

## WINDSHIELD WASHER INSTALLATION

### MOUNTING BRACKET

1. The mounting bracket is mounted on the right (passenger) side of the car in the engine compartment on the fender shield. Use the bracket with two spacers as a drilling template in order to mount upright at the distance indicated from radiator brace. Drill two  $\frac{1}{32}$ " upper holes to mount bracket and spacers with bolts, and one  $\frac{9}{64}$ " lower hole for self-tapping screw. Mount bracket and insert pump and jar assembly.

**NOTE:** On Jet Models, increase the bend in the bracket mounting tab to fit fender shroud. Spacers are not used for this installation.

### HOSE CONNECTIONS

1. Remove large knock out plug on firewall to right and below right cable tensioner, and small  $\frac{3}{4}$ " knock out plug between wiper motor and cable tensioner and insert two grommets supplied in kit (See illustration).

**NOTE:** Do not remove large knock out plug on Jet Models, as large grommet is not used. Punch two

holes to right of knock out plug just large enough to accommodate hoses.

2. Connect small brass tee to the 15 inch and 32 or 23 inch lengths of  $\frac{1}{8}$ " I.D. hose. Connect each hose to tube extending down through cable housing under instrument panel, see illustration.
3. Connect  $\frac{3}{16}$ " I.D. hose (51 inch) to outer hose connection on jar marked "water" and feed through outside hole in double grommet or hole in firewall on Jet Models. Attach to remaining hose connection on small tee under instrument panel.
4. Cut wiper hose 6 inches from wiper motor and insert "Y" connector. (See illustration).
5. Connect  $\frac{3}{16}$ " I.D. hose (52 inch) to "Y" connector and insert through small single hole grommet in firewall. Attach this hose to shortest connection on wiper control.
6. Connect remaining  $\frac{3}{16}$ " I.D. hose (91 inch; cut to 67 inch for Jet Models) to center tube on washer marked "Vacuum," insert through remaining hole in large grommet or remaining hole in firewall, and attach to longest connection on wiper control.

### CONTROL PUSH BUTTON

1. Washer is operated by control push button in center of wiper control knob.

### NOZZLES

1. Remove screw plugs in cable housings and insert jet assemblies. Stream of water should strike glass near top of blade.

**NOTE:** Flush out tubes and fittings by turning on water before screwing in jets. This will clean the tubes of any obstructions which would plug the pinhole openings in the jets

### CARE AND OPERATION

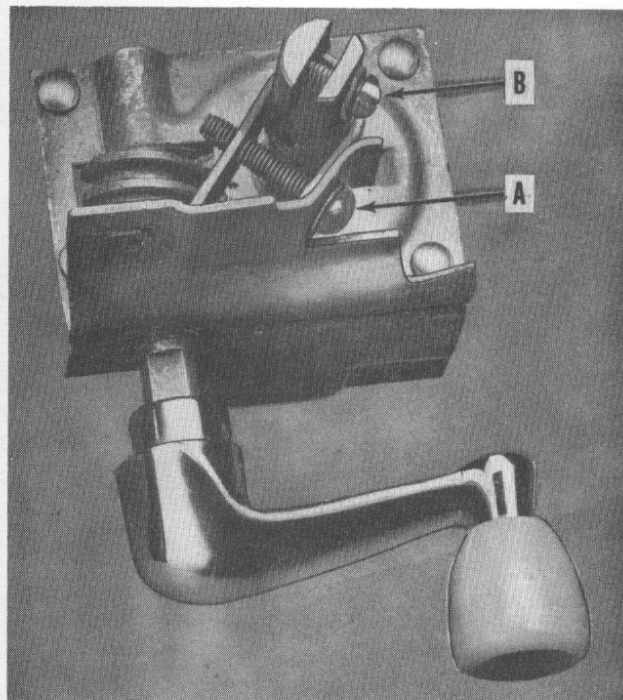
1. The automatic washer is operated by vacuum from the engine.
2. Filling the jar with water up to level line indicated, do not use dirty or greasy container or pour water through a dirty funnel, as dirt or small particles may clog the jets.
3. The wiper control on the instrument panel is also your windshield washer control. Push button to operate washer while wiper is in operation.
4. For Road Splash only a small charge is required. Release control quickly.
5. Winter Use. If it is not desired to operate the washer system in winter months, drain glass container in order to avoid freezing water and cracking jar. A specially prepared Hudson All Season Solvent that will not injure car finish and prevents jar breakage during the winter season can be secured from Hudson Dealers.
6. Check water supply in jar.
7. Unscrew the jet heads and see that small pinhole openings are all clear. Check tube lines for any obstruction of any kind.

**NOTE:** Care should be taken to avoid filling in pinhole opening of the water jet, particularly in the polishing of cars. Keep pinhole opening clean. To clean nozzles unscrew head while washer is operating.

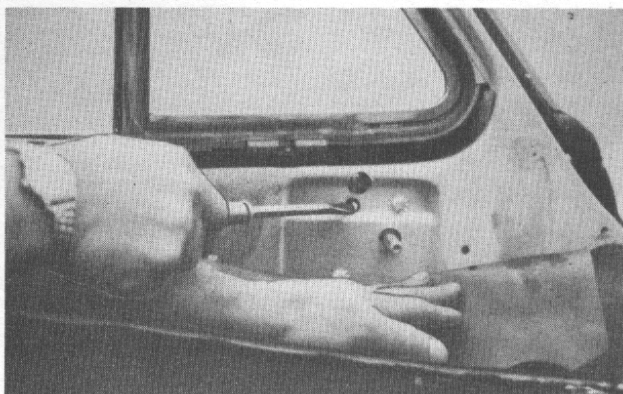
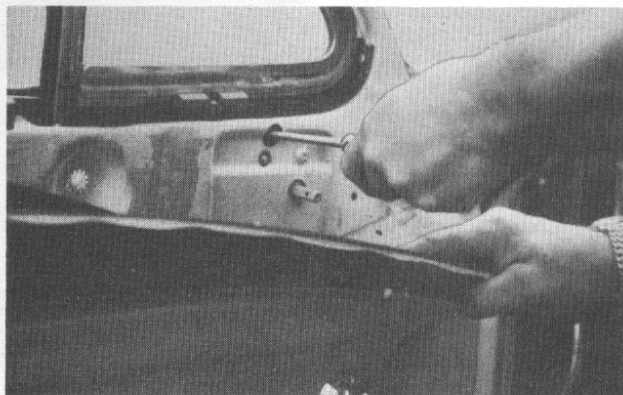
### VENT WING REGULATOR

Backlash in the front door vent wing regulator or looseness at the point where the vent wing frame extension is secured in the regulator post may result in the vent wing having a tendency to flutter while driving with the vent wing open at certain positions.

From the illustration, it will be noted there is a brake arrangement on the regulator shaft. This brake may be tightened or relieved by set screw "A".



The screw shown at arrow "B" must be tightened securely to prevent any movement between the regular post and the vent wing extension shaft.



Openings in the door inner panel for access to these screws are shown in the two illustrations just above.