

## SOLID STATE, ELECTRONIC, AUTOMATIC CHOKE INSTALLATION INSTRUCTIONS

*If engine is at or near operating temperature during installation, it is important to follow these steps in exact order.*

### STEP 1

Remove air cleaner and set aside. Remove old choke cover.

### STEP 2

Open throttle approximately  $\frac{1}{4}$ " to  $\frac{1}{2}$ " and while holding open, close choke valve plate completely. Release throttle, locking in the fast idle cam. This allows the choke valve plate to open and close freely for installation and testing. Next check the choke valve plate, the fast idle cam and the choke linkage for binding or sluggish action. If any is noted, spray with choke cleaner and work on until free-moving. Re install original gasket on choke housing but if damaged use enclosed gasket.

### STEP 3

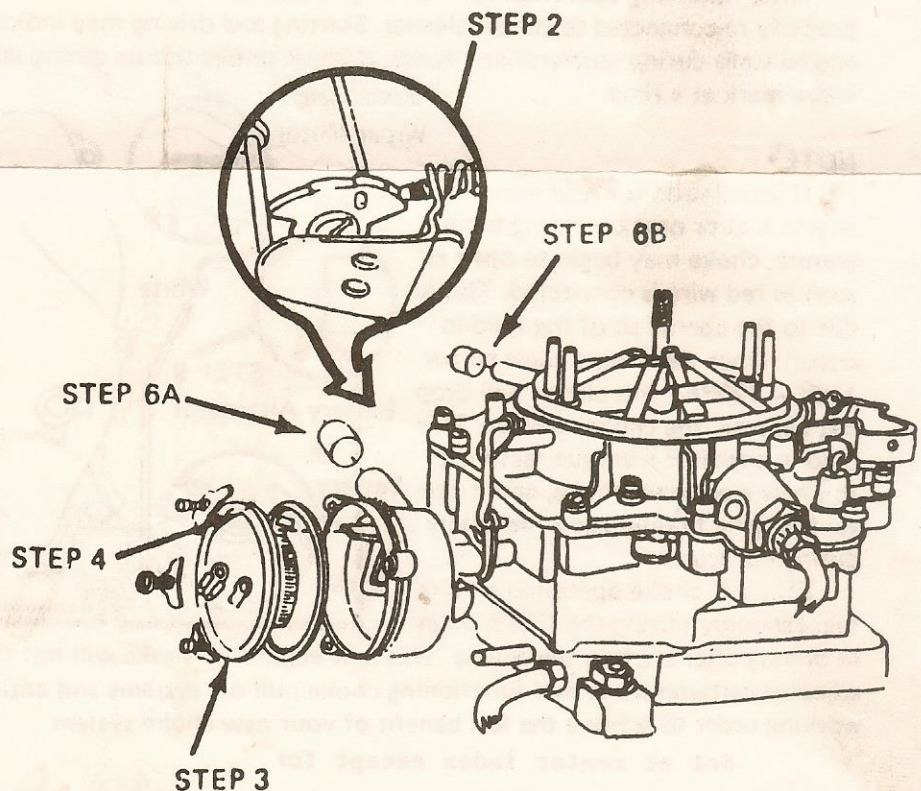
Install electronic choke. Be sure that the tang on the choke control arm enters the bushing on the thermostatic spring. Rotate the choke cover in both directions while observing the choke valve. It should follow the direction of rotation of the choke cover indicating that the tang is centered in the bushing.

### STEP 4

Set index mark on the choke cover to the proper index line on the choke housing as listed on the chart below. Install and tighten the three screws and cover locks.

### STEP 5

The choke valve plate should very lightly close at 70°F. If colder, the choke will be tighter closed. If warmer, the choke valve may be slightly open. Check movement from full open to closed by pushing down and releasing the choke linkage. There should be no sticking or binding. (see Step 2)



### STEP 6

Remove the rubber hose and steel heat tube leading from the heat stove (cast into the exhaust manifold) to the choke housing inlet. Place the red plastic cap on the choke housing inlet (A). Remove the clean air supply tube and hose leading from the carburetor clean air port to the heat stove. Place the red plastic cap on the carburetor clean air port (B). The external heat that was supplied by the heat stove is not required in the operation of this new electronic choke.