The Powerful Window Regulator

Since the birth of automobiles, countless innovations have been developed by manufacturers worldwide. These new products, which may come already manufactured in the vehicle or may be purchased as an aftermarket part, are continuously enhanced to improve the driving experience of users. They make things easier, both for the driver and the vehicle itself. Upgrades may vary from a high-performing engine to a better catalytic converter, among others. Yet one of the most noticeable developments in modern vehicles is the installation of the power window system, which is geared with the window regulator.

While in the past, levers were used in vehicles to raise or lower the windows manually, a simple push of a window switch can do this task at present. The power window console, often installed in the door next to the driver, has control of all the windows of the vehicle. Although there are several machineries that enable the power window to function, what is considered to be the heart of the system is the window regulator. This sub-auto part is the one behind the ability of the window to go up and down whenever the window switch is pressed.

The window regulator is able to raise or lower the window by converting the rotary motion of the motor into the linear and vertical movement of the power window system. It is manufactured with tough cables and drive gears to enable it to last longer and, of course, perform better. A small electric motor and worm gear also help in producing enough power to lift the window.

Considering that the power window systems of most vehicles are already excellent, manufacturers still come up with certain upgrades. Window regulators are now geared with the anti-trap or anti-pinch mechanism. This added feature prevents window accidents which usually happen among small children.

About the Author

Glady Reign is a 32 year old is a consultant for an automotive firm based in Detroit, Mi. she is a native of the motor city and grew up around cars hence her expertise in the automotive field.

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