

Section C (Fuel System)

CARBURETTOR PARTS (See Fig. 18).

1. Choke valve spindle and return spring—manual choke
2. Connecting link—choke to throttle
3. Manual choke linkage and cable bracket
4. Choke valve fixing screws and spring washers
5. Choke valve
6. Fixing screw—top body and float chamber cover
7. Top body and float chamber cover
8. Float needle valve assembly and washer
9. Fixing collar and screws
10. Bi-metal spring cover
11. Bi-metal spring—large
12. Spring clip
13. Choke valve spindle—automatic choke
14. Bi-metal spring—small
15. Strangler valve spindle bearing bush
16. Fast idle lever stepped cam
17. Fast idle short lever, fixing nut and washer
18. Automatic choke body fixing screws and spring washers
19. Automatic choke body
20. Vacuum piston link end (this connects to hole in lever on end of item 13)
21. Set screw for fast idle speed adjustment
22. Circlip
23. Fast idle long lever and spindle
24. Fast idle connecting rod pivot
25. Fuel inlet pipe, olive and union nut
26. Gasket—float chamber to top body
27. Float lever pivot pin
28. Retaining spring—float lever pivot pin
29. Float lever—*all carburettors except B30 PIHT-2*
- 29A. Float lever—*B30 PIHT-2 carburettor only*
30. Float—*B30 PIHT carburettor only*
- 30A. Float—*all carburettors except B30 PIHT*
31. Float chamber
32. Accelerator pump lever operating spring
33. Circlip
34. Accelerator pump operating rod
35. Nut—accelerator pump lever
36. Accelerator pump lever
37. Spacing washer
38. Gasket—carburettor top body to main body
39. Emulsion tube and air correction jet—*B30 PIHT*
- 39A. Emulsion tube and air correction jet—*B30 PIHT-2*
- 39B. Emulsion tube and air correction jet—*B30 PIHT-3 and B30 PIH-5*
40. Ball valve—main well—*B30 PIHT only*
41. Pilot jet air bleed
42. Econostat jet
43. Carburettor main body
- 43A. Carburettor main body difference—*all carburettors except B30 PIHT*
44. Plastic tube—float chamber to main body
45. Pilot (slow running) jet
46. Accelerator pump diaphragm return spring
47. Accelerator pump diaphragm
48. Accelerator pump body
49. Cover fixing screw—short
50. Accelerator pump pivot pin
51. Accelerator pump lever
52. Cover fixing screw—long
53. Slow running volume control screw.
54. Volume control screw spring
55. Main jet holder—*B30 PIHT only*
- 55A. Main jet cover plug
56. Main jet holder—*or cover plug washer*
57. Main jet—*B30 PIHT only*
- 57A. Main jet—*all carburettors except B30 PIHT*
58. Choke tube—*B30 PIHT and B30 PIHT-2*
- 58A. Choke tube—*B30 PIHT-3 and PIH-5*
59. Choke tube locating screw and locking washer
60. Throttle valve
61. Throttle valve fixing screws
62. Throttle spindle
63. Slow running speed adjustment screw and spring
64. Fast idle linkage—*B30 PIHT*
65. Fast idle linkage—*B30 PIHT-2 and B30 PIHT-3*
66. Fast idle linkage—*Manual choke carburettor*