

MIRRORS - POWER

1995 Toyota 4Runner

1995-96 ACCESSORIES & EQUIPMENT
Toyota Power Mirrors

4Runner

DESCRIPTION & OPERATION

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

TROUBLE SHOOTING

POWER MIRROR

Both Power Mirrors Inoperative

Check RADIO fuse, power mirror switch, power mirror motor(s), wiring and ground. See COMPONENT TESTS.

Left Or Right Power Mirror Inoperative

Check power mirror switch, power mirror motor(s), wiring and ground. See COMPONENT TESTS.

Up/Down Or Left/Right Function Inoperative

Check power mirror motor(s), wiring and ground. Refer to the POWER MIRROR MOTOR TEST under COMPONENT TESTS.

COMPONENT TESTS

POWER MIRROR SWITCH TEST

NOTE: Mirror motor connectors may vary in configuration from vehicle to vehicle of the same model.

Remove power mirror switch. See POWER MIRROR SWITCH R & I under REMOVAL & INSTALLATION. Using ohmmeter, check continuity between appropriate mirror switch terminals. Continuity should exist between specified terminals. See Figs. 1-2. Also, refer to the appropriate POWER MIRROR SWITCH CONTINUITY TEST SPECIFICATIONS. If switch fails any test, replace switch.

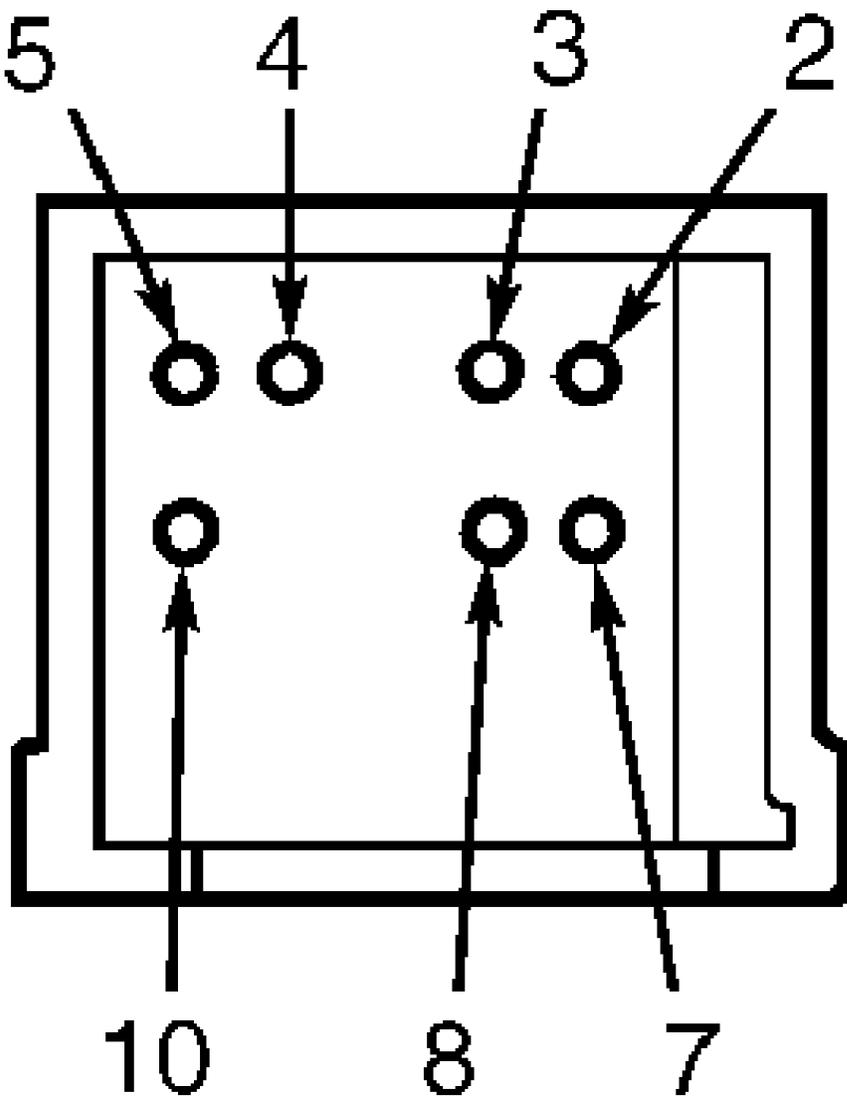
POWER MIRROR SWITCH CONTINUITY TEST SPECIFICATIONS

POWER MIRROR SWITCH CONTINUITY TEST TABLE (1995)

Application	(1) Terminals No.
Switch In Off Position	
Up	7 & 8
Down	8 & 10
Left	7 & 8
Right	8 & 10
Switch In Left Position	
Up	2 & 10; 7 & 8

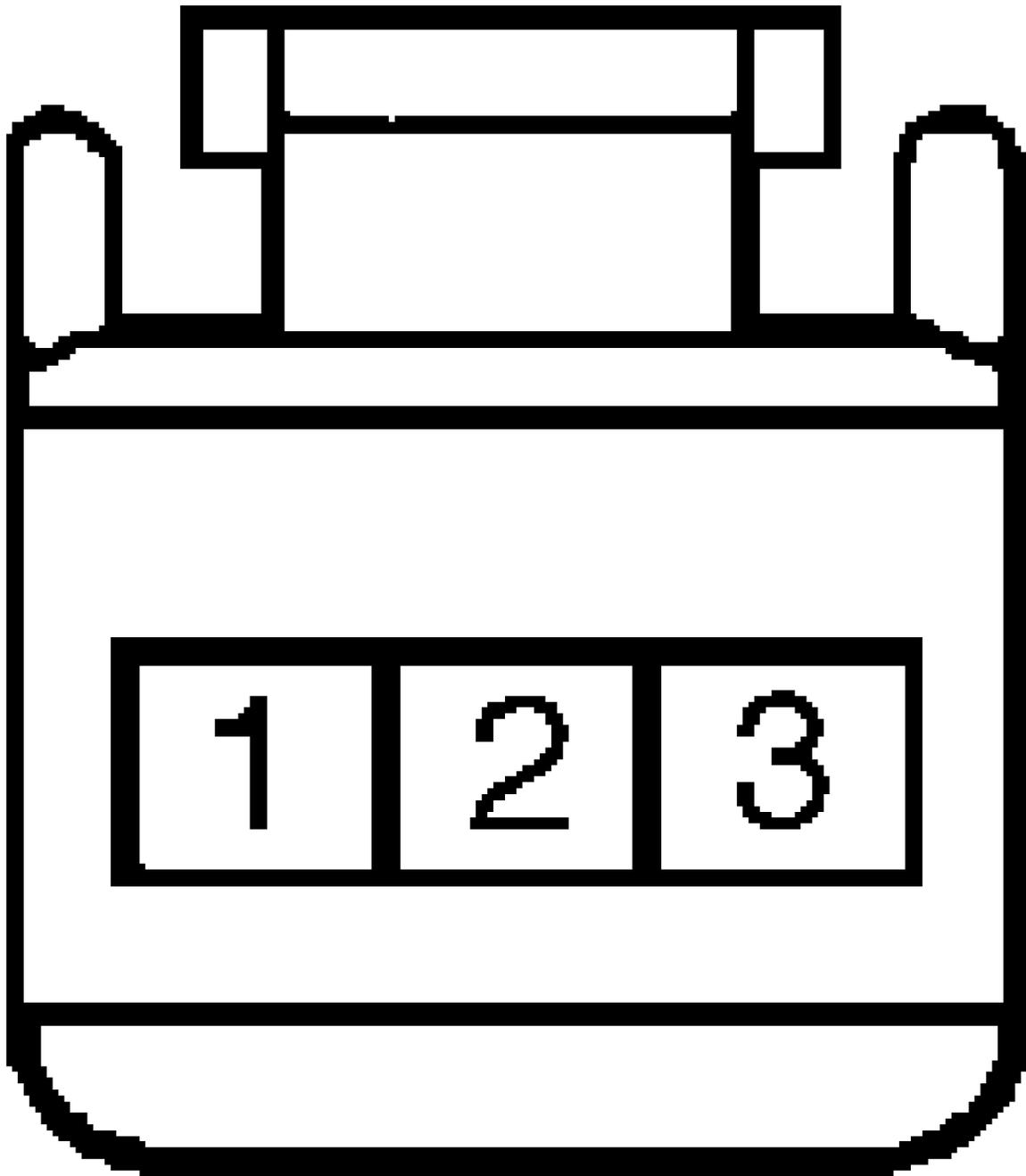
Down	2 & 7; 8 & 10
Left	3 & 10; 7 & 8
Right	3 & 7; 8 & 10
Switch In Right Position	
Up	5 & 10; 7 & 8
Down	5 & 7; 8 & 10
Left	4 & 10; 7 & 8
Right	4 & 7; 8 & 10

(1) - Continuity should exist between specified terminals. See Figs. 1
-2.



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Fig. 1: Power Mirror Switch Connector Terminals (1995)



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Fig. 2: Power Mirror Motor Connector Terminals (1995)

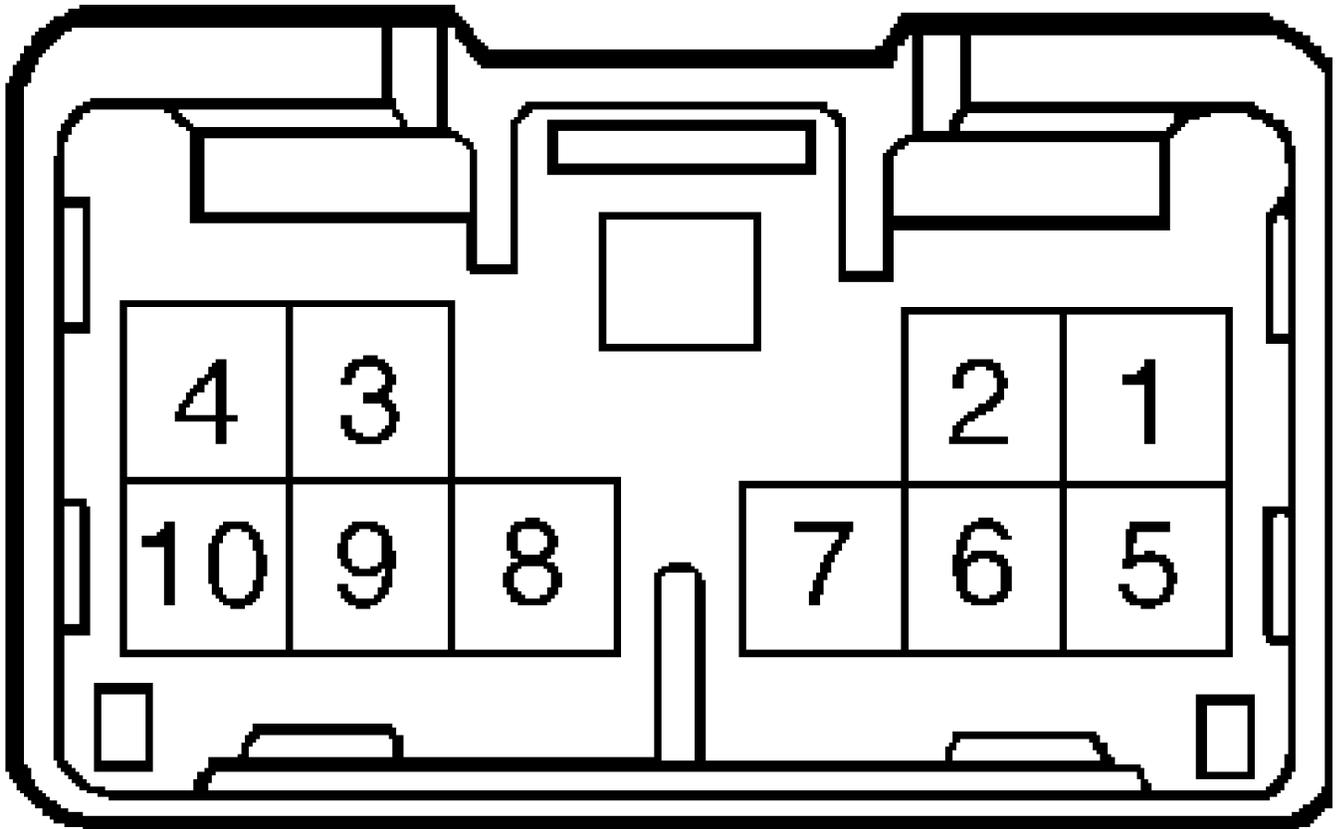
POWER MIRROR SWITCH CONTINUITY TEST TABLE (1996)

Application

(1) Terminals No.

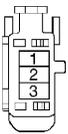
Switch In Left Position	
Up	1 & 9; 6 & 10
Down	1 & 10; 6 & 9
Left	5 & 9; 6 & 10
Right	5 & 10; 6 & 9
Switch In Right Position	
Up	6 & 10; 7 & 9
Down	6 & 9; 7 & 10
Left	6 & 10; 8 & 9
Right	6 & 9; 8 & 10

(1) - Continuity should exist between specified terminals. See Figs. 3
-4.



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Fig. 3: Power Mirror Switch Connector Terminals (1996)



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Fig. 4: Power Mirror Motor Connector Terminals (1996)

POWER MIRROR MOTOR TEST

NOTE: Mirror motor connectors may vary in configuration from vehicle to vehicle of the same model.

Disconnect power mirror motor harness connector. Using 12-volt power source, connect positive and negative leads to specified pins or terminals. See appropriate POWER MIRROR MOTOR TEST table. See Figs. 1-4. If power mirror motor fails any test, replace power mirror assembly.

POWER MIRROR MOTOR TEST TABLE

Apply 12 Volts To Pin No.	(1) Ground Pin No.	Mirror Operation
2	1	Up
1	2	Down
3	1	Left
1	3	Right

(1) - See Figs. 1-4.

REMOVAL & INSTALLATION

POWER MIRROR SWITCH R & I

Removal & Installation (1996)

Remove instrument panel lower trim cover and inner knee pad (if equipped). Remove retaining screws from bottom of power mirror switch (if equipped). Using flat-blade screwdriver, carefully pry switch out of instrument panel. Disconnect harness connector. To install, reverse removal procedure.

Removal & Installation (1995)

Remove arm rest retaining screw caps, retaining screws and arm rest. Disconnect all electrical connectors. Remove power window master switch retaining screws. Remove power window master switch from arm rest. Push on power mirror switch connector end to remove switch from power window master switch. To install, reverse removal procedure.

POWER MIRROR ASSEMBLY R & I

Removal & Installation

Remove mirror inner trim panel on inside of the door. Mirror inner trim panel may include speaker. If necessary, disconnect speaker harness connector. Disconnect power mirror motor harness connector. Support outside mirror assembly while removing mirror retaining bolts/nuts on inside of the door. To install, reverse removal procedure.

WIRING DIAGRAMS

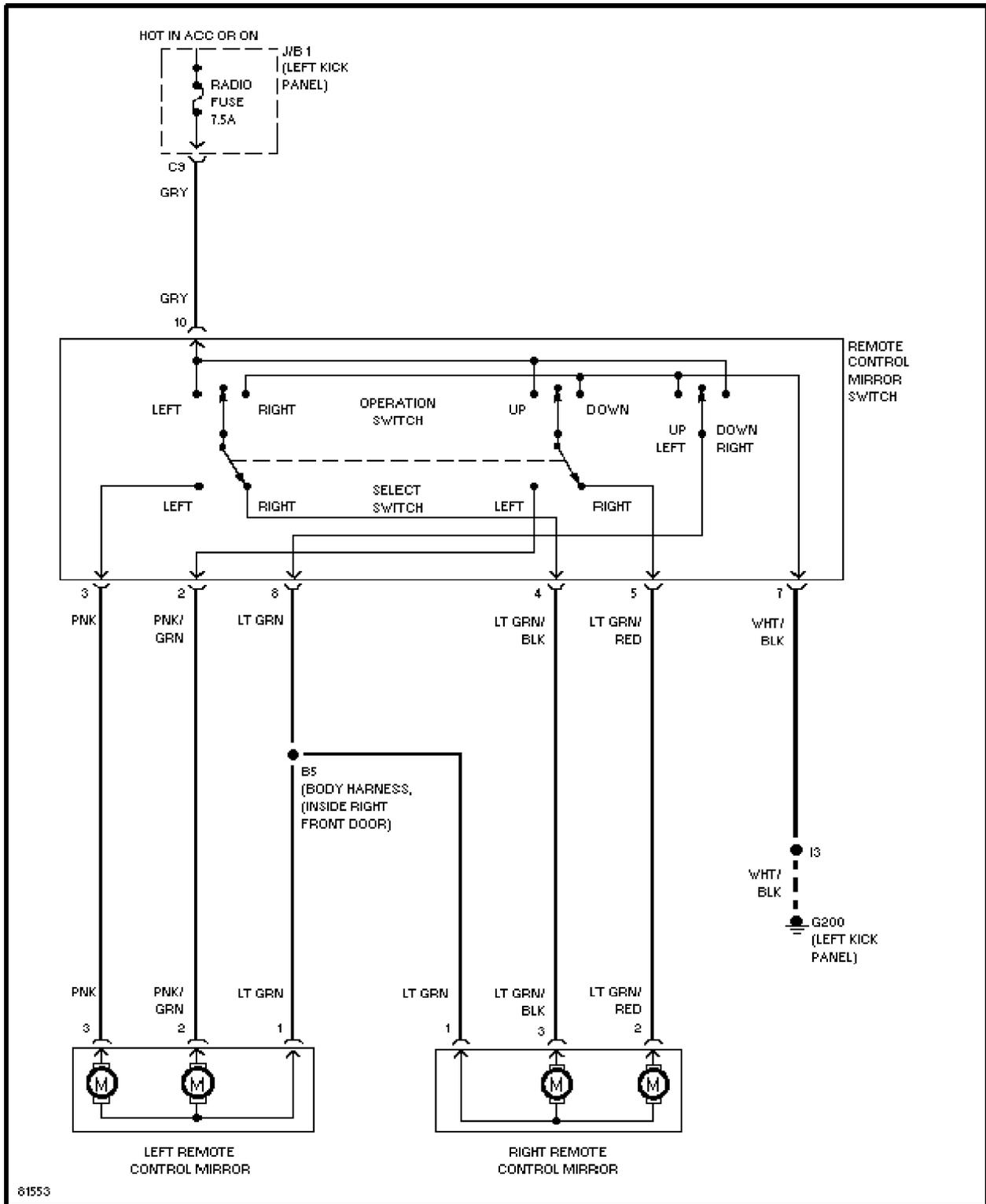


Fig. 5: Power Mirror System Wiring Diagram (1995)

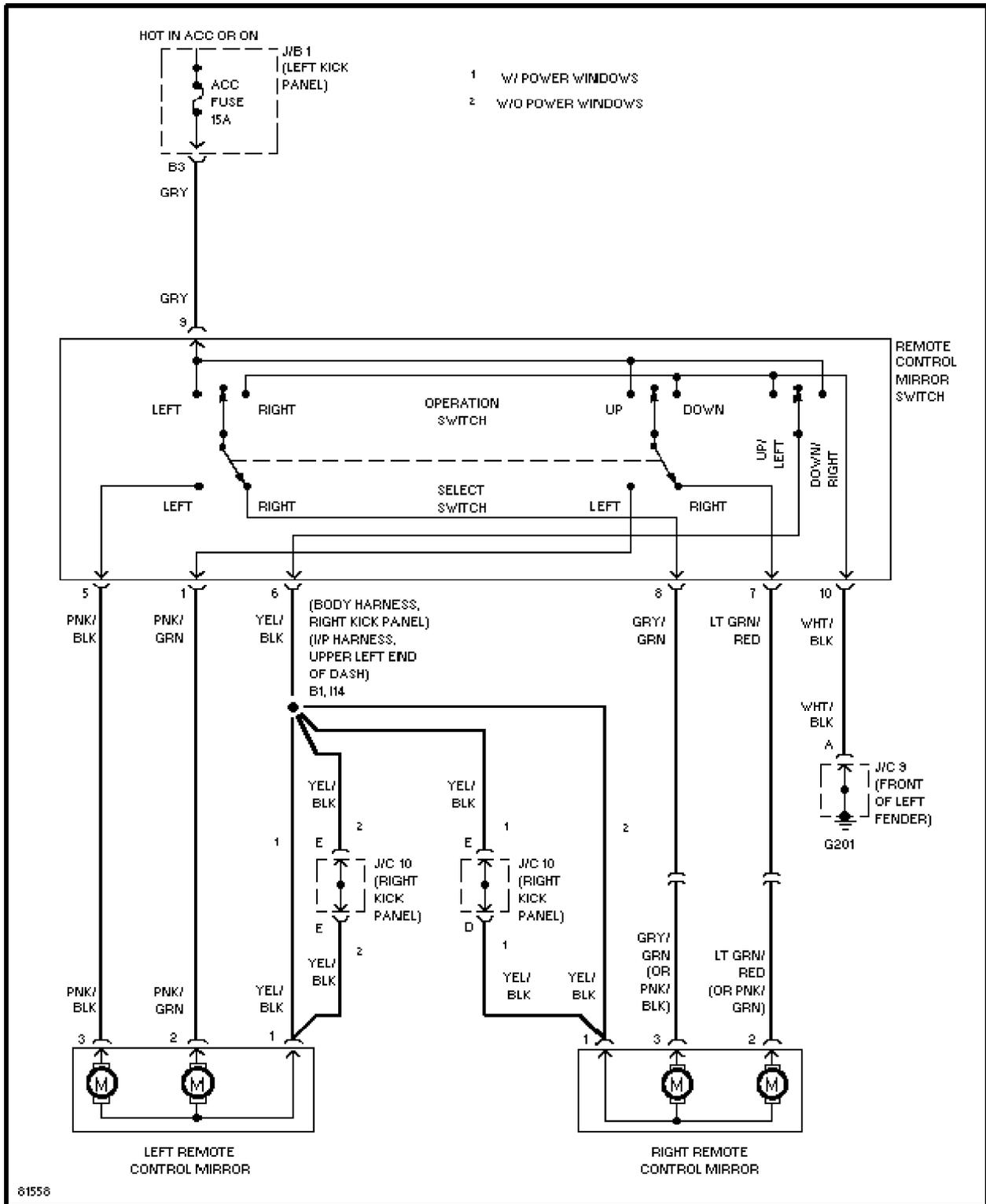


Fig. 6: Power Mirror System Wiring Diagram (1996)