

# 6 DEALER MANUAL FOR 5-SPEED AUTO-SHIFT GEAR HUB (RG A510.D)

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# 6.1 INTRODUCTION



• **Model**

RG A510.D

• **Scope**



It is suitable for off road, snow or sandy shore.

• **Identification**

The following graphic, is the identification numbers of the product, which are shown on the housing:



RG A510.D A

F1XXXXXXXX



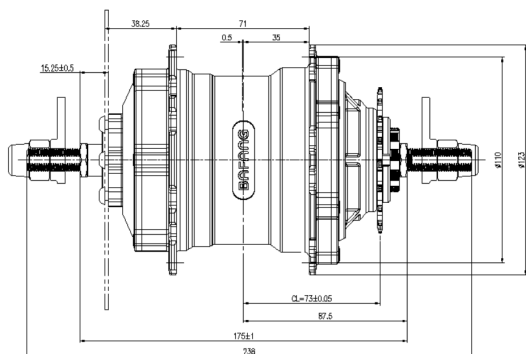
**Note:** Content in the label is important information about this product. Please do not remove the information from the gear hub.

# 6.2 SPECIFICATION

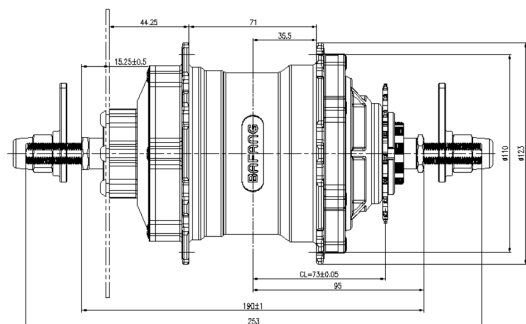
Model: RG A510.D

Gear Ratio	1st gear 1: 1	4th gear 1:2.46
	2nd gear 1: 1.33	5th gear 1:3.35
	3rd gear 1: 1.81	
Sprocket	26T/30T	
Brake	180/203mm Rear Disc Brake	
Noise	<55dB	
IP Rating	IPX6	
Certification	CE/ RoHS	
Operating Temperatures	-20 °C ~45 °C	

## 6.2.1 Outline



OLD: 175mm Shaft length: 238mm



OLD: 190mm Shaft length: 253mm

## 6.2.2 Surface






Anodizing black/ red

## 6.2.3 Storage

The pedelec should be stored in a ventilated dry room. Avoid storing the pedelec near strong magnetic objects.

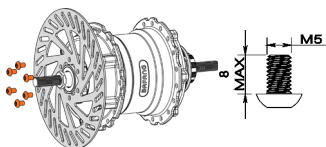
# 6.3 INSTALLATION

## 6.3.1 List of Tools to be Used

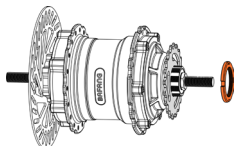
Diagram	Name	Diagram	Name
	4mm Hex wrench		19mm Open-end wrench
	Hook wrench		19mm Plum wrench
	Chain wrench		

## 6.3.2 Installation Steps

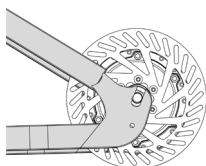
1. Place the disc brake onto the hub shaft from the left side and tighten it with six M5\*8 screws. (Tightening torque: 4N.m)



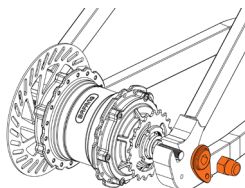
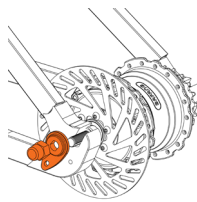
2. Place the sprocket onto the hub shaft from the right side and tighten it with a M34.4 lock nut. (Tightening torque: 35N.m)



3. Insert the gear hub into the rear fork end.



4. Place the stop pins and cap nuts onto the hub shaft respectively from both sides. Tighten the cap nuts with a 19mm wrench. (Tightening torque: 40-45N.m)



## 6.4 MAINTENANCE

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- Maintenance must be carried out by authorized personnel with the correct equipment.
- Do not disassemble the gear hub.
- Do not use thinners or other solvents to clean the components. Such substances can damage the surfaces.
- Avoid water submerging, to keep the components protected.
- Avoid using high-pressure cleaning jets.
- For prolonged storage, turn off the battery and avoid storing near heat sources.