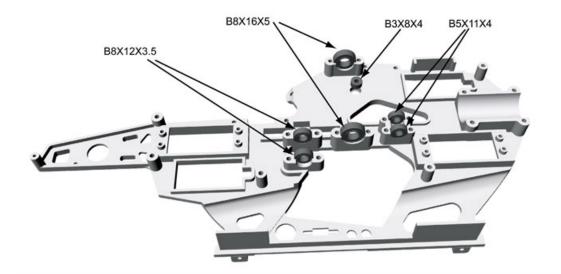
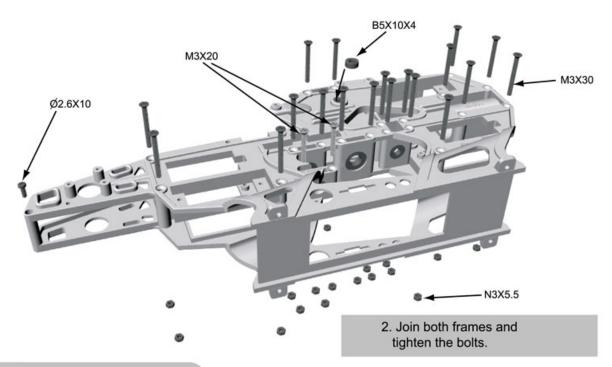


Specification:

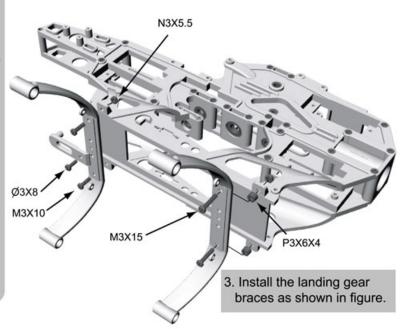
Frame Assembly	P1~P3
Rotor Head Assembly	P4~P5
Tail Assembly	P6~P7
Electronics Installation and Wiring	P8
Helicopter Setup	P9
Carbon Frame Assembly (Option)	P10
Replacement Parts	P11~P14
Optional Parts	P15~P16



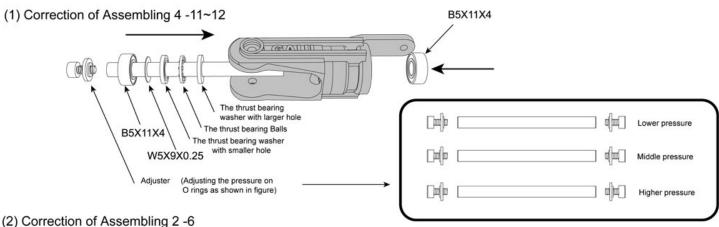
1. Install the bearings onto the frame.

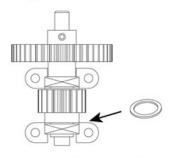


Mark	Indication (mm)
B-Bearing	B(Dia.in)x(Dia.out)x(Thicknes
O-Tap Scre	w O(Dia.out)x(Length)
M-Machine	Screw M(Dia.out)x(Length)
N-Nut	N(Dia.in)x(Width)
P-Tube Pillar	P(Dia.in)x(Dia.out)x(Length) P(Dia.out)x(Length)
W-Washer	W(Dia.in)x(Dia.out)x(Thicknes



Correction



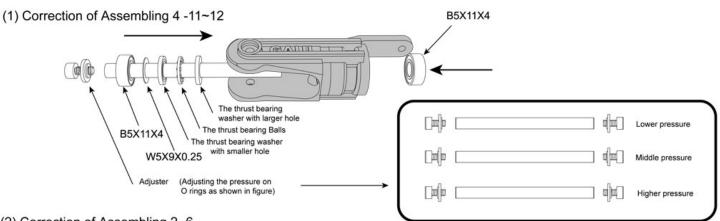


Just one washer(W8x10.5x0.5) is needed to be installed onto the bottom of the one-way gear

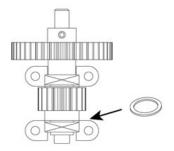
(3) The plastic spacer of the main rotor grip should be removed.



Correction



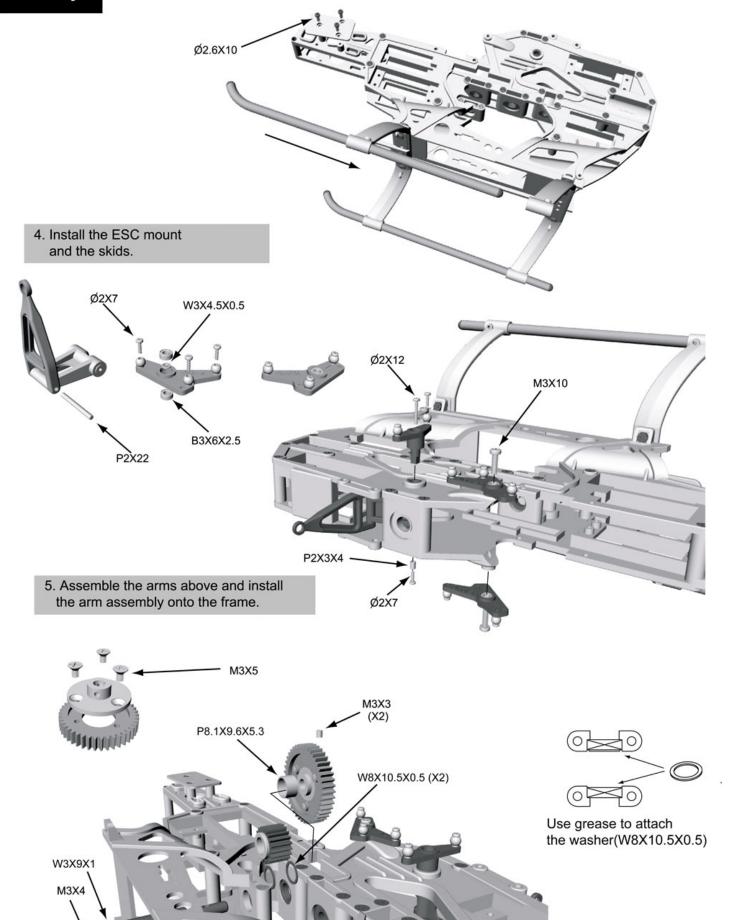
(2) Correction of Assembling 2-6



Just one washer(W8x10.5x0.5) is needed to be

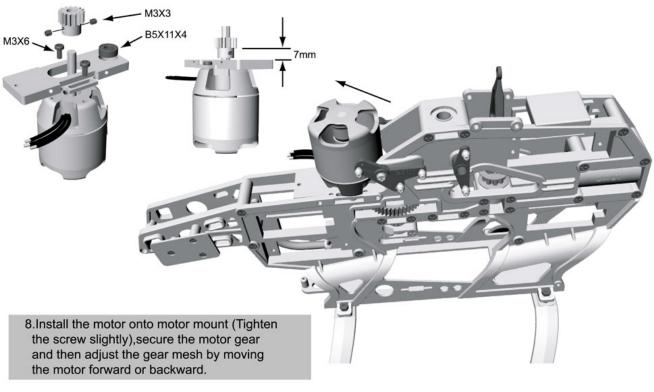
(3) The plastic spacer of the main rotor grip should be removed.

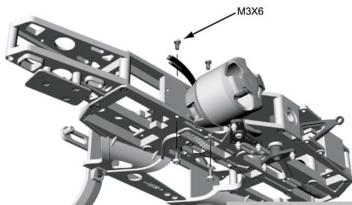




6.Assemble the front main gear and hub, join the one way gear and shaft and the front main gear

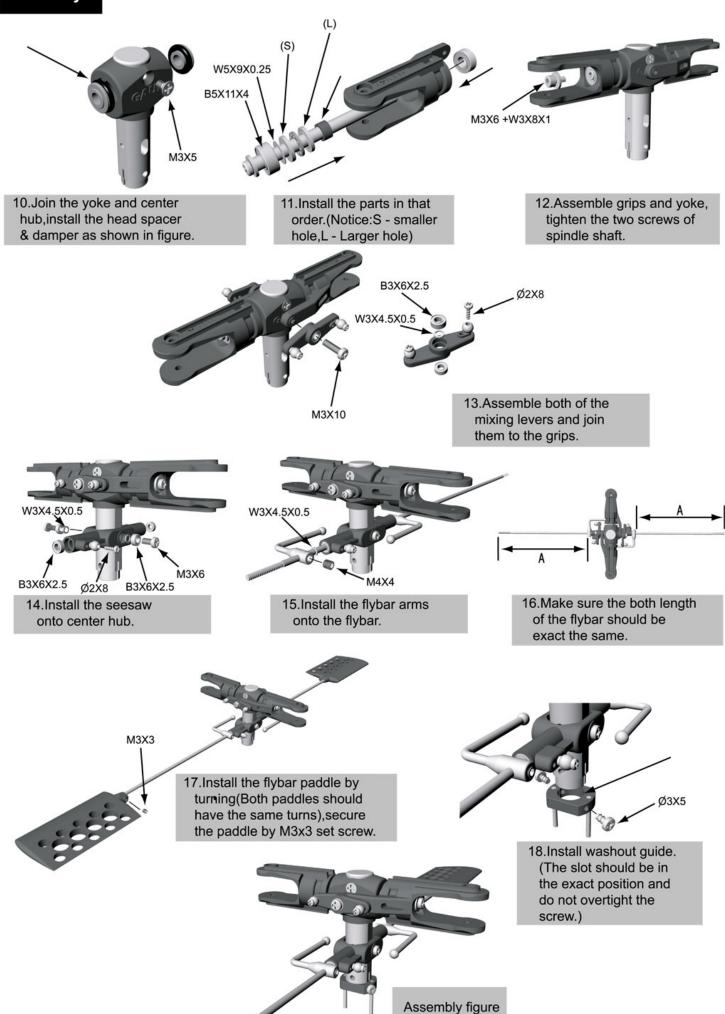
7.Install the pullet shaft and the front pulley,tighten the screw(M2x10) at the flat side of the pulley race.(as shown in perspective)

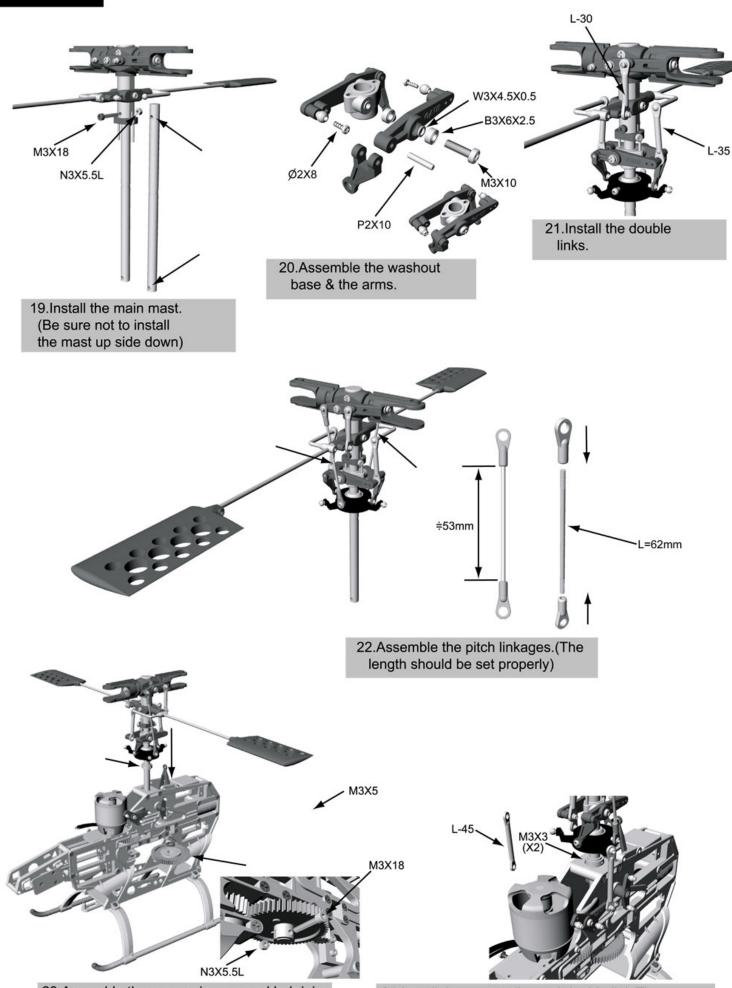




9. After the gear mesh is set properly, remove the mount (with motor and gear), then tighten the motor screws and install them onto frame.

Downloaded from www.Manualslib.com manuals search engine





23.Assemble the rear main gear and hub,join Downloaded from it with the main mast and frame assembly.

24.Install the mast collar and double link.The mast should not able to be moved up and down.

Assembly 6



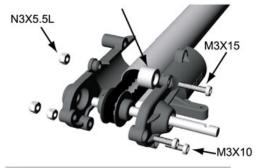
25.Install the bearings.



26.Install the tail pulley and the shaft.



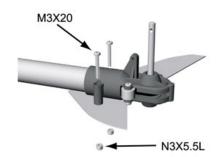
27. Secure the tail pulley with the pin.



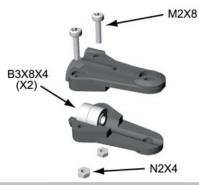
28.Install the tail pulley and the tail gear cases.



Notice: The tail gear case should be installed exactly.



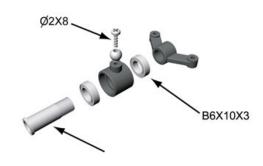
29.Install the vertical fin.



30. Assemble the tail rotor grips.



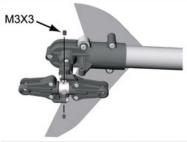
31. Assemble the grips and the hub.



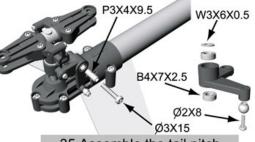
32. Assemble the tail pitch slider and the bush.



33. Assemble the grips assembly & the pitch slider assembly.



34.Install the grips & the pitch slider assembly, tighten the set screws.



35.Assemble the tail pitch control lever and install it onto tail gear case.

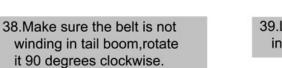


36.Install the tail rotor blades.



37.Install the tail support clamp and the rudder control guide.



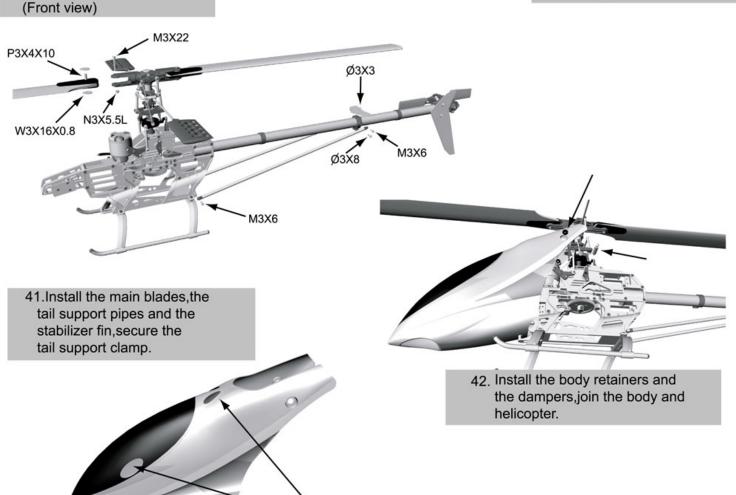




39.Loosen the 4 screws and install the tail boom.



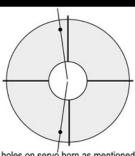
40.Hook the belt onto the pulley ,set the belt tention properly and retighten the screws.



Cut out the air intake holes for the better cooling.

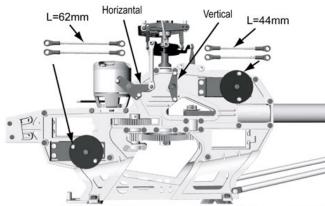


Servo and electrics installation

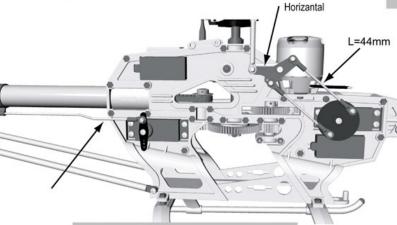


*Drill the holes on servo horn as mentioned below if using the parts of 204511 and 204514. Use the standard 180 degrees servo horn for the CNC parts 204612 and 204614 (No drilling

1.Cut off this diagram and drill two holes on servo horn, secure the metal balls onto the horn.

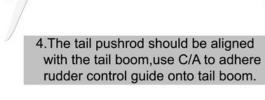


2.Install the servos and the linkages, the length of the linkage should be set exactly.

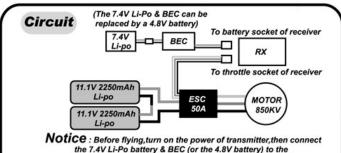


Notice: With the servo at its neutral position, make sure the four control sticks are all in middle position, and the setting of CCPM SWASH AFR are all in 50%.

3.Install the rudder servo and the tail pushrod as shown in figure.



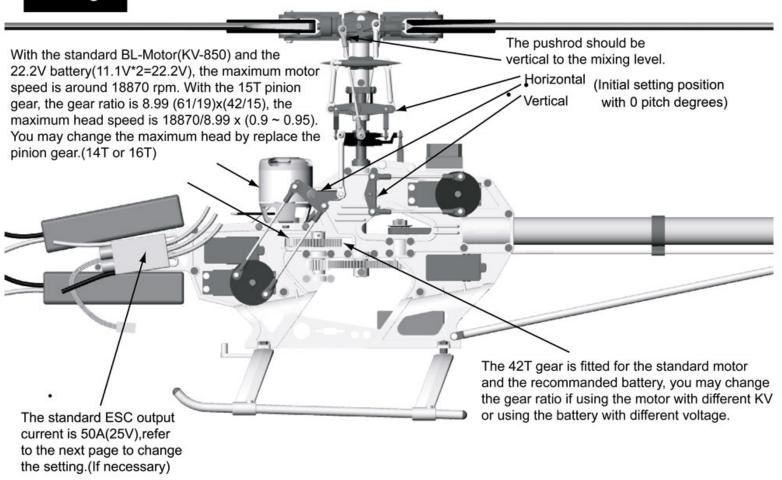
5.Install the gyro ,receiver(Use the double side tape) and the ESC.(Use the cable tie)



Notice: Before flying,turn on the power of transmitter,then connect the 7.4V Li-Po battery & BEC (or the 4.8V battery) to the receiver, and finally connect the 22.2V batery to the ESC. Disconnect the circuit in reverse order after flying.

6.Use the releasable cable tie to secure the batterie.

Downloaded from w



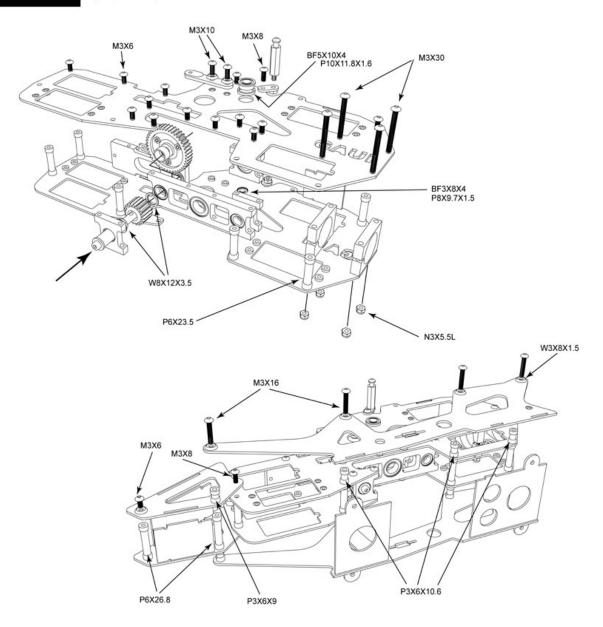
Initial pitch setting

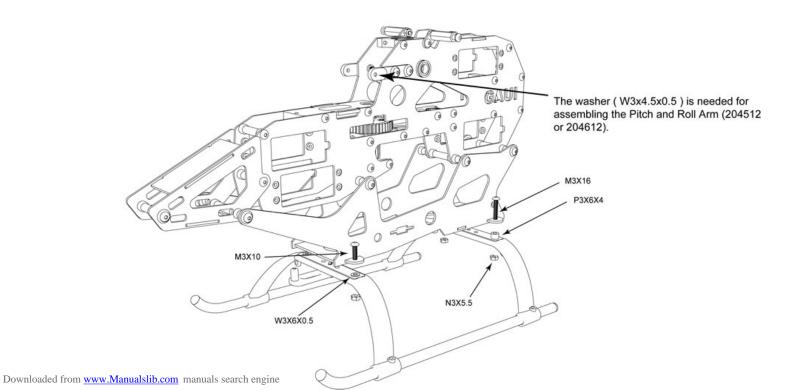
Pitch Stick	100%	50%	0%
Normal	8°	3°	-3°
ldle	10°	0°	-10°

ESC Setting

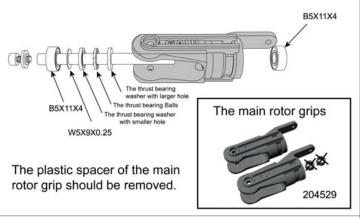
Initial setting is for Li-Po battery and helicopter mode.

- A. Initial setting: Turn on the power of transmitter, move the throttle stick to the low position, turn on the power of receiver (the servos should be able to be controlled now), connect the 22.2V battery and the ESC, it is ready for flying after hearing the acknowledge tones.
- B. Manual setting: Turn on the power of transmitter, move the throttle stick to the high position, turn on the power of receiver, connect the 22.2V battery and the ESC, you will hear the acknowledge tones bi--bi--bi--bi--bi--bi, move the throttle stick to the low position, after hearing the acknowledge tones bi--bi--bi, it is ready for manual setting and get into function-1 directly, and then comes the acknowledge tones bi--bi(Li-Po battery mode), if you use the Li-Po battery, move the throttle stick to the high position now ,you will hear the acknowledge tones bi--bi--bi --bi(You had get into Li-Po battery mode already), or leave the stick at the low position and wait until hearing the acknowledge tones bi--bi-bi(NiMH battery mode), then move the throttle stick to the high position to get into NiMH battery mode. Now it will get into function-2 directly, if you intend to choose the option of Helicopter with Governor, wait until hearing the acknowledge tones bi-bi---bi-bi-bi-bi and move the throttle stick to the high position, disconnect the 22.2V battery and ESC, turn off the power of receiver (You had get into Governor mode already).

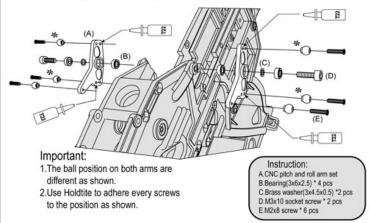




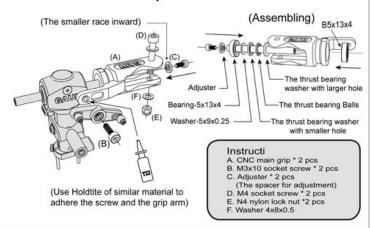
The Plastic Main Grip Set-204529



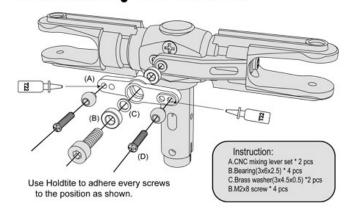
The CNC Pitch & Roll Arm Set-204612



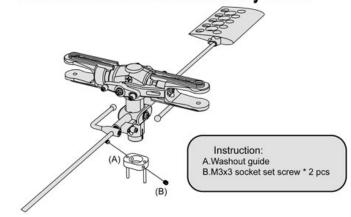
The CNC Main Grip Set-204629



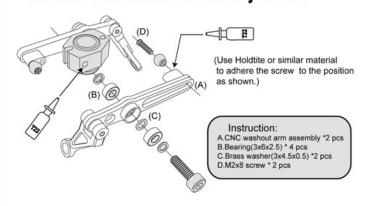
The CNC Mixing Lever Set-204632

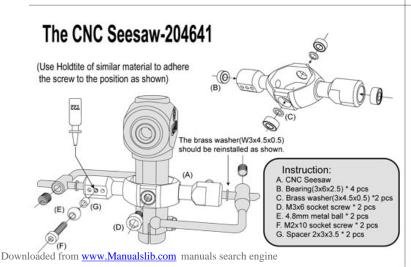


The CNC Washout Guide Assembly-204635

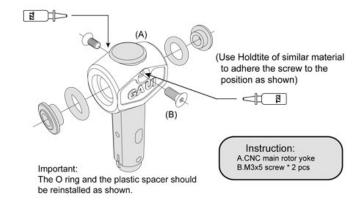


The CNC Washout Arm Assembly-204637

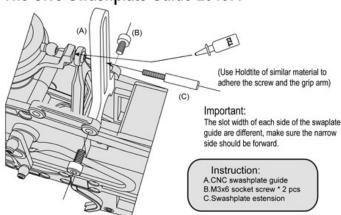




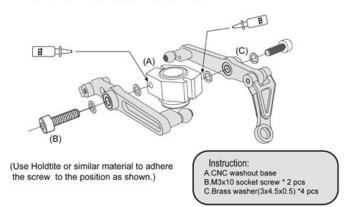
The CNC Main Rotor Yoke-204676



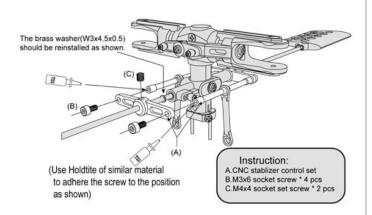
The CNC Swashplate Guide-204677



The CNC Washout Base-204678



The CNC Stablizer Control Set-204679



Replacement Parts - 1

Main Frame Set	Brace & Skid Set	ESC Mount	Pitch & Roll Arm Set
		333	
204010	204180	204511	204512
Elevator Arm (F&R) Set	Elevator Lever	Front Main Gear 42T-204021 50T-204621	Rear Main Gear (61T)
Front Gear Hub Set	Rear Gear Hub Set	Pulley shaft with Gear	Front Pulley Set
204521	204522	204523	204524
One Way Gear Assembly (19T)	One Way Gear Shaft Set	550 Brushless Motor (1000W-850KV)	Motor Mount Set
204576	204582	855501	20458
Main Rotor Yoke Set	Main Grip Set	Head Spacer & Damper Set	
204528 Mixing Lever Set	204529 Seesaw	204530 Flybar Arms Set	204531 Flybar
			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
		90	

Replacement parts - 2

Flybar Paddles Set	Washout Guide As	sembly	Main Masts Pack		Washout Base	
-2000		8				
2045	2000	204535		204536	Double Lield (1945)	2040
Washout Arm Assembly	Double Link(L-30)		Double Link(L-35)	P	Double Link(L-45)	
2045	37	204538		204539		2045
Adjust Rods Pack	Ball Links Pack	0	Ball with Stand(4.8m	nm)	Swash Plate Assemb	oly
	9999	99	್ರಾತಿ			
2045	41	204542		204543		2045
Mast Collar Set	Tail Gear Case Se		Tail Pulley Set		Tail Output Shaft	
2045	25 - 870 - 1874 - 87 - 1975 - 2985 -	204546		204547	50,000(0 00 00 0 0 000000 000000 00000	2041
Guide Wheel Assembly	Tail Rotor Belt(572	1	Tail Boom	204404	Fin & Stabilizer Set	2045
2045 Tail Grips Set	Tail Hub Set	865001	Tail Pitch Slider Set	204191	Tail Pitch Slider Busl	2045 n
		J.				
- 399	8					

Replacement parts - 3

T 11 D 11 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1			B 11 6 : 15 ::
Tail Pitch Control Lever Set	Tail Rotor Blade Set	Tail Support Clamp	Rudder Control Guide
Sho show			S S
204553	204554	204555	20455
Tail Supporter Pipe	Wooden Main Rotor Blades	Canopy & Body Assembly (White)	Body Retainers Pack
204557	475L 204301 500L 204302 550L 204303	204160	20455
Pinion Gear (Steel)	Ball Bearings Pack(3x6x2.5)x4	Ball Bearings Pack(3x8x4)x4	Ball Bearings Pack(4x7x2.5)
13T 901301 14T 901401 15T 901501			9
16T 901601	204560	204561	20456
Ball Bearings Pack(5x10x4)	Ball Bearings Pack(5x11x4)x4	Ball Bearings Pack(6x10x3)x2	Ball Bearing with washer (8x12x3.5)x2
805104	204563	204564	204578
Ball Bearings Pack(8x16x5)x2	Thrust Bearings Pack(5x10x4)x2	M3 Bolts Pack(M3x30&20)	M2 Bolts Pack(M2x8)x20
		<i>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</i>	
204566	204567	204569	2045
Self Taping Screw(2x7) PPPPP PPPP PPPP PPPP	N2 Nut	N3 Nut	N3 Nylon Lock Nut
204571	204572	204573	2045

Replacement parts - 4

Tall Control D. 1	Broom Cot	Skid Set	Skid Damper Pubber
Tail Control Rod	Brace Set	Skid Set	Skid Damper Rubber
			9999
204195	204188	204189	20458
ESC 50A(GE-050)	BEC(GB-003)	Li-Po Battery (11.1v 2200mah 25C)	Li-Po Battery (7.4v 800mah)
通道			- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
923501	923502	926220	92608
Short Tail Boom (for 475L ~ 500L Blades)	Tail Rotor Belt(522XL)	Tail Control Rod (for short tail boom)	Short Tail conversion Set Including 204192 2043 204194 8650
			• 3
204192	865002	204194	20457
Blade Support	Assembly Instruction Hurricane MR Hurricane MR Hurricane MR Hurricane MR Assembly	Bearing Washer Pack (W3x4.5x0.5)	Washer Pack for Wooden Bla
910010	204902	204351	20435
Decal(1) Hurricane San Hurricane San San Hurricane San	Heading Hold Gyro(NT-400)	Reusable Cable Tie(Set of 4)	
204903	924201	910020	

Optional parts - 1

Carbon Frame Set	Carbon Frame Left	Carbon Frame Right	Gyro Mount (Silver Fiber)
204690	204691	204692	2046
Side Frame (Silver Fiber)	Bottom Plates (Silver Fiber)	Battery Mount (Silver Fiber)	Body Retainer Bracket
			<i>₽</i>
204694	204695	204696	2046
Mount for Pitch & Roll arm	Bearing Mounts for CF Frames	Boom Clamps for CF Frames	Spacer & Screw pack for CF Frames
		SE III	THE PERSON NAMED IN THE PE
204698	204699	204700	2047
CNC Main Rotor Head Ass'y (with Swashplate & Guide)	CNC Main Rotor Yoke Set	CNC Main Rotor Yoke	CNC Main Grip Set
204680	A. (100 dans 100 day) 2 4 4 1 2	204676	20462
CNC Mixing Lever Set	CNC Washout Guide Assembly	CNC Washout Arm Assembly	CNC Swashplate Guide
204632		204637	2046
CNC Washout Base	CNC Stablizer Control Set	CNC Stop Plate	CNC Pitch & Roll Arm Set
204678	204679	204675	2046

Optional parts - 2

CNC Elevator Lever	Pulley Shaft with Steel Gear	One Way Gear Assy.(20T)	CF Main Rotor Blades (500L)
111			
204614	204577	204583	204312
Light-weight Flybar Paddles Set	Light-weight Tail Rotor Blade Set	Brushless Motor(1500W-kv1100)	ESC 75A(GE-075)
	9		1 M i
204734	204754	855502	923751
Fiberglass Painted Canopy & Body	Decal(2)	Li-Po Battery (22.2v 3300mah 22C)	CF Main Rotor Blades (550L)
	GAUI GAUI GAUI GAUI GAUI GAUI GAUI GAUI		
204162	204904	926331	204393
Ultimate Performance Upgrade kit	CNC Seesaw Set	Tail Pushrod Conversion	Tail Servo Mount
	The Act of Act of the		QHO
204500	204641	204655	204710
Lever Spacers for CF Frames	Tail Grips Set with Thrust bearings		
8800			
204702	204720		

More Upgrade Parts : WWW.GAUI.COM.TW