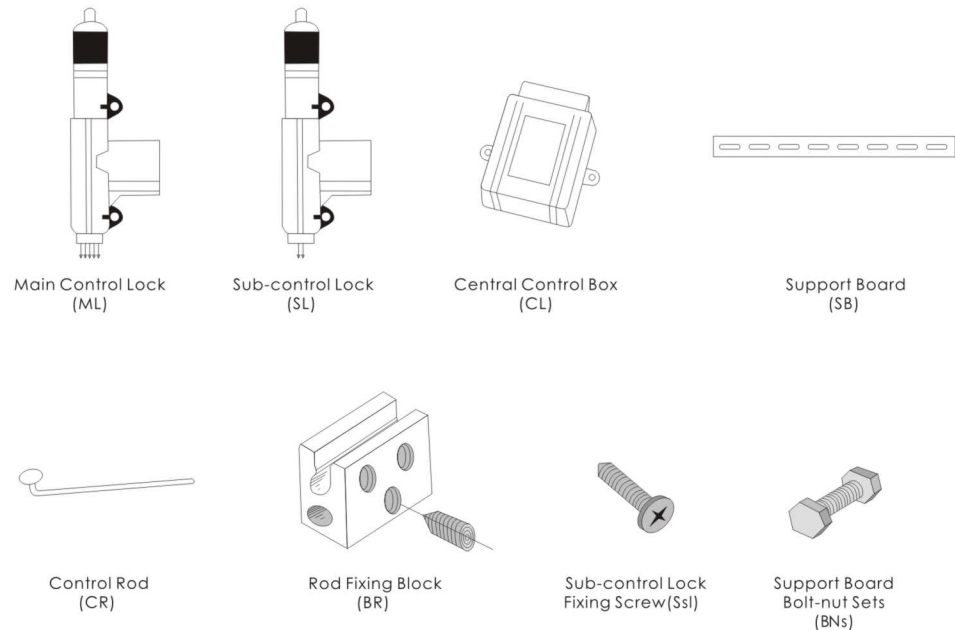


1. Installation of control locks

A. PARTS:



B. INSTALLATION OF CONTROL LOCKS:

- 1) Unfasten the internal decoration board of the doors.
- 2) Be sure to position the control lock to the correct direction shown in fig. 1.0 (make sure the main shaft in the control lock is moving in parallel to the moving direction of the door-lock knob snap-slot).
- 2a) Either choose to apply the support board (SB) for installing the main control lock (ML) and the sub-control lock (SL).
- 2b) Or to drill two holes, with dia. 5~6 mm, in the internal side of car doors, then fasten the control locks with ts m5\*14 screws (Ssl) directly.
- 3) Assemble the control rod (CR) to the control lock, (adjust to made the both end-sections of the rod be in parallel to each other as shown in fig. 2.0).
- 4) Assemble the control rod (CR) and door-lock knob rod into the rod fixing block (BR) (as shown in fig. 3.0), be sure to adjust until the adequate motion stroke is found then fasten the rods with hexa-hole cap bolts tightly. (Adjustment of stroke is shown in fig. 4.0)

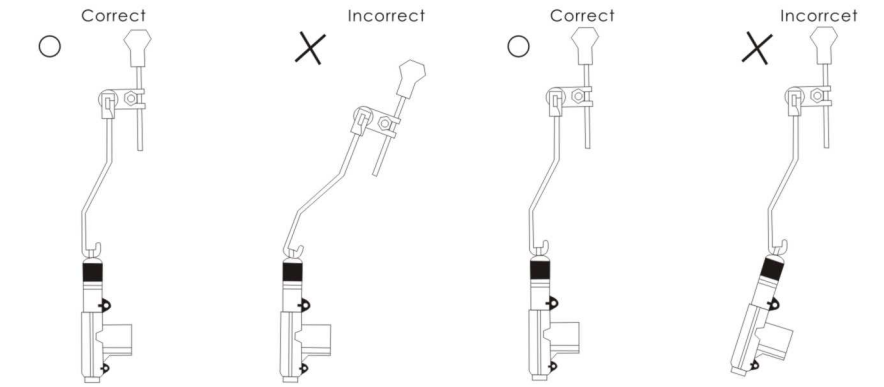


FIG 2.0 INSTALLATION OF ROD

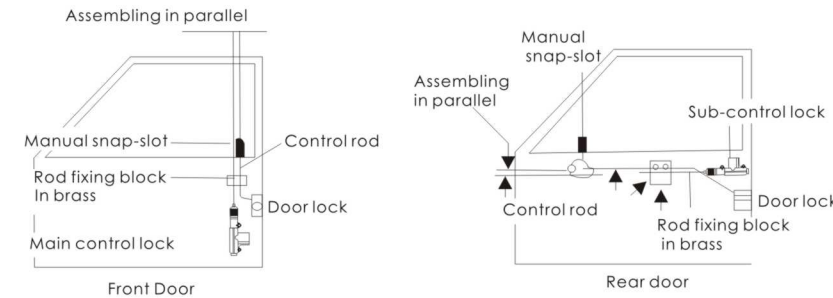


FIG. 1.0 INSTALLATION OF CONTROL LOCK

Cautions: 1. The installation of the control lock shall never obscure the mechanism and motion of car door and glass.

2. Make sure the motion direction of control lock main-shaft is in parallel to that of door lock

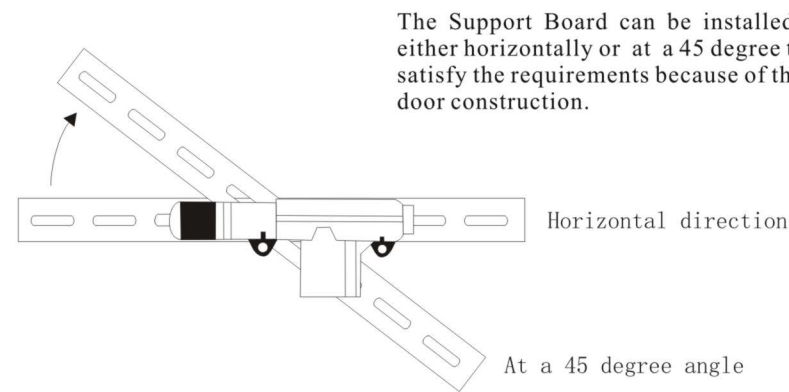


Fig 1.1 INSTALLATION OF SUPPORT BOARD

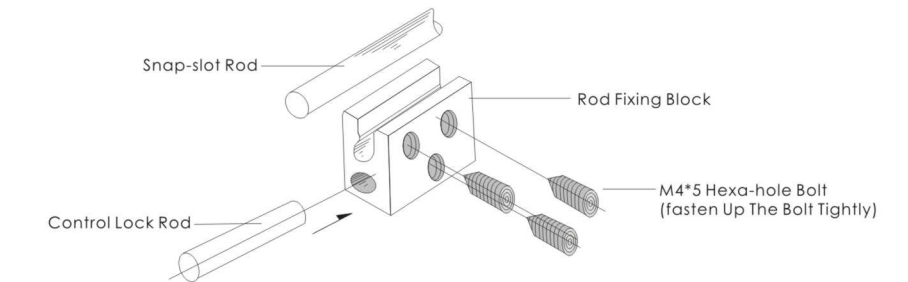


FIG 3.0 INSTALLATION OF DOOR-LOCK CONTROL ROD

PARTS LIST AND SPECIFICATION				
Model No.	Name	Specification	Quantity	Usage
ML	Main Control Lock	5 pins	1	For driver-side front door
SL	Sub-control Lock	2 pins	3	For other three doors
CL	Central Control Box	-	1	-
SB	Support Board	-	4	For fixing main control lock and sub-control lock
CR	Control Rod	-	4	-
BR	Rod Fixing Block	-	4	-
Ssl	Sub-control Lock Fixing Screws	TS MS*8	8	-
Bns	Support Board Bolt-nut Sets	M5*8	8	-
	Control Wires	U1 qualified	1	-

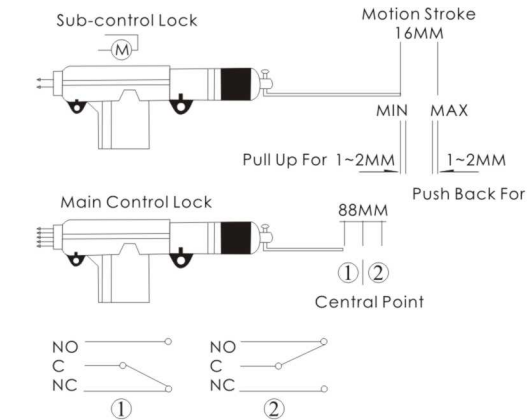


Fig.4.0 Motion Stroke Adjustment

CAUTIONS:

1. Make sure to adjust the stroke of control rod between the sub-control lock and snap-slot. The control rod shall be adjust to Max. Or Min position, then pull up or push back for 1-2mm then fasten the rod fixing block. The highest efficiency is accomplished
2. Make sure to adjust the stroke of main control lock to match the snap-slot control rod at the middle point of the latter's stroke.

2. WIRING DIAGRAM

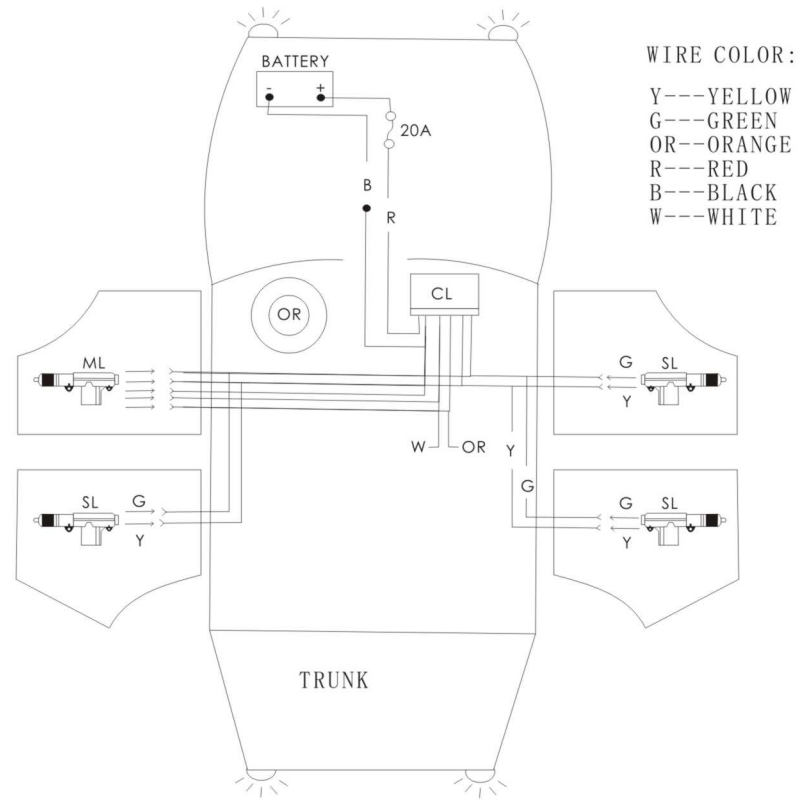


FIG 5.0 WIRING DIAGRAM

CAUTIONS: 1) Connect red wire and black wire to battery cathode and anode respectively  
 2) For protecting wires passing through door and car casing, please insert through flexible tubes for preventing from moisture.

3. MECHANISM MOTION TEST

- 1) Pull and push the door lock knob repeatedly to see if the other three door lock moves in the same direction and at the same time  
 (when a reversed motion is found, reverse the connection of yellow and green wires)
- 2) When the test is finished successfully, fasten the door internal decoration board properly.

C.TROUBLE SHOOTING

CAUSES	SOLUTION
1. Neither the main control lock nor the sub-control lock unaction	A. Check the connection of power wire and the fuse to see if they are in normal conditions B. Check the plug of control box to see if it is normal. C. Replace the control box when necessary
2. Main control lock disfunction	A. Check the matching color-code wires to see if they are correctly matched, or if there is a short way. B. Check the matching construction to see if there is any lost part C. Check and identify the correct moving stroke and installed parts directions. D. Replace the main control lock, if necessary.
3. Sub-control lock disfunction	A. Check the matching color-coded wires to see if they are correctly matched, or if there is a short way. B. Check the mechanism construction to see if there is any lost parts. C. Check and identify the correct moving stroke and installed parts directions. D. Replace the main control lock, if necessary.