Car stop manual



Nonadjustable without rod

High technology leads the future

Barrier control system manual

Main technical parameters or product's advantages

I. Main technical parameters

1.Product mode: JL-601
2.Working temperature: -40℃ -+ 70℃
3.Rated voltage: AC220±15%V
4.Frequency of power source: 50/60Hz
5.Power: 280W
6.Starting time: 5-6s
7.Length of standard rod: 3m-6m

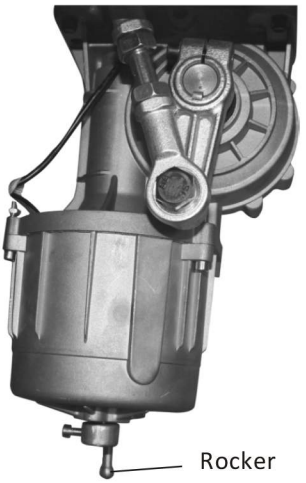
II. Product's advantages

1.Ultra-low voltage operation. The machine can operate normally when the working voltage is AC220V.
2.Manual rocker is set. Make rod raise or decline by shaking rocker when the power if off.
3.Highly sensitive photoelectrical limit control system.
4.The whole machine operates stably and stably, has no inertia when stopping and has accurate limit.
5.Sense coil detector with the functions of automatic barrier falling when car is passing by, car collision prevention or automatic rod raising when barrier is broken can be chose.

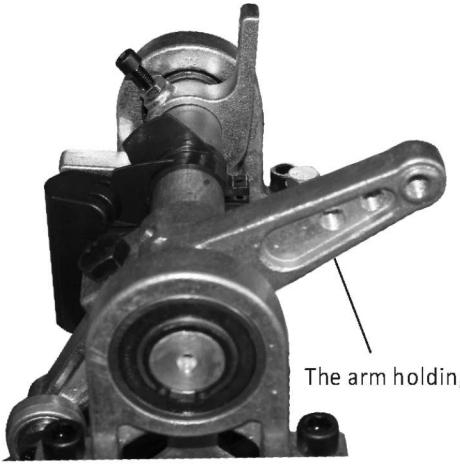
● Notes: the machine adopts high-quality antifreeze lubricating grease. Please don't replace or add lubricating oil

III. Installation and adjustment

● the installation and adjustment of JL-601 series barrier

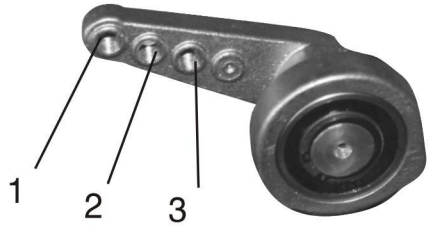


Rocker--making rod raise and fall by shaking rocker



The arm holding springs-- the position of springs

■ the sketch map of the arm holding springs



No. 1 hole---5.5m-6m straight rod
No.2 hole---4.5-5.5m straight rod
No.3 hole-3m-4.5m straight rod

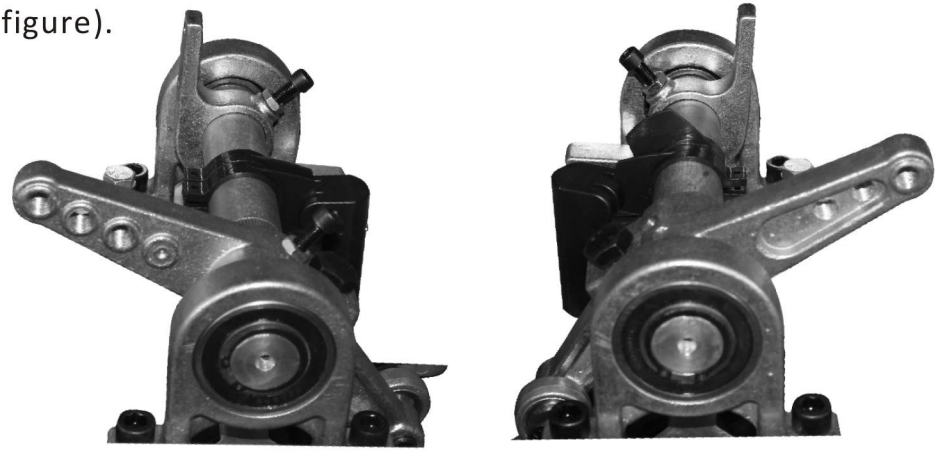
Fig 2

Installation and adjustment

1.Installing barrier rod. The barrier rods with different lengths have springs installed at different positions shown in picture. Barrier rod is 6m long straight rod when leaving factory.

① Installing barrier rod. Lock springs at the corresponding hole sites according to the length of rod;

2.After being linked to 220V power source, press"on" and "off" key of control cabinet or the "on" and "off" key of emitter and adjust limit switch to make barrier rod stop at the appropriate position of "on" or "off" and photoelectrical limit switch target at the corresponding limit elements (shown in the following figure).



If the desired angle of rod is not 90° when barrier is in position, limit switch and limit set screw need to be adjusted.

3.The learning and cancellation of emitter:
①the learning of emitter: keep pressing"learning" key on main control board and enter learning state after learning indicator is on. After pressing any key on handle emitter, learning indicator is off meaning learning is successful. When pressing "on", "off" and "stop" keys of emitter at that time, barrier has corresponding state of output.
②under the stop state of emitter cancellation, keep pressing learning cancellation key on main controller until learning indicator is on, and keep pressing learning key until learning indicator is off, then codes cancellation is successful.

IV. Notes:

1.Nonprofessionals can't operate.
2.Prevent rain water submerging when installing barrier in rainy days.
3.Check whether the box of barrier is well fixed on the floor and the screws linking barrier rod and barrier are tight.
4.Before being powered on, check whether voltage, frequency and other data conform to the requirements.
5.Please be earthed.
6.Power on, start barrier and observe the operation of barrier.
7.In order to avoid accidents, human or car is not allowed to be under car stop rod when barrier is operating.

Notes

V. Fault analysis

Fault phenomenon	Fault cause	Fault elimination
1. Motor doesn't work, but the sound of current can be heard.	1. Capacitance is not properly linked or damaged	1. If motor doesn't work after shaking the rocket of motor and pressing the "on" or "off" key of emitter, replace capacitance
1.No reaction after pressing "on" and "off" keys 2.Motor doesn't work and no current sound	1.Check whether 220V power source is properly linked 2.Whether fuse is broken 3.Motor is damaged	1.Link to 220V power source 2.Replace fuse 3.Replace motor
1. Motor only rotates slightly after turning or off barrier	1. Check whether barrier is equipped with barrier rod	1. Install barrier rod

Fault phenomenon	Fault cause	Fault elimination
1."on" barrier rod is not in position 2. "on" barrier rod is in position, replay doesn't work and motor works	1. Springs and rods are wrongly chose 2. Photoelectric limit switch has not targeted at "on" limit element	1. Refer to parameter picture 1 and sketch map 3 2. Adjust photoelectric limit switch and target at "on" limit element
1. Barrier lifting rod is not in position 2. Barrier rod is in position, replay doesn't work and motor works	1. Springs and rods are wrongly chose 2. Photoelectric limit switch has not targeted at "on" limit element	1. Refer to parameter picture 1 and sketch map 3 2. Adjust photoelectric limit switch and target at "on" limit element
1. The machine shakes when the barrier is turned on	1. Spring has not be adjusted properly	1. Loosen spring to make rod operate stably
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VI. Packing list

Name	Specimen	Unit	Number
Main engine of barrier	JL-601series	set	1
Desk emitter			1
Handle emitter			2
Barrier rod			1
Plywood of barrier rod			1
Set screw of barrier rod	10 x 80	set	4
Crate key			2
Fixed mound ;layer			2
Manual			1
Certificate of approval			1
Sleeve anchor (big)	12 x 150	set	4
Support frame			1
Sleeve anchor (small)	8 x 80	set	4

Remarks: the list on the inner wall of main engine of barrier is considered first.