

# # 8C-17508 1948-50 Ford Pickup Electric Windshield Wiper Installation

**This conversion kit will not work with 6V positive ground systems**

## **Electric Windshield Wiper Kit Includes:**

**12V Electric Motor with Motor Tail Bracket**

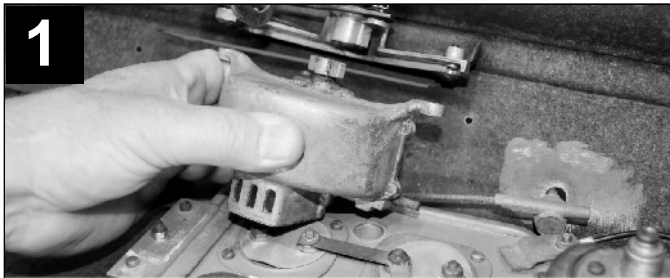
**2-Speed, 12V Switch and Knob**

**Chrome Switch Bezel Nut**

**Power Wire with 20 Amp Inline Fuse**

**Wiper Motor to Dash Support Bracket**

**Essential Bolt and Nut Hardware**



**1**

Make sure the windshield wiper arms are in park position, then remove windshield wiper arms from the truck.

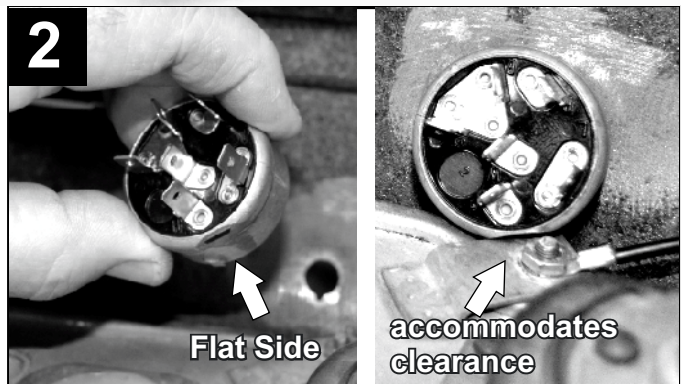
Remove the windshield wiper knob and nut from the top of the dash.

If your truck has defroster ducts, temporarily remove the driver side ducts. (2 screws on top of the dash Remove the vacuum operated wiper switch.

Remove the two screws from the vacuum wiper motor and remove motor.

Disconnect the vacuum line from the vacuum motor .

**NOTE:** The vacuum line must be plugged after it has been removed from the vacuum motor.



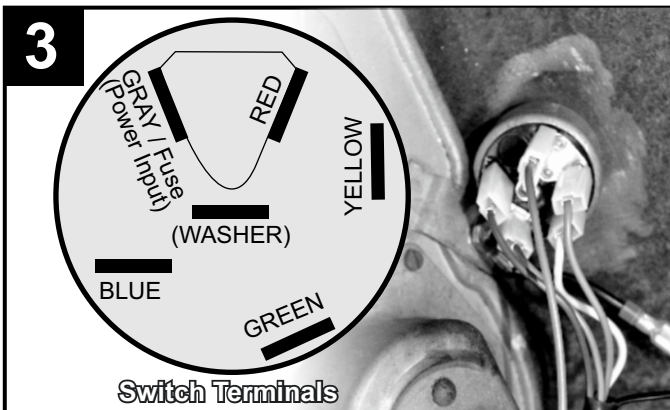
**2**

**Flat Side**

**accommodates clearance**

Install the electric wiper switch into the switch hole through the top of the dash. There is a **Flat Side** on the switch to accommodate clearance of the instrument cluster.

Secure the switch to the dash using the supplied chrome switch bezel nut.



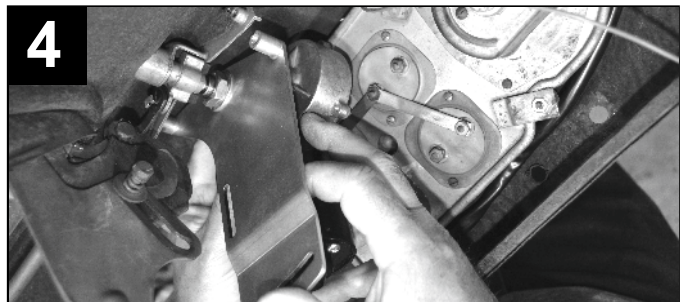
**3**

**Switch Terminals**

Attach the wire harness from the motor assembly to the wiper switch according to the **Switch Terminals** diagram above. The GRAY/Fuse wire is the power input wire and is connected to the ACC terminal at the ignition switch.

The **BLACK** wire (with loop terminal) from the harness is the ground and must be grounded.

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

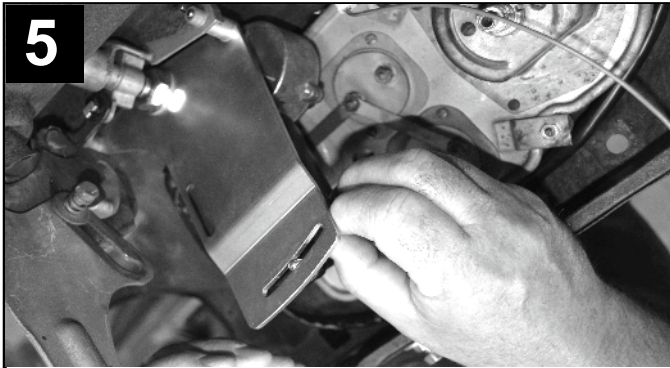


**4**

Position the electric wiper motor assembly onto the wiper transmission and engage the transmission clevises.

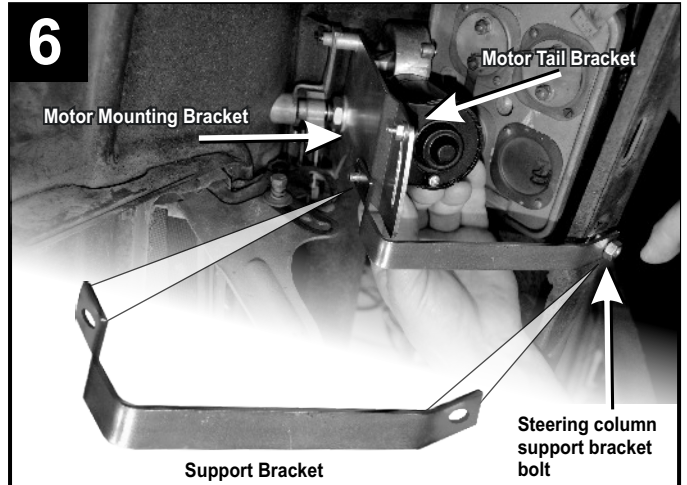
Secure the electric motor assembly to the wiper transmission with the two supplied bolts.



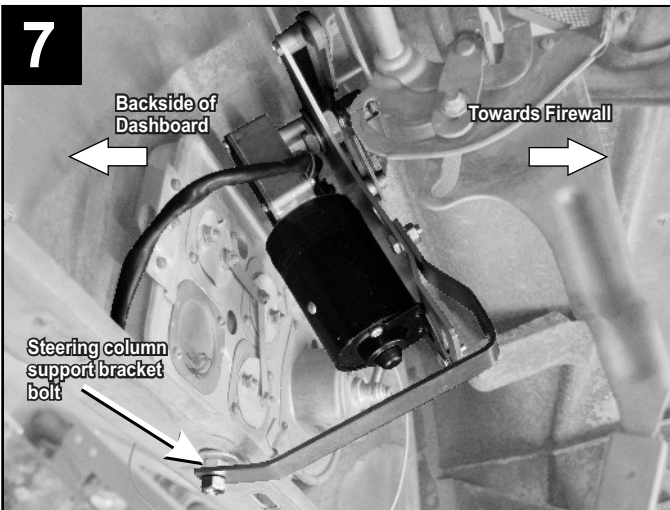


Install the park adjusting bolt through the motor tail bracket and motor mounting bracket. The bolt needs to be centered in the arched slot in the motor mounting bracket. Tighten the bolt for now.

**NOTE:** This is where the park position of the windshield wiper arms can be adjusted after the installation is completed. To adjust the park position of the wiper arms, loosen the bolt on the motor tail bracket and move the motor assembly right or left then tighten the bolt. Turn the switch on then off and note the position of the wiper arms at the windshield. If more adjustment is needed, loosen the bolt and move the motor tail bracket until the desired stop position is achieved then tighten the bolt.



Attach the support bracket (as shown above) to the motor bracket assembly. The opposite end of support bracket bolts to the steering column support bracket bolts.



This view (looking up from the floorboard) shows the installation of the support bracket attached to the motor bracket and steering column support bolt.



Reinstall the windshield wiper arms.  
Reinstall defroster ducts, if necessary.



As mentioned in step 5, the park position of the windshield wiper arms can be adjusted. To adjust the park position of the wiper arms, loosen the bolt on the motor tail bracket and move the motor assembly right or left then tighten the bolt. Turn the switch on then off and note the position of the wiper arms at the windshield. If more adjustment is needed, loosen the bolt and move the motor tail bracket until the desired stop position is achieved then tighten the bolt.



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