

" THIS ARTICLE IS INTENDED FOR YOUR REFERENCE ONLY.

ACTUAL PARTS, YEARS AND BODY STYLES CONTAINED

IN THIS ARTICLE MAY DIFFER SLIGHTLY FROM YOUR APPLICATION. "

1955-57 UPDATED WINDSHIELD WIPER SYSTEM



Randy Irwin - Technical Writer

Randy has been involved in the Chevy parts business for over 25 years. He is a wizard at creating, making and modifying custom parts for Chevys. Randy also heads up Eckler's Classic Chevy International Product Development and Technical Services department.

Let's face it, the old cable wiper system in a classic sometimes just won't do the job. The cables on the transmissions stretch or break, the center drive gets sloppy and you may even find yourself in a summer downpour without wipers! The updated Raingear wiper systems from Pacific Western Design have been available for quite a few years and are a vast improvement over the old vacuum or electric motors and flimsy cable systems. Brand new electronics and a rod & arm, not cable type, system replaces the old contraption. These kits are even available with a modern delay switch for intermittent wipers while driving in misty rain.

Now Pacific Western has improved and simplified their kits even more with improved clearance of under dash components.

Parts Needed:

- 27-20 1955-56 Wiper System w/Standard 2-Speed Switch
- 27-21 1955-56 Wiper System w/2-Speed Delay Switch
- 27-22 1957 Wiper System w/Standard 2-Speed Switch
- 27-23 1957 Wiper System w/2-Speed Delay Switch
- 27-24 Windshield Washer Kit
- 49-02 Wiper Escutcheon Tool
- 27-16 Stainless Wiper Arm & Blade Set

To order parts call 1-800-456-1957 or visit ClassicChevy.com

Tools Needed:

- 1/2" Socket
- 3/4" Socket
- Ratchet
- Wire Crimper
- Wiper Escutcheon Tool



27-20



27-24



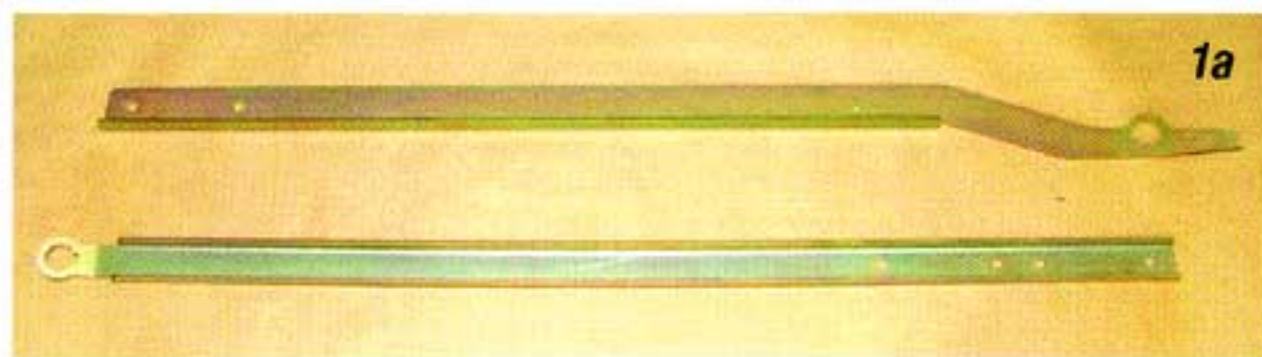
27-16



27-21



49-02



1a



1b

Photo #1a & 1b: The factory wiper system used cables to drive the wiper transmission. These cables become stretched and out of adjustment. The new updated wiper system from Pacific Western Design uses linkage to drive the wiper transmission. These will never go out of adjustment. The linkage is sent in two pieces. The left and right linkage is held together with two #8 machine screws, lock washers and nuts.

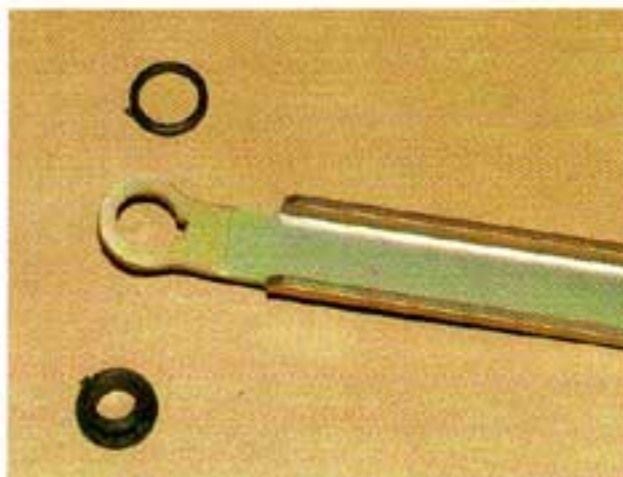


Photo #2: There is a hole in each end of the new transmission linkage. A two piece bushing is installed here.

Time Frame:

3-Hours

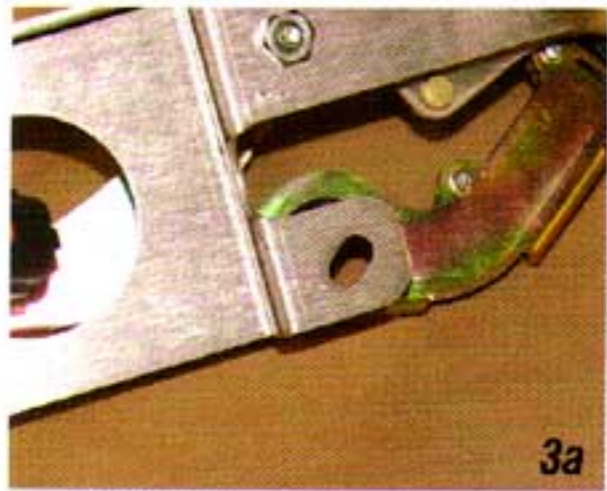


Photo #3a & 3b & 3c: There is a tab on the wiper motor that will need to be bent for the 1955 cars. Using two pair of vise grips or channel locks bend the tab up 30-degrees.



Photo #6: Feed the wiper transmission linkage through the speaker bezel opening on the passenger side.

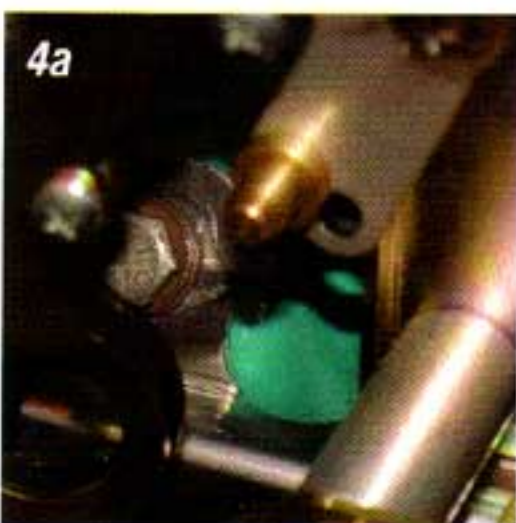


Photo #4a & 4b : The new wiper motor mounts to the left of the brake pedal assembly. The shaft on the wiper for the driver side wiper arm feeds through the cowl. The bent tab bolts to an existing hole in the firewall with a supplied 5/16" X 3/4" bolt and lock washer.



Photo #7: The linkage is held to the wiper motor with a flat washer and clip.

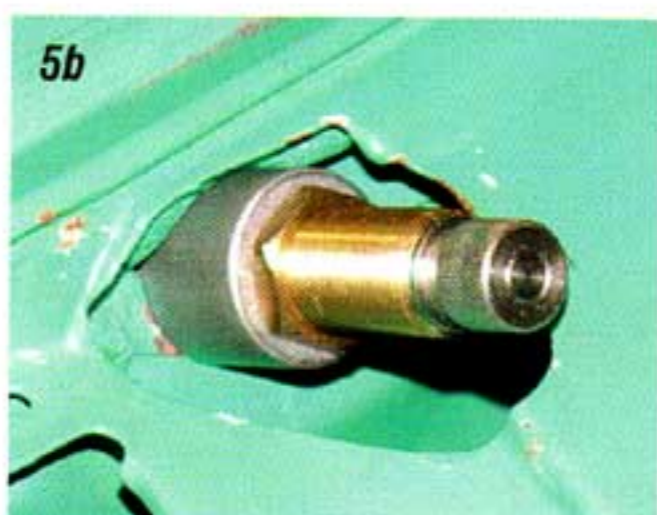


Photo #5a & 5b: There is a 1" long aluminum spacer and a brass nut that fits on the outside of the cowl. This holds the driver side transmission tight to the firewall. Make sure to use sealer under the aluminum spacers to seal the holes in the firewall.

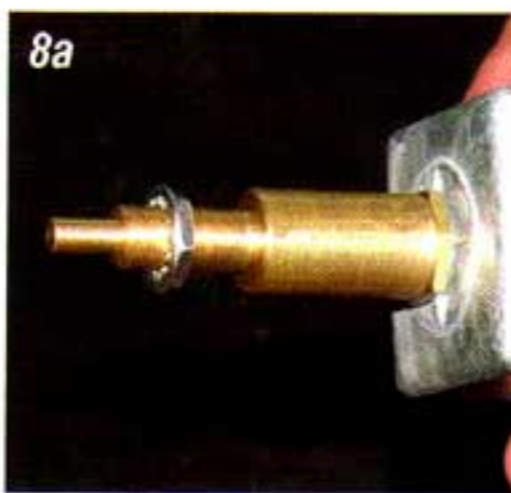


Photo #8a & 8b & 8c: The updated wiper system includes a new wiper switch. The switch will bolt in place of the original. The stock bezel and knob may be used.

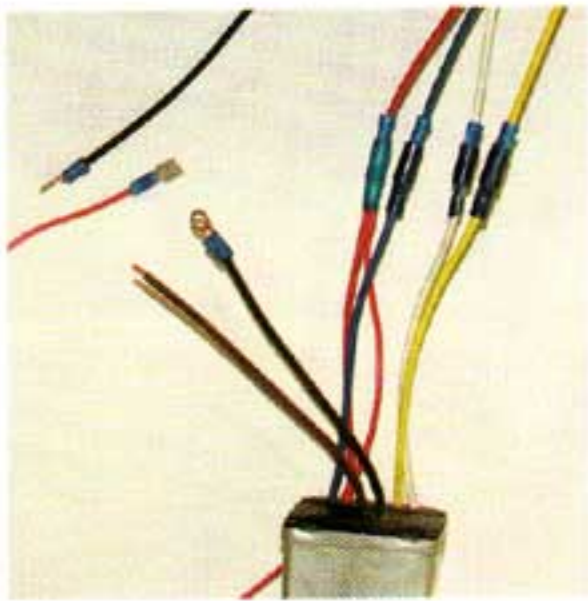


Photo #9: There are six wires on the wiper switch and five wires from the jack that plugs into the wiper motor, follow the wiring diagram below.

| | | |
|------------------|------------------------|------------------|
| Red Wire | | Red Wire |
| Blue Wire | | Blue Wire |
| White Wire | | White Wire |
| Yellow Wire | | Yellow Wire |
| Brown Wire | Washer Pump if used | |
| Black Wire w/Lug | Ground | |
| | Ground | Black Wire w/Lug |
| Red Wire w/Spade | Fused 12-Volts key on. | |

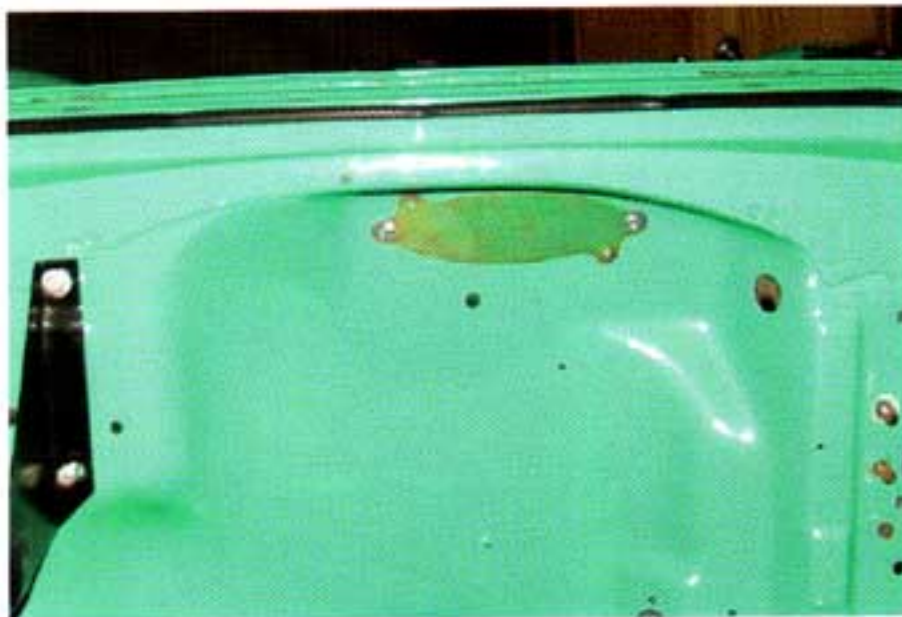
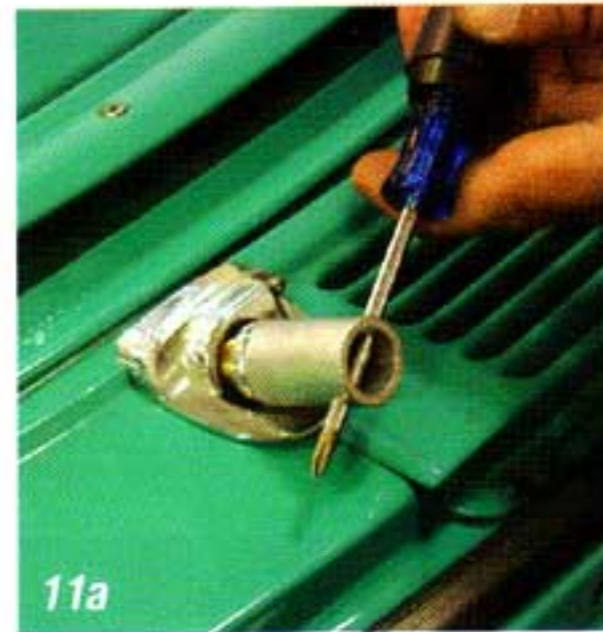


Photo #10: The wiper kit includes a plate to cover the original hole in the firewall. The plate can be painted black or to match the firewall.



11a



11b

Photo #11a & 11b: The updated wiper kit still uses the stock wiper escutcheons. An escutcheon tool is included in the wiper kit.

With the new wiper system the wipers will be nice and quiet, never need adjusting and will work everytime!
Good Luck! 