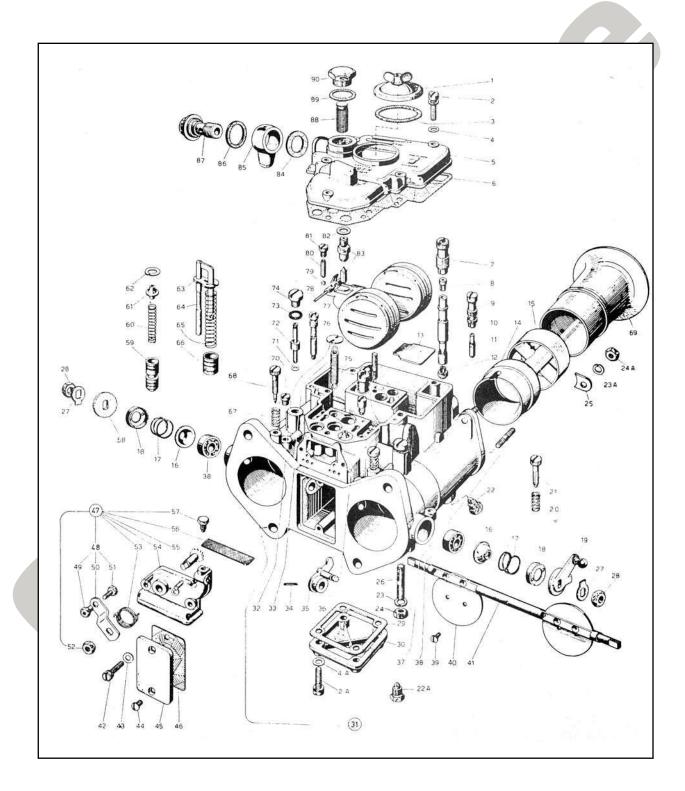
#### WEBER DCOE - EXPLODED VIEW



© 2003 Centerline Alfa Products. All Rights Reserved.

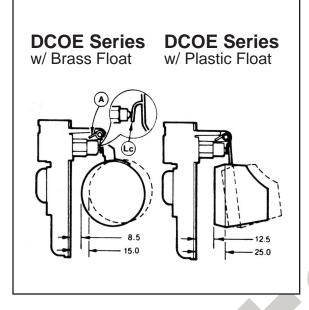
#### WEBER DCOE PARTS LIST

### **TYPE 40 DCOE 151 – PART NO. 19550.174**

Dia No.	Qty. Req'd	Description	Part Number	Dia No.	Qty. Req'd	Description	Part Number
1	1	Filter Cover	61002.010	46	2	Idle Mixture Screw Cup Washer	58000.006
2	1	Filter Cover Gasket	41530.024	47	3	Spring	47600.007
3	1	Filter Element	37022.010	48	2	Vacuum Take Off Gasket	64590.008
4	1	Jet Inspection Cover	32376.003	49	2	Pump Jet Gasket	41535.021
5	9	Screw	64700.001	50	1	Throttle Spring	47605.027
6	1	Jet Inspection Cover Gasket	41550.002	51	1	Spring Anchor Plate	52210.006
7a	1	Rubber Top Cover Gasket	41715.011	52	1	Throttle Stop Screw	64625.012
7b	1	Paper Top Cover Gasket	41715.001	53	1	Pump Plunger	58602.003
8	1	Needle Valve	79503.*	54	2	Starter Valve	64330.003
9	1	Plastic Float	41030.034	55	2	Starter Valve Spring	47600.105
10	2	Emulsion Tube Holder	52580.001	56	2	Idle Mixture Screw	64750.003
11	2	Air Corrector Jet	77401.*	57	2	Pump Jet	76801.*
12	2	Idle Jet Holder	52585.006	58	2	Pump Jet 'O' Ring	41565.009
13	2	Emulsion Tube	61450.*	59	2	Pump Jet Cover	61015.008
14	1	Stud	64955.007	60	1	Pump Rod Spring	47600.064
15	2	Main Jet	73401.*	61	1	Pump Rod	10410.015
16	2	Idle Jet	748xx.*	62	2	Starter Jet	75507.085
17	2	Auxiliary Venturi	69912.*	63	2	Pump Demand Valve Ball	58300.003
18	2	Air Horn	52840.012	64	2	Pump Demand Weight	52730.001
19	4	Air Horn Fixing Nut	34715.010	65	2	Pump Demand Valve Cover	61015.006
20	4	Spring Washer	55525.010	66	1	Needle Valve Gasket	83102.120
21	4	Air Horn Tab	52150.012	67	1	Fuel Union Gasket	41530.031
22	2	Main Venturi (Choke)	72302.*	68	1	Fuel Union	10536.035
23	4	Stud	64955.101	69	1	Fuel Union Gasket	41530.024
24	2	Lock Washer	34710.003	70	1	Fuel Union Bold	12715.008
25	2	Air By-Pass Screw Cap	14945.003	71	2	Progression Hole Inspection Cover	61015.009
26	2	Air By-Pass Screw	64750.002	72	1	Float Pin	52000.001
27	2	By-Pass Screw Lock Nut	34705.001	73	1	Choke Cable Clamp	64605.017
28	2	Locking Screw	64840.006	74	2	Starter Air Jet	77505.150
31	2	Lock Washer	55520.004	75	1	Carburetor Top Cover	31734.198
32	2	Throttle Spindle Nut	34710.003	76	1	Plate	52130.003
33	2	Throttle Plate	64005.044	77	2	Washer	55510.128
35	4	Throttle Plate Screw	64520.027	78	2	Sealed Bearing	32650.003
36	1	Bottom Cover Gasket	41640.001	79	2	'O' Ring	41575.019
39	2	Inspection Cover Fixing Screw	64570.009	80	1	Inspection Cover	52135.024
40	2	Choke Cover Fixing Screw	64700.004	81	1	Gasket	41640.021
41	1	Pump Cover Gasket	41640.021	82	1	Pin	58445.001
42	1	Cold Start Unit L/H	32556.002	83	1	Bottom Bowl Cover	32374.008
43	1	Exhaust Bleed	79701.*	84	1	Pump Cam Lever	45082.005
44	2	Idle Mixture Screw O Ring	41565.002	85	1	Throttle Shaft	10005.446
45	1	Throttle Lever	45048.007	86	1	Washer	99024.258
		*Calibrated Parts Require 3					
		Digits To Complete Part Number					
		See Calibrated Parts Section					
		For Sizes					

© 2003 Centerline Alfa Products. All Rights Reserved.

### WEBER DCOE CARBURETTOR SET-UP



The float level should be set by following the instructions below:

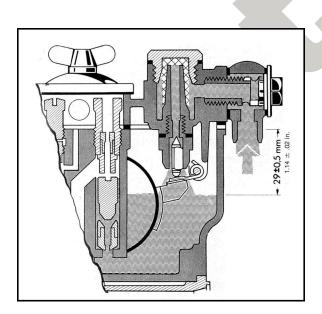
Make sure the float is of the correct weight (26 grs - .9 oz.), that it is not leaking anywhere, and that it can rotate freely about the pivot pin.

The weight of the float cannot be altered; consequently, haphazard repairs (tinning, etc.) can impair the proper operation of the float itself.

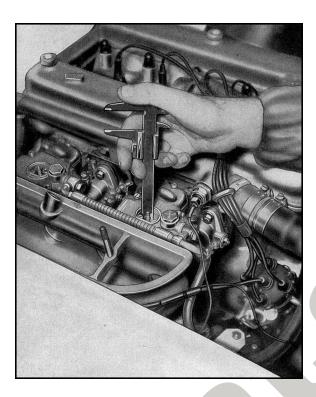
- Check that the needle valve 1 is well screwed into the seating and that the spring loaded ball 5, part of the needle 2, is not jammed.
- Hold the carurettor cover in a vertical position as shown in the figure so that the float 6 does not depress the ball 5 mouunted on the needle 2.

With the cover vertical and the float tongue **4** in light contact with the needle ball, the two floats should be at a distance from the cover joining surface of **A=8.5 mm** (.33 in.) with the gasket fitted and well stuck to the cover.

■ When the level has been set, check that the travel B of the float is 6.5 mm (.26 in.) adjusting if necessary the position of the float pivot tail 3.



#### WEBER DCOE CARBURETTOR SET-UP



Checking the fuel level in the float chambers with the carburettors on the car

If it is necessary to carry out this check, level the car and for each carburettor carry out the following operations:

- Remove the jet inspection cover and both main jets
- By means of a syringe, draw off from the wells a quantity of petrol sufficient to cause a substantial lowering of the level
- Refit the cover and run the engine at idling speed for some seconds
- Again, remove the cover and measure with a gauge the fuel level with respect to the upper face of the float bowl chamber. The level should be **29 +/- .5 mm (1.14 +/- .02 in.)**. If this is not so, adjust the float level and check the tightness of the needle valve, renewing it if there is any leak.