

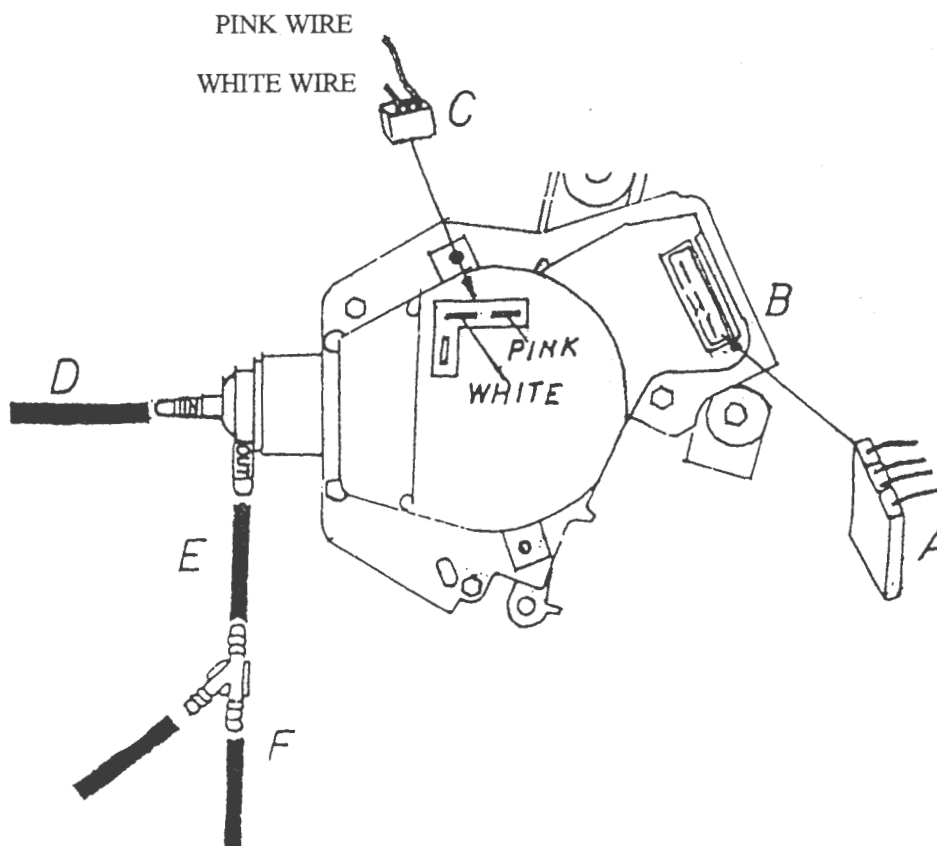
## INSTALLATION INSTRUCTIONS

### FULLY ELECTRONIC G.M. REPLACEMENT WASHER PUMP FOR VEHICLES WITHOUT DELAY

This is a fully electronic pump – it replaces your old pump. No complex cam alignment is necessary. Make sure your ignition switch is turned off while installing pump.

**Mark and identify center hose on old pump for later installation.**

1. Remove 3 screws that mount old pump to wiper motor – save screws. Install new pump using the same 3 screws. Make sure that the copper ground strap is re-installed and the 3 screws are firmly tightened.
2. Re-connect 3-way female terminal "A" into 3-way male terminal "B" on the wiper motor.
3. Re-connect 2-way female terminal "C" to the top of the new pump. Be sure that the white and pink wires are lined up correctly.
4. Re-attach hose "D" to the in nozzle of the new pump.
5. Re-attach 3-inch hose "E" (supplied) to the out nozzle of the new pump.
6. Attach Y – connector "F" (supplied) to hose "E".
7. Re-attach 2 remaining hoses to "F".
8. Clean fluid reservoir and filter.
9. Refill reservoir with proper fluid. Do not operate pump without fluid in reservoir.
10. Test completed installation with engine running. It may be necessary to operate the pump 3 to 4 times to prime the pump.



## **TROUBLE SHOOTING**

### **PUMP OPERATES BUT NO SPRAY**

- A. Check reservoir hose - is it attached
- B. Are hoses crimped - are they properly attached (reservoir in inlet)
- C. Check for clogged filter and clean if necessary
- D. Check fluid level in reservoir
- E. Are spray jets on cowling closed

### **PUMP DOES NOT OPERATE**

- A. Check electrical connections - are they firmly connected
- B. Check for defective switch
- C. Is ground strap in place and screw tight
- D. Disconnect outlet hose E and operate pump until water appears

### **WIPER MOTOR DOESN'T WORK**

- A. Check fuse
- B. Check plug "A" for corrosion, loose terminal or broken wire and that it is firmly connected
- C. Check for defective wiper motor

### **LIMITED WARRANTY VOID IF COVER REMOVED OR BROKEN**