

# **Component Procedures: Power Window Motor**

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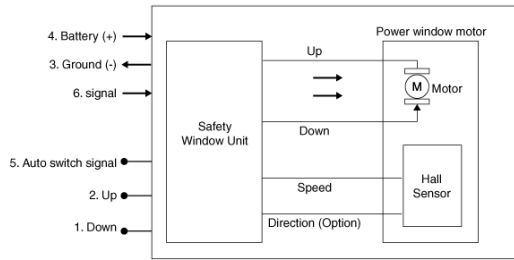
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# Component Procedures: Power Window Motor

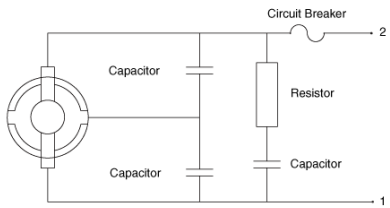
## Power Window Motor - Schematic Diagrams (Article 44609)

### - Circuit Diagram

[Safety]



[Standard]

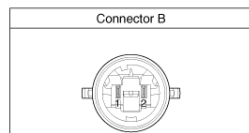
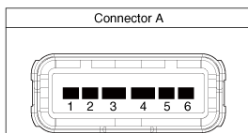
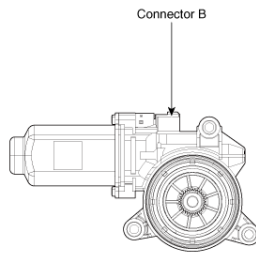
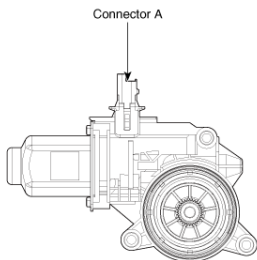


## Power Window Motor - Components and Components Location (Article 44606)

### - Components

[Safety window motor]

[Standard window motor]



No	Description
1	Down
2	Up
3	GND
4	Battery (+)
5	Auto
6	Enable

No	Description
1	Up
2	Down

## Power Window Motor - Repair Procedures (Article 44610)

### - Inspection

Wrap the protective tape on the tool to disassemble with the screwdriver or remover. Use caution in keeping and handling during disassembling/assembling because it is easily contaminated with lubricant and oil. Be careful not to scratch the door trim and other parts.

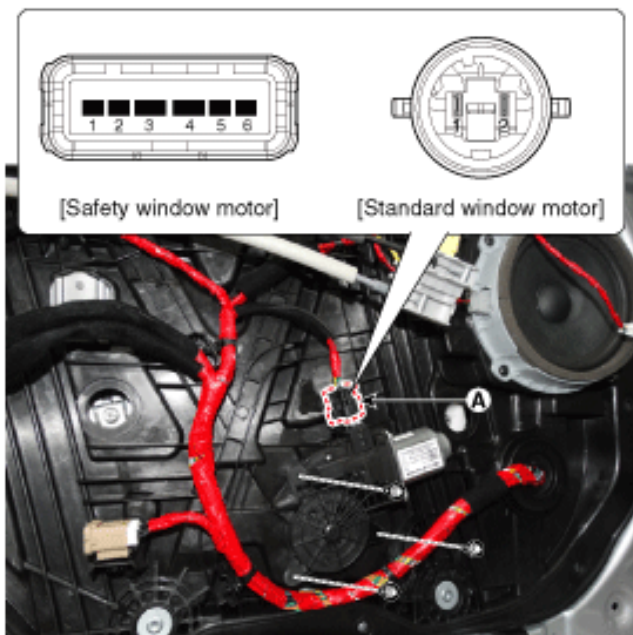
# ⚠ CAUTION

- Wrap the protective tape on the tool to disassemble with the screwdriver or remover.
- Use caution in keeping and handling during disassembling/assembling because it is easily contaminated with lubricant and oil.





- Be careful not to scratch the door trim and other parts.

## Front Power Window Motor







- Disconnect the negative (-) battery terminal.
- Remove the front door trim.
- Disconnect the motor connector from the motor.



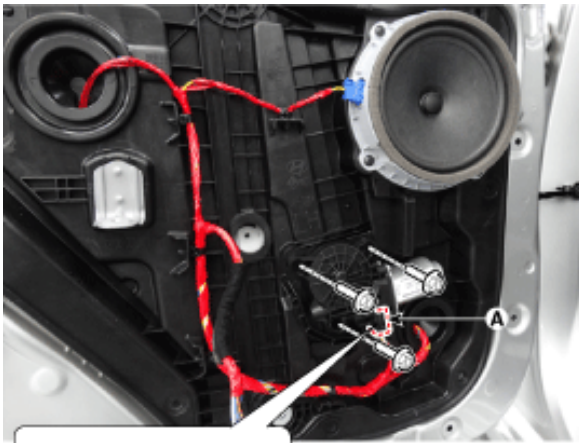
- Connect the terminal No.1 and No.2 to battery voltage (12V) and check that the motor operates smoothly when connecting the terminals below. [Safety Window Motor ]  
[Safety Window Motor ]

Position		Terminal	2	3	1
		LH	Up	Counter-clockwise	
Down	Clockwise				
RH	Up	Clockwise			
	Down	Counter-clockwise			

- Connect the motor terminals directly to battery voltage (12V) and check that the motor operates smoothly. Next, reverse the polarity and check that the motor operates smoothly in the reverse direction. If the operation is abnormal, replace the motor. [Standard Window Motor]  
[Standard Window Motor]

Position		Terminal	1	2
		LH	Up	Counter-clockwise
Down	Clockwise			
RH	Up	Clockwise		
	Down	Counter-clockwise		

Rear Power Window Motor  
- Remove the rear door trim.



- Connect the motor terminals No.1 and No.2 directly to battery voltage (12V) and check that the motor operates smoothly. If the operation is abnormal, replace the motor. [Safety Window Motor]  
[Safety Window Motor]

Position		Terminal		1	2
Left	Up	Clockwise	⊕	⊖	
	Down	Counter-clockwise	⊖	⊕	
Right	Up	Counter-clockwise	⊕	⊖	
	Down	Clockwise	⊖	⊕	