

# 6 DEALER MANUAL FOR H400C (RM G120.250.DC)

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# 6.1 INTRODUCTION

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- **Product Model**

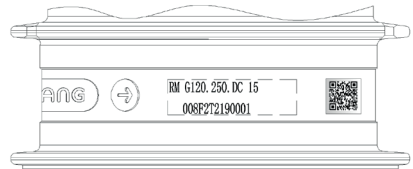
RM G120.250.DC

- **Scope**

**i** Applies only to electrically powered PEDELECS developed or licensed by BAFANG. It is suitable for city and gravel bikes, which have been developed for smooth road 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:



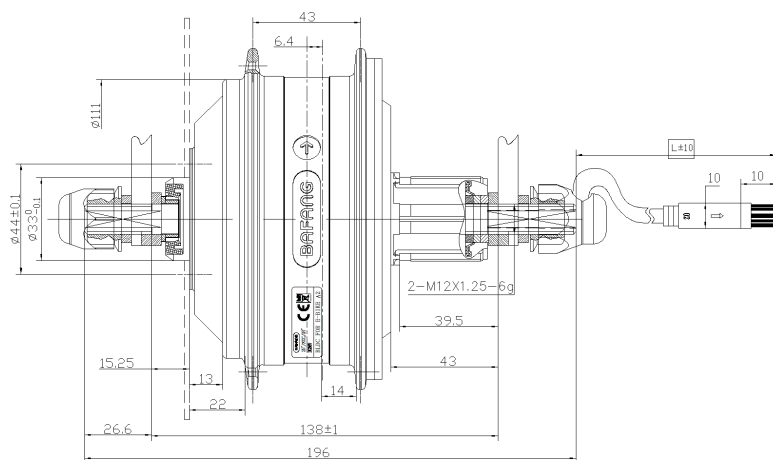
**Note:** Content in the label is important information about this product. Please do not remove the information from the motor.

## 6.2 SPECIFICATIONS

Motor model: RM G120.250.DC

Rated power (W)	250
Rated voltage (V)	36
Waterproof	IP65
Certification	CE / ROHS
Outdoor Temperatures	-20 °C~45 °C

### 6.2.1 Outline and geometric size



OLD: 138mm

Shaft length: 196mm

Motor cable length: L=250mm (optional)

### 6.2.2 Surface




Shockproof black coating

### 6.2.3 Storage Information

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

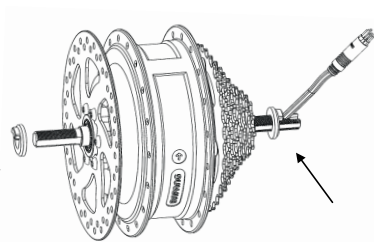
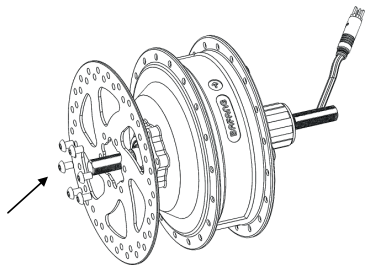
# 6.3 DRIVE UNIT INSTALLATION

## 6.3.1 List of Tools to be used

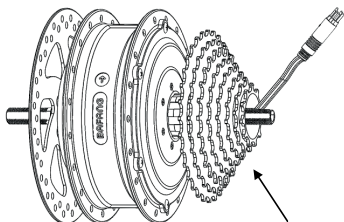
Use of the Tools	Tools
To tighten/loosen the M12 cap nut.	 Open spanner
To tighten/loosen the screws onto the disc brake.	 Internal hex wrench
To tighten/loosen the flywheel	 Special tools

## 6.3.2 Motor Installation

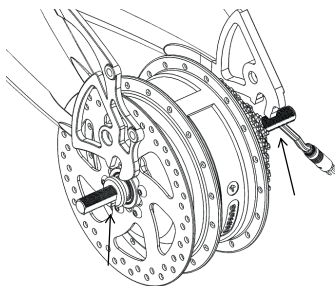
1. Mount the disk brake on the motor. Fasten disk brake with six M5\*8 screws.
3. Mount the stop pin into on the shaft.



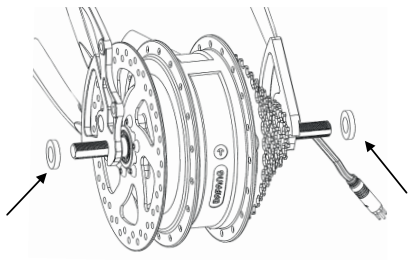
2. Mount the freewheel on the cassette. Fasten freewheel with special tools.



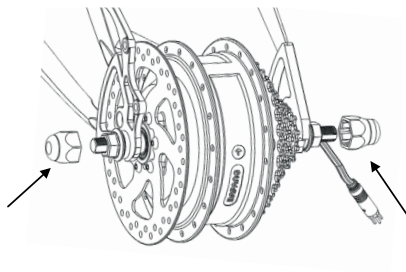
4. Insert the motor into the frame.



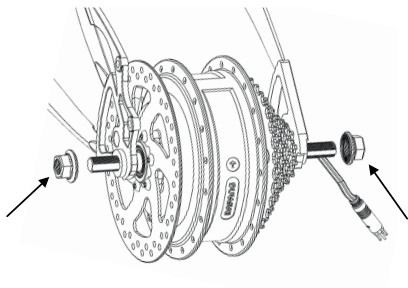
5. Mount the 4mm washer on both sides of the frame.



7. Mount the shaft end sheath (M12 flange nuts) on both sides of the shaft ends.



6. Tighten the M12 flange nuts with open spanner at both sides of the motor. (torque requirement: 47-60N.m.)



# 6.4 MAINTENANCE

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- 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.