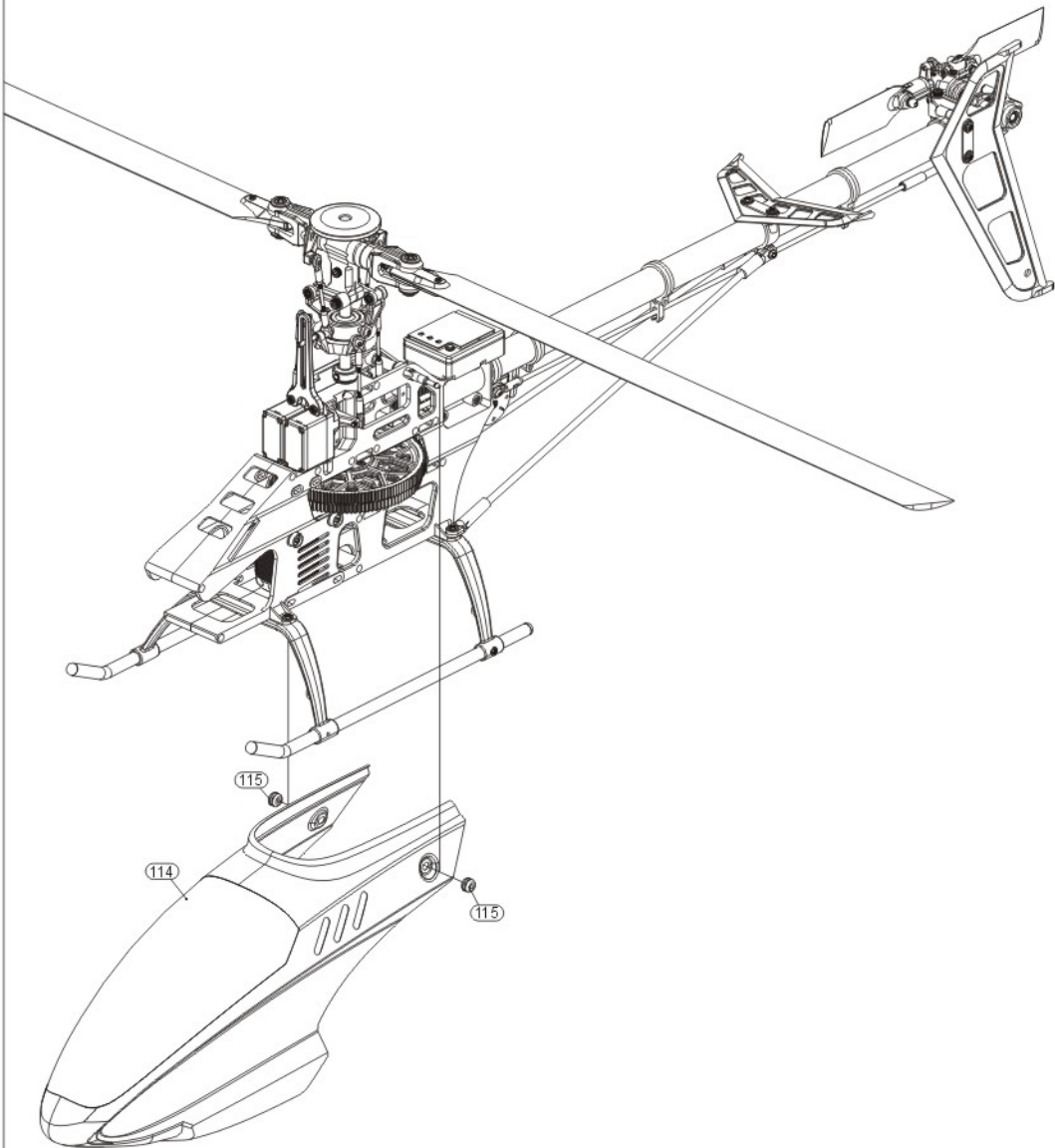
Apply a little amount of T-43 thread lock when fixing a metal part.

Please confirm that the screw is fastened tightly before use.

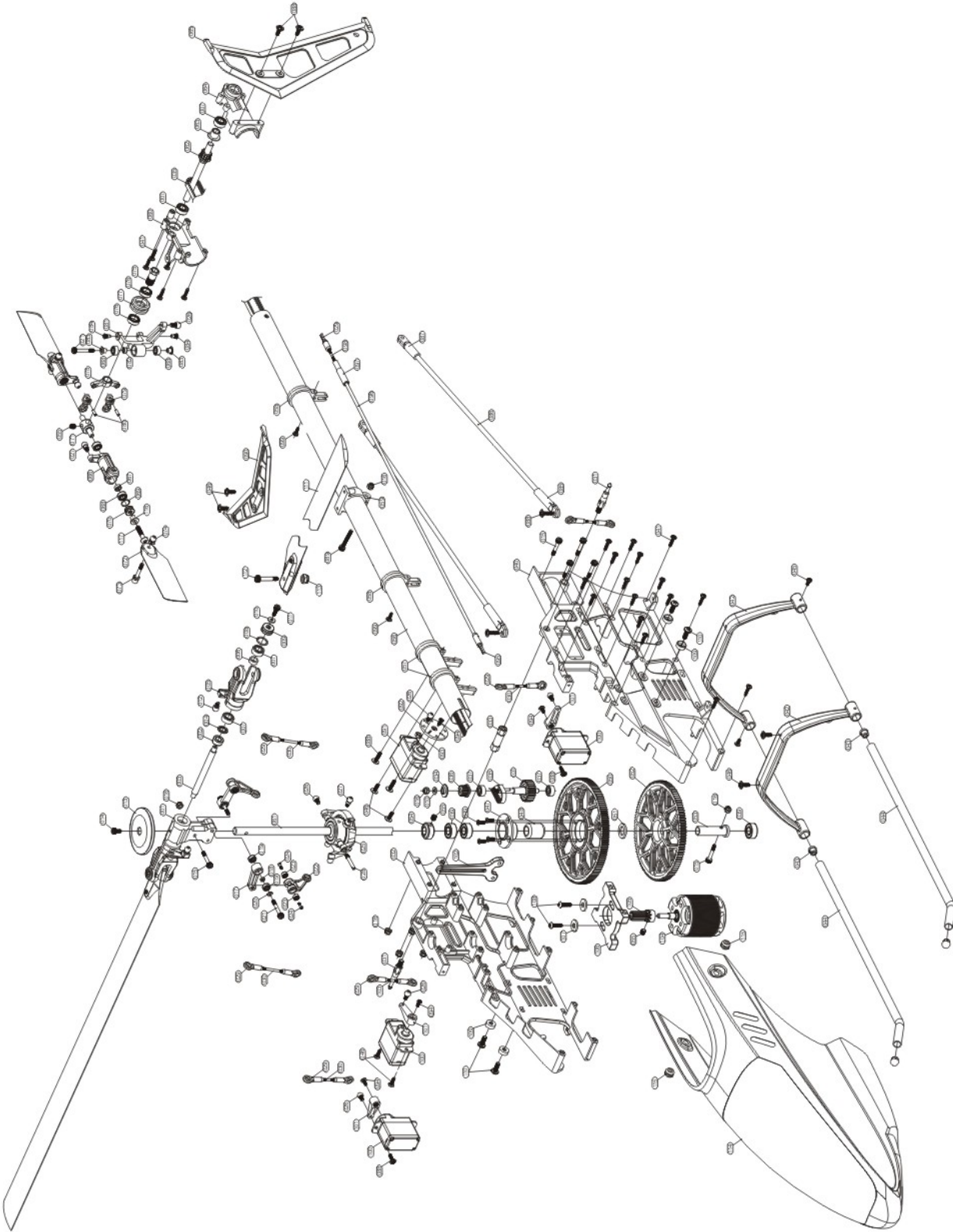
Proper torque is fine when locking a screw into plastic parts, redundant torque may lead to screw strip or fracture.

Canopy Assemble Procedure

No.	Name	Specification	Quantity
114	Canopy		1
115	Canopy Mount Grommet		2



Exploded View



Parts List

No.	Name	Specification	Quantity	No.	Name	Specification	Quantity
001	Main Rotor Head		1	072	Tail Rotor Blade		2
002	O-ring	ø3.6"ø7.1"3.6	2	073	Linkage Ball Bolt		2
003	Spindle		1	074	Linkage Ball		2
004	Step Washer	ø4"ø7.5"0.5	2	075	Tail Rotor Pitch Control Slide Bushing		1
005	Blade Grips		2	076	Bearing	ø5"ø8"2.5	2
006	Brass Spacer	ø4"ø5.8"2.3	2	077	Tail Rotor Pitch Control Slider Ring		1
007	Bearing	ø4"ø8"3	6	078	Tail Rotor Pitch Control Fork		1
008	Washer	ø6.5"ø8"0.3	2	079	Tail Rotor Pitch Control Ball Link		2
009	Thrust Bearing	ø3"ø8"3.5	2	080	Pin	ø1.5"5	2
010	Washer	ø2"ø5"0.5	3	081	Tail Rotor Pitch Lever		1
011	Hexagon Socket Head Bolt	M2*6	6	082	Spacer	ø2.1"ø3.6"2	1
012	Linkage Ball	Sø4"6.36	2	083	Step Washer		2
013	Centre Hub Cap		1	084	Pan Head Phillips Bolt	ST2"4	2
014	Hexagon Socket Head Screw	M2*5	1	085	Tail Boom Support End, Angled		2
015	Hexagon Socket Head Screw	M2*12	6	086	Tail Boom Support Rod	ø3"250	2
016	Nylon Insert Lock Nut	M20	8	087	Tail Boom Support End, Straight		2
017	Washout Control Arm Link		2	088	Flange Head Phillips Screw	ST2"6	6
018	Brass Spacer	ø2"ø3"1	2	089	Hexagon Socket Head Screw	M2*16	1
019	Bearing	ø2"ø5"2	4	090	Horizontal Fin		1
020	Step Washer	ø2"ø3.8"0.4	4	091	Servo		1
021	Hexagon Socket Head Bolt	M2*14	2	092	Servo Arm		1
022	Washout Control Arm Link		2	093	Nut	M20	4
023	Bearing	ø1.5"ø4"2	4	094	Pan Head Phillips Screw	ST1.7"4	4
024	Phillips Pan Head Bolt	ST1.4"4	4	095	Tail Linkage		1
025	Swashplate		1	096	Tail Pushrod	ø2"270	1
026	Linkage Ball	Sø4"6.5	8	097	Tail Pushrod Joiner		1
027	Linkage Ball	Sø4"7.5	6	098	Tail Pushrod Joiner Rod	ø1.4"24	1
028	Anti-Rotation Pin	ø2.0"14	1	099	Pan Head Phillips Screw	ST1.7"6	2
029	Ball Link		11	100	Servo		3
030	Pushrod	1.4"28	4	101	Servo Arm		3
031	Canopy Mount Rod		2	102	Anti Rotation Bracket		1
032	Main Frame, Right		1	103	Pushrod	ø1.4"32	1
033	Canopy Mount Rod Connector		1	104	Brushless Motor		1
034	Tail Drive Pulley Cap		1	105	Pinion Gear		1
035	Tail Drive Belt		1	106	Motor Mount		1
036	Tail Drive Pulley		1	107	Spacer	ø3.1"ø8"1	2
037	Bearing	ø3"ø7"3	2	108	Hexagon Socket Head Bolt	M3x8	2
038	Secondary Tail Drive Gear		1	109	Cap Washer		4
039	Bearing	ø5"ø10"4	3	110	Hexagon Pan Head Screw	M2.5x7	4
040	Main Frame, Left		1	111	Main Blade		1
041	Pan Head Phillips Screw	ST1.7"9	21	112	Hexagon Socket Head Bolt	M3x18	2
042	Landing Gear Strut		2	113	Nylon Insert Lock Nut	M3	2
043	Landing Skid End Cap		4	114	Canopy		1
044	Landing Skid		2	115	Canopy Mount Grommet		2
045	Pan Head Phillips Screw	ST1.7"4	2	116	Cap Washer		2
046	Pan Washer Head Phillips Screw	ST2"6	8	117	Hexagon Pan Head Screw	M2"10	2
047	One way bearing sleeve		1				
048	One Way Bearing	ø6"ø10"12	1				
049	Hexagon Flat Head Screw	ST2"6	4				
050	Main Gear	140T	1				
051	Spacer	ø6"ø10"1	1				
052	Main Tail Drive Gear	110T	1				
053	One Way Bearing Shaft	ø5"ø6"22.2	1				
054	Main Shaft Retaining Collar		1				
055	Set Screw	M3x3	3				
056	Tail Boom		1				
057	Tail Servo Boom Mount		2				
058	Tail Pushrod Guide		2				
059	Horizontal Fin Mount		1				
060	Tail Case, Right		1				
061	Main Shaft	ø5"124	1				
062	Tail Rotor Shaft Drive Pulley		1				
063	Tail Rotor Shaft Drive Pulley Cap		1				
064	Tail Case, Left		1				
065	Vertical Fin		1				
066	Tail Rotor Blade Grip		2				
067	Brass Spacer	ø3"ø4.5"1.6	2				
068	Bearing	ø3"ø6"2.5	6				
069	Washer	ø5.1"ø6"0.1	4				
070	Thrust Bearing	ø2.5"ø6"3	2				
071	Metal Tail Rotor Hub		1				

Replaceable Parts List

004055



Main Blade Set

004057



Main Rotor Head Set

004058



Main Blade Grip Set

004059



Washout Control Arm Set

003960



Spindle

003963



Washout Control Arm Set

003966



Linkage Rod Set

003967



Swashplate Set

003968



O-ring

003969



Main Gear

003970



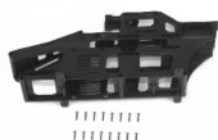
Secondary Gear

003971



Main Shaft Set

003972



Main Frame Set

003973



Tail Driven Gear Set

003974



Motor Mount

003975



Anti-Rotation Bracket

003976



Canopy Mount Rod

003977



Tail Rotor Hub

003978



Tail Blade Grip

003979



Tail Rotor Pitch Lever Set

003980



Tail Case Set

003981



Tail Boom

003982



Tail Servo Boom Mount Set

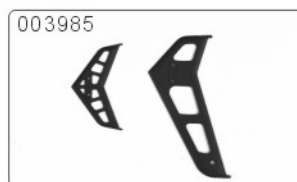
003983



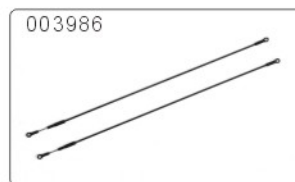
Tail Pushrod Guide



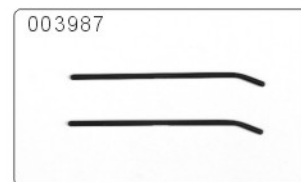
Horizontal Fin Mount Set



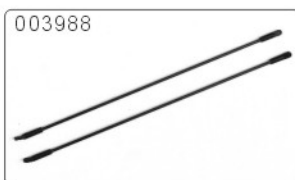
Horizontal and Vertical Fin



Tail Pushrod Set



Landing Skid Set



Tail Boom Support Set



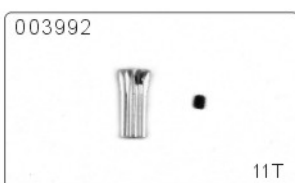
Tail Control Arm Set



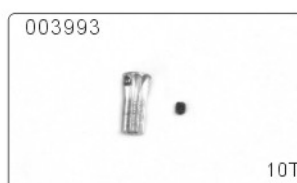
Tail Shaft Set



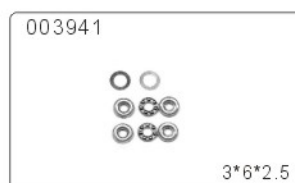
Brushless Motor



Gear



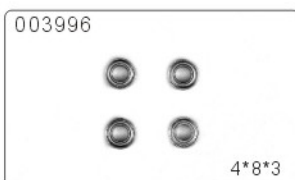
Gear



Thrust Bearing



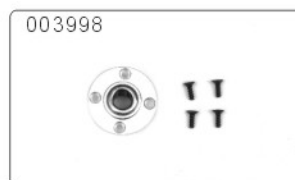
Bearing



Bearing



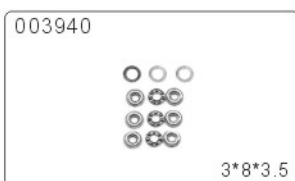
Bearing



One way bearing sleeve Set



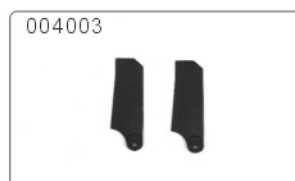
Main gear parts



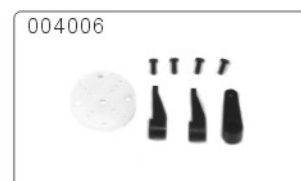
Thrust Bearing



Landing Gear Strut Set



Tail Rotor Blade



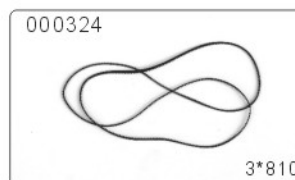
Control Arm Set



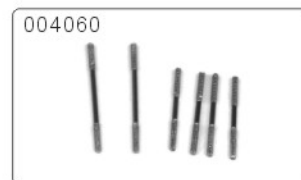
Washout Base Set



Ball Bearing



Belt



Servo Pushrod

004061



Screw

004065



Spare part pack

003914



Swash Servo

003721



Tail Servo

003752



2&3cell

3A Li-Polymer Battery Charger

003747



35A Brushless Motor ESC

003949



11.1V 2200mAh

Li-Polymer Battery

004056



Canopy

前 言

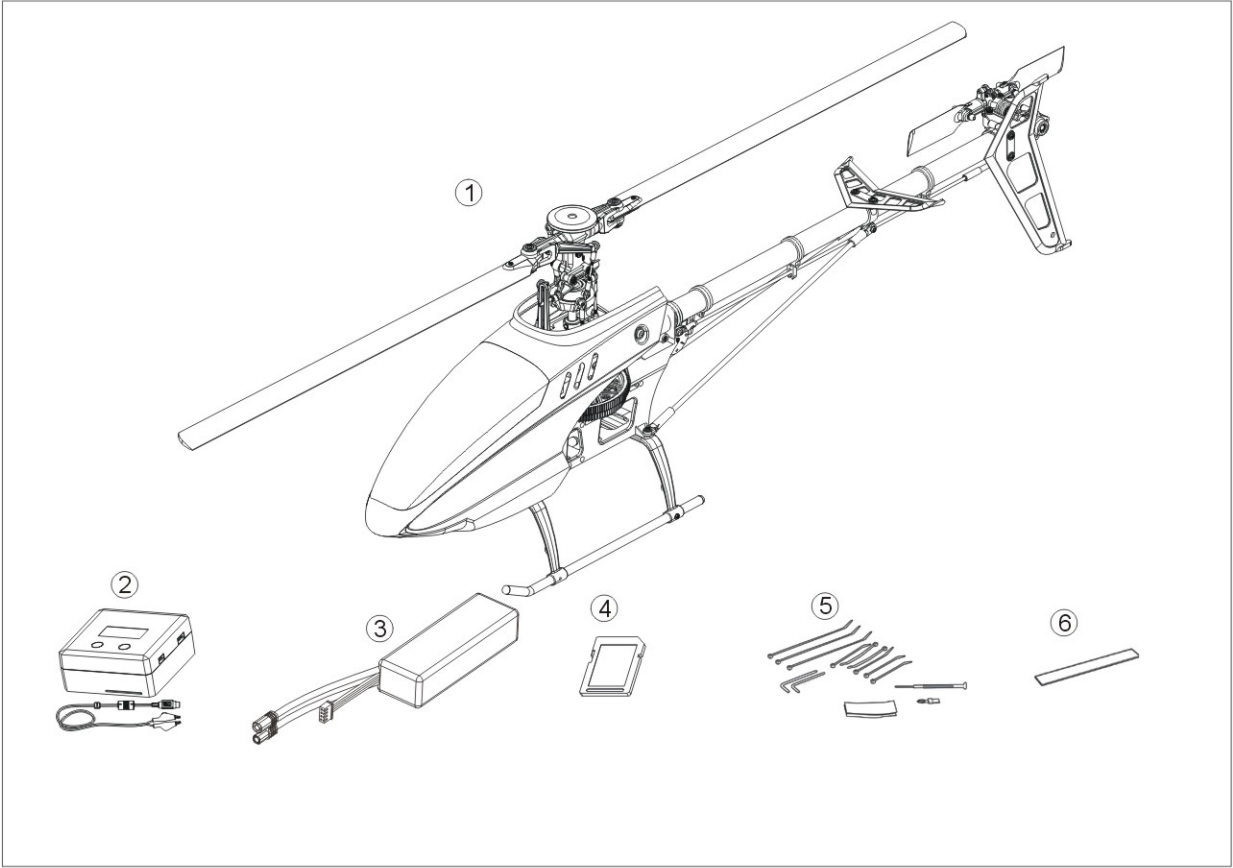
感谢您选择ESKY的产品。为了让您能够更好的了解和使用这台D700 3G BNF包装的直升机，我们衷心的希望你认真地阅读完这本说明书之后再进行相关操作，并请妥善保管以备后用。如需了解更多资讯，请访问ESKY官方网址：www.esky-sz.cn。

目 录

检查包装物及配件	1
直升机部件介绍	2
主翼夹头组装步骤	3
希拉臂组装步骤	4
机架组装步骤	5
主齿轮组装步骤	6
尾管组装步骤	7
尾旋翼组装步骤	8
拉杆支架组装步骤	9
动力系统组装步骤	10
机壳组装步骤	11
分解图	12
配件图	14

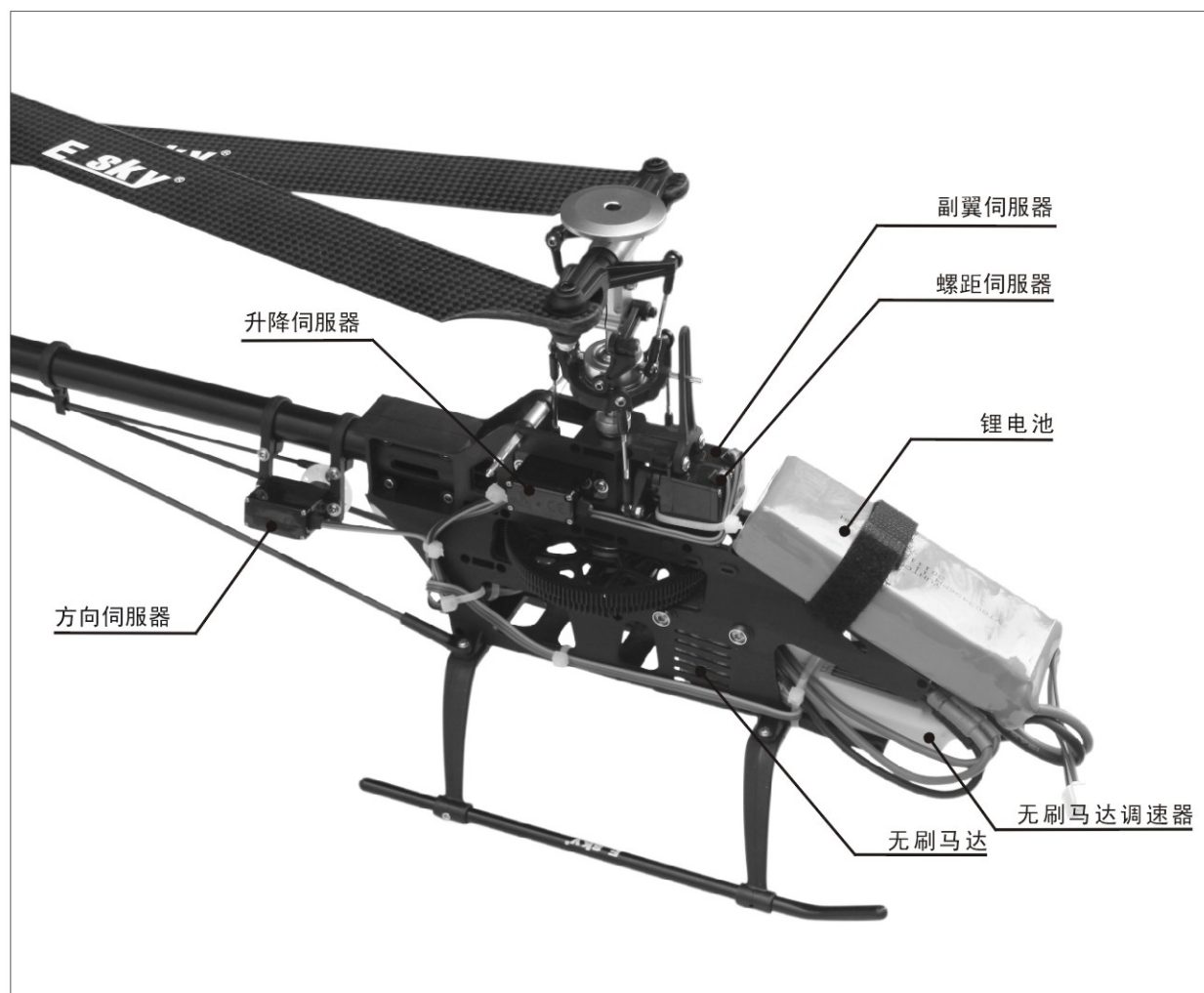
检查包装物及配件

打开包装盒后，请先检查附送配件是否齐全完整。若有遗漏，请向所销售单位反映、索取。



1.直升机	1
2.2-3节充电器	1
3.11.1V 2200mAh锂电池	1
4.SD卡	1
5.简易工具包	1
6.电池绑带	1

直升机部件介绍



主翼夹头组装步骤



内六角圆柱头螺丝 (M2*6)x2



内六角圆柱头螺丝 (M2*5)x1

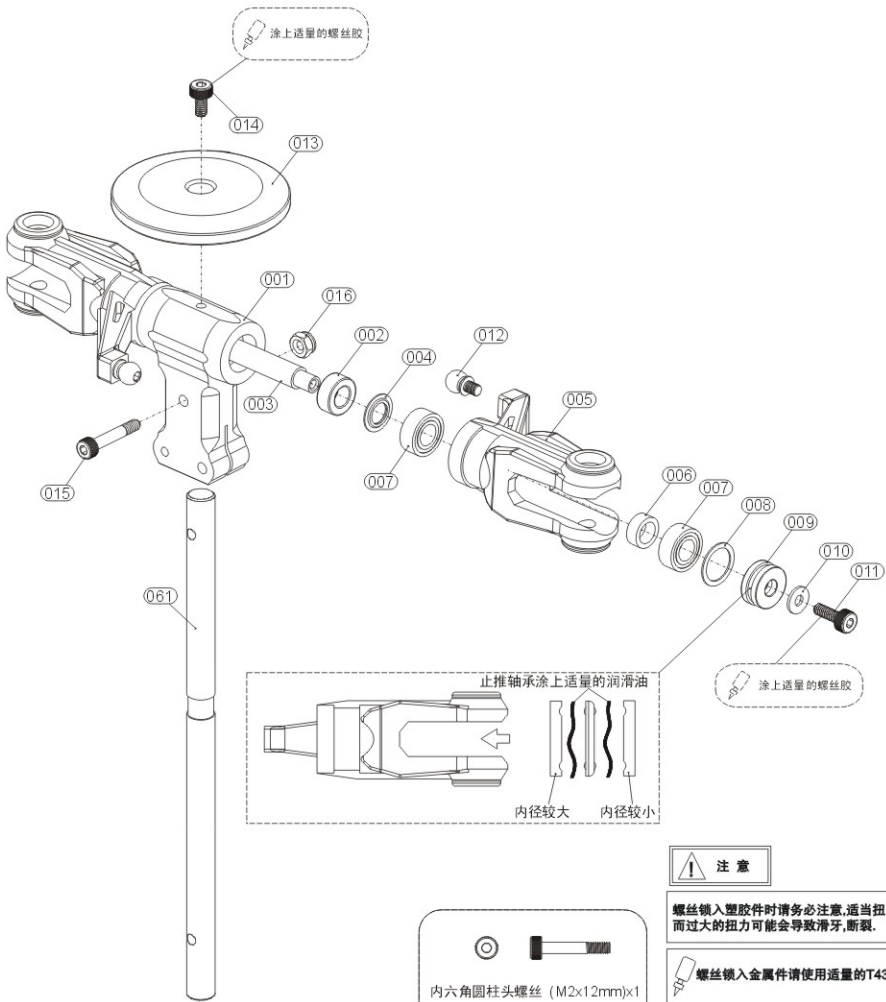


ø4.0球头螺丝 (M2*6.36)



M2.0 防松螺母x1

No.	Name	Specification	Quantity
001	主旋转头		1
002	○ 形圈	ø3.6*ø7.1*3.6	2
003	横轴		1
004	台阶垫片	ø4*ø7.5*0.5	2
005	主翼夹头		2
006	铜套	ø4*ø5.8*2.3	2
007	轴承	ø4*ø8*3	4
008	垫片	ø6.5*ø8*0.3	2
009	止推轴承	ø3*ø8*3.5	2
010	垫片	ø2*ø5*0.5	2
011	内六角圆柱头螺丝	M2*6	2
012	球头螺丝	Sø4*6.36	2
013	刹车碟		1
014	内六角圆柱头螺丝	M2*5	1
015	内六角圆柱头螺丝	M2*12	1
016	防松螺母	M2.0	1
061	主轴	ø5*124	1



希拉臂组装步骤

No.	Name	Specification	Quantity
017	希拉控制臂		2
018	铜套	∅2*∅3*1	2
019	轴承	∅2*∅5*2	4
020	台阶垫片	∅2*∅3.8*0.4	4
021	内六角圆柱头螺丝	M2*14	2
022	剪型臂		2
023	轴承	∅1.5*∅4*2	4
024	十字槽平圆头螺丝	ST1.4*4	4
025	倾斜盘		1
026	球头螺丝	S∅4*6.5	4
027	球头螺丝	S∅4*7.5	3
028	倾斜盘固定销	∅2.0*14	1
029	塑胶连杆头		4
030	拉杆	1.4*28	2



十字槽盘头螺丝 (M1.4*4mm)x4



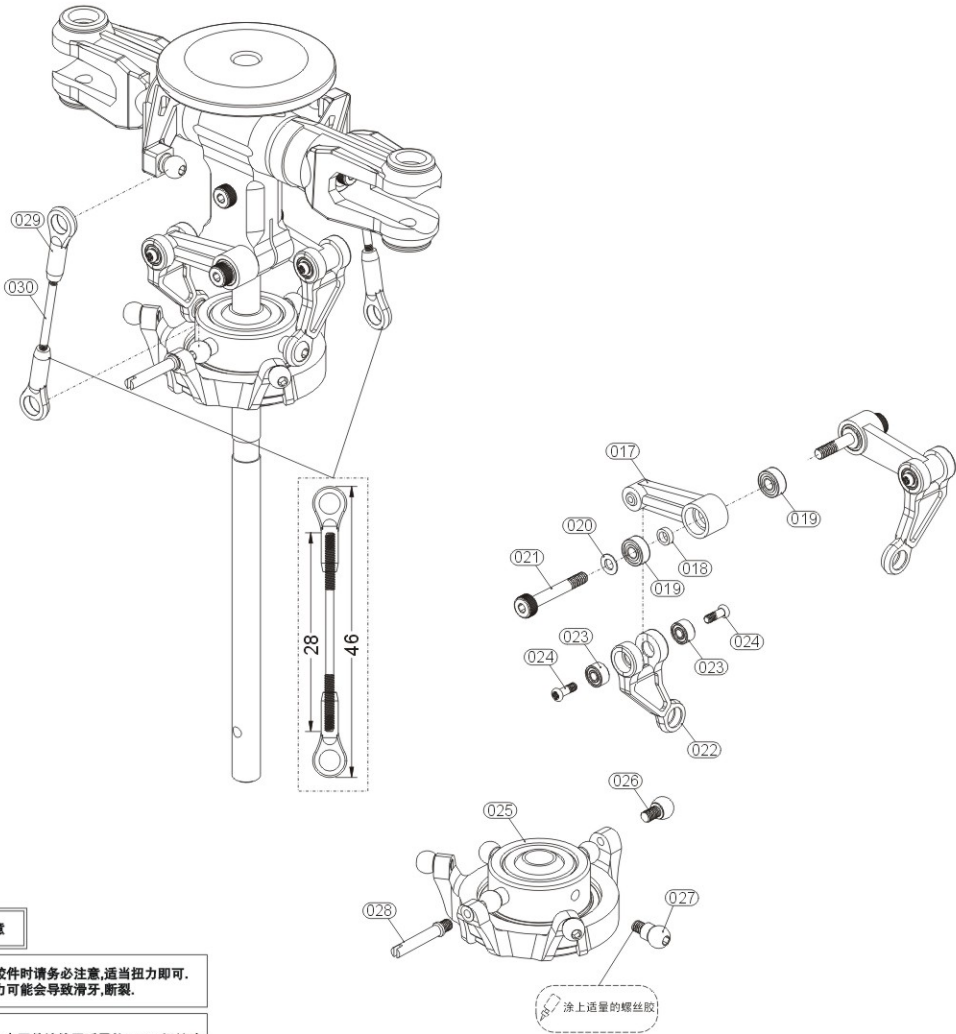
∅4.0球头螺丝 (M2*6.5)x3



∅4.0球头 M2*7.5mm)x4



内六角圆柱头螺丝 (M2x14mm)x2





注意

螺丝锁入塑胶件时请务必注意,适当扭力即可. 而过大的扭力可能会导致滑牙,断裂.



螺丝锁入金属件请使用适量的T43 (螺丝胶)

使用前, 请确认螺丝处于锁紧状态.

机架组装步骤



十字槽伞头螺丝 (ST2*6mm)x2



十字槽平头螺丝 (ST1.7*4mm)x2

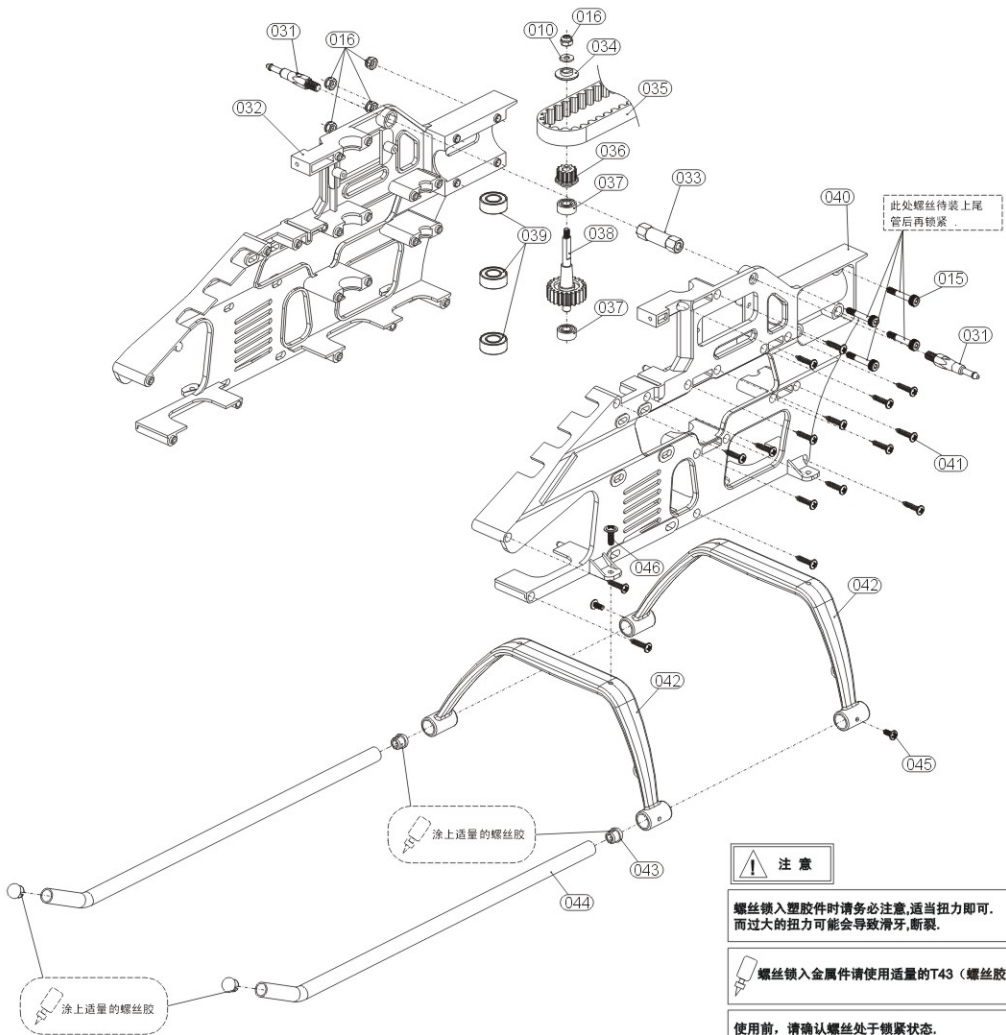


内六角圆柱头螺丝 (M2x12mm)x4



十字槽平头头螺丝 (ST1.7*9mm)x16

No.	Name	Specification	Quantity
031	机头罩固定柱		2
032	右侧板		1
033	连接杆		1
016	防松螺母	M2.0	5
010	垫片	Ø 2*Ø 5*0.5	1
034	前皮带轮盖		1
035	尾传动皮带		1
036	前同步皮带轮		1
037	轴承	Ø 3*Ø 7*3	2
038	尾从动齿轮		1
039	轴承	Ø 5*Ø 10*4	3
040	左侧板		1
015	内六角圆柱头螺丝	M2*12	4
041	十字槽平圆头螺丝	ST1.7*9	16
042	滑槽支架		2
043	滑槽管塞		4
044	滑槽		2
045	十字槽平圆头螺丝	ST1.7*4	2
046	十字槽伞头自攻牙螺丝	ST2*6	2



此处螺丝待装上尾管后再锁紧

涂上适量的螺丝胶

涂上适量的螺丝胶

注意

螺丝锁入塑胶件时请务必注意,适当扭力即可,而过大的扭力可能会导致滑牙,断裂。

螺丝锁入金属件请使用适量的T43 (螺丝胶)

使用前, 请确认螺丝处于锁紧状态。

主齿轮组装步骤

No.	Name	Specification	Quantity
047	金属固定座		1
048	单向轴承	$\varnothing 6 \times \varnothing 10 \times 12$	1
049	内六角沉头螺丝	ST2*6	4
050	主齿轮	140T	1
051	平面垫片	$\varnothing 6 \times \varnothing 10 \times 1$	1
052	副齿轮	110T	1
053	齿轮连轴器	$\varnothing 5 \times \varnothing 6 \times 22.2$	1
054	定位环		1
055	基米螺丝	M3x3	1
015	内六角圆柱头螺丝	M2*12	1
016	防松螺母	M2.0	1



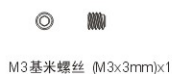
注意

螺丝锁入塑胶件时请务必注意,适当扭力即可,而过大的扭力可能会导致滑牙,断裂。

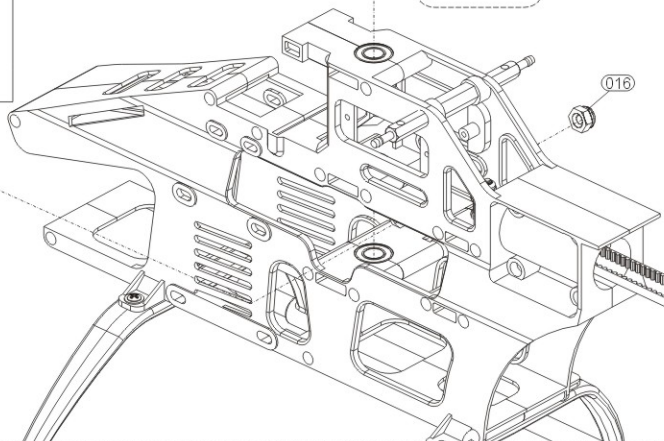
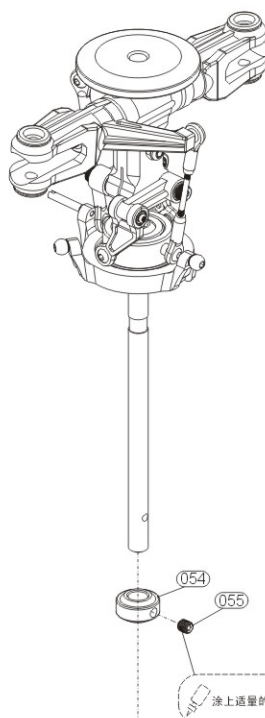
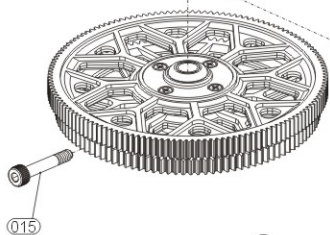
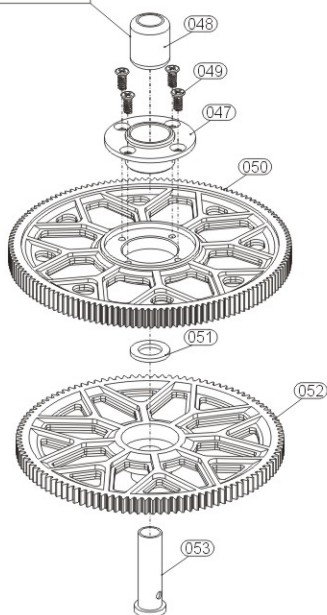


螺丝锁入金属件请使用适量的T43 (螺丝胶)

使用前, 请确认螺丝处于锁紧状态。



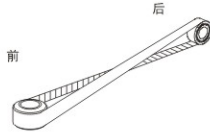
单向轴承有字体一面朝下



尾管组装步骤

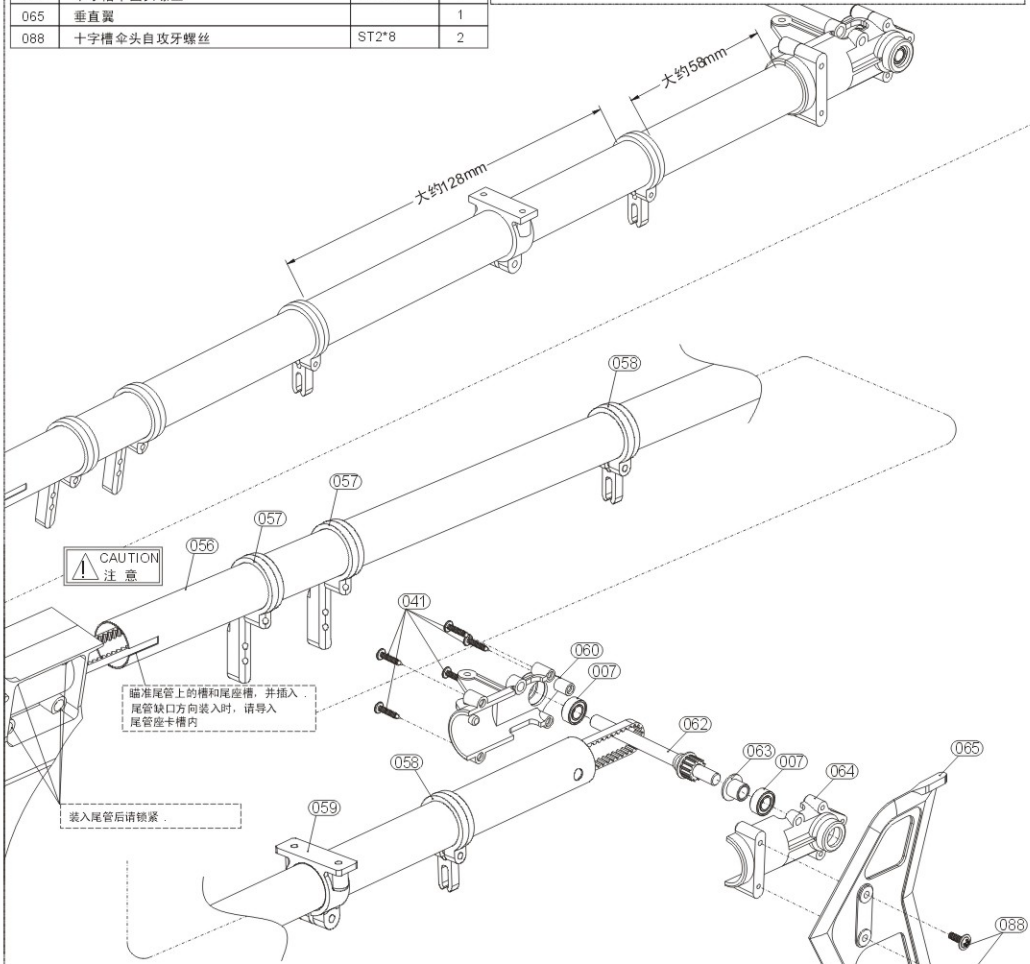
No.	Name	Specification	Quantity
056	尾管		1
057	尾舵机固定座		2
058	尾拉杆固定座		2
059	水平翼固定座		1
060	尾牙箱右		1
007	轴承	Ø4*Ø8*3	2
062	尾齿轮		1
063	尾齿轮盖		1
064	尾牙箱左		1
041	十字槽平圆头螺丝	ST1.7*9	5
065	垂直翼		1
088	十字槽伞头自攻牙螺丝	ST2*8	2

注意



尾传动皮带装配示意图

- 1. 组装时确认皮带顺转 90 度。
- 2. 皮带紧度：建议尾管组装后皮带请稍微拉紧，避免震动皮带磨损或转动打滑



注意

螺丝锁入塑胶件时请务必注意,适当扭力即可. 而过大的扭力可能会导致滑牙,断裂.

螺丝锁入金属件请使用适量的T43 (螺丝胶)

使用前, 请确认螺丝处于锁紧状态.



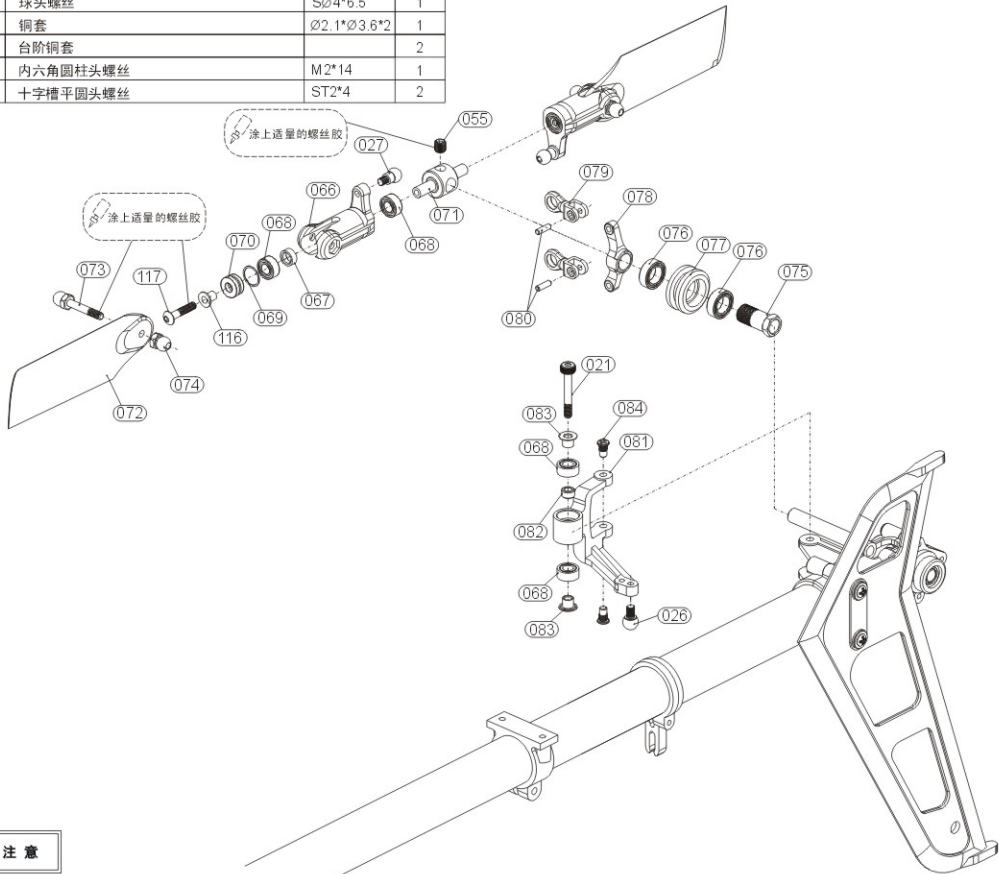
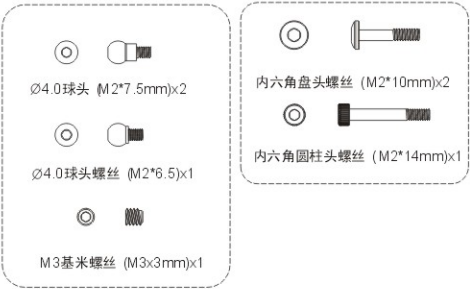
十字槽平圆头螺丝 (ST1.7*9mm)×5



十字槽伞头螺丝 (ST2*8mm)×2

尾旋翼组装步骤

No.	Name	Specification	Quantity
066	尾翼夹头		2
027	球头螺丝	S $\varnothing$ 4*7.5	2
067	铜套	$\varnothing$ 3* $\varnothing$ 4.5*1.6	2
068	轴承	$\varnothing$ 3* $\varnothing$ 6*2.5	4
069	垫片	$\varnothing$ 5.1* $\varnothing$ 6*0.1	4
070	止推轴承	$\varnothing$ 2.5* $\varnothing$ 6*3	2
116	金属衬套		2
071	金属旋转头		1
117	内六角盘头螺丝	M2*10	2
072	尾旋翼		2
073	金属球头		2
074	金属球头		2
075	尾滑铜套		1
076	轴承	$\varnothing$ 5* $\varnothing$ 8*2.5	2
077	尾滑座		1
078	尾中心座滑套		1
079	单孔拉杆		2
080	圆柱销	$\varnothing$ 1.5*5	2
055	基米螺丝	M3x3	1
081	尾摇臂		1
026	球头螺丝	S $\varnothing$ 4*6.5	1
082	铜套	$\varnothing$ 2.1* $\varnothing$ 3.6*2	1
083	台阶铜套		2
021	内六角圆柱头螺丝	M2*14	1
084	十字槽平圆头螺丝	ST2*4	2



 注意

螺丝锁入塑胶件时请务必注意,适当扭力即可。而过大的扭力可能会导致滑牙,断裂。

 螺丝锁入金属件请使用适量的T43 (螺丝胶)

使用前,请确认螺丝处于锁紧状态。

拉杆支架组装步骤

No.	Name	Specification	Quantity
094	十字槽平圆头螺丝	ST1.7*4	1
095	尾拉杆头		1
096	尾拉杆	∅2*270	1
097	尾拉杆连接件		1
098	无头螺纹拉杆	∅1.4*26	1
029	塑胶连杆头		1
099	十字槽盘头螺丝	ST1.7*6	2

No.	Name	Specification	Quantity
085	尾支撑杆头 A		2
086	尾支撑杆	∅3*250	2
087	尾支撑接头 B		2
088	十字槽伞头自攻牙螺丝	ST2*8	4
089	内六角圆柱头螺丝	M2*16	1
016	防松螺母	M2.0	1
090	水平翼		1
046	十字槽伞头自攻牙螺丝	ST2*6	4
091	舵机		1
092	舵机摆臂		1
026	球头螺丝	S∅4*6.5	1
093	螺母	M2.0	1

约310mm

90 度

为了摆臂有足够行程与反应速度，建议球头装配如图所示尺寸。

十字槽盘头螺丝 (ST1.7*6mm)×2

十字槽平圆头螺丝 (ST1.7*4mm)×1

十字槽伞头螺丝 (ST2*6mm)×4

十字槽伞头螺丝 (ST2*8mm)×4

∅4.0球头螺丝 (M2*6.5)×1

内六角圆柱头螺丝 (M2*16mm)×1

M2.0 防松螺母×1

注意

螺丝锁入塑胶件时请务必注意,适当扭力即可。而过大的扭力可能会导致滑牙,断裂。

螺丝锁入金属件请使用适量的T43 (螺丝胶)

使用前, 请确认螺丝处于锁紧状态。

动力系统组装步骤



十字槽伞头螺丝 (ST2*6mm)x2



十字槽伞头螺丝 (ST2*8mm)x2



M3 基米螺丝 (M3x3mm)x1



内六角圆柱头螺丝 (M3*10mm)x2



内六角盘头螺丝 (M3*8mm)x2



十字槽平圆头螺丝 (ST1.7*4mm)x3



ø4.0球头螺丝 (M2*6.5)x3

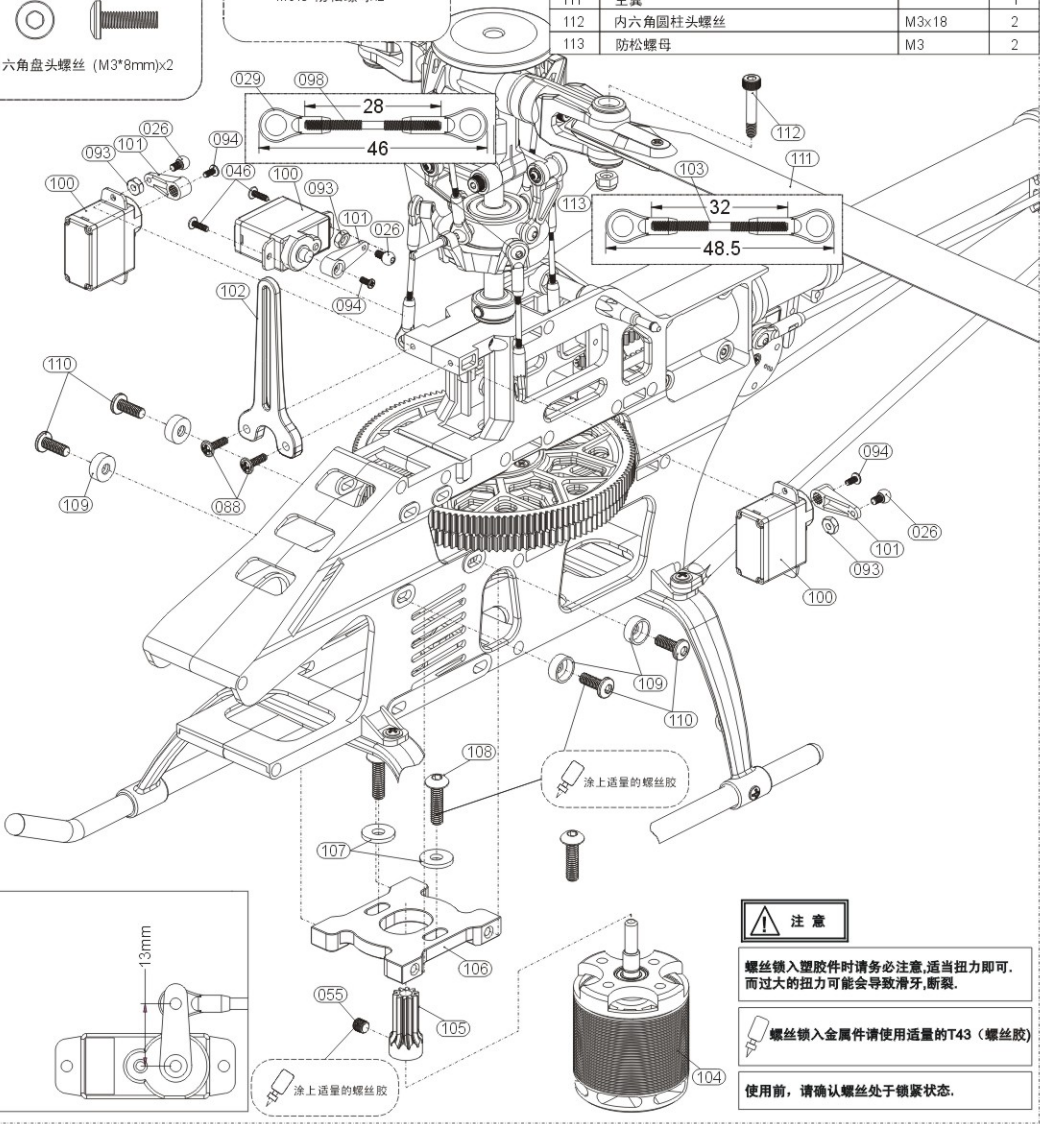


内六角圆柱头螺丝 (M3*18mm)x2



M3.0 防松螺母x2

No.	Name	Specification	Quantity
100	舵机		3
101	舵机摆臂		3
026	球头螺丝	Sø4*6.5	3
094	十字槽平圆头螺丝	ST1.7*4	3
046	十字槽伞头自攻牙螺丝	ST2*6	2
102	限位挡块		1
088	十字槽伞头自攻牙螺丝	ST2*8	2
029	塑胶连杆头		6
030	无头螺纹拉杆	Ø1.4*28	2
103	无头螺纹拉杆	Ø1.4*32	1
104	无刷马达		1
105	马达齿		1
055	基米螺丝	M3x3	1
106	马达座		1
107	垫片	Ø3.1*Ø8*1	2
108	内六角圆柱头螺丝	M3x8	2
109	金属衬套		4
110	内六角盘头螺丝	M2.5x7	4
111	主翼		1
112	内六角圆柱头螺丝	M3x18	2
113	防松螺母	M3	2



28

46

32

48.5

13mm

涂上适量的螺丝胶

注意

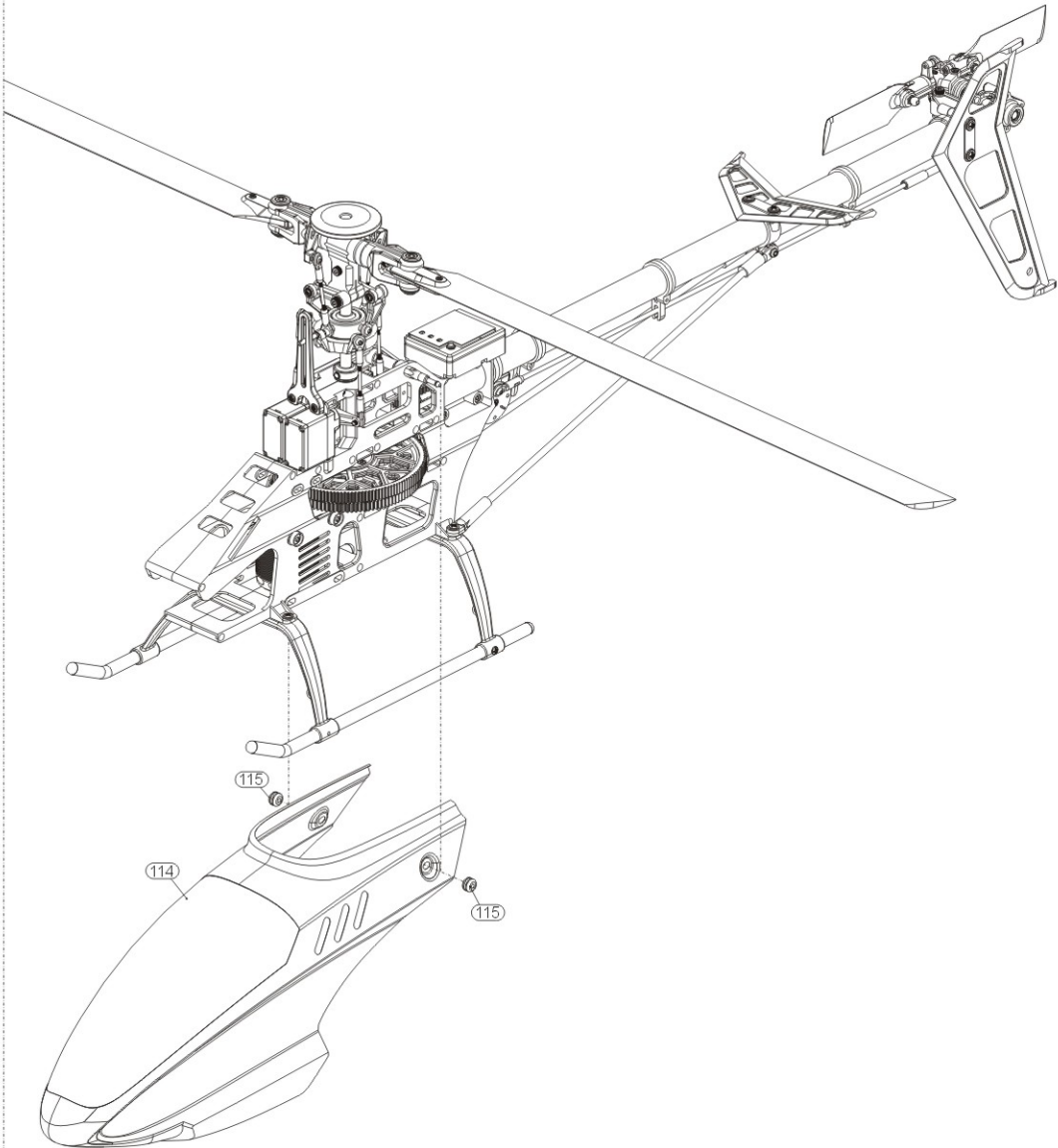
螺丝锁入塑胶件时请务必注意,适当扭力即可,而过大的扭力可能会导致滑牙,断裂。

螺丝锁入金属件请使用适量的T43 (螺丝胶)

使用前,请确认螺丝处于锁紧状态。

机壳组装步骤

No.	Name	Specification	Quantity
114	机壳		1
115	护垫		2



分解图



零件清单

No.	Name	Specification	Quantity	No.	Name	Specification	Quantity
001	主旋转头		1	072	尾旋翼		2
002	○ 形圈	Ø3.6*Ø7.1*3.6	2	073	金属球头		2
003	横轴		1	074	金属球头		2
004	台阶垫片	Ø4*Ø7.5*0.5	2	075	尾滑铜套		1
005	主翼夹头		2	076	轴承	Ø5*Ø8*2.5	2
006	铜套	Ø4*Ø5.8*2.3	2	077	尾滑座		1
007	轴承	Ø4*Ø8*3	6	078	尾中心座滑套		1
008	垫片	Ø6.5*Ø8*0.3	2	079	单孔拉杆		2
009	止推轴承	Ø3*Ø8*3.5	2	080	圆柱销	Ø1.5*5	2
010	垫片	Ø2*Ø5*0.5	3	081	尾摆臂		1
011	内六角圆柱头螺丝	M2*6	6	082	铜套	Ø2.1*Ø3.6*2	1
012	球头螺丝	SØ4*6.36	2	083	台阶铜套		2
013	刹车碟		1	084	十字槽平圆头螺丝	ST2*4	2
014	内六角圆柱头螺丝	M2*5	1	085	尾支撑杆头 A		2
015	内六角圆柱头螺丝	M2*12	6	086	尾支撑杆	Ø3*250	2
016	防松螺母	M2.0	8	087	尾支撑接头 B		2
017	希拉控制臂		2	088	十字槽伞头自攻牙螺丝	ST2*8	6
018	铜套	Ø2*Ø3*1	2	089	内六角圆柱头螺丝	M2*16	1
019	轴承	Ø2*Ø5*2	4	090	水平翼		1
020	台阶垫片	Ø2*Ø3.8*0.4	4	091	舵机		1
021	内六角圆柱头螺丝	M2*14	2	092	舵机摆臂		1
022	剪型臂		2	093	螺母	M2.0	4
023	轴承	Ø1.5*Ø4*2	4	094	十字槽平圆头螺丝	ST1.7*4	4
024	十字槽平圆头螺丝	ST1.4*4	4	095	尾拉杆头		1
025	倾斜盘		1	096	尾拉杆	Ø2*270	1
026	球头螺丝	SØ4*6.5	8	097	尾拉杆连接件		1
027	球头螺丝	SØ4*7.5	6	098	无头螺纹拉杆	Ø1.4*24	1
028	倾斜盘固定销	Ø2.0*14	1	099	十字槽盘头螺丝	ST1.7*6	2
029	塑胶连杆头		11	100	舵机		3
030	拉杆	1.4*28	4	101	舵机摆臂		3
031	机头罩固定柱		2	102	限位挡块		1
032	右侧板		1	103	无头螺纹拉杆	Ø1.4*32	1
033	连接杆		1	104	无刷马达		1
034	前皮带轮盖		1	105	马达齿		1
035	尾传动皮带		1	106	马达座		1
036	前同步皮带轮		1	107	垫片	Ø3.1*Ø8*1	2
037	轴承	Ø3*Ø7*3	2	108	内六角圆柱头螺丝	M3x8	2
038	尾从动齿轮		1	109	金属衬套		4
039	轴承	Ø5*Ø10*4	3	110	内六角盘头螺丝	M2.5x7	4
040	左侧板		1	111	主翼		1
041	十字槽平圆头螺丝	ST1.7*9	21	112	内六角圆柱头螺丝	M3x18	2
042	滑撬支架		2	113	防松螺母	M3	2
043	滑撬管塞		4	114	机壳		1
044	滑撬		2	115	护垫		2
045	十字槽平圆头螺丝	ST1.7*4	2	116	金属衬套		2
046	十字槽伞头自攻牙螺丝	ST2*6	8	117	内六角盘头螺丝	M2*10	2
047	金属固定座		1				
048	单向轴承	Ø6*Ø10*12	1				
049	内六角沉头螺丝	ST2*6	4				
050	主齿轮	140T	1				
051	平面垫片	Ø6*Ø10*1	1				
052	副齿轮	110T	1				
053	齿轮连轴器	Ø5*Ø6*22.2	1				
054	定位环		1				
055	基米螺丝	M3x3	3				
056	尾管		1				
057	尾舵机固定座		2				
058	尾拉杆固定座		2				
059	水平翼固定座		1				
060	尾牙箱右		1				
061	主轴	Ø5*124	1				
062	尾齿轮		1				
063	尾齿轮盖		1				
064	尾牙箱左		1				
065	垂直翼		1				
066	尾翼夹头		2				
067	铜套	Ø3*Ø4.5*1.6	2				
068	轴承	Ø3*Ø6*2.5	6				
069	垫片	Ø5.1*Ø6*0.1	4				
070	止推轴承	Ø2.5*Ø6*3	2				
071	金属旋转头		1				

配件图

004055 	004057 	004058 	004059 
主翼	主旋转头组	主翼夹头组	希拉控制臂组
003960 	003963 	003966 	003967 
横轴组	希拉控制臂组	伺服器连杆头	倾斜盘组
003968 	003969 	003970 	003971 
橡胶垫	主齿轮	副齿轮	主轴组
003972 	003973 	003974 	003975 
机架组	尾传动齿轮组	马达固定座组	十字盘导板
003976 	003977 	003978 	003979 
机壳支架	尾旋转头	尾翼夹头组	尾控制L臂组
003980 	003981 	003982 	003983 
尾齿轮箱组	尾管	尾舵固定座组	尾拉杆固定座组

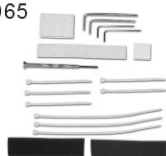


004061



螺丝包

004065



工具包

003914



倾斜盘伺服器

003721



尾伺服器

004061



2&3节

3A充电器

003747



35A无刷马达调速器

003949



11.1V 2200mAh

锂电池

004056



机头罩

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