

MIRRORS - POWER

1992 Subaru SVX

1991-92 SAFETY EQUIPMENT
Power Mirrors

Legacy, XT, XT6

DESCRIPTION & OPERATION

Dual power mirrors are remote controlled by one control switch. Control switch operates either mirror after driver pre-selects left or right side of vehicle. Control switch is mounted into instrument panel. Each mirror assembly contains 2 servo motors for mirror plate rotation.

TROUBLE SHOOTING

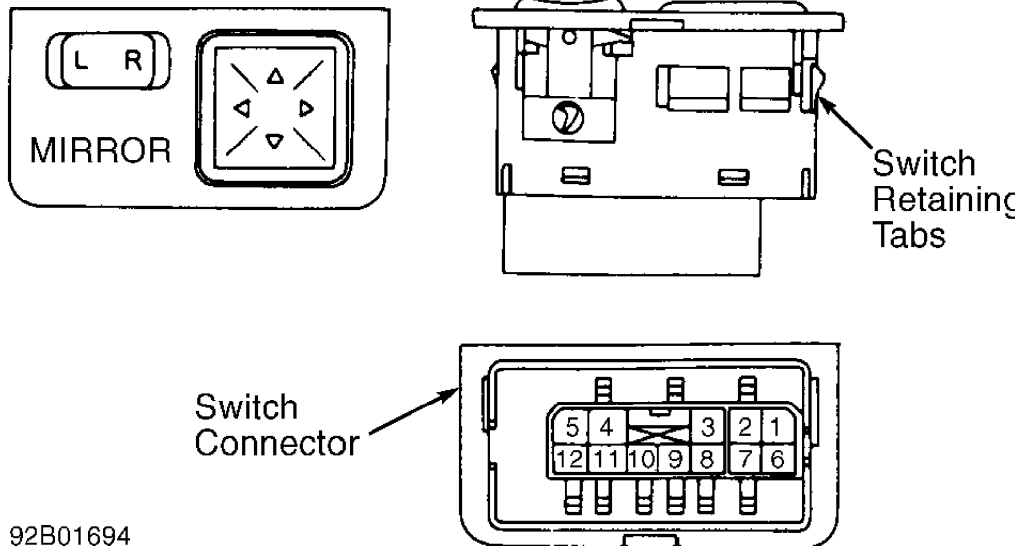
Legacy

If mirrors are inoperative, ensure ignition switch is turned to ACCESSORY or IGNITION position. Check for blown fuse No. 3. Remove switch from instrument panel by prying outward. Check switch connector terminal No. 4 (Green wire) for voltage. If voltage does not exist, repair wiring as required. If voltage exists, see TESTING.

XT & XT6

If mirrors are inoperative, ensure ignition switch is turned to ACCESSORY or IGNITION position. Check for blown fuses (Nos. 13 and 14). Remove switch from instrument panel by prying outward. Check switch connector terminal No. 1 (Blue/Black wire) for voltage. If voltage does not exist, repair wiring as required. If voltage exists, see TESTING.

TESTING



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Fig. 1: Identifying Mirror Switch Connector Terminals (Legacy)
Courtesy of Subaru of America, Inc.

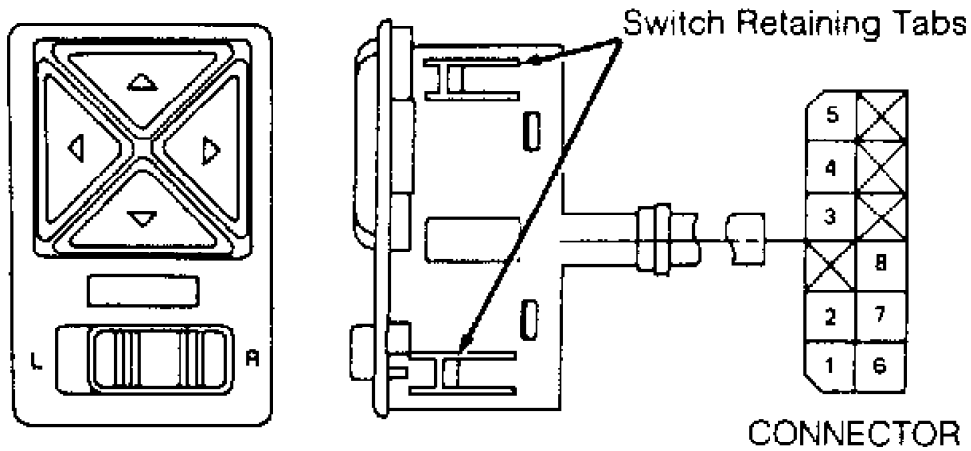


Fig. 2: Identifying Mirror Switch Connector Terminals (XT & XT6)
 Courtesy of Subaru of America, Inc.

POWER MIRROR SWITCH CONNECTOR TERMINAL IDENTIFICATION

Terminal	Wire Color	Function
Legacy		
1	Red/Blue	Right, Left/Right Movement
2	Black/Red	Left, Left/Right Movement
3		Not Used
4	Green	Power
5		Not Used
6	Brown/Red	Right, Up/Down Movement
7	Blue/Red	Left, Up/Down Movement
8		Not Used
9		Not Used
10	Red	(1) Both Motors
11	Black	Out To Ground
12		Not Used
XT & XT6		
1	Blue/Black	Power
2	Black	Ground
3	Blue	Either, Left & Right Movement
4	Blue/White	Either, Up/Down Movement
5	White	Right, Left/Right Movement
6	Yellow	Right, Up/Down Movement
7	Brown	Left, Left/Right Movement
8	Green	Left, Up/Down Movement
SVX		
1	Black/Red	Left, Up/Down Movement

4	.....	Black	.....	Ground
5	.....	Red	.....	Switch Illumination
6	.....	Lt. Green/Red	.....	Left, Left/Right Movement
8	.....	Brown/Red	.....	Right, Left/Right Movement
9	.....	Red/Blue	.....	Right, Up/Down Movement
10	.....	Red	.....	(2) Both Mirrors, Both Motors
11	.....	Blue/White	.....	Power
12	.....	Red/Black	.....	Switch Illumination

- (1) - This particular switch wire is connected to both left and right mirror's motors. It is used for sending power to motor, or used for a ground for motor depending on switch position.
- (2) - This wire is a power or ground circuit (depending on switch position) for motors in left and right mirror assemblies.

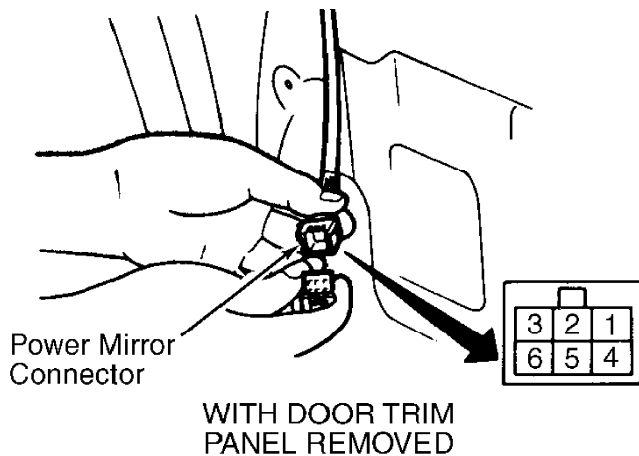
POWER MIRROR MOTOR TEST

Legacy

Remove door panel. Unplug mirror motor 6-pin harness connector. Using 12-volt power supply and 2 jumper wires, apply voltage to specified terminal and ground other specified terminal as per table. See POWER MIRROR MOTOR TEST table. See Fig. 3.

POWER MIRROR MOTOR TEST

Function	Battery Terminal	Ground Terminal
Up	1	3
Down	3	1
Right	3	2
Left	2	3
SVX		
Up	4	2
Down	2	4
Right	2	1
Left	1	2



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Fig. 3: Identifying Mirror Motor Connector Terminals (Legacy)
Courtesy of Subaru of America, Inc.

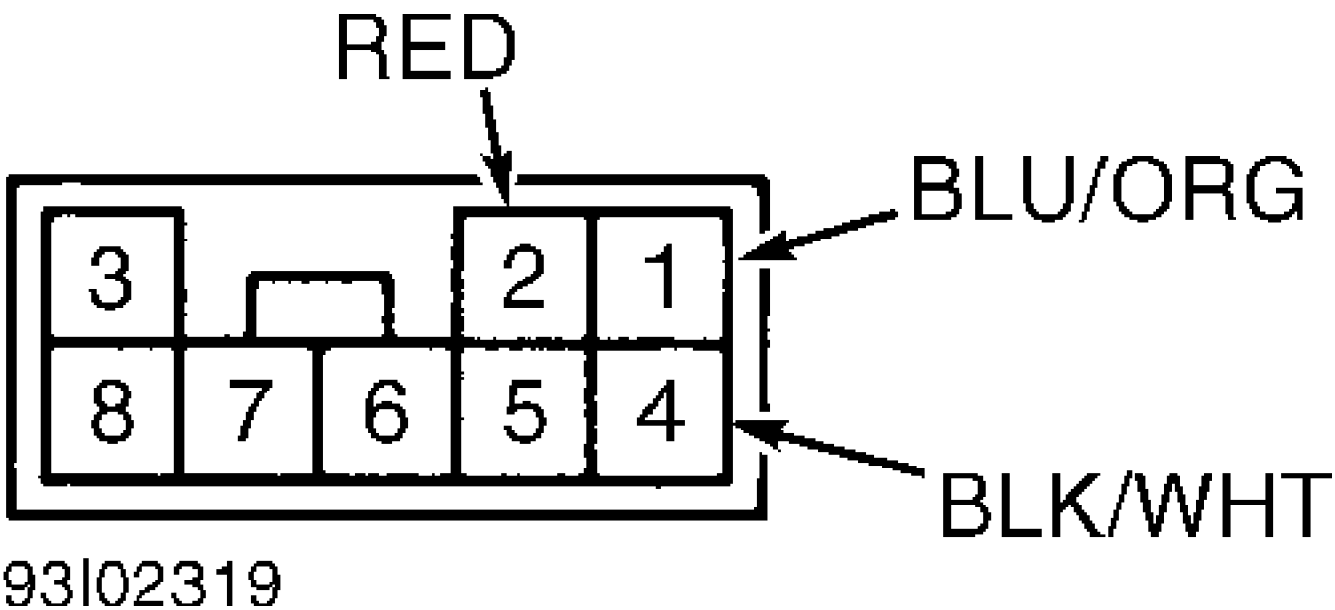


Fig. 4: Identifying Mirror Motor Connector Terminals (SVX)
 Courtesy of Subaru of America, Inc.

POWER MIRROR SWITCH TEST

Legacy

1) Remove mirror switch from instrument panel. Unplug switch harness connector. Press desired position button on switch, while checking switch connector terminal continuity. See POWER MIRROR SWITCH CONTINUITY TEST table. See Fig. 1.

2) If continuity testing results for all switch positions are correct, check for faulty ground wire connection.

XT & XT6

1) Remove mirror switch from instrument panel. Unplug switch harness connector. Press desired position button on switch, while checking switch connector terminal continuity. See POWER MIRROR SWITCH CONTINUITY TEST table. See Fig. 2.

2) XT models have capability of oblique movements. By pressing 2 adjacent position buttons at same time, mirror plate will move diagonally. If continuity testing results for all switch positions are correct, check for faulty ground wire connection.

SVX

Pry mirror switch from instrument panel using a small screwdriver. Disconnect switch connector. Check continuity between specified terminals of switch connector with switch button in specified position. See appropriate chassis wiring diagram in WIRING DIAGRAMS. See Fig. 5. Replace switch if continuity is not as specified.

POWER MIRROR SWITCH CONTINUITY TEST

Application	Terminals
Legacy & SVX(1)	
Left Mirror	
Up	4 & 7, 10 & 11
Down	4 & 10, 7 & 11
Left	2 & 4, 10 & 11
Right	4 & 10, 2 & 11

Right Mirror	
Up	4 & 6, 10 & 11
Down	4 & 10, 6 & 11
Left	1 & 4, 10 & 11
Right	4 & 10, 1 & 11
XT & XT6 (2)	
Left Mirror	
Up	1 & 8, 4 & 2
Down	1 & 4, 8 & 2
Left	1 & 3, 7 & 2
Right	1 & 7, 3 & 2
Up/Left Diagonally	1, 3 & 8; 4, 7 & 2
Down/Left Diagonally	1, 3 & 4; 7, 8 & 2
Up/Right Diagonally	1, 7 & 8; 3, 8 & 2
Down/Right Diagonally	1, 4 & 7; 3, 8 & 2
Right Mirror	
Up	1 & 6, 4 & 2
Down	1 & 4, 6 & 2
Left	1 & 3, 5 & 7 & 2
Right	1 & 5, 3 & 2
Up/Left Diagonally	1, 3 & 6; 4, 5 & 2
Down/Left Diagonally	1, 3 & 4; 5, 6 & 2
Up/Right Diagonally	1, 5 & 6; 3, 4 & 2
Down/Right Diagonally	1, 4 & 5; 3, 6 & 2

- (1) - Legacy connector terminal No. 11 is ground.
(2) - XT connector terminal No. 2 is ground.

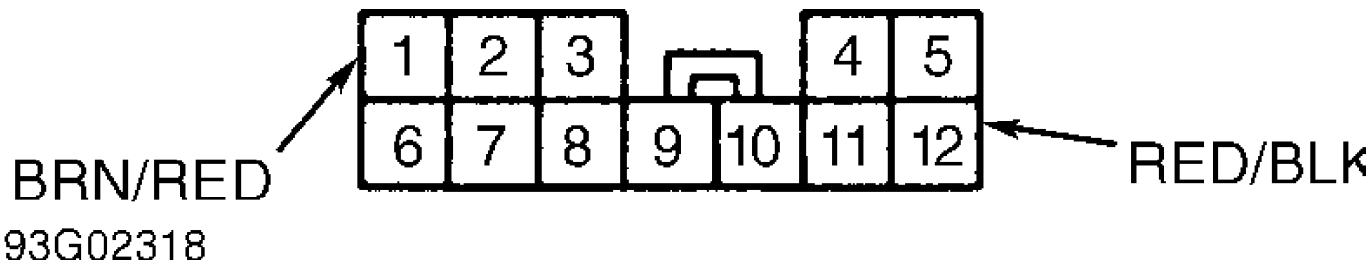


Fig. 5: Mirror Switch Connector Terminal ID (SVX)
Courtesy Of Subaru Of America, Inc.

POWER MIRROR SWITCH R & I

1) Using small flat blade screwdriver, remove switch from instrument panel by prying side edges outward to release switch retaining tabs on sides of switch. There are 2 retaining tabs per side of switch. See Figs. 1 and 2. Be careful not to damage instrument panel.

2) Remove switch and unplug harness connector. To install, plug harness connector into switch. Push switch into panel until it snaps into position or until switch bezel is flush with panel.

POWER MIRROR ASSEMBLY R & I

1) Remove door trim panel by first removing top of trim panel gusset cover. Remove door pull handle screws and window regulator handle. Remove trim panel using Clip Puller (925580000) to remove retaining clips surrounding door trim panel.

2) Remove sealing cover with care, in order that it may be reused. Unplug mirror motor harness connector. Hold outside mirror while removing mirror mounting screws to keep mirror from damaging

body. Remove mirror and harness from body.

WIRING DIAGRAMS

See appropriate chassis wiring diagram in WIRING DIAGRAMS.