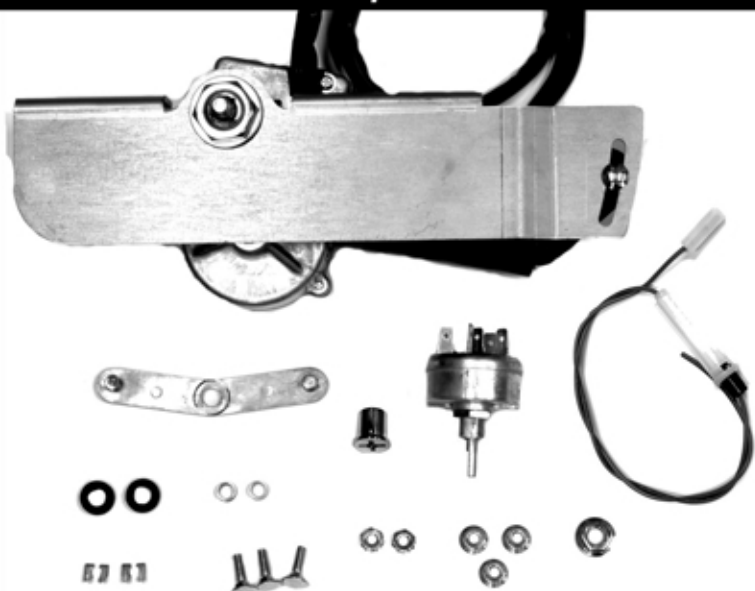


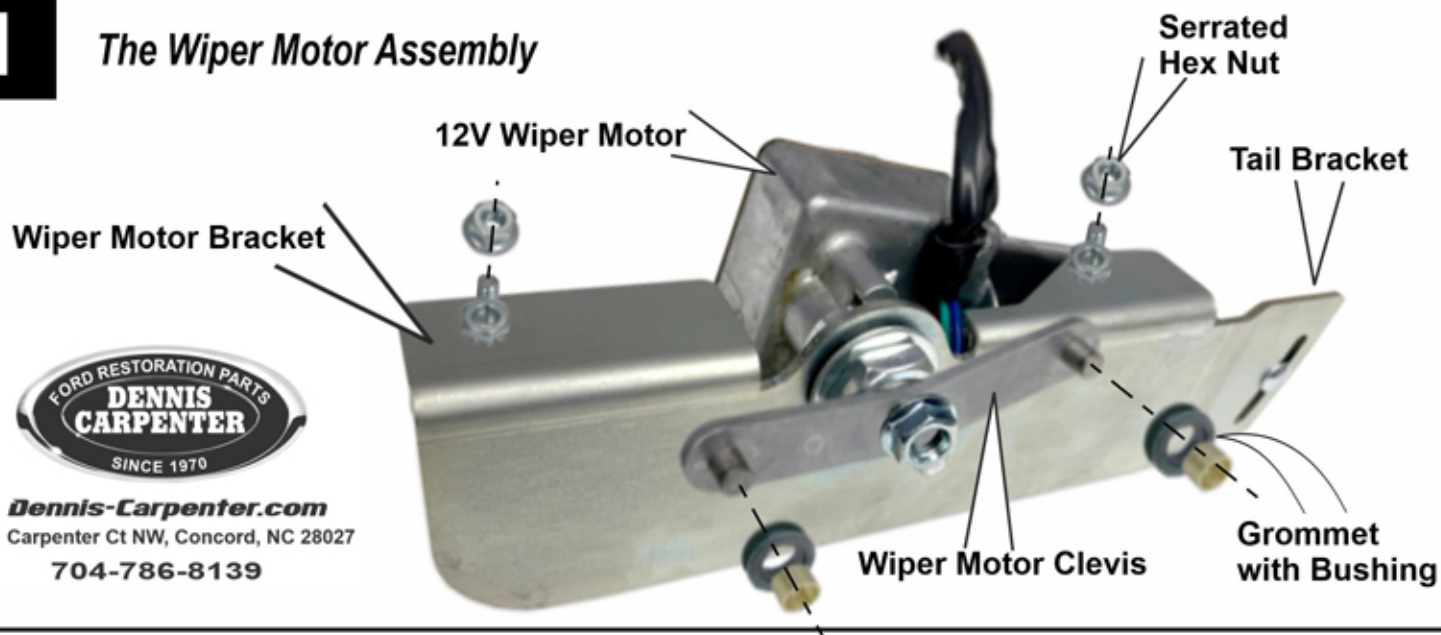
**THIS KIT WORKS WITH  
12 VOLT - NEGATIVE GROUND  
SYSTEMS ONLY.**

### Electric Windshield Wiper Kit Includes:

- 12V Electric Motor with Motor Tail Bracket
- 2-Speed, 12V Switch
- Bolt and Nut Hardware
- Chrome Switch Bezel Nut
- Rubber Grommets with Inserts
- Wiper Transmission Arm Clevis
- Retaining Clips
- Power Wire with Inline Fuse Holder



## 1 The Wiper Motor Assembly



[Dennis-Carpenter.com](http://Dennis-Carpenter.com)

21 Carpenter Ct NW, Concord, NC 28027

704-786-8139

## 2

Remove windshield wiper arms, nuts and bezels from the car.

From under the dash, disconnect the vacuum line from the vacuum motor.

**NOTE: THE VACUUM LINE MUST BE PLUGGED AFTER IT HAS BEEN DISCONNECTED FROM THE VACUUM MOTOR.**



Disconnect the wiper arm linkages from the vacuum motor.

Remove two screws that secure the vacuum motor then remove the vacuum motor.



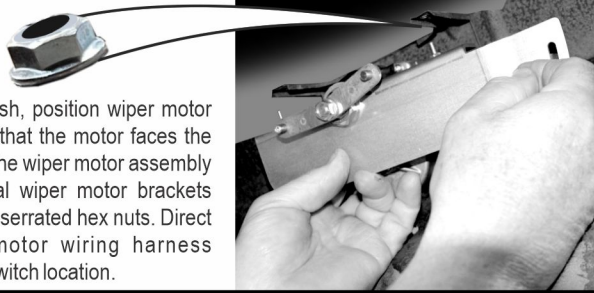
## 3

Loosen and remove the original wiper control knob.

Remove the vacuum wiper motor control switch and cable from the dash.



# 4



Under the dash, position wiper motor assembly so that the motor faces the firewall. Bolt the wiper motor assembly to the original wiper motor brackets using the two serrated hex nuts. Direct the wiper motor wiring harness towards the switch location.

# 5

Remove the old grommets from the transmission arms.

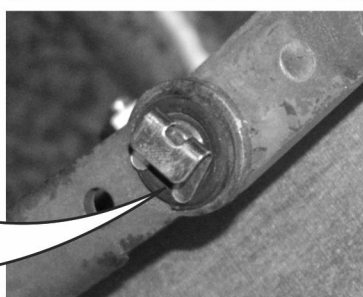
Install the new grommets with bushings into the transmission arms.



# 6

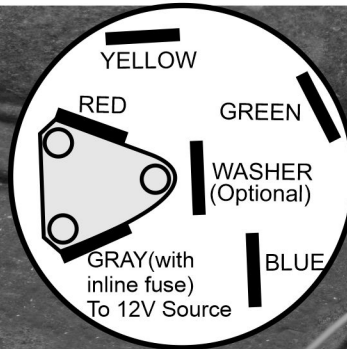
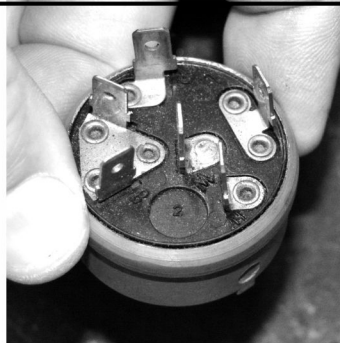
Install the wiper transmission arms onto the wiper motor clevis.

Secure the wiper transmission arms to the wiper motor clevis using the retaining clips.



# 7

Connect the wiper switch to the wiper motor wiring harness according to the diagram on the right. Connect the gray wire with the 20 AMP fuse to a 12 volt power supply.



## WIPER SWITCH TERMINAL HOOK UP

- Attach the wire harness from the motor assembly to the wiper switch according to the SWITCH TERMINAL diagram above.
- The GRAY wire with the inline fuse holder is the power input wire and connects to a suitable 12V power supply.
- The BLACK wire (with spade wire connector) from the harness is the GROUND and must be fastened to a suitable, rust-free position under the dash.

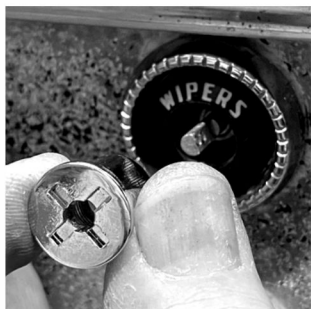
**OPTIONAL:** The terminal located in the center of the switch (WASHER) is for activating a windshield washer motor if desired. Push the wiper knob to activate.

# 9

From behind the dash, insert the wiper switch through the switch hole.

Install the original wiper switch bezel onto the shaft then secure the switch to the dash using the chrome wiper switch-to-dash nut.

Attach the original wiper switch knob to the switch shaft. (Knob not included in kit).



# 10

With the wiper arms and blades off of the car, turn the wiper switch ON and observe under the dash that there are no obstructions such as defroster ducts or wiring to impede the movement of the wiper transmission arms. After a few seconds of operation turn the switch OFF. This will bring the windshield wiper transmission arms and wiper posts to the PARK position. Install the wiper arms and blades onto the wiper posts at the PARK position at the bottom of the windshield.

Minor adjustments can be made to the STOP position of the wiper arms after the installation by loosening the nut on the tail bracket, moving the motor assembly up or down to improve the STOP position. Tighten the nut.

