



– How the Circuit Works

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

The power mirror control switch has three switches to control mirror direction, and two switches to select the left or right mirror. The two mirror selector switches are ganged; they direct voltage from two of the direction switches to either the left or the right mirror. Each direction switch is used for more than one function. With the ignition switch ON (II), battery voltage is supplied to the power mirror control switch.

Mirror Up Operation

When you push the power mirror control switch to tilt the mirror up, switch 1 moves to the A position and applies battery voltage to both the left and right 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 G303. The right mirror up/down motor is grounded the same way when the mirror selector switch is in the RIGHT position.

Mirror Down Operation

When you push the power mirror control switch to tilt the mirror down, switches 2 and 3 move to the A position. Switch 2 applies battery voltage to the left or right mirror up/down motor as selected by the mirror selector switch. The motor is grounded through switch 1 in the B position to G303. When switch 2 moves to position A, it also applies battery voltage to one side of the left/right motor in the same mirror. But with switch 3 in the A position, battery voltage is supplied to the other side of the left/right motor, so that motor does not move.

Mirror Left Operation

When you push the power mirror control switch to tilt the mirror to the LEFT, switches 1 and 2 move to the A position. Switch 2 applies battery voltage to the left or right mirror left/right motor as selected by the mirror selector switch. The motor is grounded through switch 3 in the B position to G303. When switch 2 is moved to position A, it also applies battery voltage to one side of the up/down motor in the same mirror. But with switch 1 in the A position, battery voltage is supplied to the other side of the up/down motor, so that motor does not move.

Mirror Right Operation

When you push the power mirror control switch to tilt the mirror to the RIGHT, switch 3 moves 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 G303.