# POWER WINDOW SYSTEM

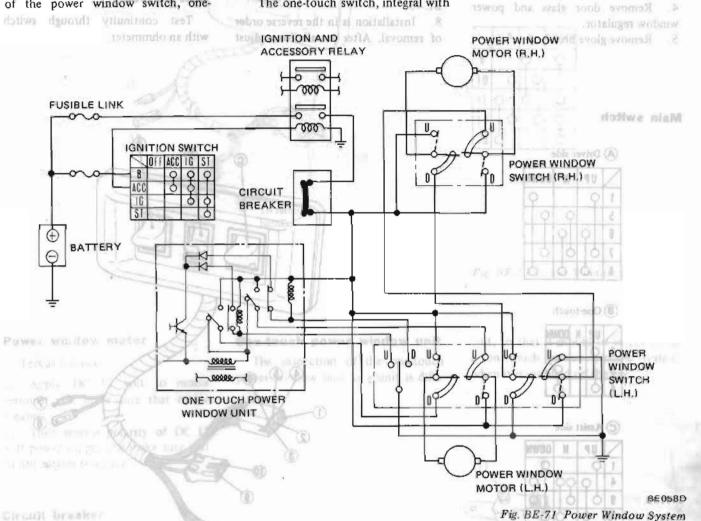
### DESCRIPTION

The power window system consists of the power window switch, onetouch power window unit, motor with regulator, circuit breaker and wiring harness which connect the units.

The power window switches comprise a one-touch switch, sub-switch and main switch. In the policy of vd

The one-touch switch, integral with

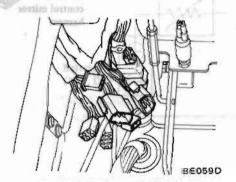
the main switch, is installed on the driver's door trim and can automatically be operated to open or close the window glass fully at the driver's side by lightly pushing the switch.



### REMOVAL AND INSTALLATION

### Power window main switch

- 1. Disconnect battery ground cable. 2. Remove instrument lower cover
- on left side.
- Remove driver side door finisher and sealing screen.
- 4. Remove door glass and power window regulator. (Refer to Section BF.)
- Disconnect connectors at dash 5 side and disconnect remote-control mirror harness connectors located intide door.



To remote

Fig. BE-72 Disconnecting Harness Connectors

Remove main switch with harness by loosening retaining screws.

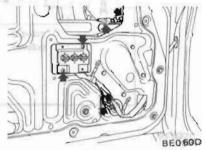


Fig. BE-73 Removing Main Switch

Installation is in the reverse order of removal. After installation, adjust door glass. Refer to Door (Section BF) for adjustment.

- Disconnect battery ground cable.
- Remove instrument lower cover on right side.
- passenger side door Remove 3. finisher and sealing screen.
- Remove door glass and power window regulator.
- Remove glove box.
- Sup-switch 6. Disconnect connectors at dash side and disconnect remote-control mirror harness connectors located inside door.
  - 7. Remove sub-switch with harness by loosening retaining screws. See Fig. dBE-75, stat hattwe doublesco and I
  - Installation is in the reverse order of removal. After installation, adjust

door glass. Refer to Door Glass (Section BF) for adjustment.

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# The power window

Test continuity through switch with an ohmmeter.

of the power wind

### Main switch

(A) Driver side

1	1	UP			N			DOWN		
1	9	)		Γ				(	7	
5				ς	>		(	7		
6	П	ς	)		ς	)			T,	
7	3	5		3	5		(	5		
8	Г	2	5		2	5		(	5	

(B) One-touch

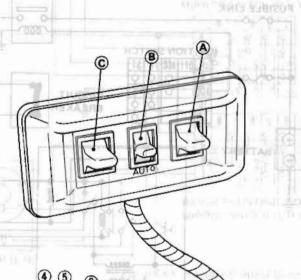
1	UP	N	DOWN			
2	Q	L	-ost			
3			Q			
4	6		0			

C Assist side

INSTALL

1	UP			N		DOWN		
18	ς	)				ς	>	
4		(	>	Q	Ç	3	Q	
9	5	)		0			6	
10		(	5	(	5	5	)	

ROTOM



To remote control mirror BEMOVAL AND harness

REAGID

Fig. BE-74 Power Window Main Switch

Fig. HE 73 Remounty Main

Contractors

Remove than switch with narness two too saning retaining screws.

Remaye instruggest lower cover A. Remove doos glass and power window regulator (Refer to Section

on listing thousand, control bouild in-

# Sup-switch DESCRIPTION (1) ORDER TO SUPERIOR (1) ORDER TO SUPERIO

1	UP			N			DOWN		
9			Q		Q				
10		(	2		9	2			
11	Q			0		b			
12	d	(	5	33	(	5	(	2	
13	C	>	d				(	5	

BE062D

Fig. BE-75 Power Window Sub-Switch

READLAMP CLEANER

### Power window motor

No Norde (Lift)

Test as follows:

 Apply DC 12 volt to motor terminal and make sure that motor rotates.

une lookid-88-27 Handlamp Cleaner

2. Then reverse polarity of DC 12 volt power supply and make sure that motor rotates reversely.

Refer to Section AT

See Fig. 85-9,

Vale ventil a torrection

# Circuit breaker vales softdidge

See Fig. BE-9.

Test as follows:

- Set up a circuit as shown in Fig. BE-76.
- Gradually decrease rheostat resistance until ammeter indicates 30 amperes.
- 3. At this point connector reading should decrease to 0 ampere within between 13 and 35 seconds.

## CAUTION:

Use rheostat of below 1 ohm and over 400 watt ratings.

### One-touch power window unit

To remote control mirror

harness

The inspection of the one-touch power window unit as a unit is diffi-

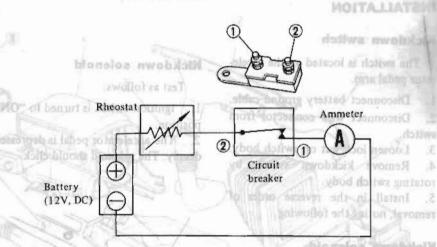
Therefore, there must be continuity

only when the plunger is pressed into

cult, so that it should be inspected as a one-touch power window system when it is installed on the car.

transmission models)

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INSPECTION

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Fig. BE-76 Circuit Breaker

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Fig. BE 78 Richdown Solempeling town V