

MIRRORS - POWER

Article Text

1993 Honda Prelude

For Cadi Centre Nsk CA 95051

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ARTICLE BEGINNING

1993 ACCESSORIES & EQUIPMENT

Honda Power Mirrors

Prelude

DESCRIPTION & OPERATION

Power mirrors are controlled by a dual control switch assembly located on driver's door panel or instrument panel. The left/right switch directs current to desired mirror. The horizontal/vertical switch directs current to one of 2 motors located in mirror/motor assembly. Mirror and motors are removed and serviced as an assembly.

TESTING

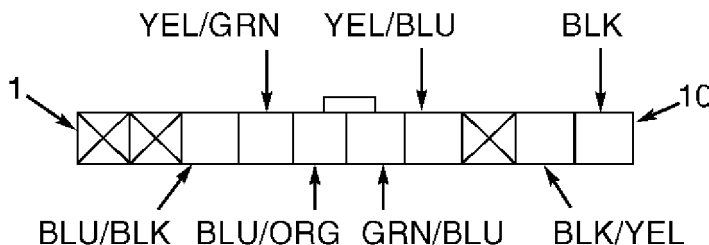
POWER MIRROR FUNCTION TEST

Both Mirrors Inoperative

1) Check No. 9 fuse (15-amp). Replace as required. Remove power mirror switch, but do not disconnect switch from harness. See POWER MIRROR SWITCH under REMOVAL & INSTALLATION.

2) Turn ignition on. Using a voltmeter, check for voltage between Black/Yellow wire and ground. See Fig. 1. If battery voltage exists, go to next step. If battery voltage does not exist, repair open circuit between mirror switch and fuse box.

3) Using an ohmmeter, check for continuity between Black wire and ground. If continuity does not exist, repair open circuit in Black wire or poor ground connection. If wiring is okay, substitute known good switch and retest.



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Fig. 1: Identifying Power Mirror Switch Connector
Courtesy of American Honda Motor Co., Inc.

Left Mirror Inoperative

1) Remove power mirror switch, but do not disconnect switch from harness. See POWER MIRROR SWITCH under REMOVAL & INSTALLATION.

Turn ignition on. Using jumper wires, connect Black/Yellow wire to Yellow/Blue wire, and either Blue/Orange or Yellow/Green wire to ground.

2) If mirror does not tilt down (or swing left), check for open in Blue/Orange or Yellow/Green wire between mirror switch and mirror. If wiring is okay, check mirror motor. See POWER MIRROR MOTOR TEST. If mirror operates correctly, check mirror switch. See POWER MIRROR SWITCH TEST.

Right Mirror Inoperative

1) Remove power mirror switch, but do not disconnect switch from harness. See POWER MIRROR SWITCH under REMOVAL & INSTALLATION. Turn ignition on. Using jumper wires, connect Black/Yellow wire to Green/Blue wire, and either Blue/Orange or Blue/Black wire to ground.

2) If mirror does not tilt down (or swing left), check for open in Blue/Orange or Blue/Black wire between mirror switch and mirror. If wiring is okay, check mirror motor. See POWER MIRROR MOTOR TEST. If mirror operates correctly, check mirror switch. See POWER MIRROR SWITCH TEST.

POWER MIRROR SWITCH TEST

Remove power mirror switch. See POWER MIRROR SWITCH under REMOVAL & INSTALLATION. Using an ohmmeter, check for continuity between appropriate mirror switch terminals. See POWER MIRROR SWITCH CONTINUITY TEST table. See Fig. 1. If switch fails any test, replace switch.

POWER MIRROR SWITCH CONTINUITY TEST TABLE

AA	
Application	Terminals No.

Left Mirror

Off	4, 5, 7 & 10
Up	4, 7 & 10; 5 & 9
Down	4, 7 & 9; 5 & 10
Left	5, 7 & 9; 4 & 10
Right	5, 7 & 10; 4 & 9

Right Mirror

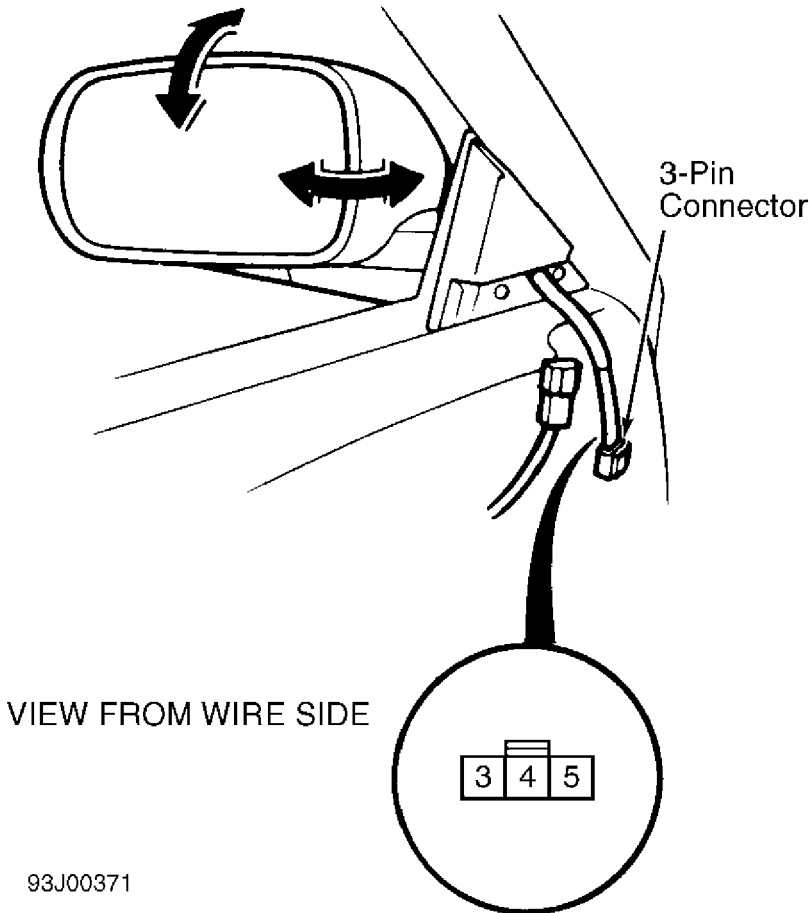
Off	3, 5, 6 & 10
Up	3, 6 & 10; 5 & 9
Down	3, 6 & 9; 5 & 10
Left	5, 6 & 9; 3 & 10
Right	5, 6 & 10; 3 & 9

AA

POWER MIRROR MOTOR TEST

Remove door trim panel. Disconnect power mirror 3-pin connector. See Fig. 2. Using jumper wires, connect specified terminals. Observe mirror for correct movement. See POWER MIRROR MOTOR TEST table. If mirror does not respond as specified, replace mirror assembly.

POWER MIRROR MOTOR TEST TABLE		
AA		
Apply 12 Volts	Ground	Mirror
To Pin No.	Pin No.	Operation
3	4	Up
4	3	Down
4	5	Left
5	4	Right
AA		



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Fig. 2: Identifying Power Mirror 3-Pin Connector
Courtesy of American Honda Motor Co., Inc.

POWER MIRROR SWITCH

Removal & Installation

Taking care to avoid damaging door panel or switch, pry switch from door panel. Disconnect 10-pin connector from switch. To install, reverse removal procedure. Ensure switch snaps firmly into door panel.

POWER MIRROR ASSEMBLY

Removal & Installation

Lower window. Pry out cover at base of mirror inside door. Remove door trim panel. Disconnect power mirror 3-pin connector. See Fig. 2. Remove 3 mirror mounting screws, and remove mirror. To install, reverse removal procedure.

WIRING DIAGRAMS

See appropriate chassis wiring diagram in the WIRING DIAGRAMS section.

END OF ARTICLE