NOTE: Coil housing and rod assembly may be cleaned in carburetor parts cleaner without disassembling. After cleaning rinse in solvent and blow out inside of housing with compressed air. After rinsing make sure housing revolves freely on mounting post. If disassembly is necessary for thorough cleaning, follow steps under “Reassembly” to be sure coil is installed properly.

TWO PIECE CLOSED HOUSING

REASSEMBLY:

1. Place coil mounting post in either half of coil housing.
2. Insert thermostatic coil on mounting post with hook facing clockwise. (See Fig. A.)
3. Assemble second half of housing and secure on mounting post with washer and hair pin. Be sure holes in both housings are in alignment.
4. Install connector rod with hair pin end extending through either hole toward split end of mounting post. Secure with washer and hair pin. (Eye of hair pin extending outward.)
5. Place index disk on mounting post with flat on disk aligning with flat on post and turn disk and post counter-clockwise until hook on coil engages connector rod. Index mark on disk should be just to the right (approximately 2 o'clock position) of connector rod when holding housing with rod pointing to 12 o'clock position. (See Fig. B.) If incorrectly installed turn index disk over.
6. Assemble housing cover to mounting post and install lock washer and nut.
7. Install cover disk on connector rod.

ADJUSTMENT:

1. Loosen mounting post lock nut and turn mounting post with screw driver until index mark on disk is positioned as listed on carbureter specification page. Hold in this position with screw driver and tighten lock nut. (See Fig. C.)

NOTE: Screw driver may be held in vise so that one hand may be used to support housing while tightening nut.

2. After adjustment is completed and coil housing and rod assembly and carbureter is installed on engine lift cover disk and open and close choke valve manually to see if connector rod clears sides of hole in housing cover. If rod does not clear hole in housing cover without binding replace with a new unit since connector rod cannot be bent without affecting calibration.
ONE PIECE OPEN HOUSING

REASSEMBLY:

1. Place housing with circular edge downward and center web at 3 o'clock position. (See Fig. D.)
2. Insert thermostatic coil into housing with hook on coil in 4 o'clock position and pointing toward web of housing.
3. Insert mounting post through housing and coil with index mark toward hook on coil. (See Fig. E.)
4. Secure mounting post to housing with washer and pin spring.
5. Install cover disk on connector rod.
6. Install connector rod through housing cover into housing toward split end of mounting post. Secure with washer and pin spring. (Eye of pin spring extending outward.)
7. Assemble housing cover to mounting post with lock washer and nut. Rotate mounting post counterclockwise until hook on coil picks up connector rod and tighten nut.
8. Check positive spring action by pushing connector rod downward through housing cover.

ADJUSTMENT:

Same as two piece housing. (See Fig. C.)