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## POWER WINDOW MAIN SWITCH

id091200012300

### Purpose

- Remote control of door glass open/close and power outer mirror adjustment and retract/return are possible with occupant seated in the cabin (with retractable power outer mirrors).
- Remote control of door glass open/close and power outer mirror adjustment are possible with occupant seated in the cabin (without retractable power outer mirrors).

### Function

#### Power window main switch

- Manual
  - When the power window main switch is operated for manual open/close operation, it sends a manual open/close signal to the P/W CM (power window control module).
- Auto
  - When the power window main switch is operated for auto open/close operation, it sends an auto open/close signal to the P/W CM.
- Power cut
  - When the power-cut switch is pressed, it disables the operation of the power window subswitches for the front and rear passenger seats.

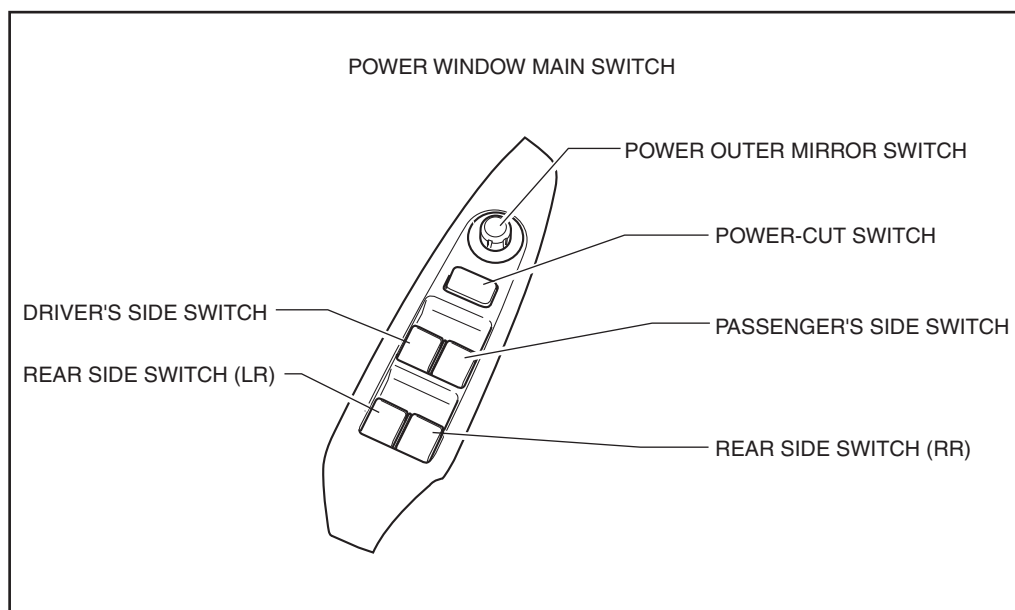
#### Power outer mirror switch

- Up-down/left-right adjustment
  - The power outer mirror switch switches the contact point according to the switch operation. As a result, the circuit to the up-down/left-right adjustment motor is switched.
- Retract/Return
  - The power outer mirror switch switches the contact point according to the switch operation. As a result, the circuit to the retract/return motor is switched.
- Left/right selection
  - The power outer mirror switch is used to select the side on which adjustment of the power outer mirror glass is desired.

### Construction

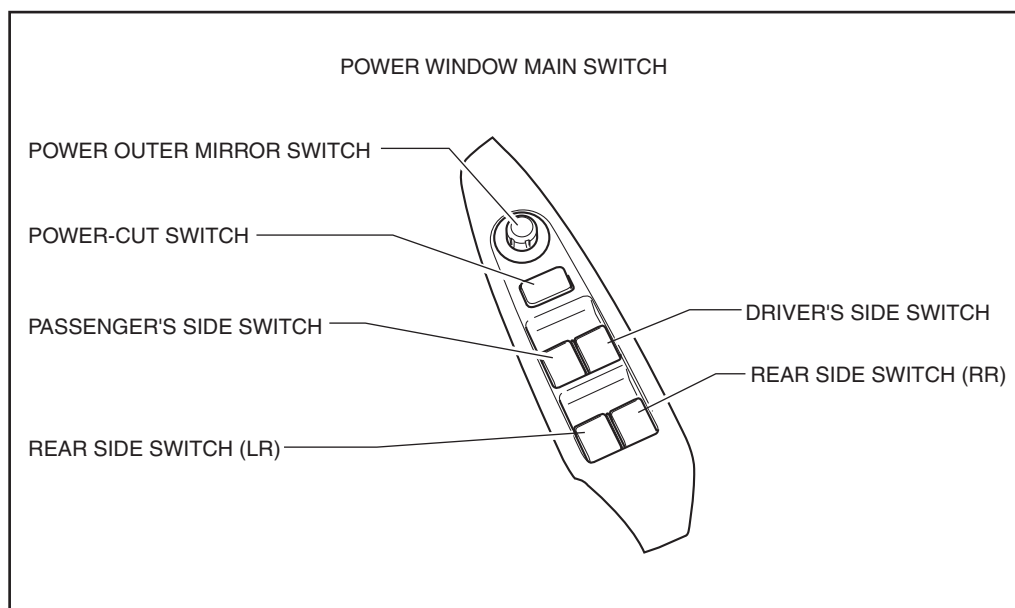
- The power window main switch consists of the following parts:
  - Driver's side switch
  - Front passenger's side switch
  - Rear passenger switch (LR)
  - Rear passenger switch (RR)
  - Power-cut switch
  - Power outer mirror switch
    - Up/down/left/right adjustment
    - Retract/return
    - Left/right selection
- The power window main switch has a built-in P/W CM, and controls the auto reverse pinch protection, IG OFF timer, and IG OFF timer cancel functions.

## L.H.D.



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## R.H.D.



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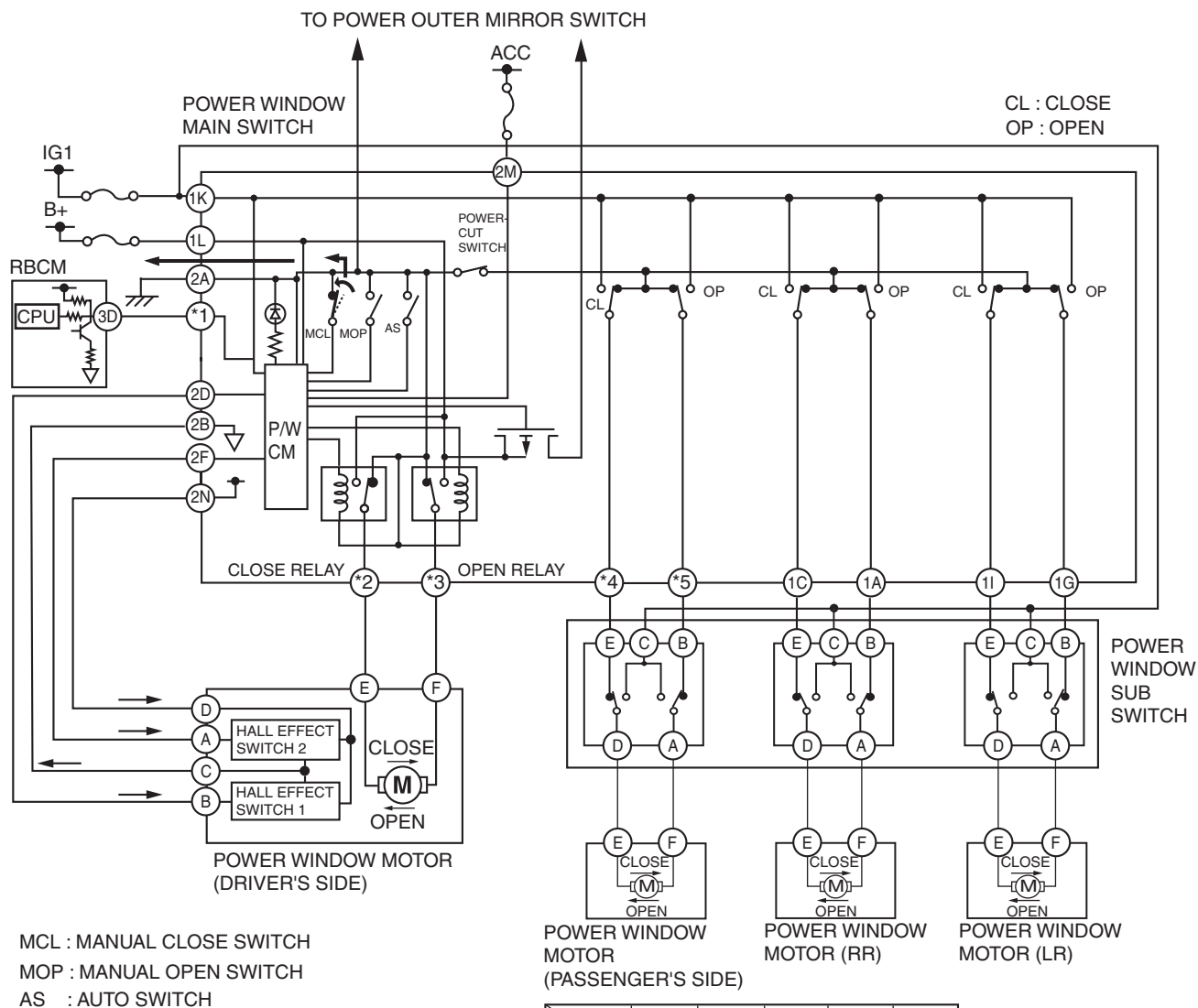
## Operation

### Power window main switch

1. Contact points for door glass opening/closing can be changed by operating the power window main switch. The P/W CM monitors the operation conditions of the driver's side switch and power window motor.

## With driver's side window auto open/close

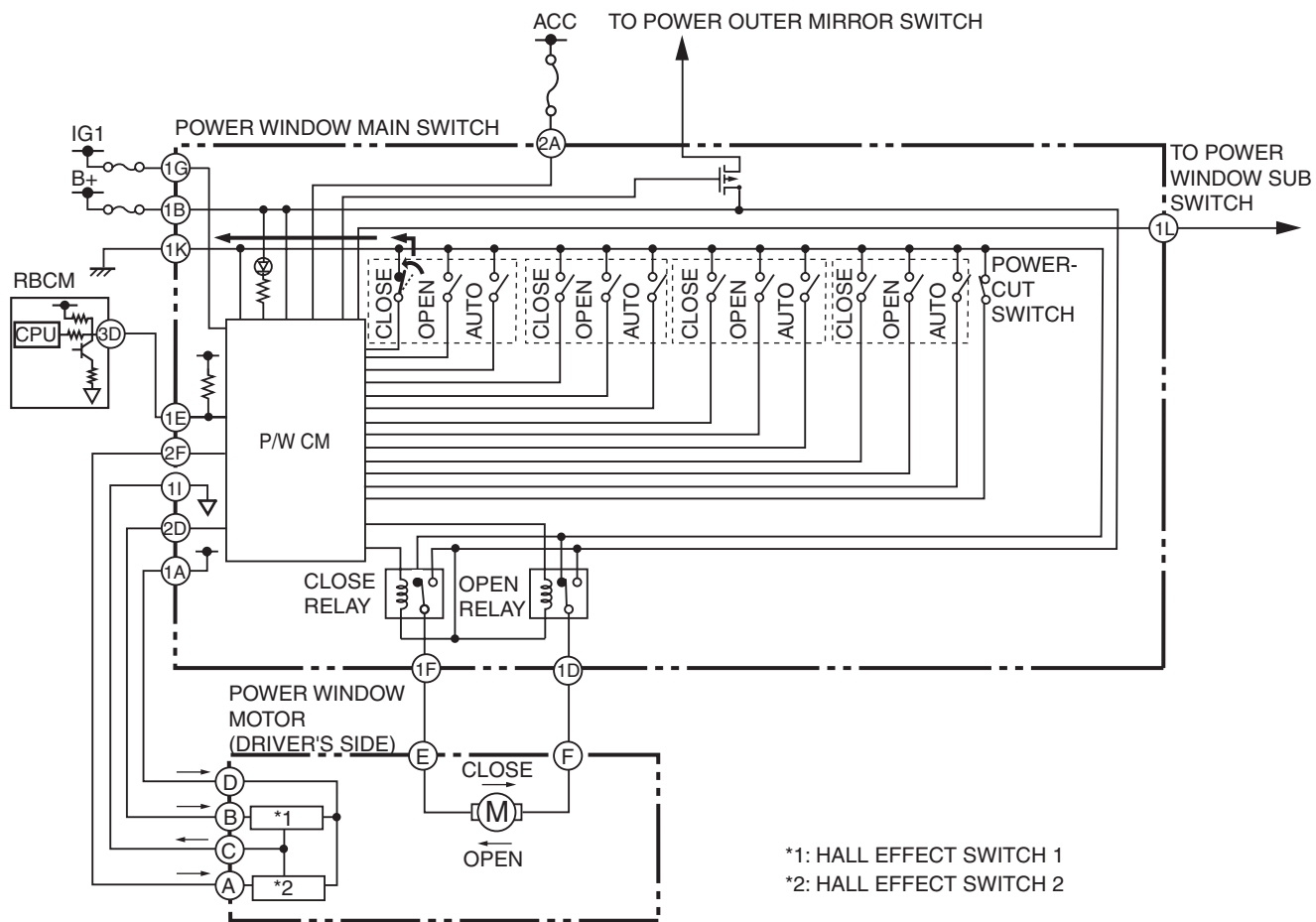
### MANUAL CLOSE (EXAMPLES)



	*1	*2	*3	*4	*5
L.H.D.	1F	1J	1H	1D	1B
R.H.D.	1B	1H	1F	1J	1D

## With all window auto open/close

### MANUAL CLOSE (EXAMPLES)

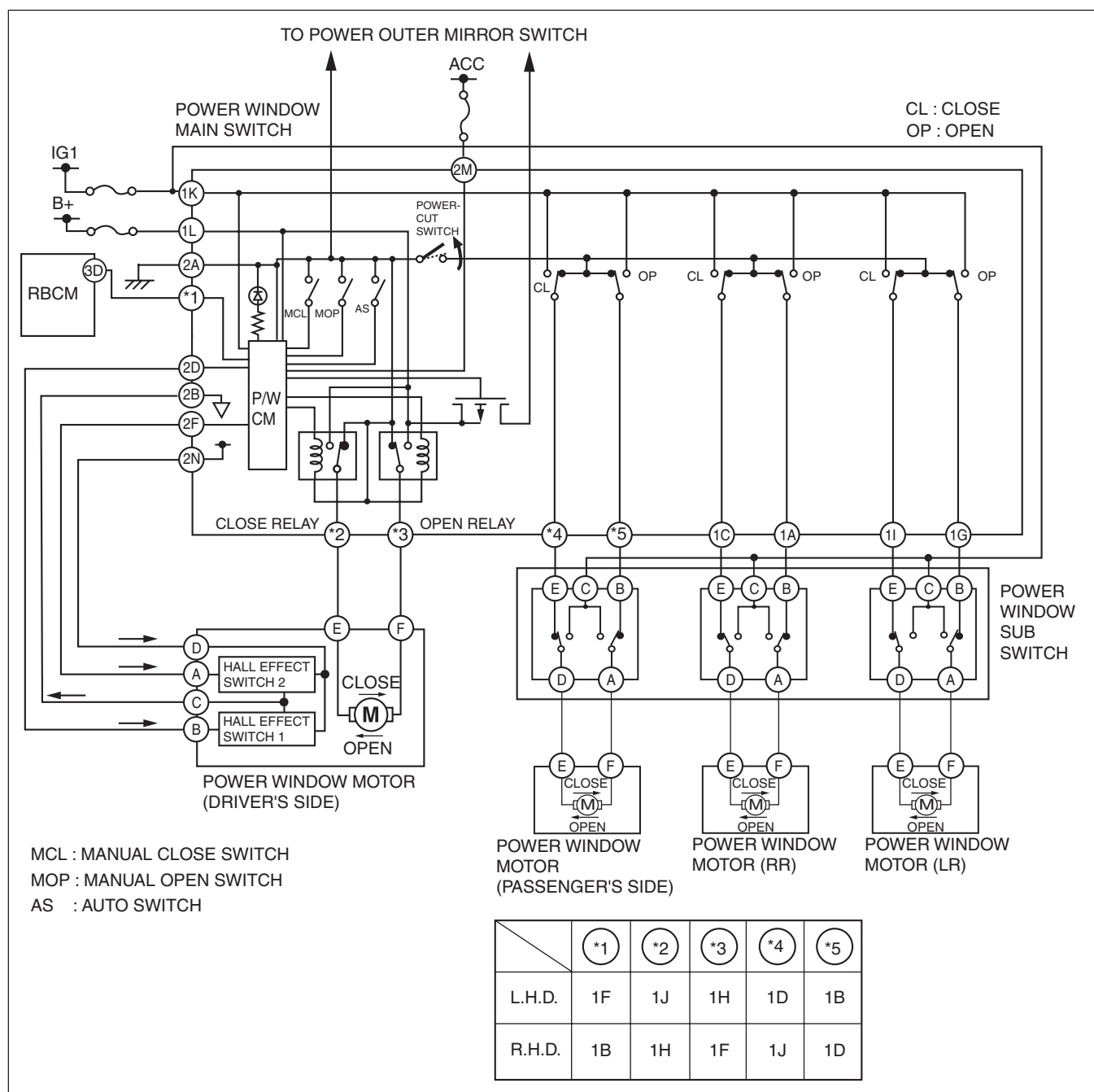


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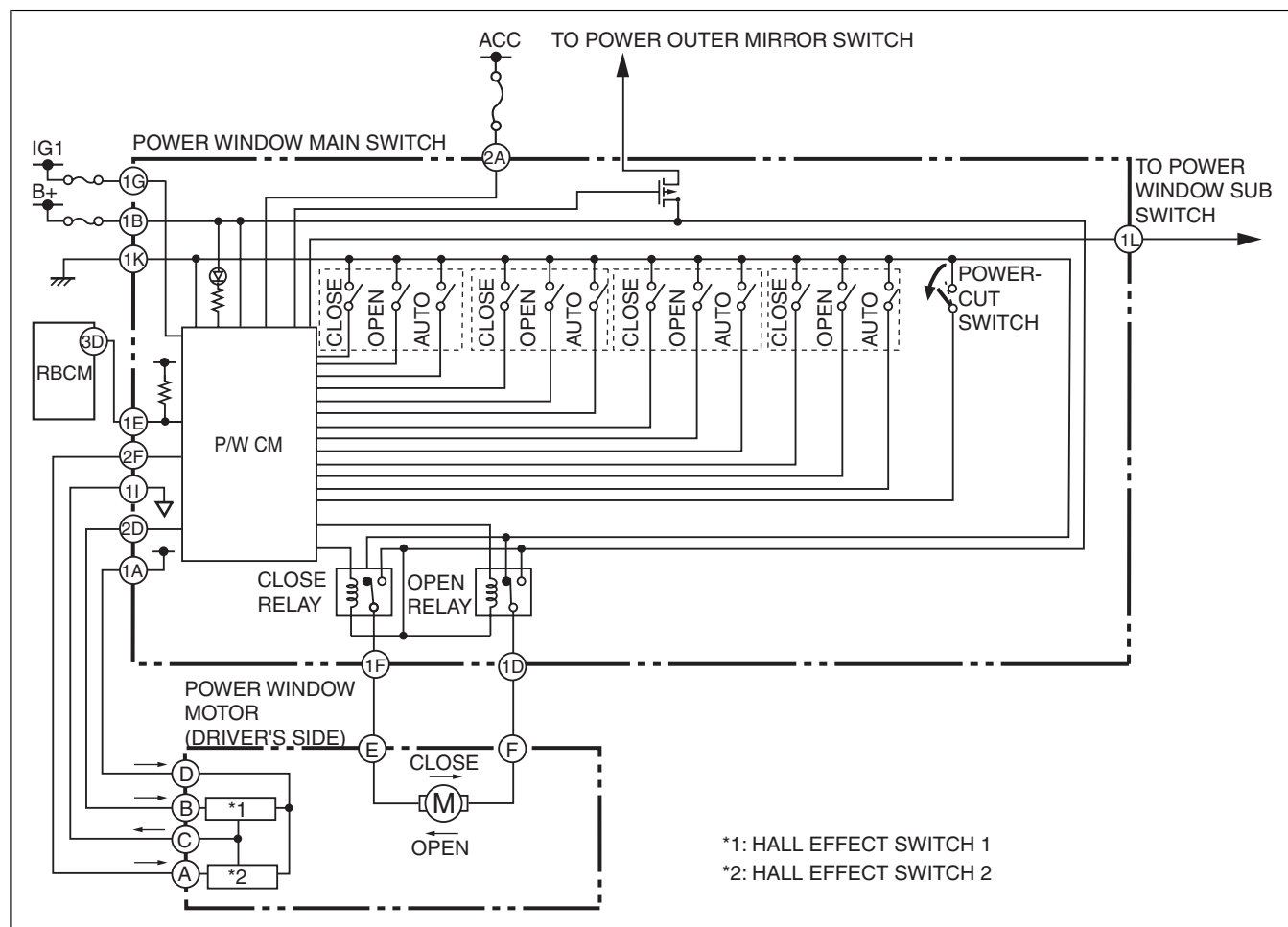
### Power-cut switch

1. The power window main switch turns off when the power-cut switch is operated for lock operation.

## With driver's side window auto open/close



## With all window auto open/close



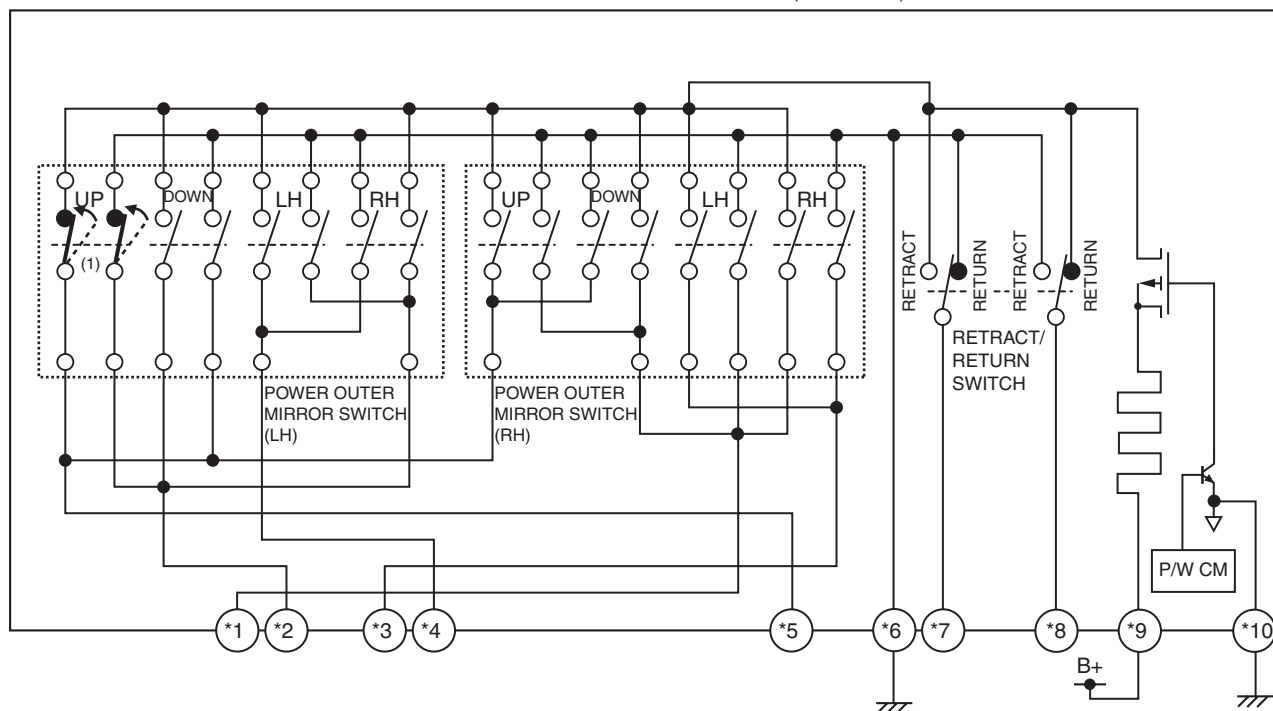
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## Power outer mirror switch

- Up/down/left/right contact points for the power outer mirror can be switched by operating the power outer mirror switch.

## With retract/return function

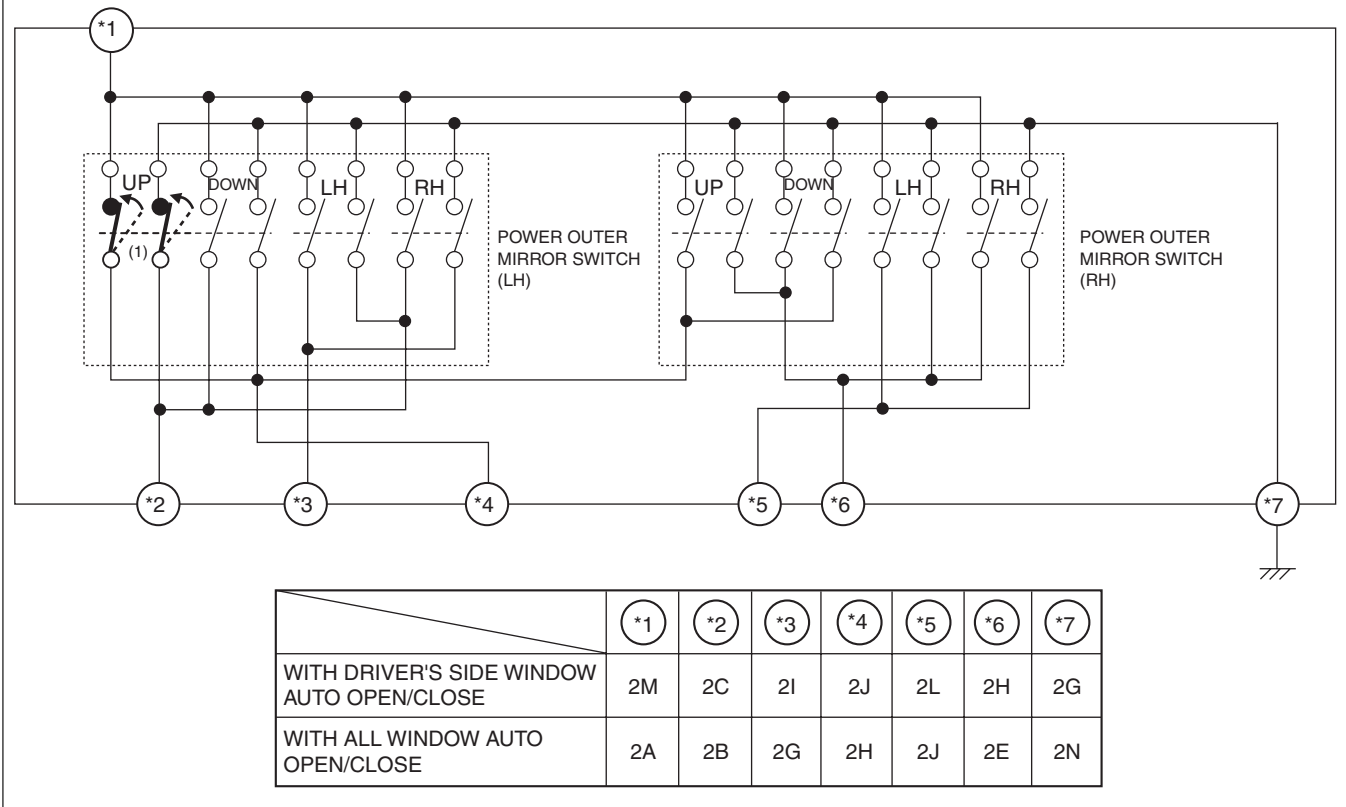
POWER OUTER MIRROR SWITCH IS PRESSED IN THE UPWARD DIRECTION (EXAMPLE)



	*1	*2	*3	*4	*5	*6	*7	*8	*9	*10
WITH DRIVER'S SIDE WINDOW AUTO OPEN/CLOSE	2H	2C	2L	2I	2J	2G	2E	2K	1L	2A
WITH ALL WINDOW AUTO OPEN/CLOSE	2E	2B	2J	2G	2H	2N	2C	2I	1B	1K

**Without retract/return function**

POWER OUTER MIRROR SWITCH IS PRESSED IN THE UPWARD DIRECTION (EXAMPLE)



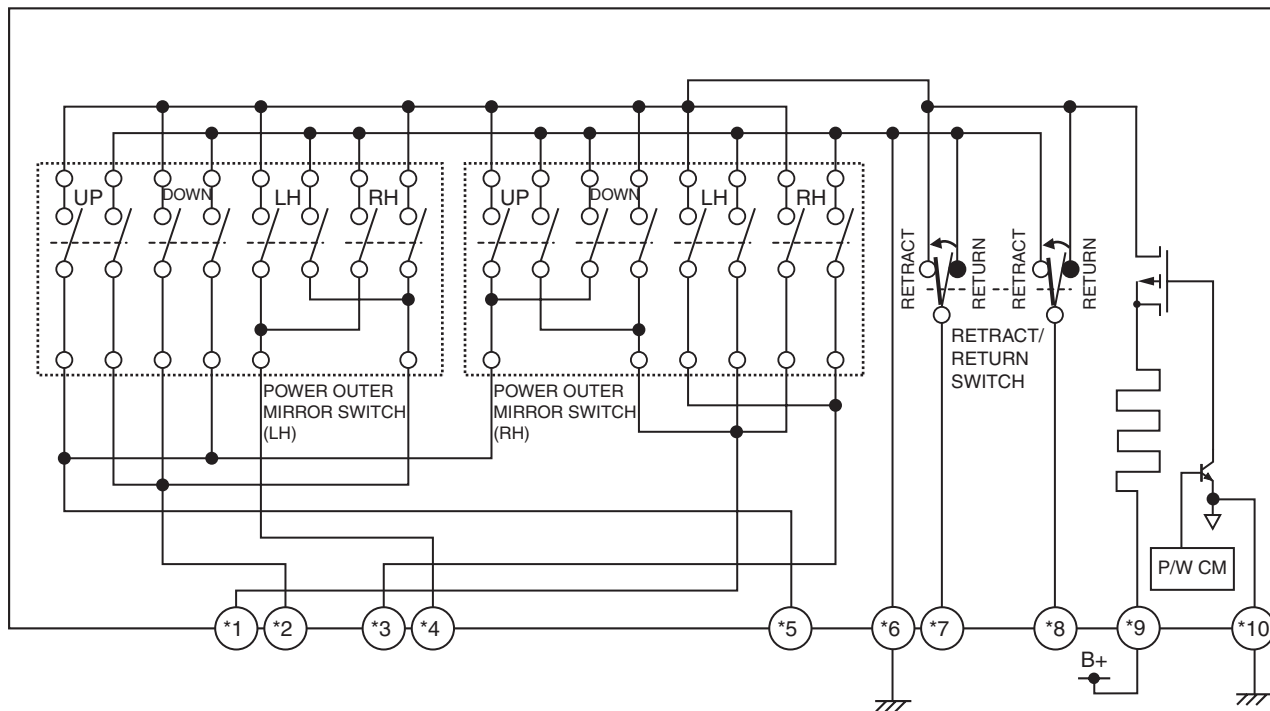
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**Retract/Return switch**

1. Contact points for power outer mirror retract/return can be switched by operating the power outer mirror switch.



**SWITCHED FROM RETURN TO RETRACT  
(EXAMPLE)**



	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩
WITH DRIVER'S SIDE WINDOW AUTO OPEN/CLOSE	2H	2C	2L	2I	2J	2G	2E	2K	1L	2A
WITH ALL WINDOW AUTO OPEN/CLOSE	2E	2B	2J	2G	2H	2N	2C	2I	1B	1K

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## Fail-safe

- Function not equipped.