Guru-Z

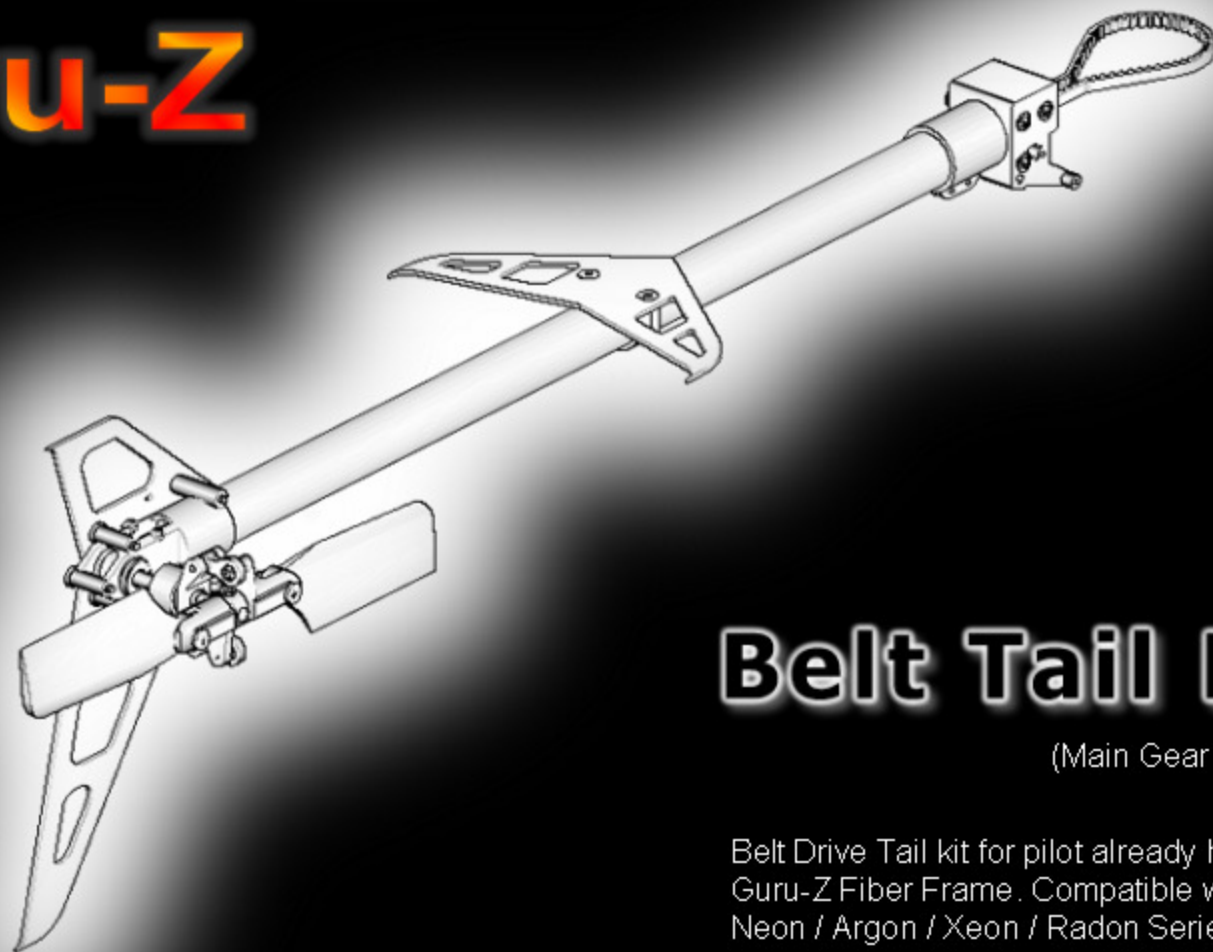## GQT-5001

Belt Tail Kit

(Main Gear included)

Belt Drive Tail kit for pilot already have
Guru-Z Fiber Frame. Compatible with
Neon / Argon / Xeon / Radon Series.

Belt Tail Kit

GQT-5001

Preface

Thanks for purchasing Guru-Z products. The Upgrade Kit is a durable and well-designed 12mm tail rotor for both 300/400class helicopter. Please read the manual carefully before assembling the model. You may always get the latest online version of the manual via http://www.guru-z.com/download/manual/GQT-5001.pdf

Key Features

• 12mm tail boom adapt TREX / Compy / Shaman Parts

Tools needed

• 1.5mm philip "+" head screwdriver
• 1.5mm Hex driver
• Plier
• Loctitle
• Grease

Notes on screws type

• Please use the screws carefully. Types of Screws used are shown below.
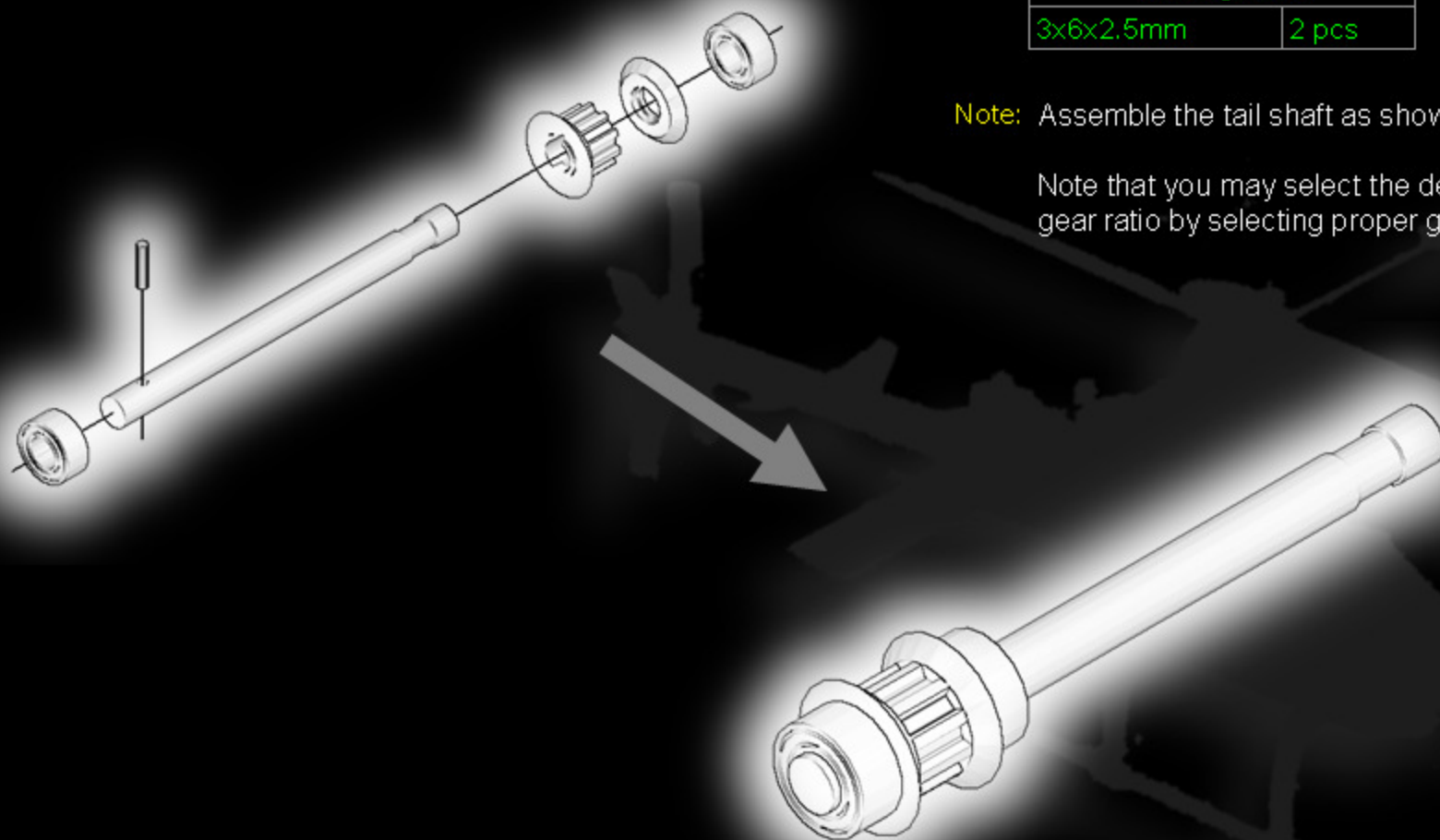
CB	HM	PWB	PM

Belt Tail Kit

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Step 1

Screws Used	
-	-
Bearing Used	
3x6x2.5mm	2 pcs

Note: Assemble the tail shaft as shown

Note that you may select the desired gear ratio by selecting proper gear.
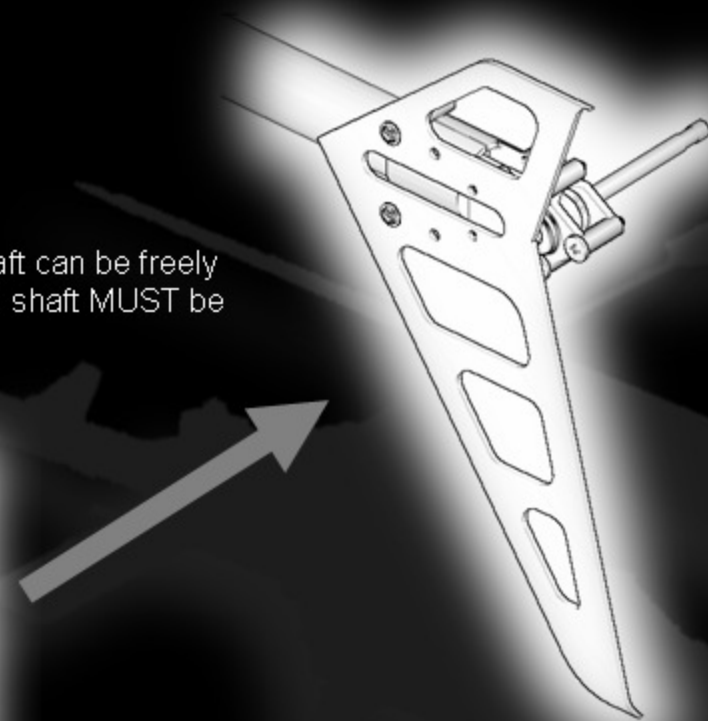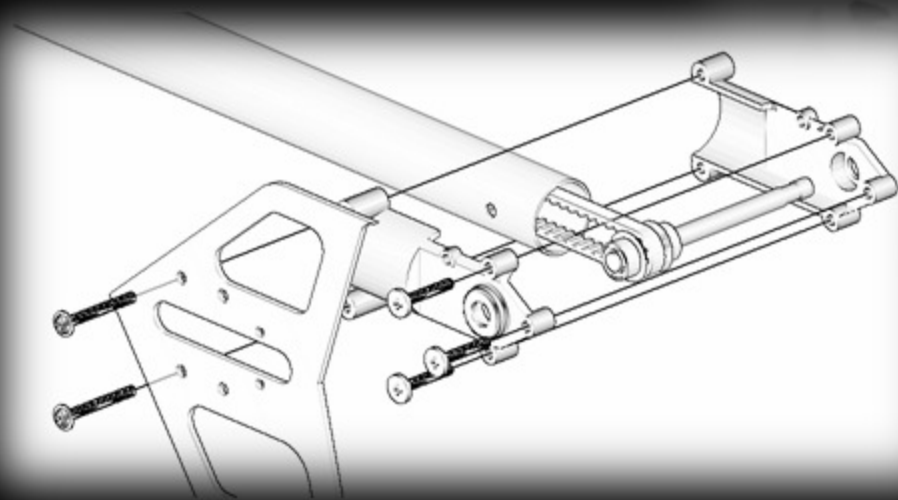
Step 2

Screws Used	
PWB 1.7 x14mm	2 pcs
CB 1.7 x10mm	3 pcs
Bearing Used	
-	-

Note: Install the tail boom, belt, and the tail frame.

When secure the tail frame, make sure the shaft can be freely rotated. If not, apply the included bushing. The shaft MUST be able to rotate freely.
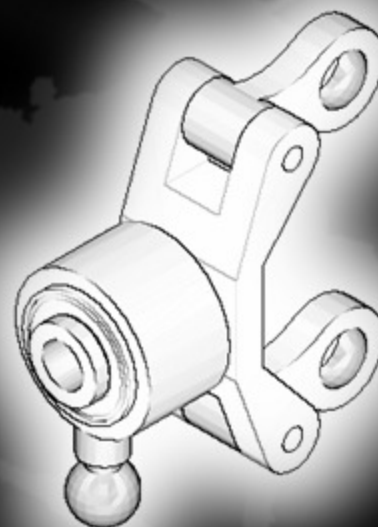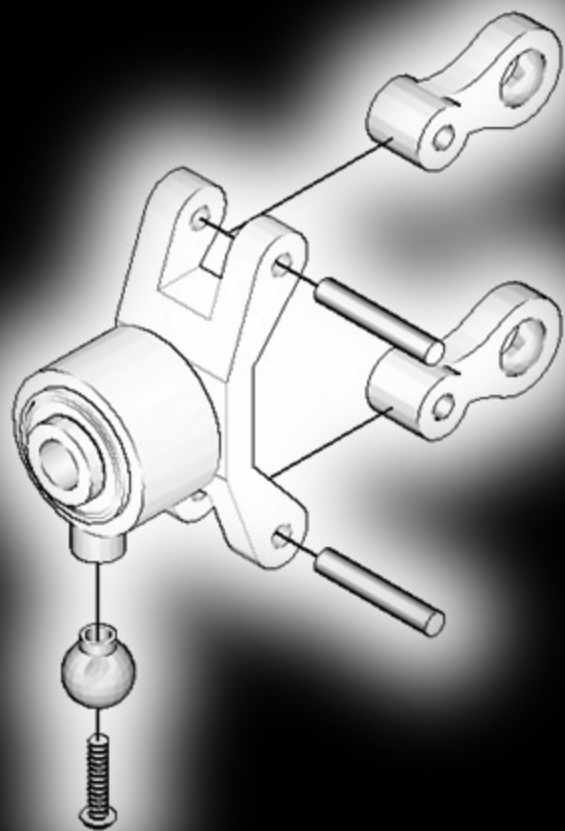
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Step 3

Screws Used	
PWB 1.4 x 6mm	1 pcs
Bearing Used	
-	-

Note: Install the ball link to the Tail pitch slider. One side of the ball link is easier to get into the ball. If you find it is too hard to plug it in, you may need to reverse the ball link.
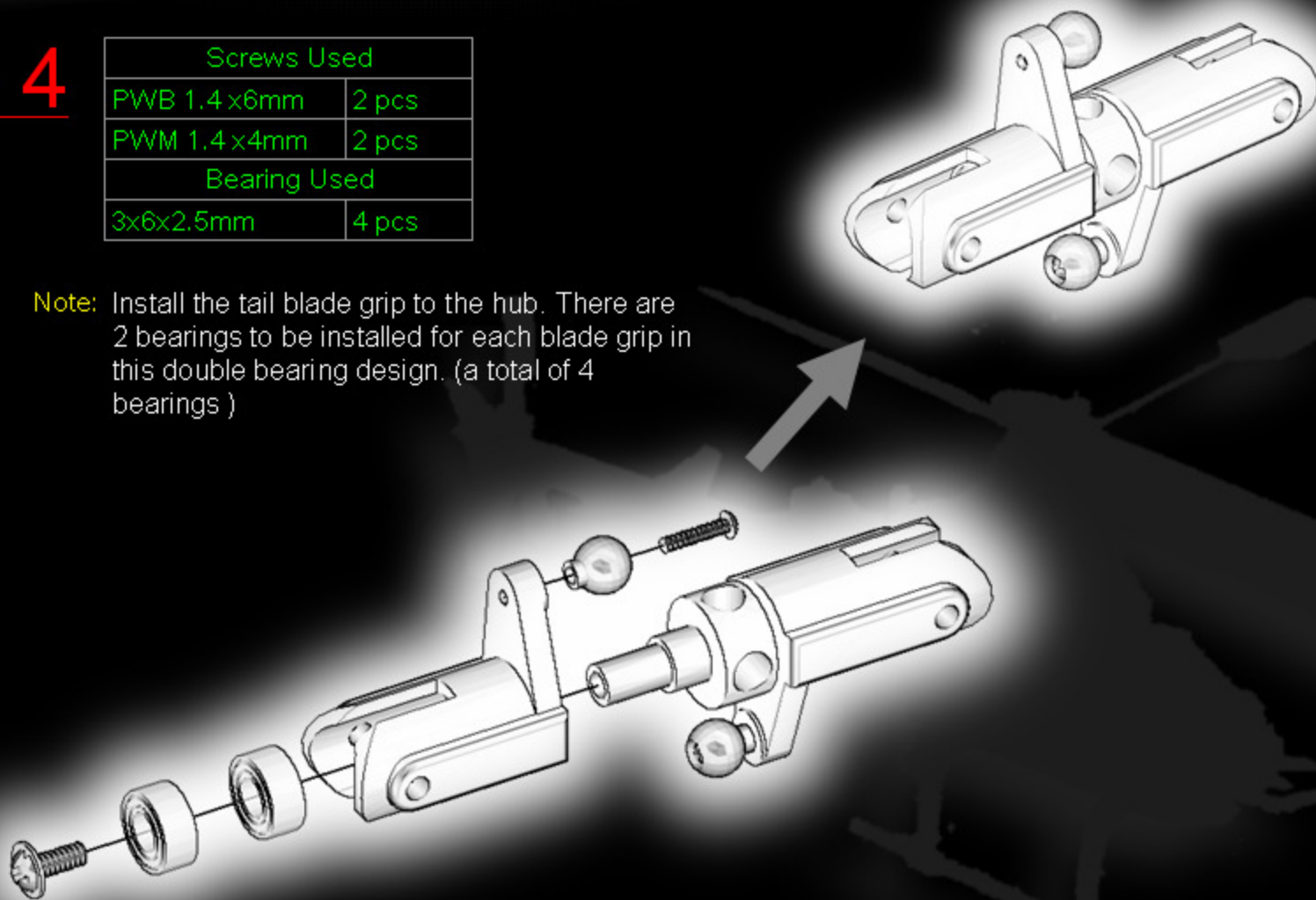
Belt Tail Kit

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Step 4

Screws Used	
PWB 1.4 x 6mm	2 pcs
PWM 1.4 x 4mm	2 pcs
Bearing Used	
3x6x2.5mm	4 pcs

Note: Install the tail blade grip to the hub. There are 2 bearings to be installed for each blade grip in this double bearing design. (a total of 4 bearings)
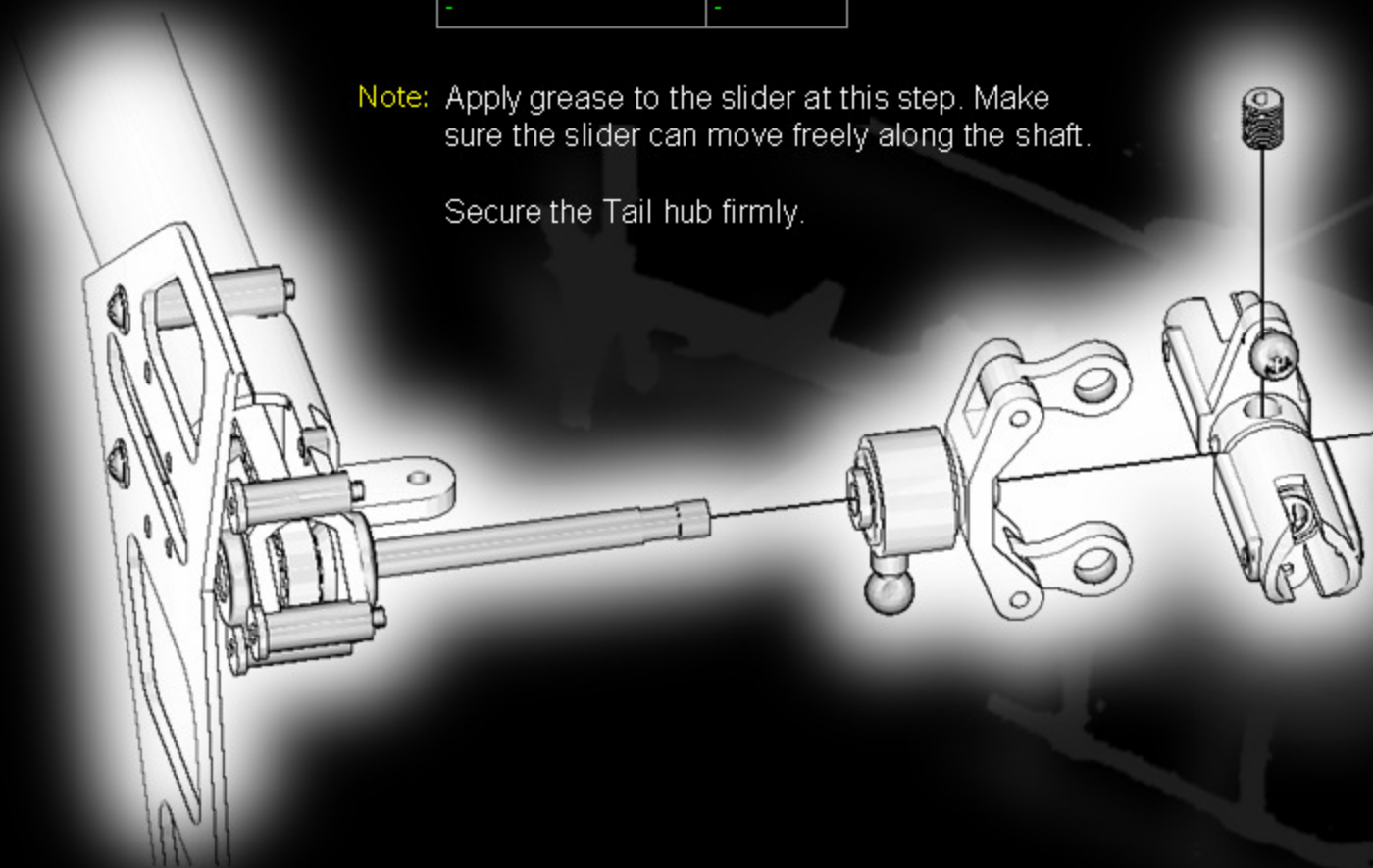
Step 5

Screws Used	
-	-
Bearing Used	
-	-

Note: Apply grease to the slider at this step. Make sure the slider can move freely along the shaft.

Secure the Tail hub firmly.

Step 6
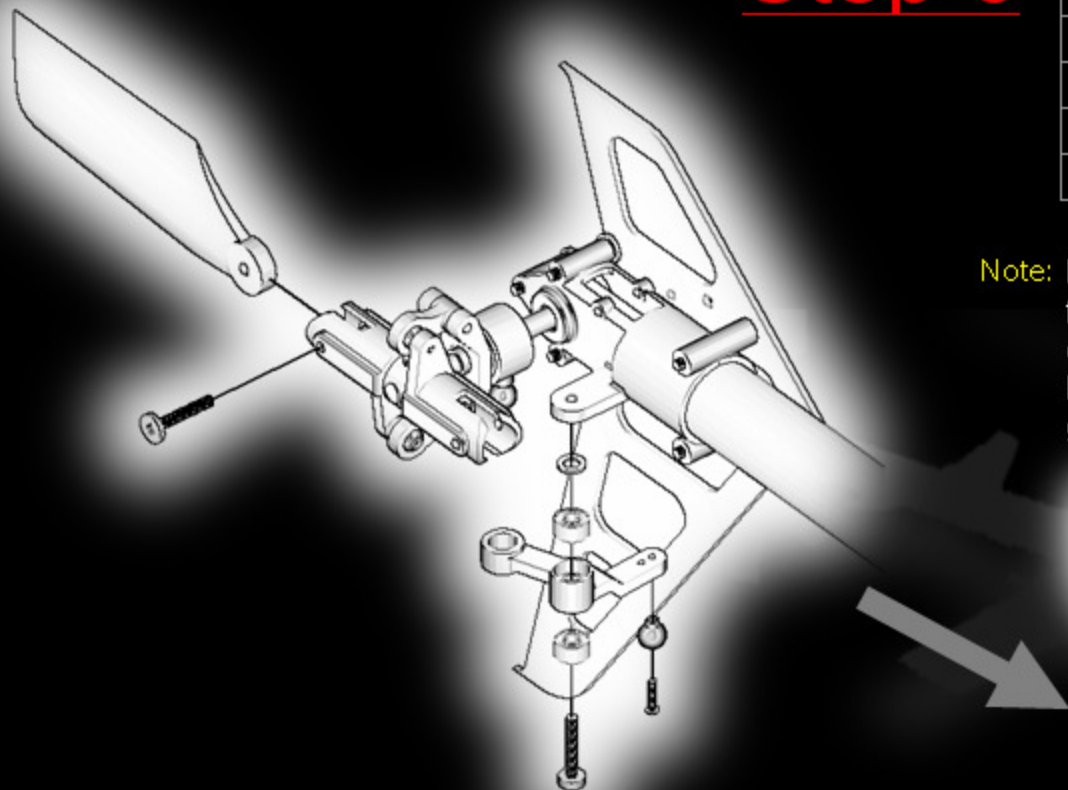
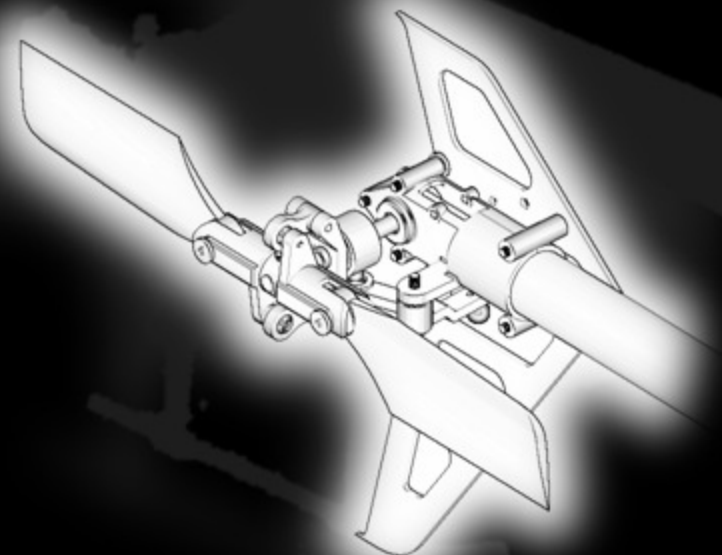| Screws Used	
PWB 1.4 x16mm	1 pcs
CB 1.7 x10mm	2 pcs
HM 2 10mm	1 pcs
Bearing Used	
-	-

Note: Install the tail blade and the L-Arm as shown. Note that there are 2 holes at the L-Arm. Depends on the configuration of your helicopter, use the appropriate hole. Install the ball to the hole near the bearing will give you faster response but easier to hunt.
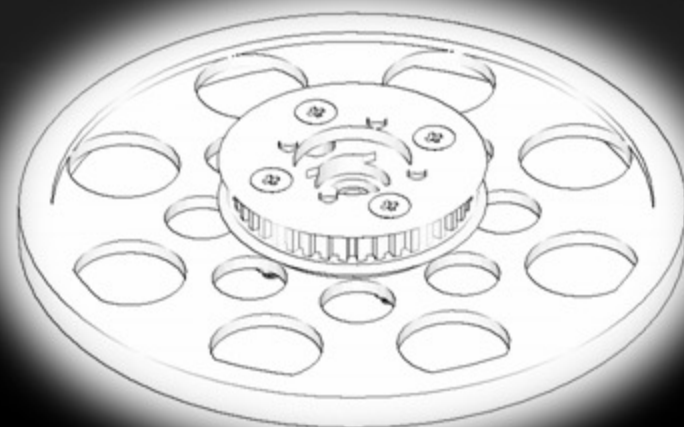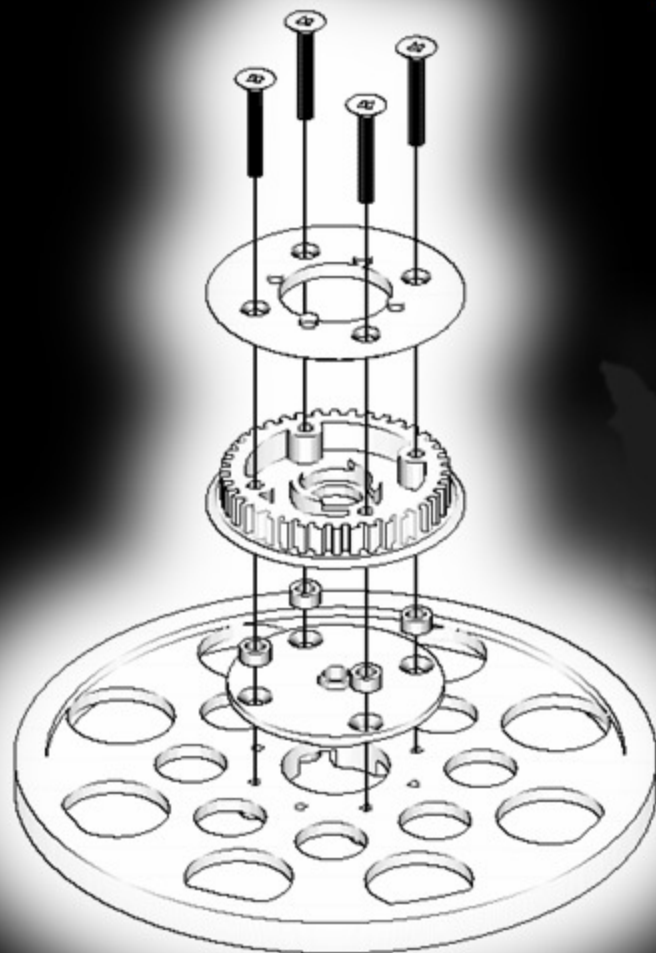
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Step 7

Screws Used	
CB 1.7 x10mm	4 pcs
Bearing Used	
-	-

Note: The main gear and the belt gear is shown in the diagram. Apply bushing to adjust the alignment of gear if there is any problem.

• optional belt gear can be used to achieve desired Gear Ratio.
• Auto-System maybe installed depends on model.

Final Step

Note:

Install the main gear to the main frame. Insert the spacer between the main gear and the frame.

When installing the main gear, make sure the belt is not jammed inside the boom. Also make sure both the main rotor and tail rotor rotates in the correct direction.