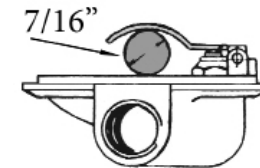


Typical S.U. HD Type Carburetor - Thermo

Illus. #	Description	Part #
1	Carburettor Assembly - front	
2	Body Assembly	
3	Pin - piston lifting	
4	Spring- pin	
5	Washer (viton)	AUC 4943
6	Washer- brass	
7	Circlip- pin	
8	Gland (cork-rubber)	AUC 2098
9	Washer -dished	
10	Spring	
11	Retainer -spring	
12	Adapter -auto ignition	
13	Gasket -adapter	AUC 2114
14	Screw -adapter	
15	Washer -shakeproof	
17	Valve -slow running	
18	Spring -valve	
19	Washer -dished (brass)	AUC 2130
20	Washer- gland (viton)	AUC 2029
21	Chamber & Piston Assembly	
22	Screw - needle locking	
23	Cap and Damper	
24	Washer - fibre	AUC 4900
25	Spring -piston-red	
26	Washer -thrust	
27	Screw -chamber to body	
28	Jet	included
29	Bearing -jet	
30	Screw -jet locking	
31	Spring -jet return	AUC 2006
32	Needle -jet	
33	Housing Assembly -Jet	
34	Screw -stop adjusting	
35	Spring -screw	
36	Chamber -float	
37	Bolt -float chamber fixing	
38	Washer -shakeproof	
39	Float	
40	Lid -float chamber	
41	Gasket -lid	AUC 1147
42	Needle & Seat	6151
43/44	Lever -hinged	
45	Pin -hinge	AUC 1152
46	Nut - Cap	
47	Washer -aluminum	AUC 1557
48	Washer -fibre	AUC 1928
49	Bolt -banjo	
50	Washer -fibre	AUC 2141
51	Filter -fuel	
52	Body -Thermo	
53	Jet -accelerator	
54	Needle	
55	Spring -needle-blue	
56	Shield -dust	
57	Finger -spring	
58	Screw -fixing	
59	Washer -shakeproof	
60	Solenoid Assembly	
61	Plunger & Valve	
62	Spring -conical	
63	Plate -spring locating	
64	Cap -end	
65	Strap -securing	
66	Screw -clamping	
67	Bracket -thermo body	AUC 4753
68	Washer -fibre	
69	Casting -pipe	
70	Bolt -casting to thermo body	
71	Washer -fibre	AUC 2141
72	Bolt -casting to float chamber	
73	Washer -aluminum	AUC 1557
74	Washer -fibre	AUC 2089
75	Spindle -throttle	
76	Disc -throttle	
77	Screw -disc	

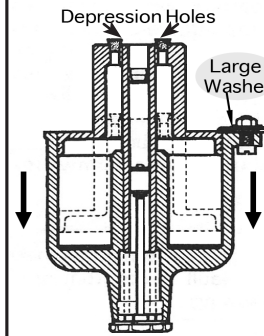
*Part #'s listed above ^ included in rebuild kit.

FLOAT CHAMBER FUEL LEVEL



(A) Remove the float chamber lid and invert it.
 (B) With the needle on its seating insert a 11.0mm (7/16") diameter round bar between the forked lever and the lip of the float chamber lid.
 (C) The prongs of the lever should just rest on the bar. If not, carefully bend the lever till they do.

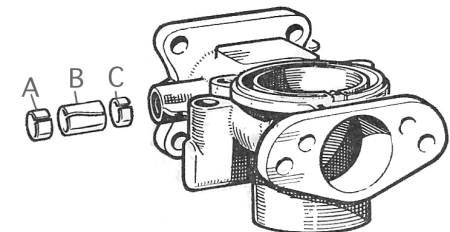
PISTON DROP TIMES



On 1 1/4" carburetors the drop time is 3-5 seconds. All larger carburetors have a drop time of 5-7 seconds.

Thoroughly clean the piston, dashpot chamber, and plug depression transfer holes.
 Fit nut, bolt & large flat washer to one dashpot securing flange & measure time piston takes to move length of chamber. If you have a vented dome then you must put non-vented damper into chamber to correctly count the drop time, otherwise piston will be very "fast".

P.T.F.E. BUSHING



Illus. #	Description	Part #
A	Ring - outer	
B	Bush (teflon) -spindle	AUC 2424
C	Ring (brass) - inner	AUC 2500

*Part #'s listed above ^ included in rebuild kit.

"Parts for the Solution"

BRITISH SU PERIOR

Replacement Parts For SU & Zenith Carburetors