

## Implementing Wipe-with-Wash

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It is quite simple to connect the windshield washer motor to the Lumina APV wiper motor in such a way that when the washer switch is activated the wipers will come on automatically. After the switch is released, the wipers will sweep three more times, then park.

These instructions apply to the wiring harnesses I've provided; if you installed your own wiring, you'll have to decide where to make corresponding connections.

In the gray wire leading from the wiper switch to the wiper motor there is a 680 Ohm resistor, covered with black tape. At some point between the resistor and the motor, connect a 16-18 gauge wire long enough to reach back to the windshield washer switch. You may find it easier to make the connection under the front hood than behind the dash.

At the washer switch, remove the wire leading to the washer motor and replace it on the switch with the added wire. On the Push-to-Wash/Turn-to-Wipe switch that's the center wire.

At the wiper motor there is one un-connected wire (Red thru '94, Pink later) coming from the 5-pin motor connector. With this modification completed, that wire will be supplied with +12 VDC while the washer switch is activated and for 3 wiper sweeps after it is deactivated.

At the washer motor, disconnect the wire which formerly received +12 VDC when the washer switch was activated. Now connect the washer motor to the wire at the wiper motor discussed in the previous paragraph.

If the wipers and washers do not operate as described in the first paragraph, recheck your wiring (be sure you connected the new switch wire between the resistor and the wiper motor). If operation is still not correct, you can assume the wiper motor control circuit is not operating correctly. You may want to just revert to the original wiring; or, replacement circuit boards are available from [www.rockauto.com](http://www.rockauto.com).

Good luck,

Ken Henderson