

STRETCH

YOUR DOLLAR



Power Windows

Power windows are no longer considered to be a luxury in vehicles. With a touch of a switch, car windows can be lowered or raised. Power windows are more convenient and require less effort than manual crank windows. The setup of a power window system is simple; however, many people are unaware of how they operate.

The lifting mechanism is the primary component of a power window system. A small electric motor is attached to a worm gear and several other spur gears to create a large gear reduction, which gives it enough torque to lift the window. A long arm, which attaches to a bar that holds the bottom of the window slides in a groove in the bar as the window rises. On the other end of the bar is a large plate that has gear teeth cut into it. The motor turns a gear that engages the teeth on the arm.

Power windows are controlled by switches that are found on the doors or on the center console. The window switches get their power from the ignition and will not work if the ignition key is not engaged. When the switch is engaged, it grounds the circuit, allowing power to go through to the window regulator, moving

the regulator up or down, and moving the window with it.

If your power windows are malfunctioning, visit us at **VW Springfield** to have them inspected. Neglecting non-working windows can lead to increased discomfort for the driver and passengers.



15% OFF Any one (1) item of service



FREE 29-Point Inspection



Money:	● ● ○ ○ ○
Environment:	● ● ○ ○ ○
Time:	● ● ● ○ ○
Comfort:	● ● ● ● ●

NOTE: Individual coupons may not be combined with other offers, specials or promotions.



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