

6 DEALER MANUAL FOR 3-SPEED AUTO-SHIFT GEAR HUB (RG A310.D)



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6.1 INTRODUCTION



- **Model**
RG A310.D

- **Scope**



It is suitable for smooth city road, cement road, asphalt road and gravel road.

- **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 gear hub.






6.2 SPECIFICATION

Model: RG A310.D

| | |
|------------------------|--|
| Gear Ratio | 1st gear 1: 1 |
| | 2nd gear 1: 1.30 |
| | 3rd gear 1: 1.65 |
| Sprocket | 16T/18T/20T/22T/Gates sprocket with 22T or above |
| Brake | 160mm Rear Disc Brake |
| Noise | <55dB |
| IP Rating | IPX6 |
| Certification | CE/ RoHS |
| Operating Temperatures | -20 C ~45 C |

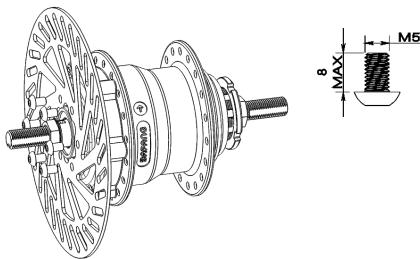
6.3 INSTALLATION

6.3.1 List of Tools to be Used

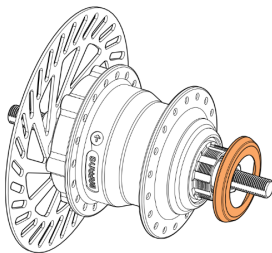
| Diagram | Name | Diagram | Name |
|---|----------------|---|----------------------|
|  | 4mm Hex wrench |  | 19mm Open-end wrench |
|  | Hook wrench |  | 19mm Plum wrench |
|  | Chain wrench | | |

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)

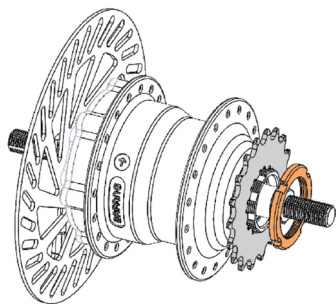


2. Install the dust cap on the right side of the gear hub.

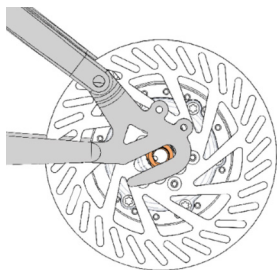


Notice: If it is used with bent sprocket or belt sprocket (<20T), ignore the step.

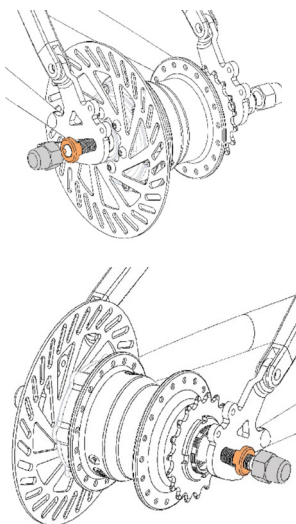
3. Install the rear sprocket and lock nut on the right side of the gear hub, and tighten the lock nut with a hook wrench. (Tightening torque: 35N.m)



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



5. Install 2 stop pins and cap nuts onto the gear hub shaft from the both sides, and tighten them with a 19 mm wrench. (Tightening torque: 40-45N.m)



6.4 MAINTENANCE

- 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.