



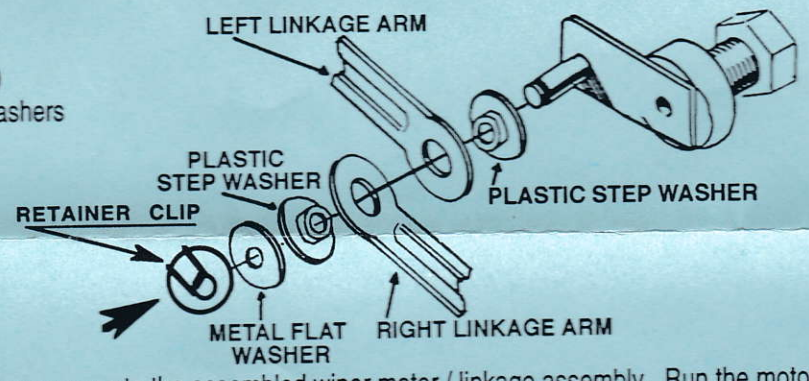
# INSTALLATION INSTRUCTIONS

Electric Wiper Motor Conversion Kit  
1C-17508-HD12 • 1951/52 PICKUP  
12 Volt, Two Speed

This electric wiper motor conversion kit is designed for trucks that have the original vacuum wiper motor, and linkage in place. Trucks that have the original electric wiper motor will need to acquire an original set of vacuum wiper motor linkage to complete this installation.

**WARNING: DISCONNECT BATTERY BEFORE PROCEEDING WITH INSTALLATION.**

- 1) Remove the wiper arms & blades. Disconnect the original wiper control cable and original vacuum supply hose.
- 2) Remove the wiper shaft nuts from the outside. The original wiper motor and linkage can now be removed from the truck in one piece.
- 3) Working at a bench, remove the vacuum motor from the original linkage. Drill out the eight spot welds that hold the support arms for the original vacuum motor with a 3/16" bit. Make sure that four of the drilled out spot welds line-up with the four mounting holes on the new electric wiper motor bracket. Install the new motor as shown using the four 10-32 screws & locknuts supplied.
- 4) Attach the linkage arms (left & right) as shown in the diagram with the washers & clip included.



- 5) At the bench, connect a 12 volt power source to the assembled wiper motor / linkage assembly. Run the motor and check that the linkage operates smoothly without binding. You can gently bend the linkage arms as needed.
- 6) Install the wiper motor / linkage assembly back in the truck. Attach the wiper shaft nuts from the outside.
- 7) The support brace included attaches to the lower part of the wiper motor bracket (with the 1/4-20 screw & locknut provided), and drops down to bolt to the firewall at the same hole used to support the original radio.
- 8) Install the switch. Connect a fused 12 volt power source to the red wire. Switch connections : B = Red, P = Green, H = White, L = Yellow.
- 9) Connect the battery and run the wiper motor and observe linkage for binding and interference with cables & wires. The linkage should operate smoothly with no binding at the end of the stroke.

**WARNING: MAKE SURE THAT THE WIPER MOTOR IS IN THE AUTOMATIC PARK POSITION BEFORE PROCEEDING.**

- 10) Install the wiper arms and blades. Place the arms on the wiper tower shaft so that the blade stops 1/2" before touching the windshield rubber. Be sure that the blades are in good condition so that the windshield will not be scratched. Wet the windshield with water ( a spray bottle filled with water works good).
- 11) Start the motor and watch the sweep of the arms and blades. Return the switch to park. Note the position of the arms & blades. Reposition wiper arm on wiper tower shaft to correct park position, if necessary.