

It is not practical to show all of the electrical circuits used on windshield wiper systems. **Figure 34-15** shows a complete circuit with a *pulse wiper system*. The operation of the pulse system is as follows:

- wiper/washer switch. The time delay is adjustable from zero to 25 seconds on this circuit.

1. In the LO position, the wiper switch supplies voltage to the DK GRN wire as well as the PNK and GRY wires.
2. The park relay is again energized.
3. Battery voltage is applied continuously to the relay contacts and to the wiper motor. The wiper motor runs continuously at a low speed.

1. Battery voltage is applied directly to the wiper motor through the PPL wire.
2. Voltage is also applied to the DK GRN and the GRY wires to energize the park relay.
3. When turned OFF, the wipers complete the last sweep and park.

1. When the washer switch is held on for less than 1 second, voltage is applied to the control board through the PNK and GRY wires.
2. The control board turns on the washer motor for approximately 2 1/2 seconds.
3. The voltage on the GRY wire also operates the park relay.
4. The control board also turns on the wiper motor for about 6 seconds.

