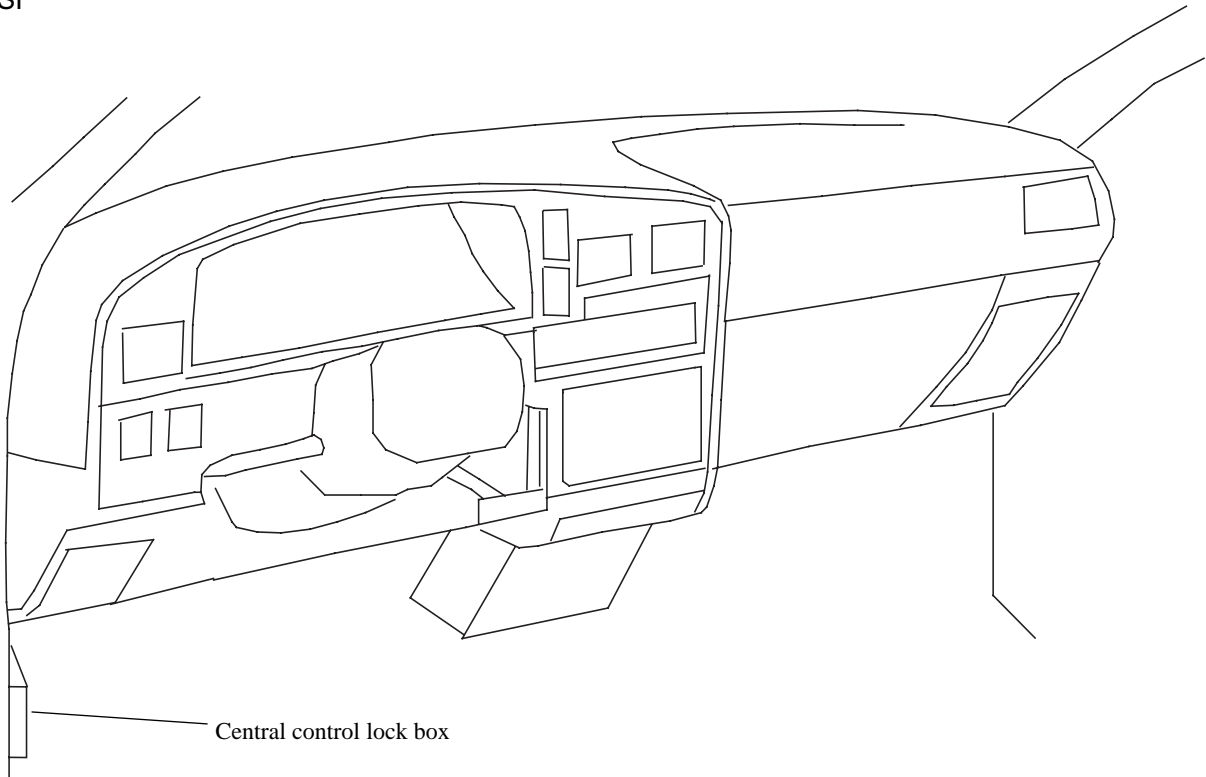


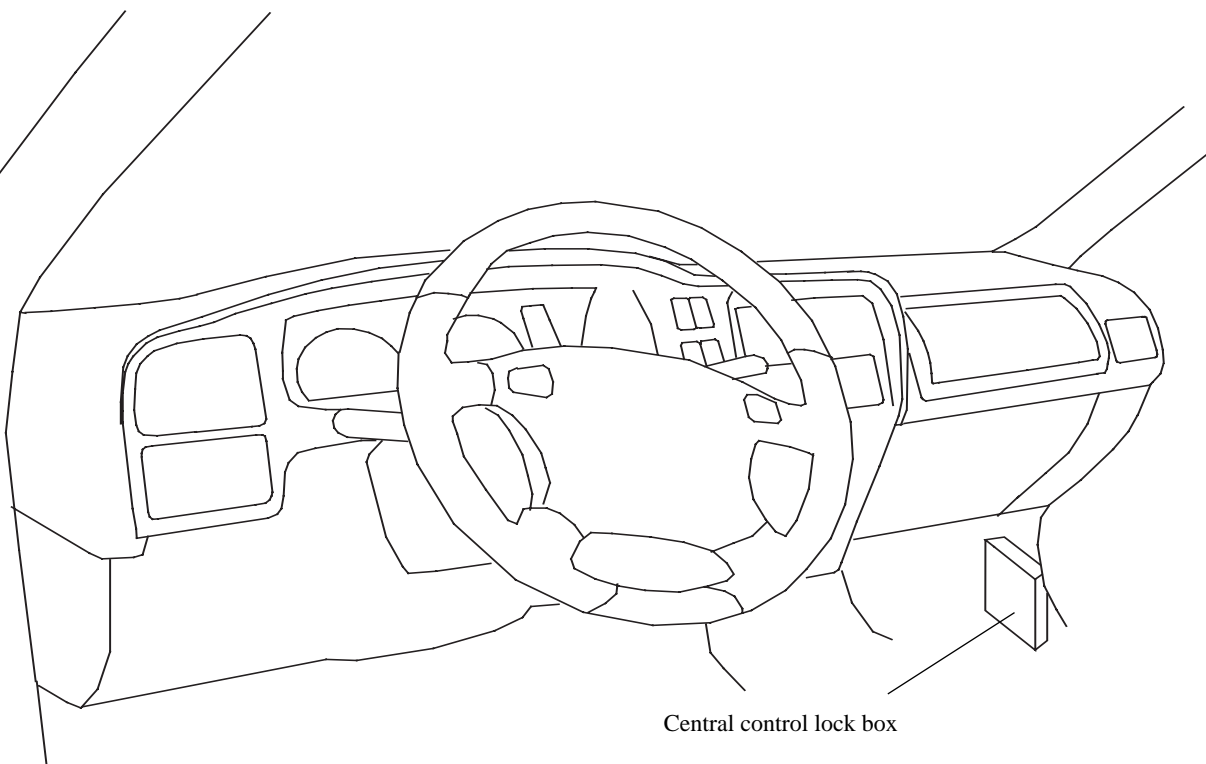
Central control lock and electric rocker gear system

Part Mounting position

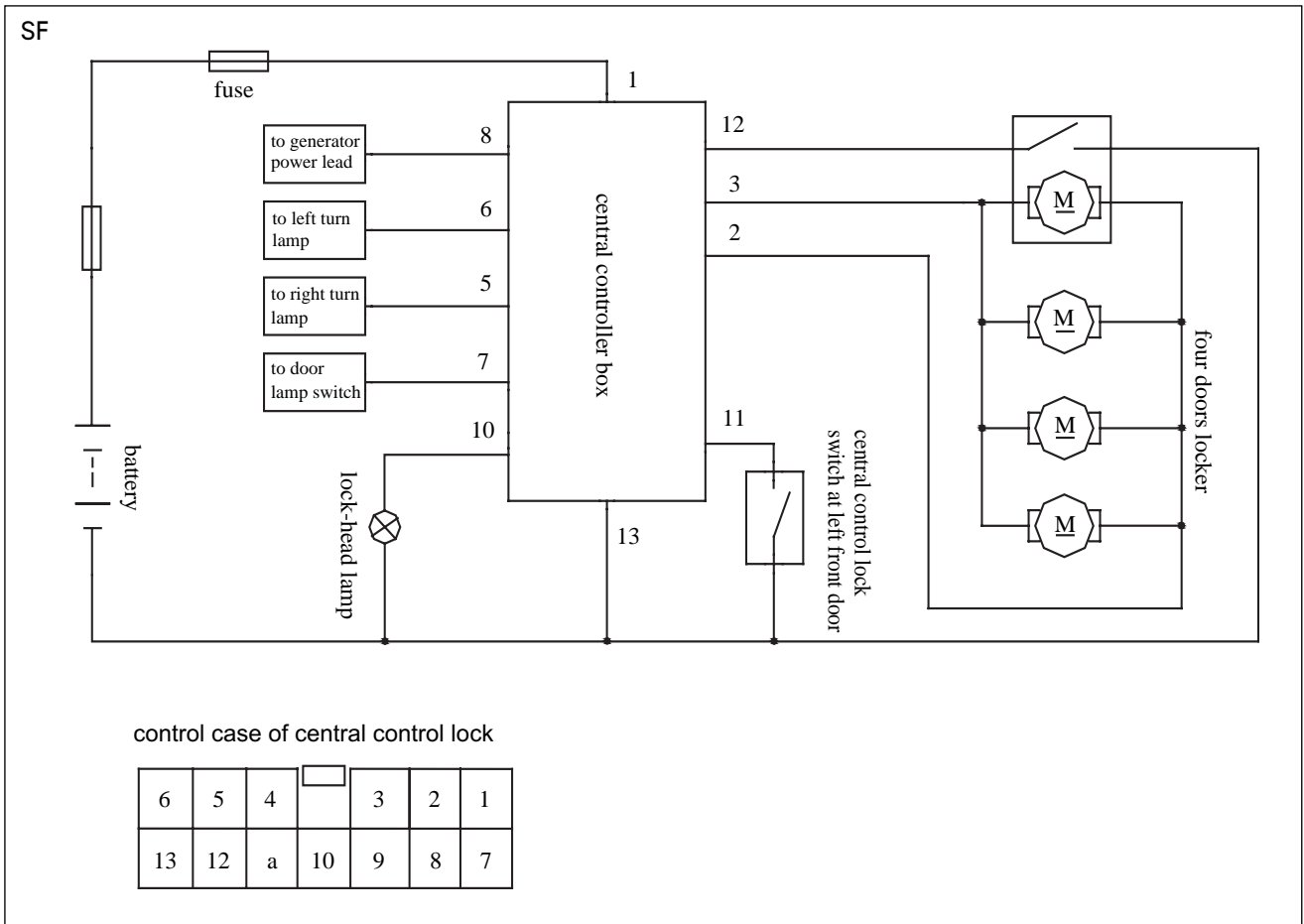
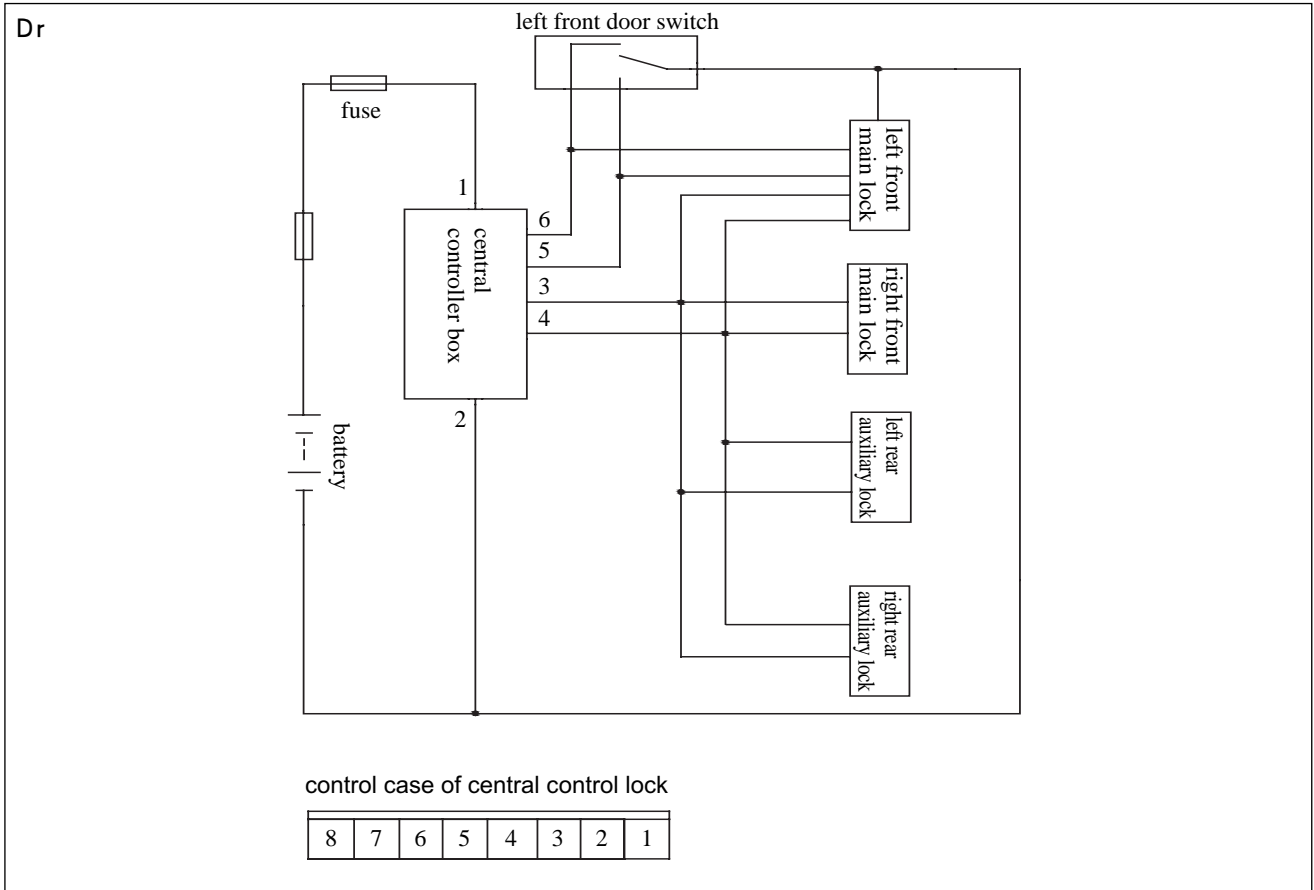
Dr SF



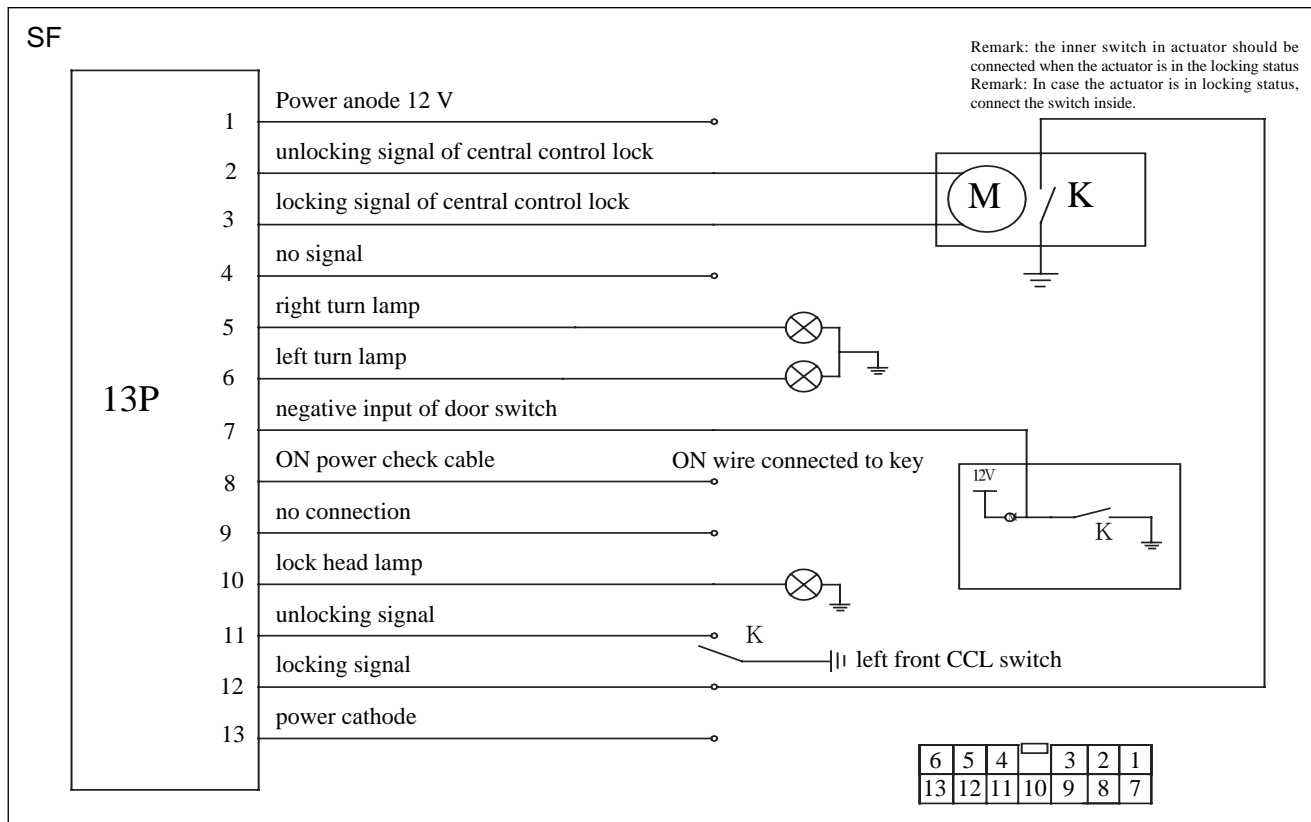
SL SK SY SJ



Electric circuit diagram of central control lock

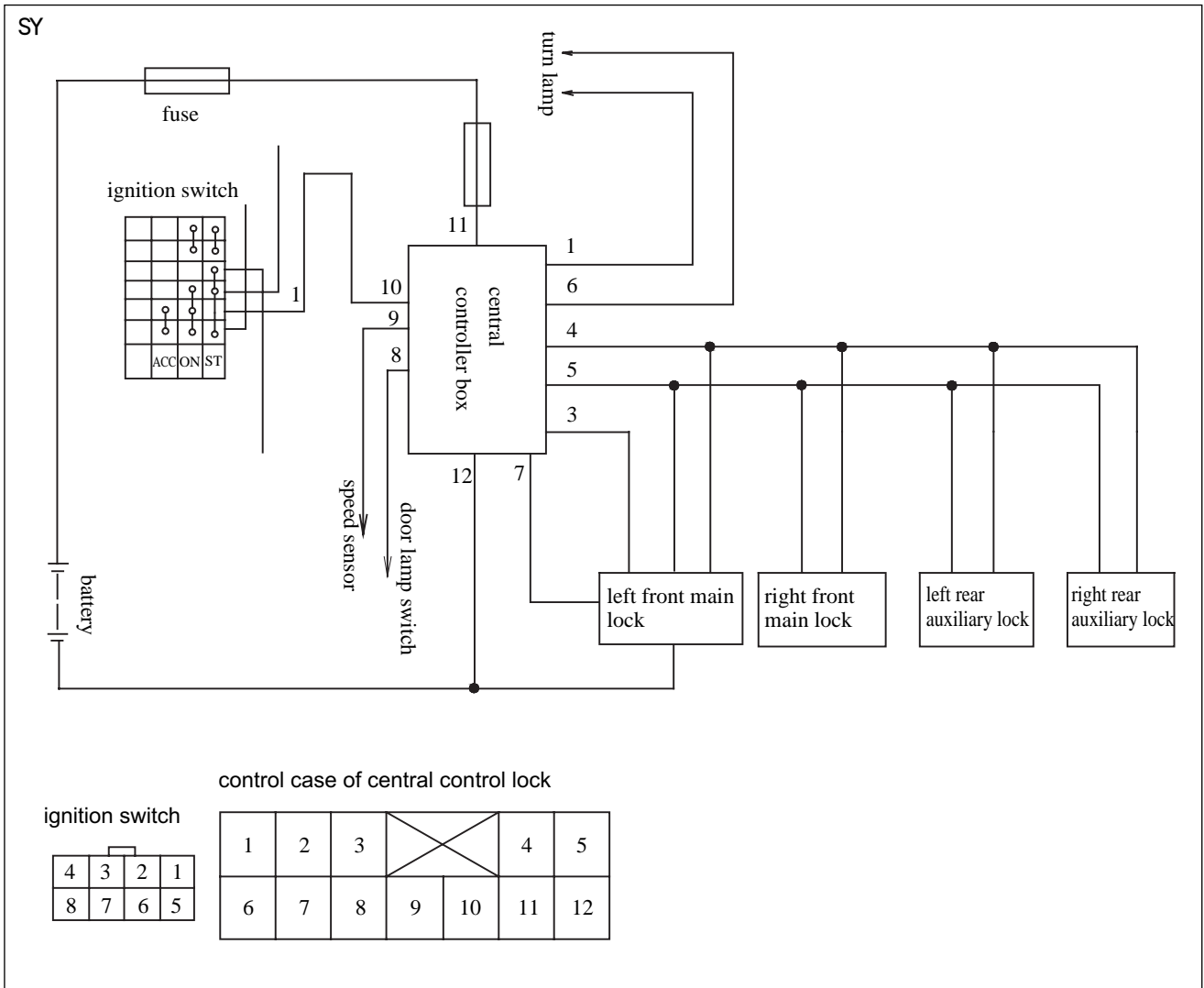
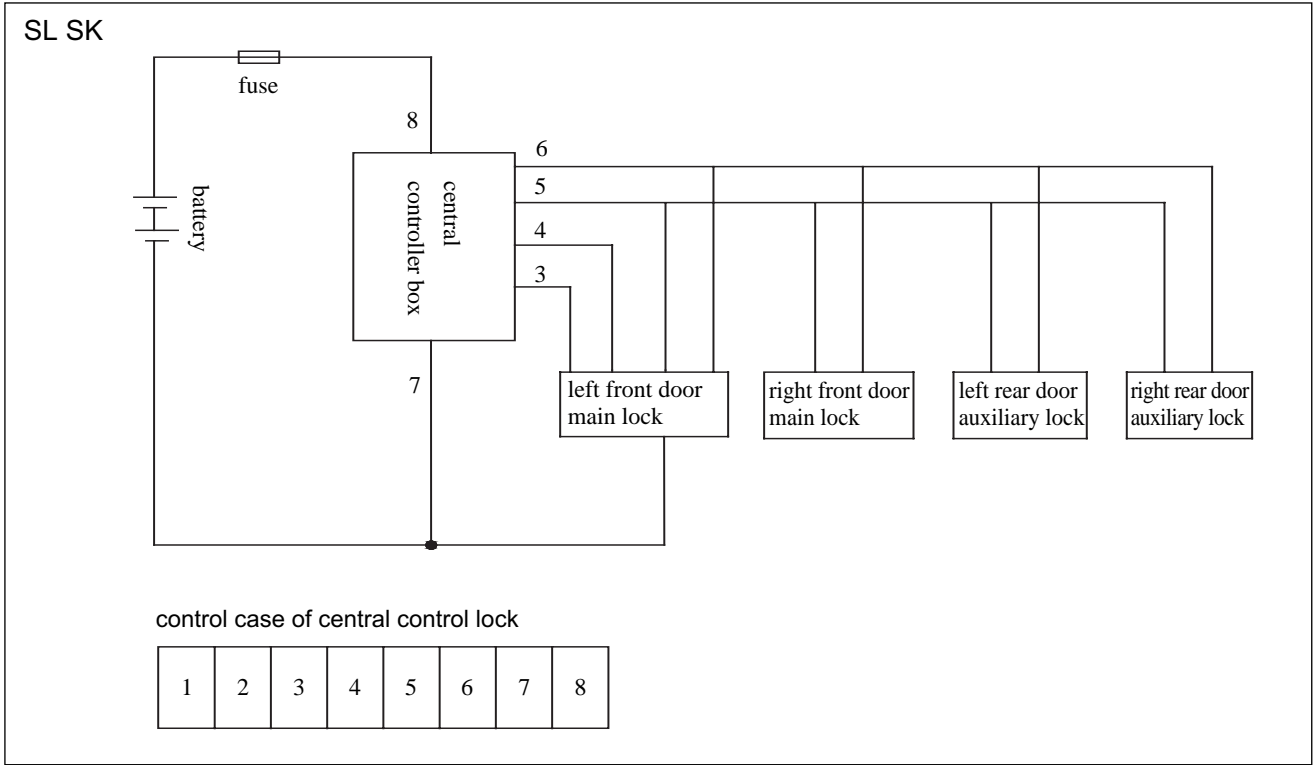


Definition for connecting wire of central control lock



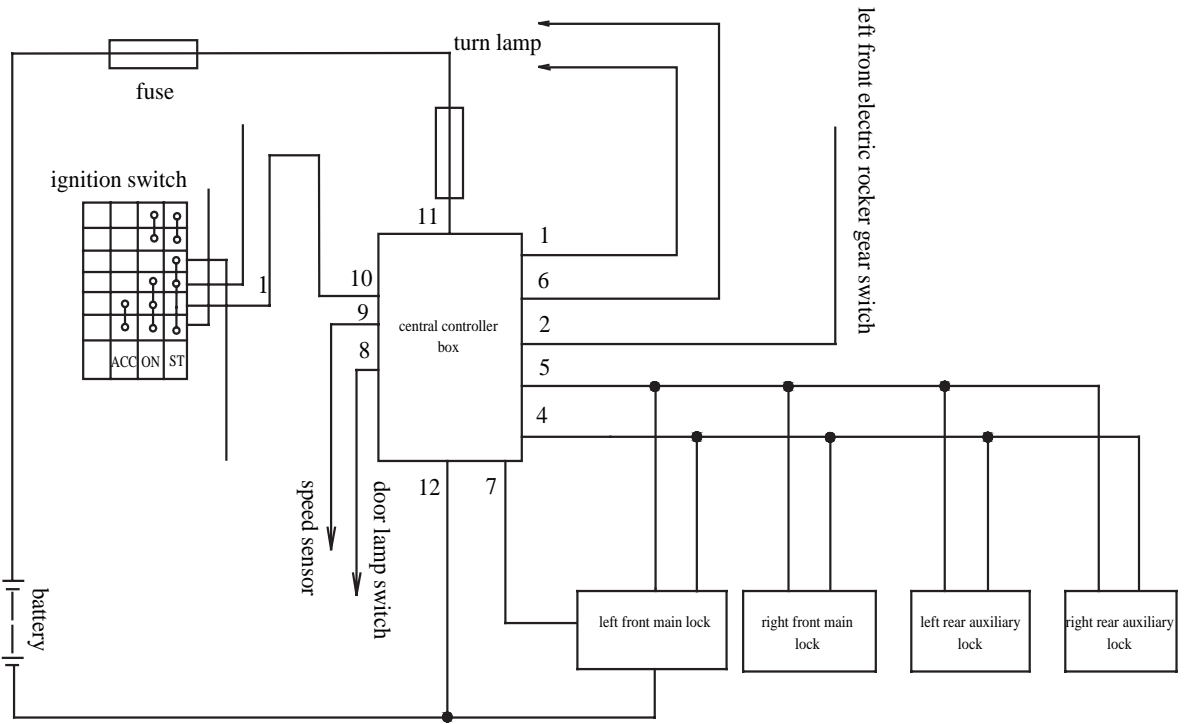
- | | |
|---|--|
| <ol style="list-style-type: none"> 1. Y/V Connect the power anode of 12V 2. B1 Unlocking output of central control lock: 3. LG locking signal of central control lock 4. non-connection 5. G/R Right turn lamp 6. G/Y Left turn lamp 7. Br Negative input of door switch 8. GD ON power check cable 9. Non-connection 10. GD/B Lock head lamp output 12. Y/B Locking signal 13. B Power cathode | <p>to the cell anode on vehicle, in front of which a fuse of 15 A should be set, and when the motor is started, the voltage should not less than 10V</p> <p>the locking wire of the CCL actuator, and the grounding wire at the normally closed contact inside the relay will contact with the normally opening contact at the common spots inside relay when unlocking with REMOTE CONTROLLER or manually, the wire will output 12 V voltage.</p> <p>The CCL locking signal is connected to the unlocking wire of actuator of CCL, and the normally closed contact in the interior relay is grounding wire, which will output 12 V voltage when unlocking with REMOTE CONTROLLER or manually and the common spots of relay contacting the normally opening contact.</p> <p>There is no wire connected at present</p> <p>Connected to the anode wire of the right turn lamp on the vehicle, and it will output 12 V voltage in operation.</p> <p>Connected to the anode wire of left turn lamp on the vehicle, and it will output 12 V voltage when in operation</p> <p>Which is connected to the door switch and it is grounding when the door is opened (the indoor lamp will light)</p> <p>Connected to the ON wire of the locking door(there will be 12 v voltage when rotating the key at “ON” position.</p> <p>This wire is not connected temporarily</p> <p>There will be 12 V voltage outputted in this wire when opening the door, and will be powered off (no output) ten seconds later after the door is closed</p> <p>Connected to the locking signal wire of CCL at the left front door, and connect to the grounding wire when in operation.</p> <p>Connect to the body (grounding wire) it should be as short as possible, because the overlong wire will produce the interference source.</p> |
|---|--|

Electric circuit diagram of central control lock (continued)



Electric circuit diagram of CCL

SJ Top-grade SY



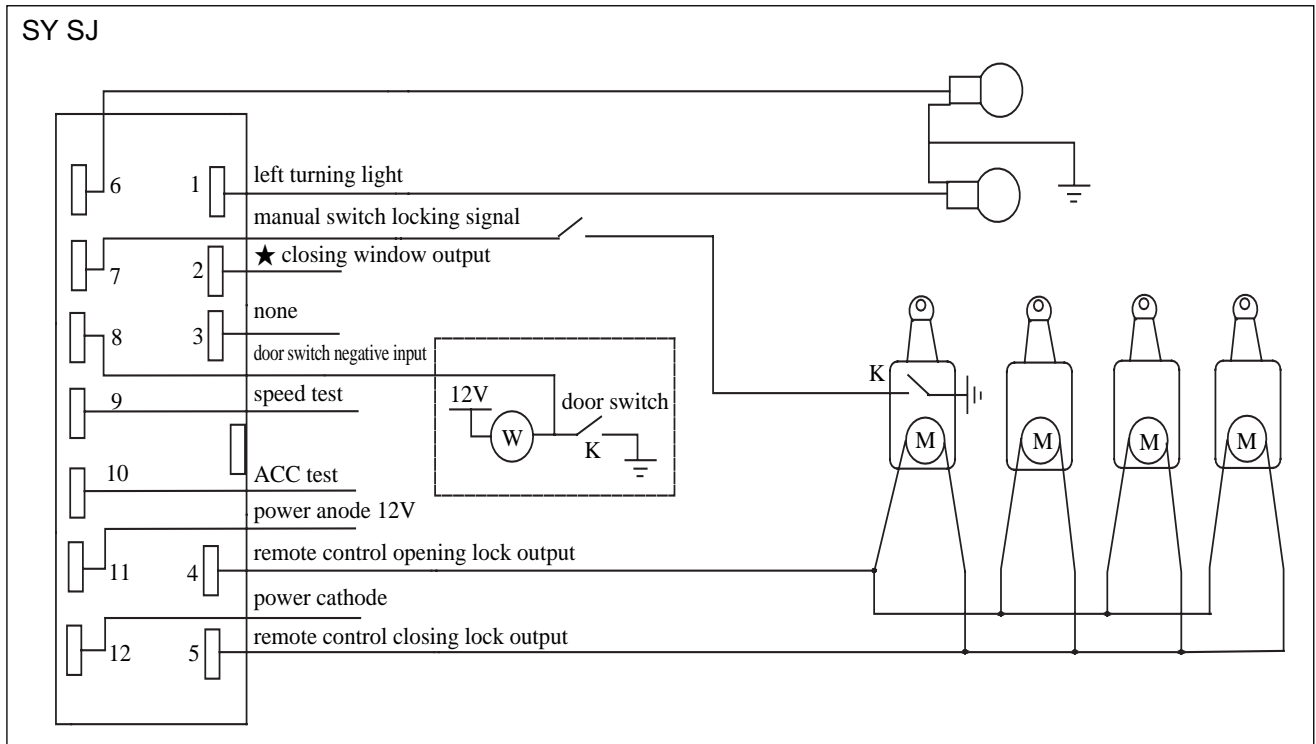
central controller box

ignition switch

4	3	2	1
8	7	6	5

1	2	3	X		4	5
6	7	8	9	10	11	12

Definition of the connecting wire of CCL



- | | |
|--|--|
| 1. G/R(G/W) Turn lamp | Connected to the anode wire of the turn lamp (right) on vehicle, it will output 12 V voltage when it is in operation |
| 2. O(w/b1) Window-shutting signal output | This wire has one second of voltage output of 12V when the car door is locking. (top SY SJ) |
| 3. No connection | |
| 4. G (Y) Unlocking output of CCL | Connected to the locking wire of actuator of CCL, and the normally closed contact in the internal relay is the grounding wire. It will output 12 v voltage when locking with REMOTE CONTROLLER or manually because the common spot of relay will contact the normally opening contact. |
| 5. Bl(G) Locking output of CCL | Connected to the locking wire of actuator of CCL, and the normally closed contact inside the internal relay is the grounding wire. It will output 12 V voltage when locking with REMOTE CONTROLLER or manually because the common spots of relay will contact with the normally opening contact. |
| 6. Gr(G/B) Turn lamp | Connected to the anode wire of left turn lamp of vehicle, it will output 12 v Voltage when in operation. |
| 7. W(W) Manually controlled unlocking signal | The door lock control the locking process through the manual unlocking switch at left front door, that is, under the locking condition, press the switch, the lock will be opened (the switch will return to the connection situation automatically after pressing). |
| 8. Br(R/B) Negative output of door switch | Connected to the car door lamp switch, it is connected to the grounding wire (the indoor lamp will light when opening the door). |
| 9. R/G(G/B) Rotating speed test | The car door will lock automatically when the vehicle reaches a certain speed. |
| 10. W(R) ACC test | Connect to the ACC wire, which will have 12 V voltage when the key is rotated to the ACC position. |
| 11. R (R) Power anode (12V) | Connect to the anode of accumulator on vehicle, in front of which should be set the fuse so that the voltage will be no less than 10V when the starter is in operation. |
| 12. B(B) Power cathode | Connect to the body (grounding wire), it should be short as possible as can because the overlong wire will produce the interference source. |

Items in the parenthesis is for SY diesel model

Items with ★ are configuration for SJ and top SY

Diagram of electric rocker gear

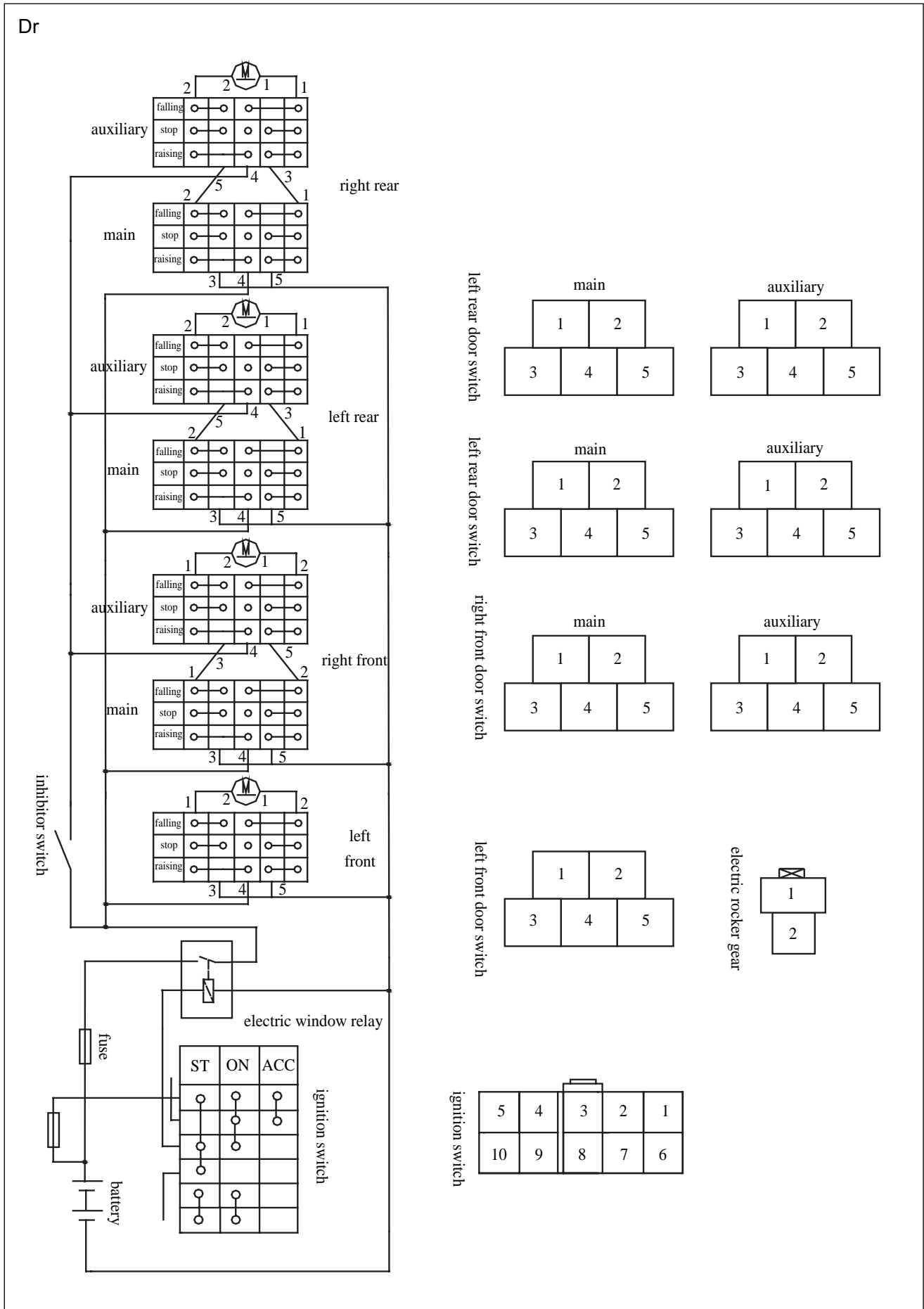
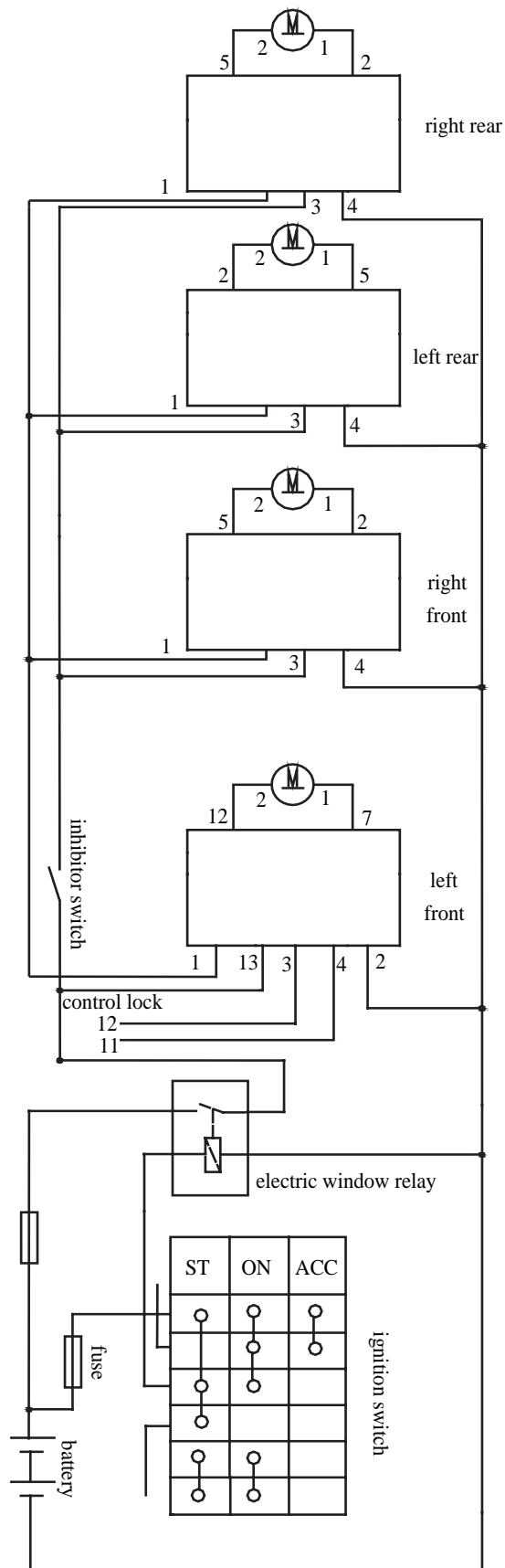
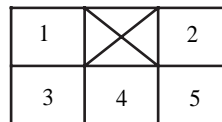


Diagram of electric rocker gear

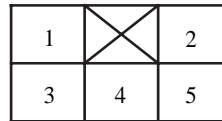
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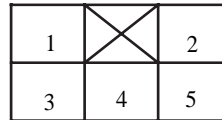
right rear door switch



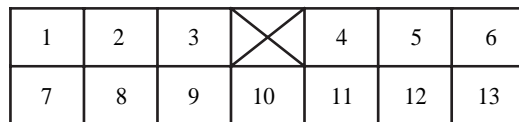
left rear door switch



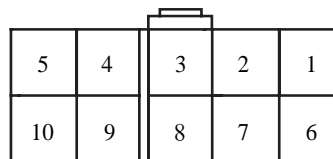
right front door switch



left front door switch



ignition switch



electric rocker gear

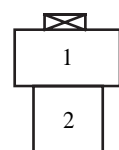


Diagram of electric rocker gear

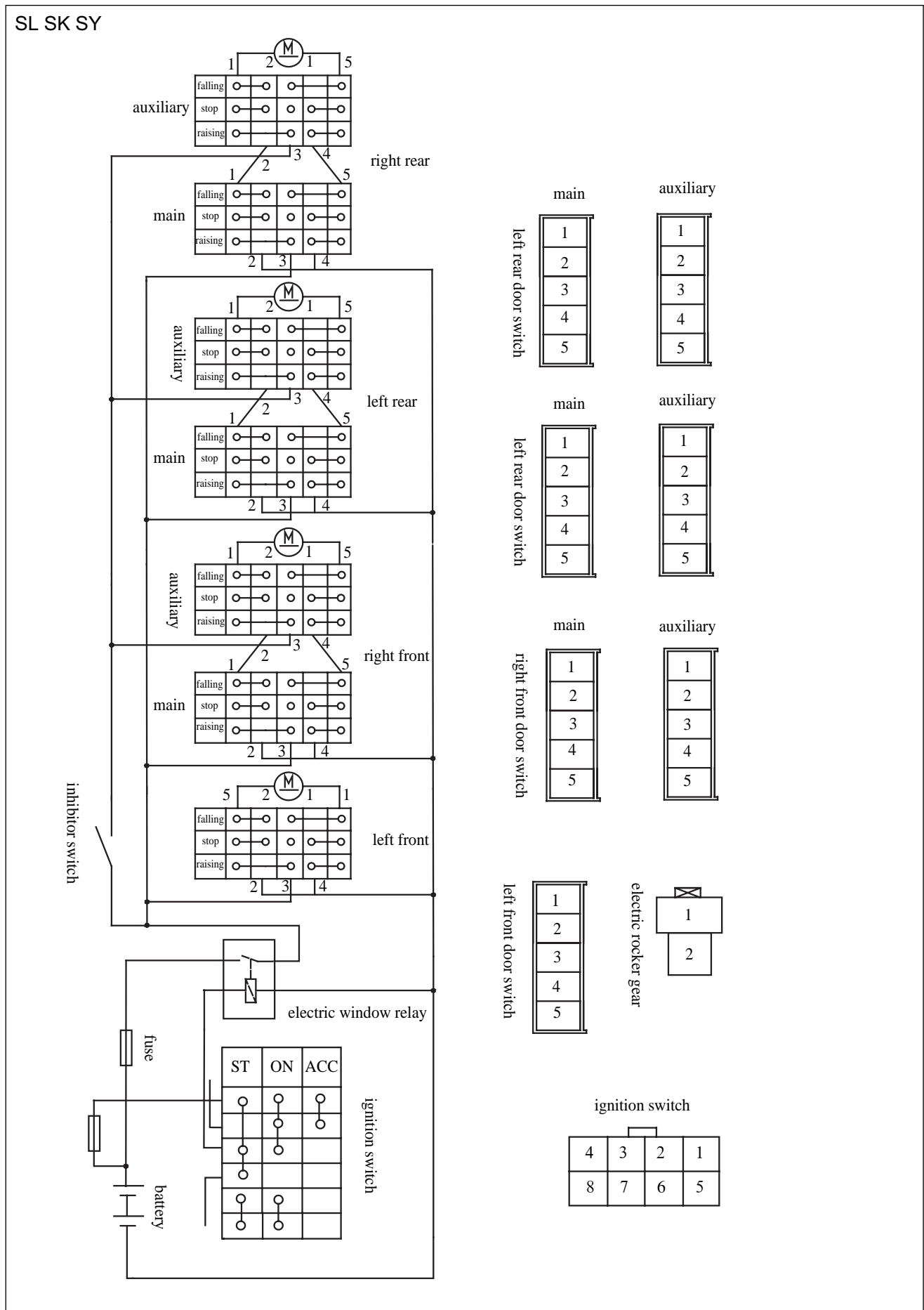
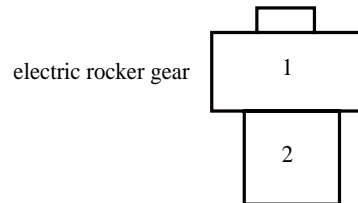
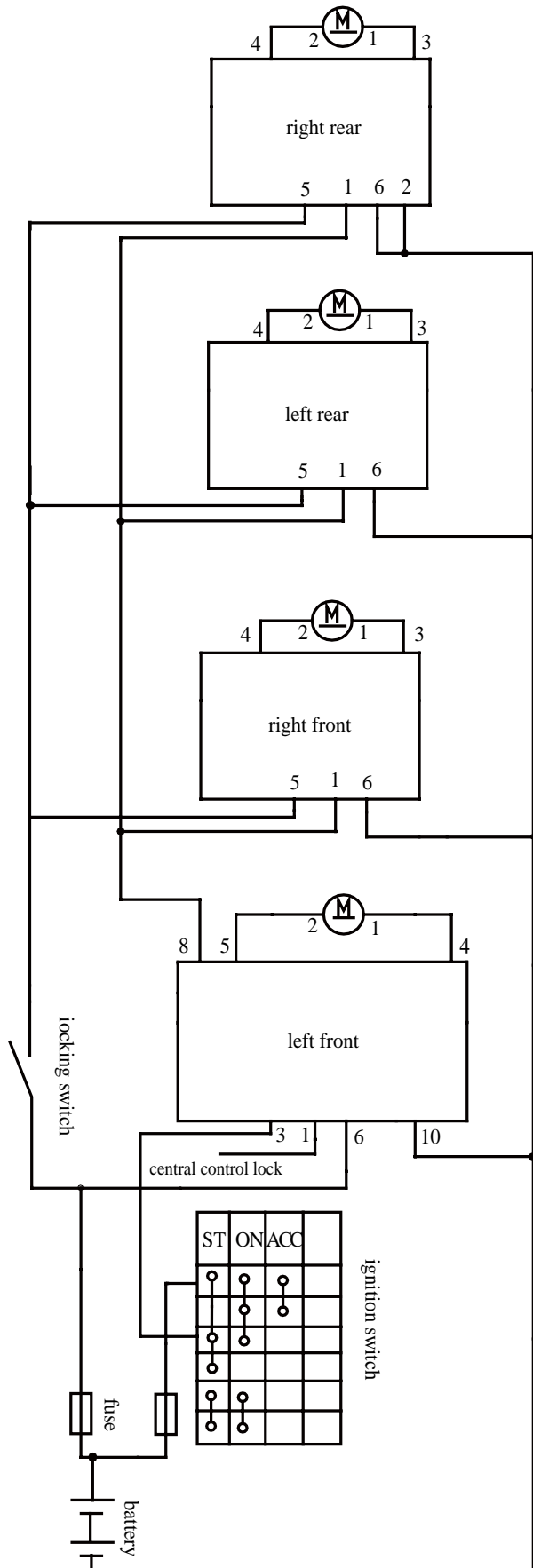


Diagram of electric rocker gear

SJ Top-grade SY



right rear door switch

1		2
3	4	5 6

left rear door switch

1		2
3	4	5 6

right front door switch

1		2
3	4	5 6

left front door switch

1	2		3	4
5	6	7	8	9 10

Inspection on Common Trouble

Trouble	Possible causes	Repairing approaches
Electric rocker gears at four doors don' t work	Burned out fuse	Change and check whether there is short circuit
The CCL at four doors don' t work	Burned out fuse	Change and check whether there is short circuit
The electric rocker gear or CCL at one door doesn' t work	Wiring failure Seize-up of electric rocker gear or mechanical lock Failure of brush-rocker or lock out device	Make reparation as required. Make reparation as required. Change
The indicating lamp of electric rocker gear switch doesn' t work	Wiring failure Failure of indicating lamp locates interior side of switch	Make reparation as required. Change
One remote controller cannot control the CCL	There is no electricity in the remote controller	Change the cell
Both remote controller cannot control the CCL	Controller box damage	Change
Glass cannot raise automatically after the car door is locked (top SY SJ)	Wiring failure Failure of Control case of CCL Brush-rocker switch failure	Make reparation as required. Change Change