

Radio Motor Manual

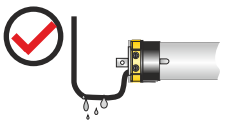


- Applied for motorized roller blinds, motorized awnings, motorized projection screen and garage etc;
- Composes by five parts: stator&rotor /brake /planet gearbox, limit switch and built-in radio, receiver (Frequency: 433.92MHz);
- Small size, low weight, weak voice, precision journey positioning, easy installation;
- Motor have self-protection function when exact-hot, it will stop work when motor continuous working time is reaching 4-6mins and motor tube temperature is over 110°C, motor will stop running around 3-10mins, and get right working when recovered.

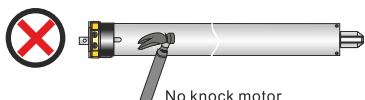
Notice



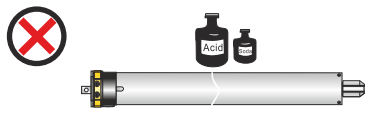
Keep away from water



Downward cable avoid water inflow



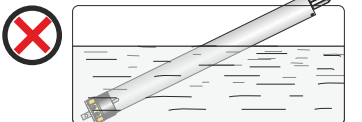
No knock motor



Keep away from corrodent

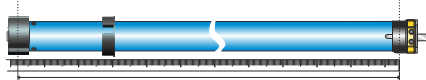


No drill hole on motor tube

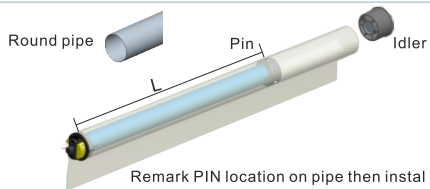


No in water

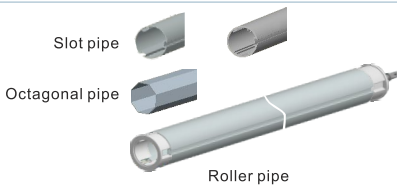
A Roller pipe preparation



If round pipe, please measure the right place to knock PIN; No need pin if slot or octagonal pipe

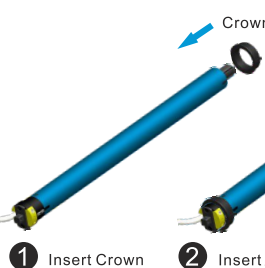


Remark PIN location on pipe then instal idler

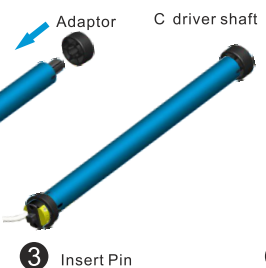


Roller pipe

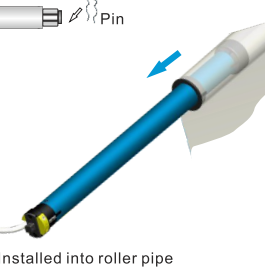
B Installation



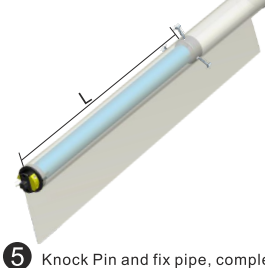
1 Insert Crown



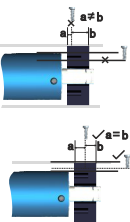
2 Insert Adaptor



3 Insert Pin

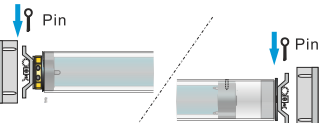


4 Installed into roller pipe

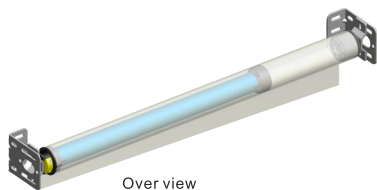


5 Knock Pin and fix pipe, complete installation

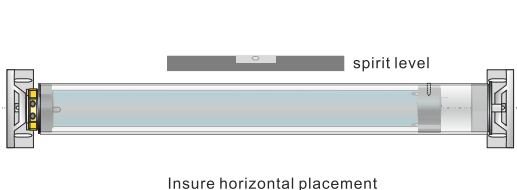
C Fix



Insert Pin into square metal head

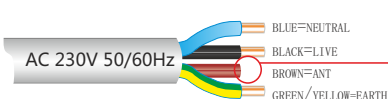


Over view



Insure horizontal placement

D Power wire and connection

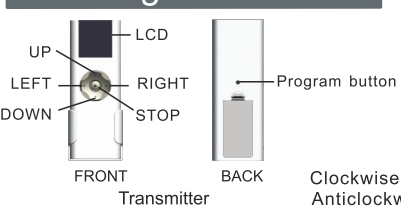


Please cut off the metal part of the antenna and do not connect with any wire!

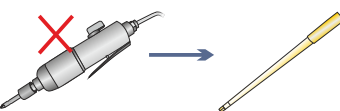


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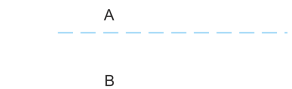
Drawing instruction



Clockwise: Increase journey
Anticlockwise: Decrease journey



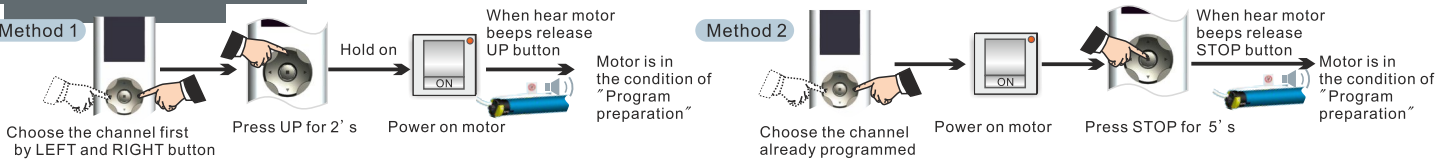
Forbid use electric screwdriver, only use regulator to adjust journey position and ensure adjust speed below 30rpm/min



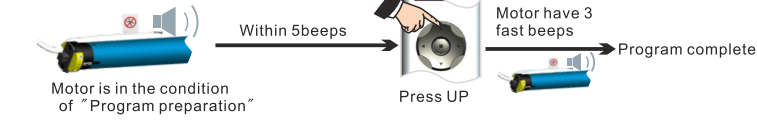
A Blue line: UP/DOWN limit position
B Red line: New position after readjust

Program

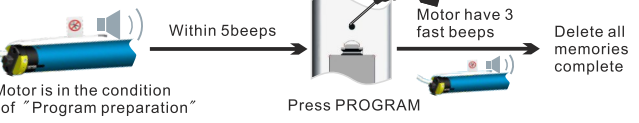
1. Program Preparation



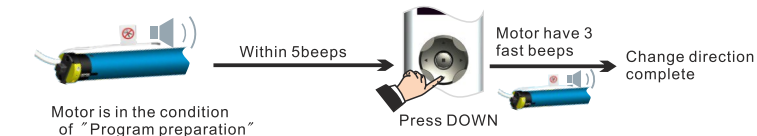
2. Program



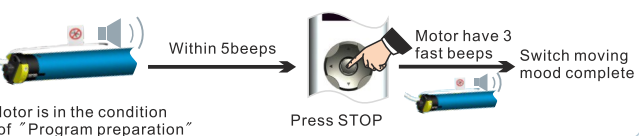
3. Delete all memories



4. Change direction

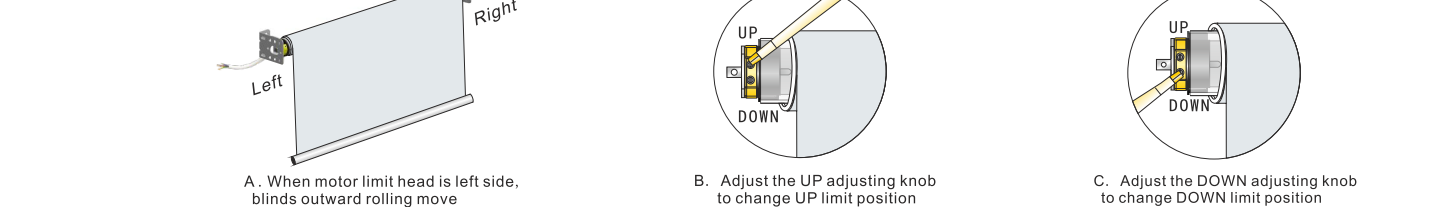


5. Switch Deadman/Impluse

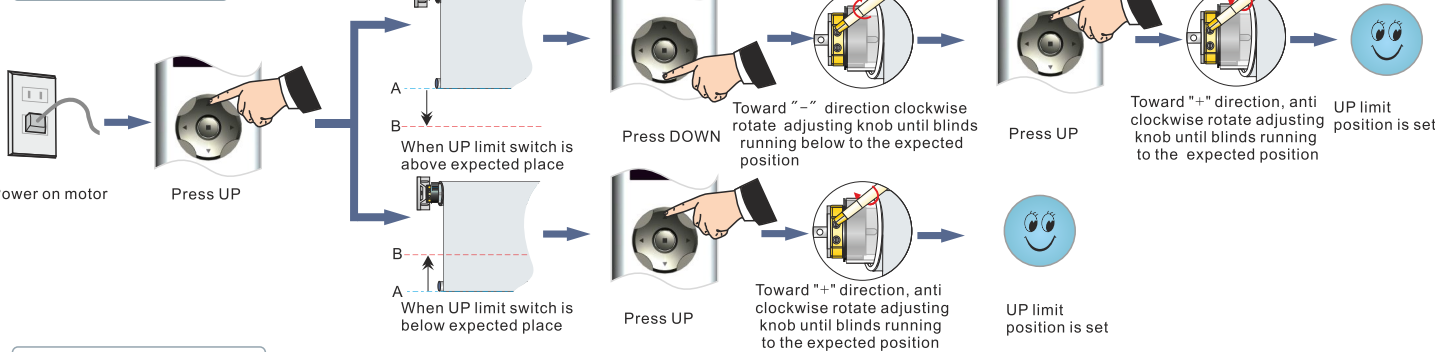


E Adjust Journey Position

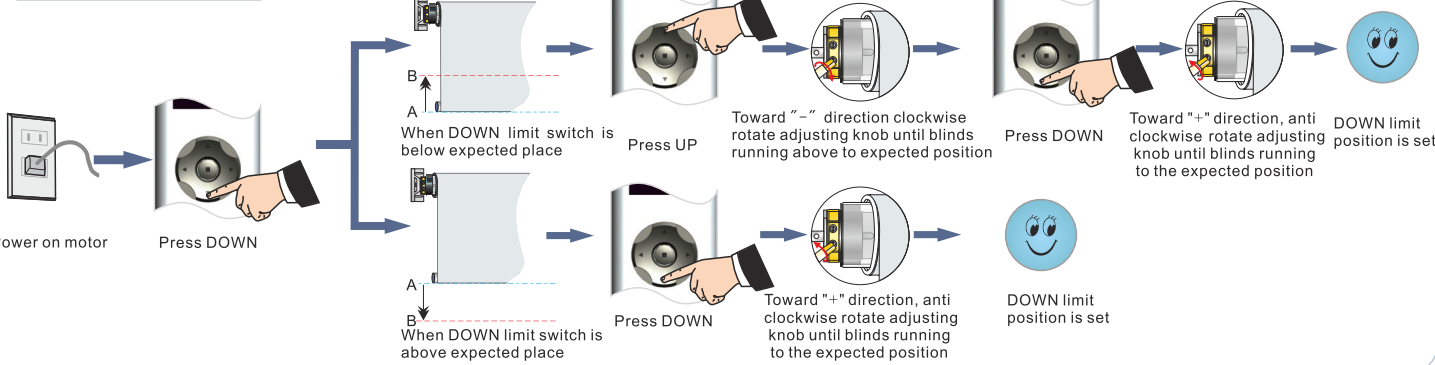
Installation 1



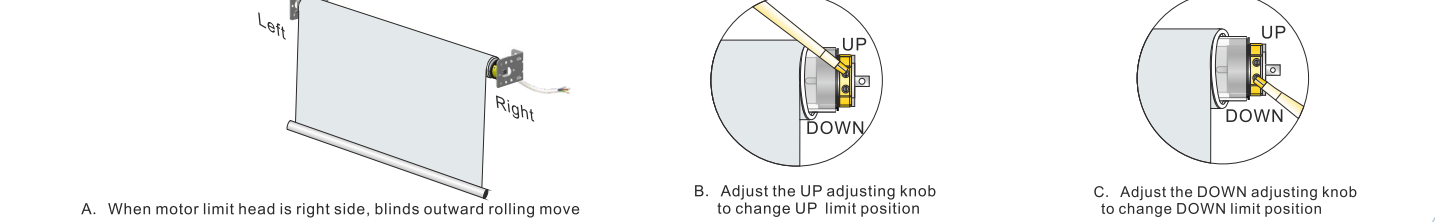
Set UP limit position

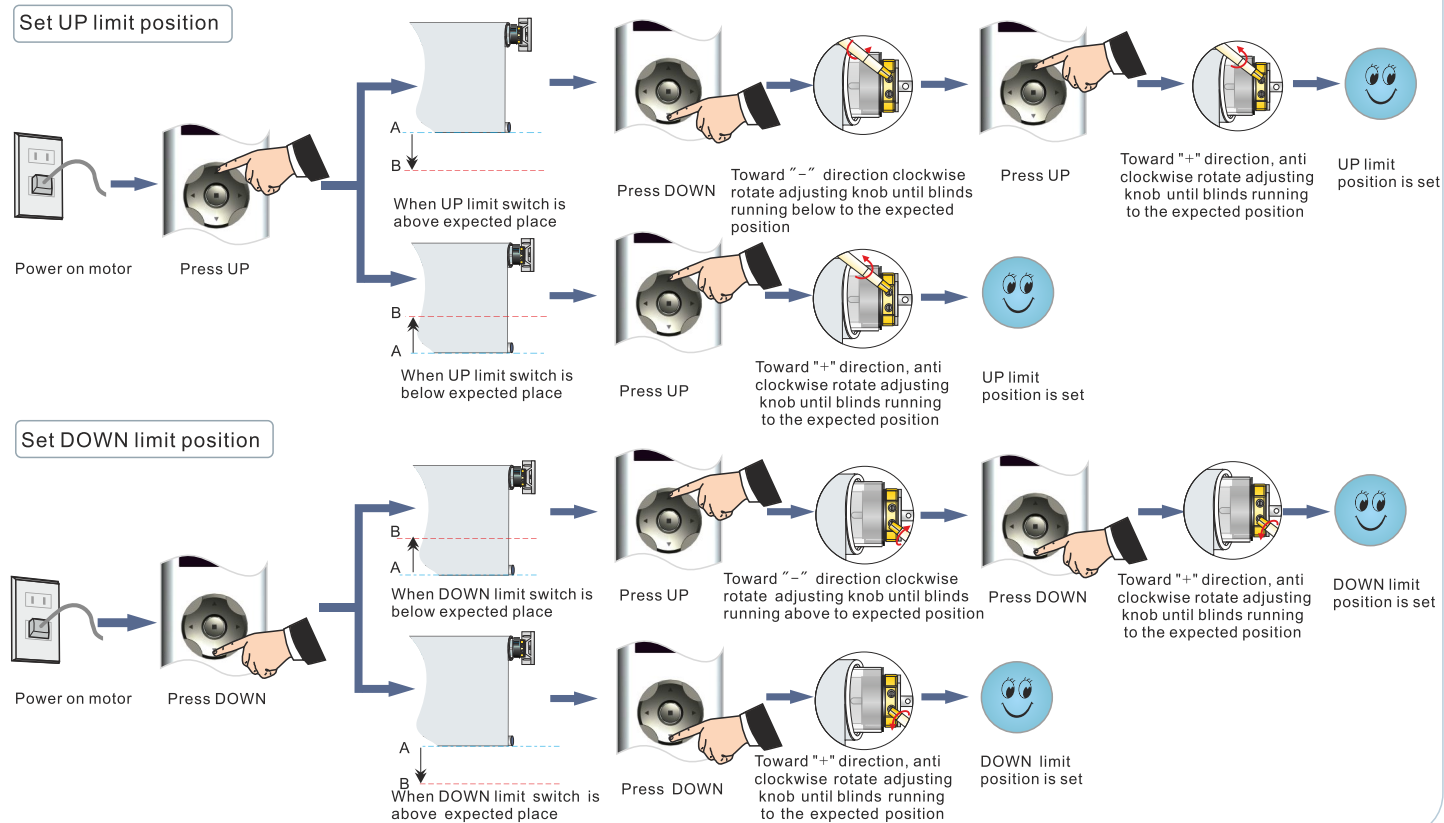


Set DOWN limit position

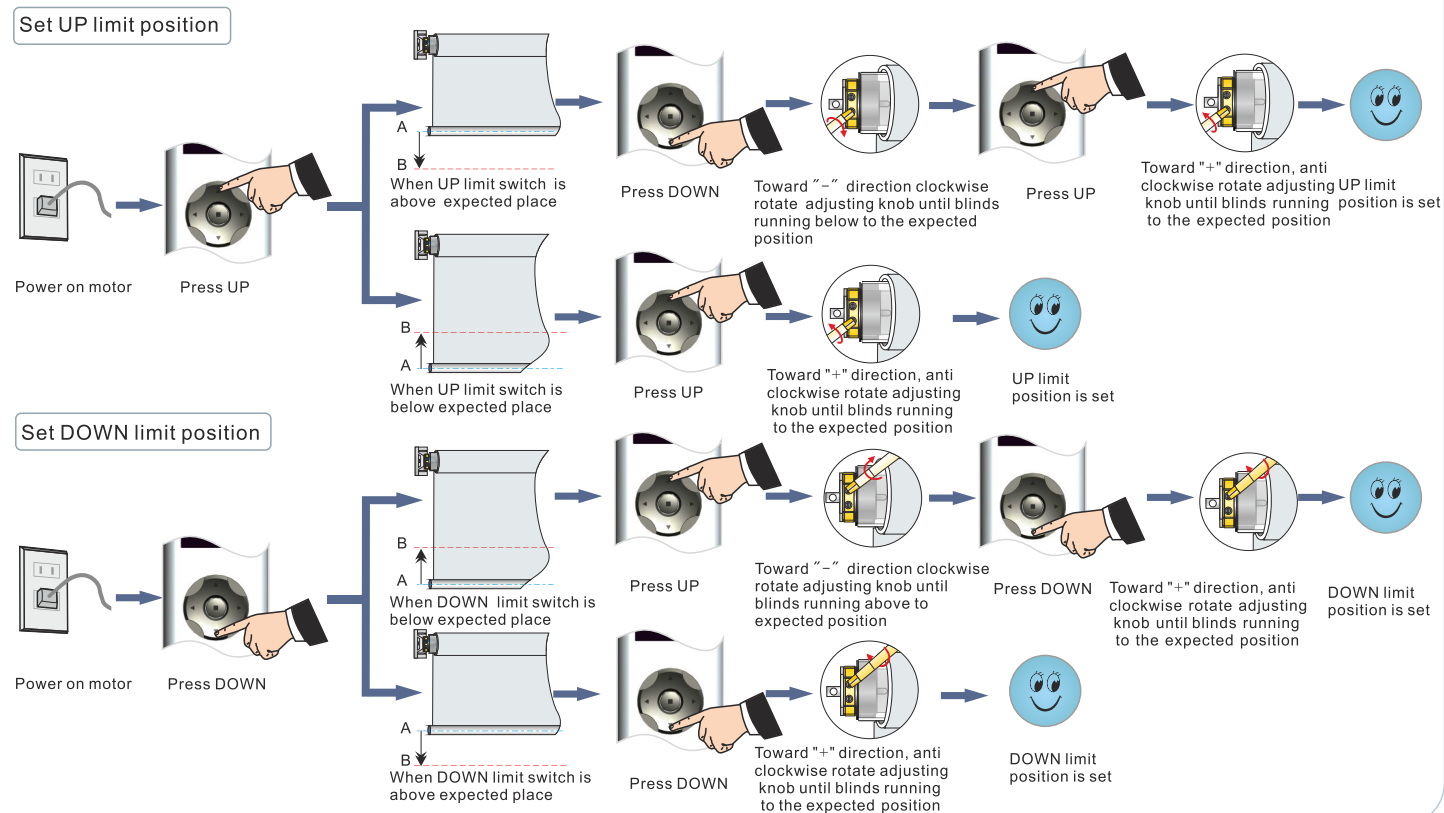
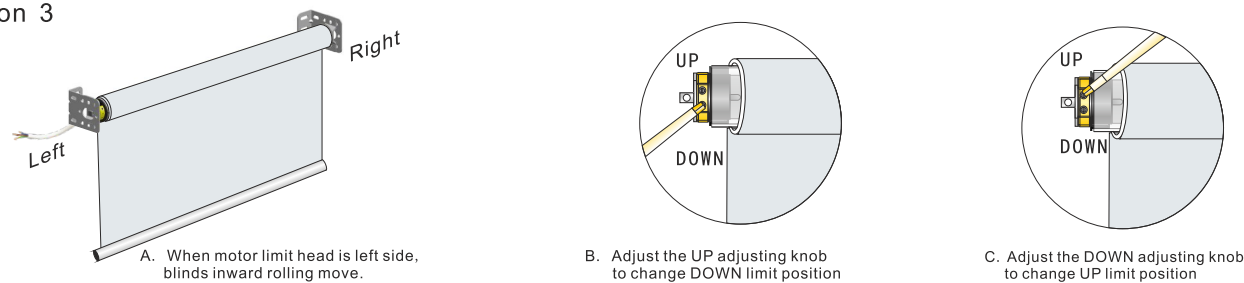


Installation 2

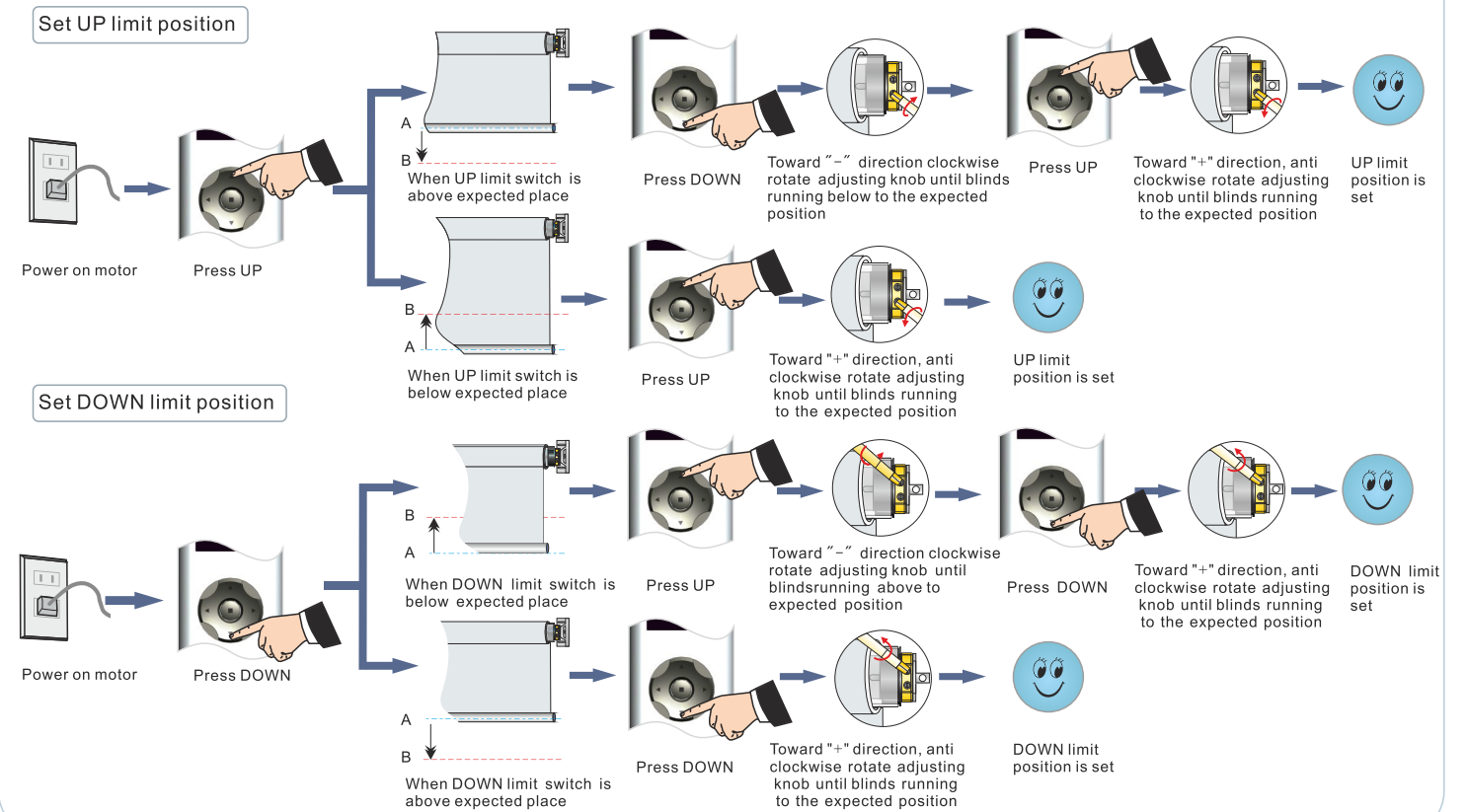
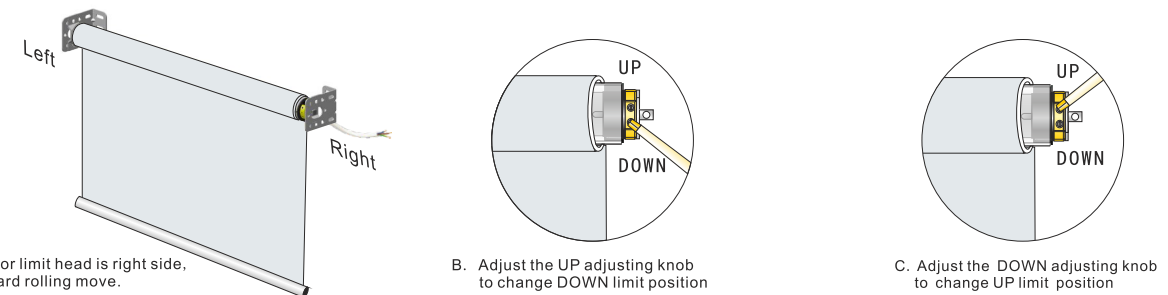




Installation 3



Installation 4



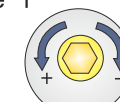
Remark: 25° angle limit motor (Picture2)

Adjust journey position by adjusting knob as Picture 1.

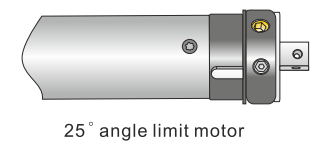
Set UP limit position : Corresponding above four installation, the same as set DOWN limit position

Set DOWN limit position : Corresponding above four installation, the same as set UP limit position

Picture 1



Picture 2



F Troubleshooting

Items	Problem	Matter	Shooting
1	After connecting with the power, the motor can not work or work slowly.	a. The voltage is wrong b. Over loading c. Wrong installation cause accessories stuck	a. Change to rated voltage b. Adjust loading until safety loading c. Check accessories and ensure the correct installation
2	After connecting with power, only one direction can work, the other direction can not work	The limit position of fail working is not opened	Rotate crown 1or 2 circles by hand on the opposite of motor current running direction
3	The motor stops running suddenly	a. The motor is in the mode of over-heat protection; precaution, over 130℃ b. Power is off c. Motor arrived at the limited position	a. when temperature drops(after about 3 minutes), the motor will come back to work again b. Once connecting with the power well, the motor will come back to work c. To check whether need to change limit position by adjusting knob
4	Press controller / switch's DOWN button, blinds UP running	Wrong wiring	Exchange the connection of black and blue wires.