

Power Mirrors

- How the Circuit Works

The two outside mirrors are controlled by the power mirror switch. Each mirror has two reversible motors: one motor moves the mirror up and down, and the other motor moves the mirror left and right.

The power mirror switch contains three switches to control mirror direction, two switches to select the left or right mirror. With the ignition in ON (II), battery voltage is supplied to the power mirror switch. The mirror selector switch directs voltage from two of the direction switches to either the left or right mirror. Each direction switch is used for more than one function.

Mirror Up

With the power mirror switch in the up position, switch 1 is moved to the A position. Switch 1 applies battery voltage to both the left and right power mirror up/down motors. If the mirror selector switch is in the left position, the left up/down motor is grounded through the mirror selector switch and switch 2 in the B position to G501. If the right mirror up/down motor is selected, it is also grounded through switch 2 in the B position.

Mirror Down

With the power mirror switch in the down position, switches 2 and 3 are moved to the A position. Switch 2 applies battery voltage to the left or right power mirror up/down motor as determined by the mirror selector switch. The selected mirror motor is grounded through switch 1 in the B position to G501. When switch 2 is moved to position A, it also applies battery voltage to the selected mirror left/right motor. With switch 3 in the A position, battery voltage is supplied to both sides of the left/right motor so it does not move.

Mirror Left

With the power mirror switch in the left position, switches 1 and 2 are moved to the A position. Switch 2 applies battery voltage to the left or right power mirror left/right motor as determined by the mirror selector switch. The selected mirror motor is grounded through switch 3 in the B position to G501. When switch 2 is moved to position A, it also applies battery voltage to the selected mirror up/down motor. With switch 1 in the A position, battery voltage is supplied to both sides of the up/down motor so it does not move.

Mirror Right

With the power mirror switch in the right position, switch 3 is moved to the A position. Switch 3 applies battery voltage through the mirror selector switch to the left or right left/right motor. The motor is grounded through the mirror selector switch and switch 2 in the B position to G501.

Refer to the Service Manual (Section 22, Electrical) for specific tests or troubleshooting procedures.