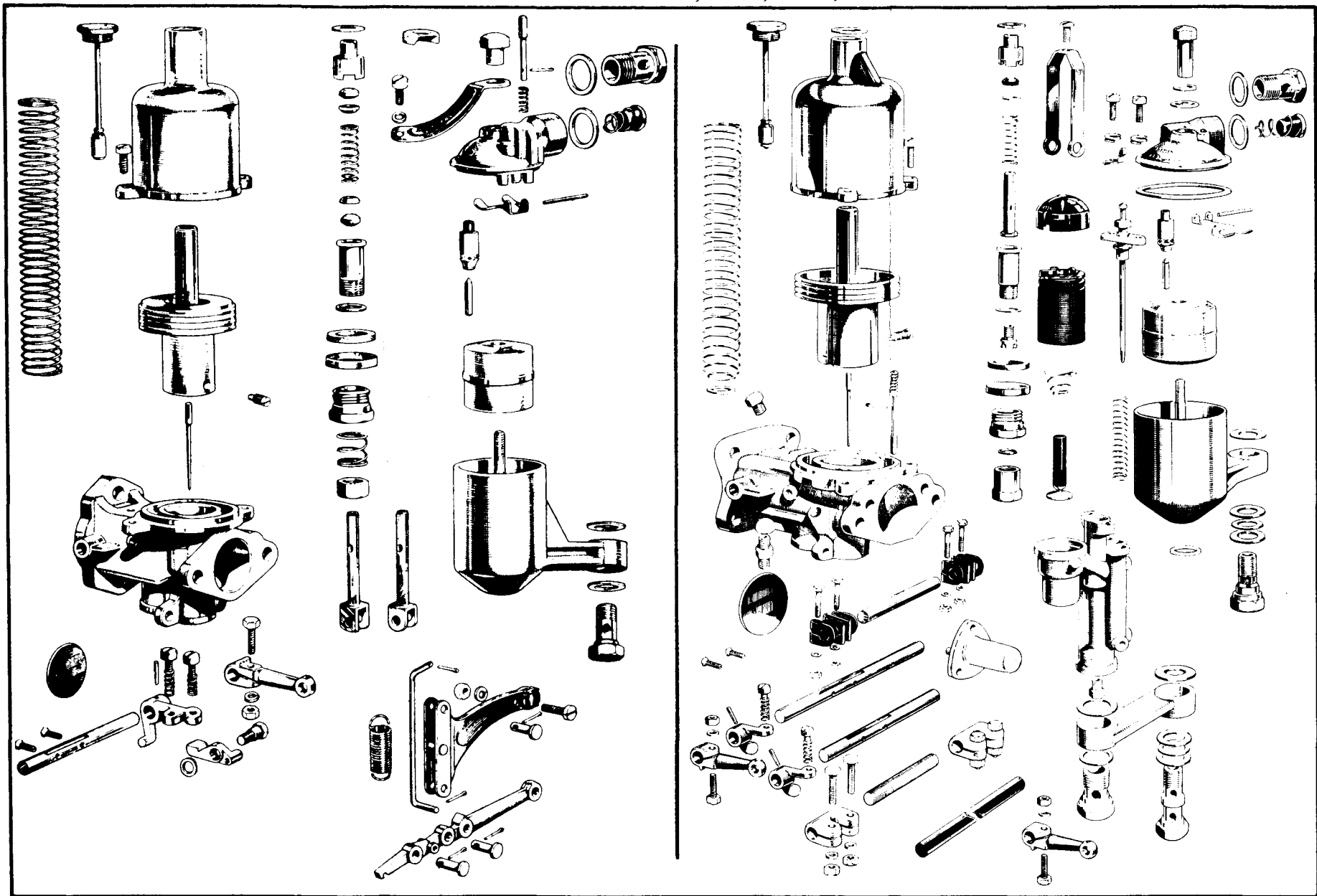


TYPICAL TYPES - H.1, H.2, H.4, H.6

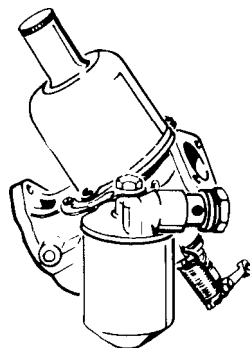


GENERAL EXPLODED VIEW
THE GENERAL DESIGN AND PARTS SHOWN WILL VARY TO
INDIVIDUAL UNITS COVERED ON THIS INSTRUCTION SHEET

INSTRUCTION SHEET

S. U. CARBURETORS

FORM NO. 50-6031
Replaces 50-6008
50-6011
50-6012



I. DISASSEMBLY.

The exploded view illustration on reverse side of sheet shows all parts of the carburetor "exploded" out of their respective assembled positions for reference during overhaul operations. The carburetor should be disassembled only to the extent necessary to permit a thorough cleaning, inspection of parts and installation of parts in Tune-Up Kit.

II. CLEANING.

Soak parts long enough to soften and remove all foreign material. Use a regular carburetor cleaning solvent; lacquer thinner; or denatured alcohol. Use a small brush to aid cleaning, if necessary. Make certain the throttle body is free of all hard carbon deposits. Blow out all passages in castings with compressed air, and check carefully to insure thorough cleaning of obscure areas. Do not soak rubber or leather parts in solvent.

III. REASSEMBLY.

Reassemble the carburetor with care, using new gaskets and other parts in kit to replace like parts in the unit. Refer to the drawing, on opposite side of sheet for location of parts. Exercise care to avoid damage to parts. As each component is assembled check it with respect to the function it is to perform in order to avoid possible "binds" and incorrect hook-ups.

IV. ADJUSTMENTS.

- a. Install carburetor(s) and warm up engine.
- b. Check all intake manifold bolts and tighten if necessary. There must be no intake leaks.
- c. Adjust carburetor(s) for smooth idle at car manufacturer's recommended speed with the throttle stop screw. If parts have been properly cleaned and correctly assembled, the idle will be normal when the throttle valve opening is adjusted to correct idle speed.
- d. If difficulty is obtained in securing a normal idle it is probably due to the suction piston binding in the chamber. With engine running, loosen the three suction-chamber screws slightly and tap the chamber lightly until engine idles smoothly, then tighten screws.