

6 DEALER MANUAL FOR H610 (RM G070.250/350/500.D)



CONTENT

6.1 Introduction	2	6.3 Drive Unit Installation	4
6.2 Specifications	3	6.3.1 List of Tools to be used	4
6.2.1 Outline and geometric size	3	6.3.2 Motor Installation	4
6.2.2 Surface	3	6.4 Maintenance	6
6.2.3 Storage Information	3		

6.1 INTRODUCTION



- **Product Model**

RM G070.250.D

RM G070.350.D

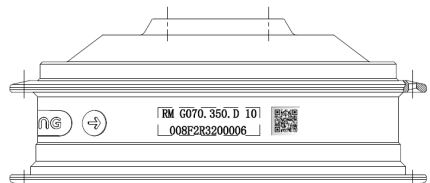
RM G070.500.D

- **Scope**

i Applies only to electrically powered pedelecs developed or licensed by Bafang. It is suitable for bikes, which have been developed for the city road, off road on gravel or sand use. The engine is not suitable for sport competitions.

- **Identification**

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



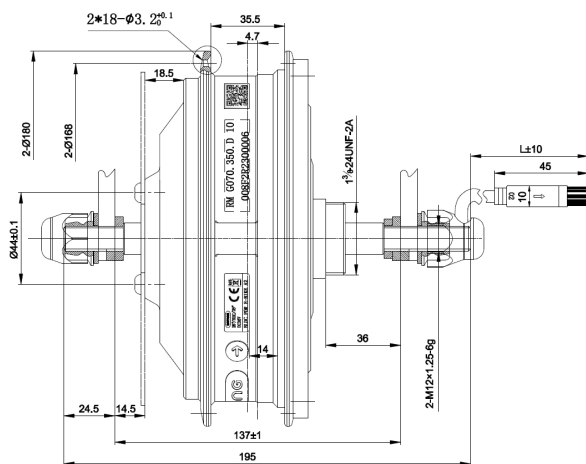
Note: Content in the label is important information about this product. Please do not remove the information from the motor.

6.2 SPECIFICATIONS

Motor model: RM G070.250.D / RM G070.350.D / RM G070.500.D

Rated power (W)	250 / 350 / 500
Rated voltage (V)	36 / 43 / 48
Waterproof	IP65
Certification	CE-EMC
Outdoor Temperatures	-20 °C~45 °C

6.2.1 Outline and geometric size



OLD: 137mm

Shaft length: 195mm

Motor cable length: L=250mm

6.2.2 Surface



Shockproof black and silver coating

6.2.3 Storage Information

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

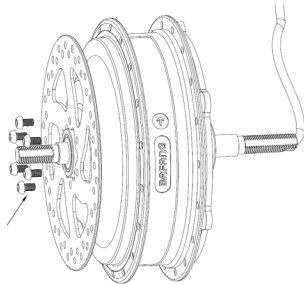
6.3 DRIVE UNIT INSTALLATION

6.3.1 List of Tools to be used

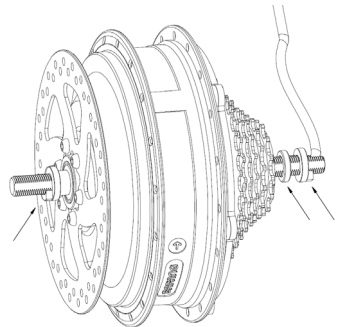
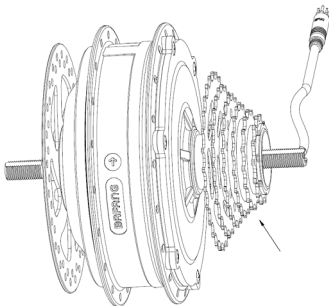
Use of the Tools	Tools
To fasten M12 flange nuts	 Open-end wrench
To fasten the M5*8 screws on disk brake	 Internal hexagonal wrench

6.3.2 Motor Installation

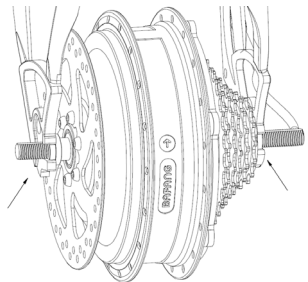
1. First place the disc brake on to non-cable side of the motor and tighten with six M5*8 screws.
3. Place a 4mm washer onto the cable-side shaft first, then mount two stop pins onto the right shaft and left shaft respectively.



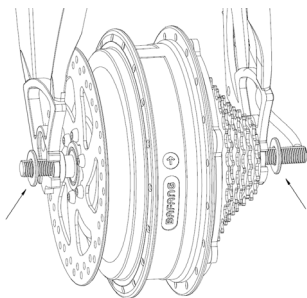
2. Mount the freewheel onto the shaft thread.



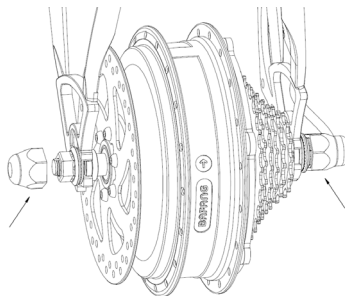
4. Insert the motor into the frame.



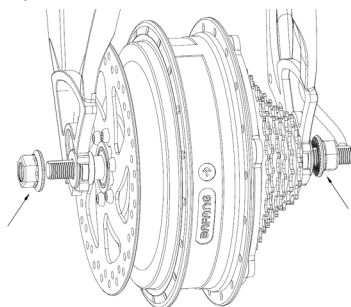
5. Mount two 2mm washers on both sides of the frame.



7. Mount two end sheathes on both sides of shaft.



6. Fasten two M12 flange nuts with open-end wrench at both ends of the motor. Torque requirement: 47-60N.m.



6.4 MAINTENANCE

- Maintenance must be carried out by authorized personnel with the correct equipment.
- Do not disassemble the motor.
- 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.