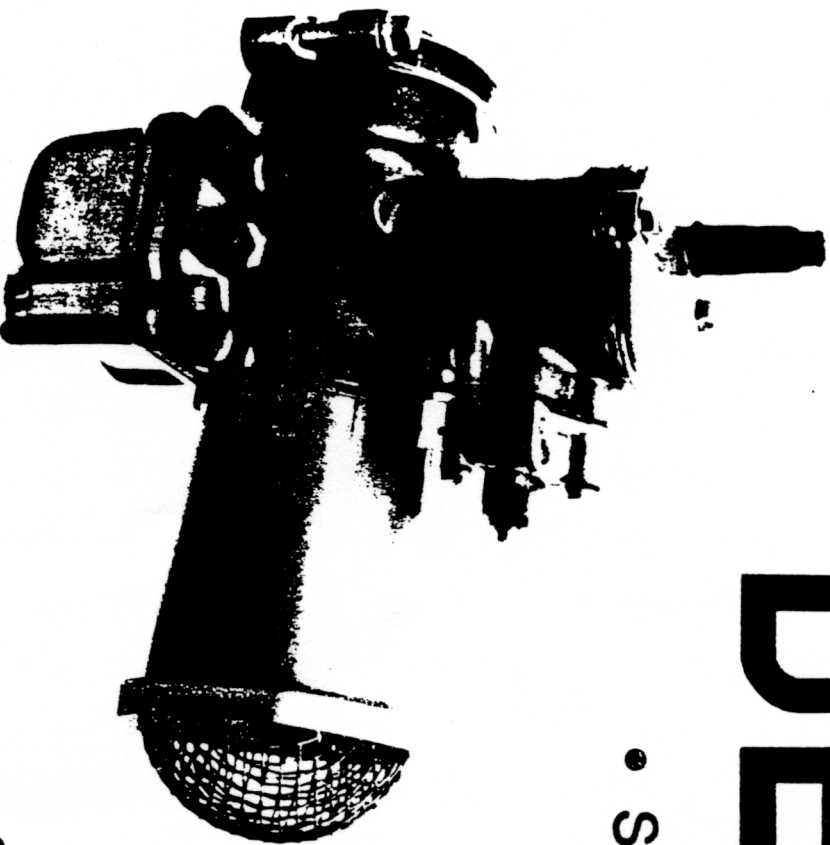


DELLORTO



- Superb quality, high-performance motorcycle carburetors
- Two and four cycle models, 20 through 40 millimeters
- Models with accelerator pumps for 4 cycle applications
- Complete stock of jets, slides, needles, and other rebuilding parts

1.00

PARTS AND TUNING INFORMATION

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COSMOPOLITAN MOTORS INC.,
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DELLORTO

PHB...A
30 - 32 - 34 - 36
PHB...B
30 - 32 - 34 - 36

APPLICATION
FOR 2 CYCLE ENGINES
125CC AND ABOVE

GENERAL FEATURES

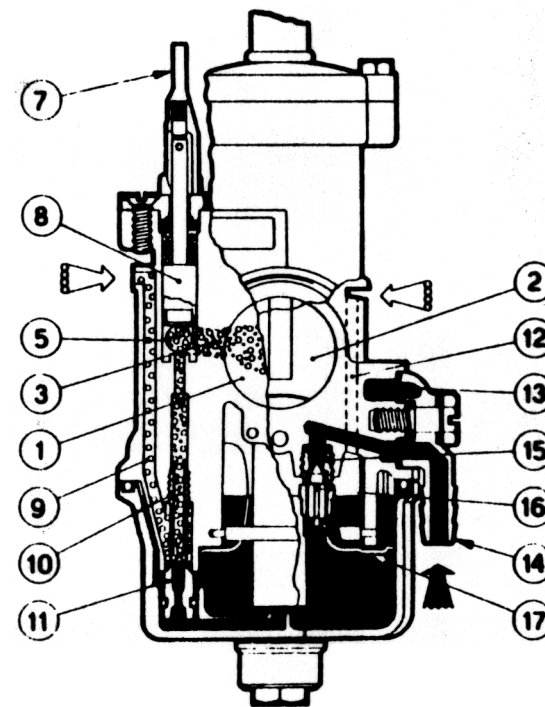
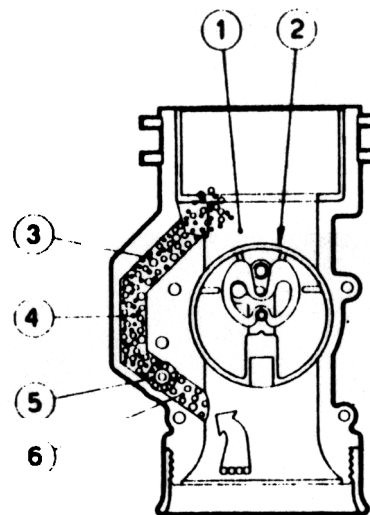
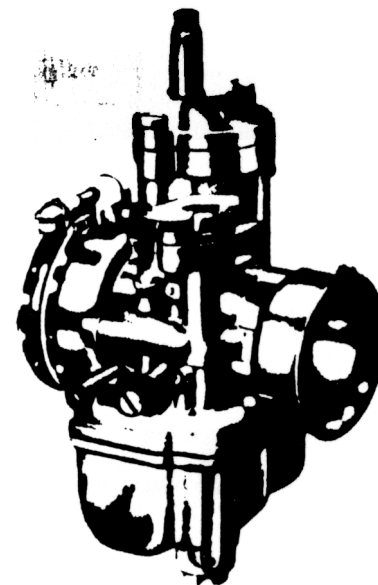
- Concentric carburetor with sidedraft barrel.
- Choke diameters: 30-32-34-36.
- Piston type throttle valve.
- Constant level float chamber, centrally placed with dual-body float.
- Starting device at independent circuit.
- Idle circuit with jet centrally placed and mixture adjusting screw.
- Mechanical adjustment of mixture by means of jet needle.
- Clip connection with heat insulating bushing from $\phi 45$ to $\phi 42$ for PHB...A and connection of $\phi 44$ for elastic fitting for type PHB...B.
- Suitable to be fitted with air intake tubes or connectors.

Carburetors PHB...A, and PHB...B can be supplied either with adjusting screws at right or at left (looking at the carburetor body from the air intake tube side) bearing symbols PHB...AD, PHB...BD if "right" and PHB...AS, PHB...BS if "left".

FUNCTION

A) STARTING

The fuel arrives to the fuel connector (14) and through the filter (13) reaches the fuel passage valve (15), where the needle (16), attached to the float bowl (17) regulates the fuel flow to the float bowl maintaining a constant level. The float bowl is connected with the atmospheric pressure through the passage (12). With the starter valve (8) in open position, actuated by the lever (7), the fuel regulated by the jet (11), passes through the emulsion passage (10), then mixes with the air coming from the canal (9), and reaching the chamber (5), mixes with the air,



passing through the hole (6) and through the canals (3 & 4), reaches the main carburetor duct (1) by-passing the slide (2).

B) IDLE

The fuel coming from the float, is regulated by the idle jet (23); mixes with the air coming from canal (18) and through the canal (20) reaches to the adjusting screw (22) then the carburetor duct (1) by-passing the slide (2). The screw (19) regulates the opening of the slide (2).

C) MIDDLE RANGE

As the valve begins to open from the idle to the maximum position, the fuel reaches the main carburetor passage (1) also through the hole (21).

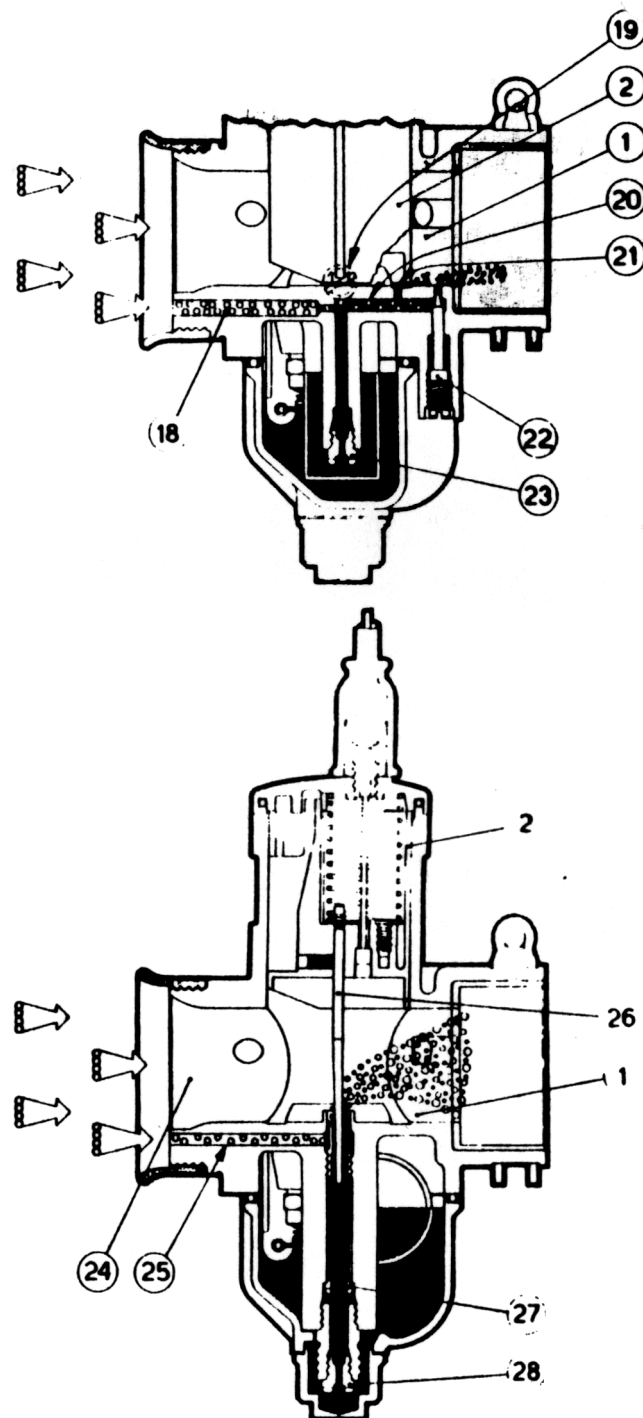
D) MAXIMUM RANGE

With the carburetor slide fully open, the fuel passing through the calibrated main jet (28) and through the needle jet (27); and regulated by the needle (26), mixes with the air coming from the canal (25), reaching the main carburetor passage (1) and further mixes with the air forced through the air intake (24).

ADJUSTMENT

A) IDLE

The idle speed must always be made when the engine is hot. Adjust the screw (A) until the idle speed is slightly higher than normal. Adjust the screw (B) until the engine will run smoothly. Reset the normal idle speed by turning the screw (A) counter clockwise.



B) MIDDLE RANGE

Above the idle speed position (about 1/5 of the total slide opening) if the carburetion is lean, the existing slide must be replaced with a lower cut-a-way (lower number). If the carburetion shows signs of being rich, a higher cut-a-way must be installed (higher number).

If the carburetion is too rich (from about 1/5 to 4/5 of the total opening of the slide) the fuel is regulated by the needle which is connected to the slide with a clip (which is normally set into the middle notch).

If the carburetion is too rich, the needle should be lowered and if too lean, the needle should be raised.

C) MAXIMUM RANGE

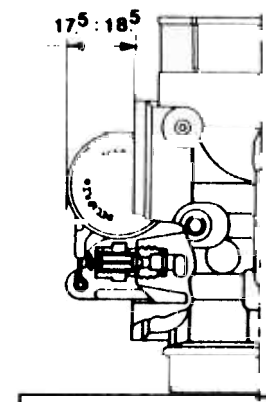
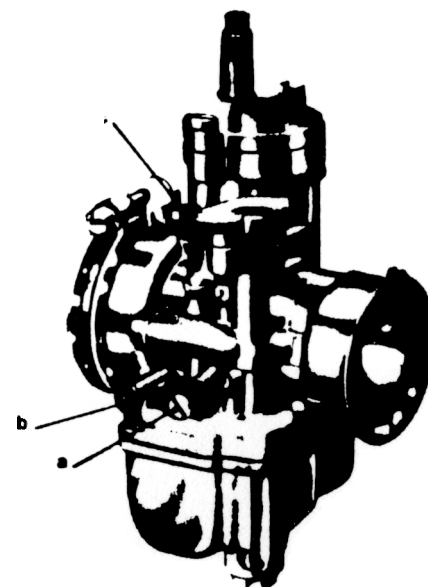
In maximum range, generally the mixture is regulated by the main jet. In case of lean carburetion, the main jet must be replaced with a larger one (larger number) or smaller (lower number), if the carburetor is too lean.

D) FLOAT ADJUSTMENT

Be sure that the float is of the proper weight, that is, not damaged and if it is turning free on the pin.

Keep the carburetor in the position as shown in the figure, so that the rocker of the float is touching against the needle and the needle is in contact with the seat.

Then control if the distance of the float, from the plane of the carburetor, is corresponding to the dimension prescribed.



CARBURETOR PLANE

STARTING

When the engine is cold, pull up the starter lever (C). In case the carburetor is equipped with cable type starter control, completely pull the starter lever, located on the handlebar.

DO NOT OPEN THE THROTTLE, and start the engine.

If the temperature is not too low, also open the throttle, slightly.

As soon as the engine is beginning to warm up, close the starter lever.

MAINTENANCE

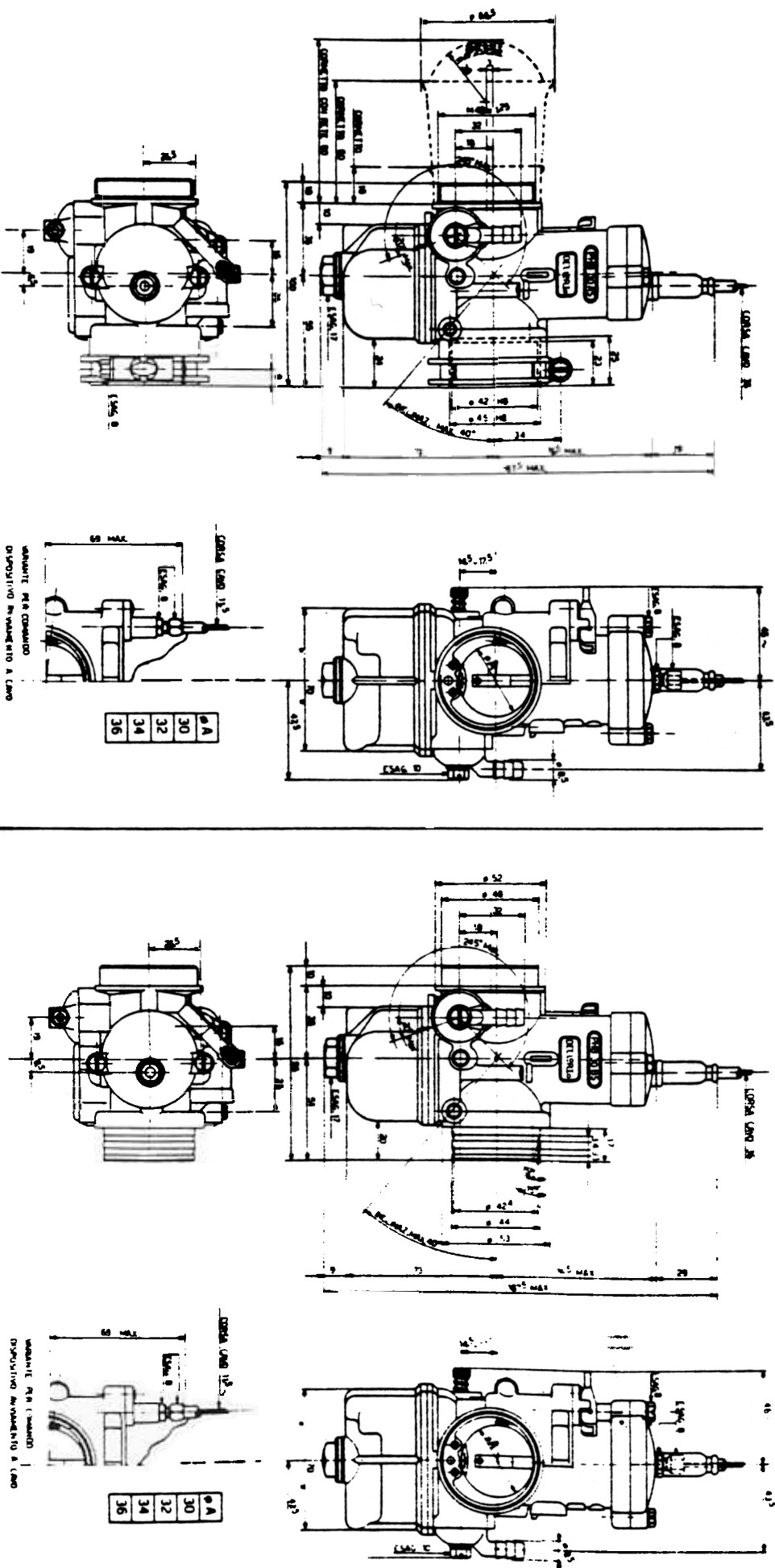
To maintain the carburetor in good condition, proceed as follows:

with a cleaning fluid and air.

fuel passage valve and the float bowl.

If necessary, replace with new parts of the same specifications.

DIMENSIONS



PHB...A

PHB...B

DELORO

PHF...A

30 - 32 - 34 - 36

APPLICATION
FOR 4 CYCLE ENGINES
125CC AND ABOVE

GENERAL FEATURES

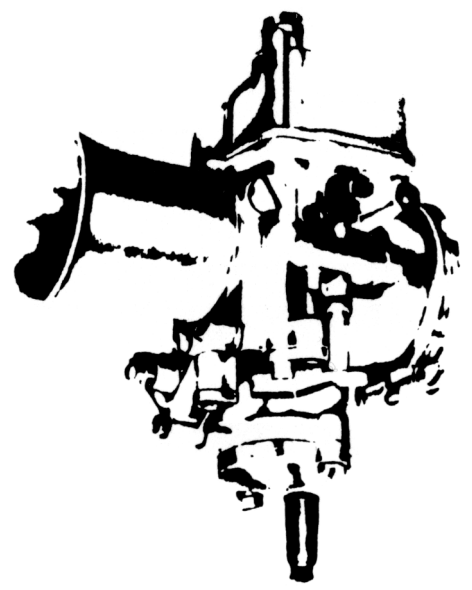
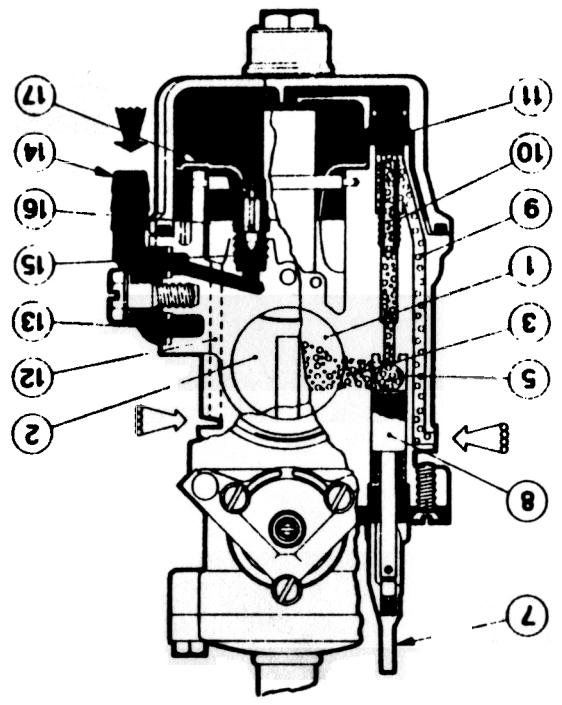
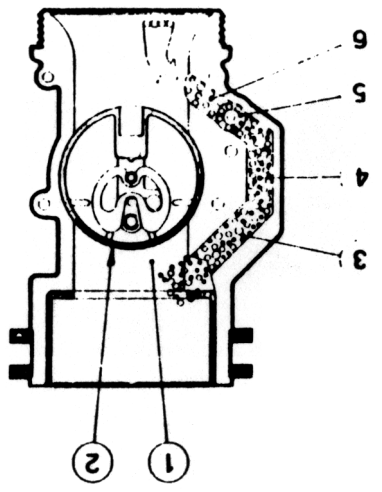
- Concentric carburetor with sidedraft barrel.
- Choke diameters: 30-32-34-36
- Piston type throttle valve.
- Constant level float chamber, centrally placed with dual body float.
- Starting device at independent circuit.
- Idle circuit with jet centrally placed and mixture adjusting screw.
- Mechanical adjustment of mixture by means of jet needle.
- Diaphragm accelerating pump mechanically controlled, with suction valve, delivery valve and jet.
- Clip connection with heat insulating bushing from $\phi 45$ to $\phi 42$.
- Suitable to be fitted with air intake tubes.

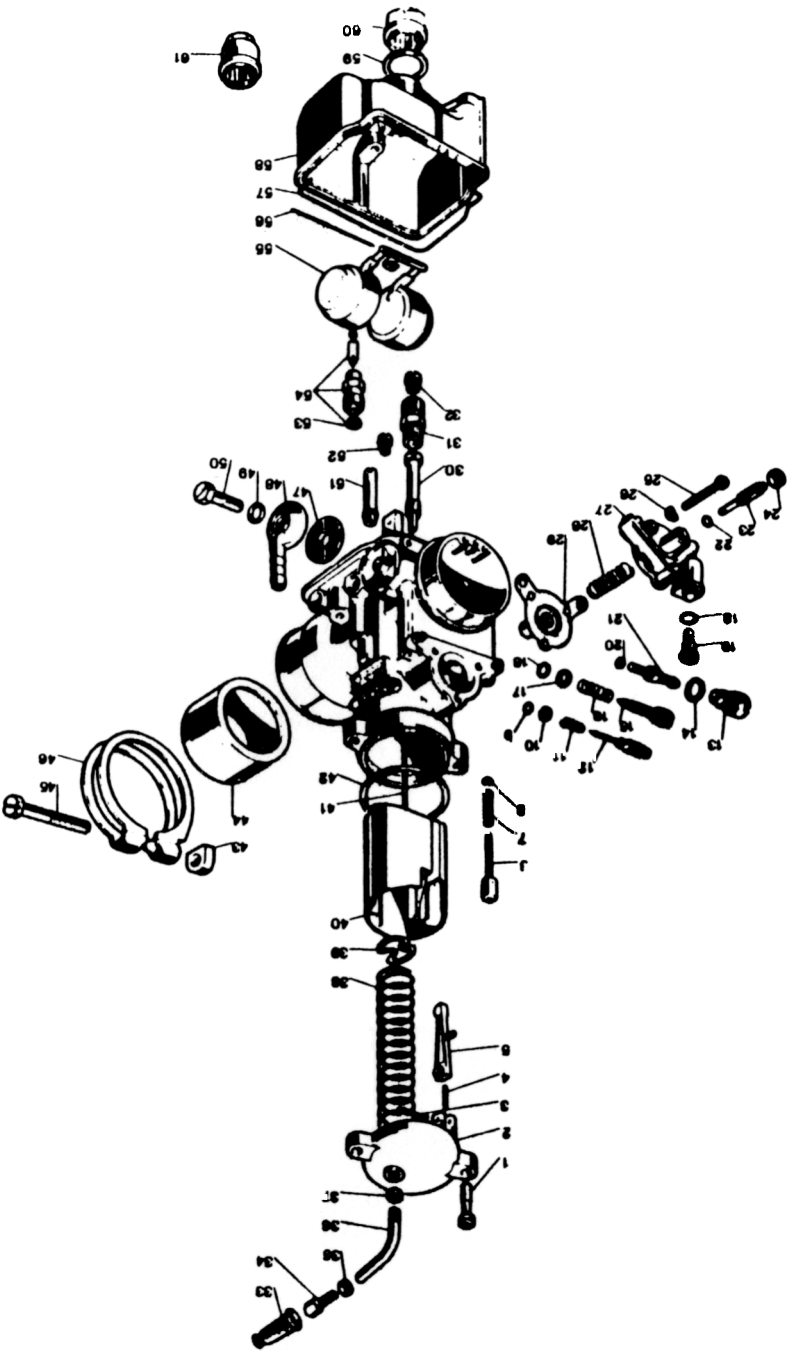
Carburetors PHF...A, can be supplied either with adjusting screws at right or at left (looking at the carburetor body from the air intake tube side) bearing symbols PHF...AD if "right" and PHF...AS if "left".

FUNCTION

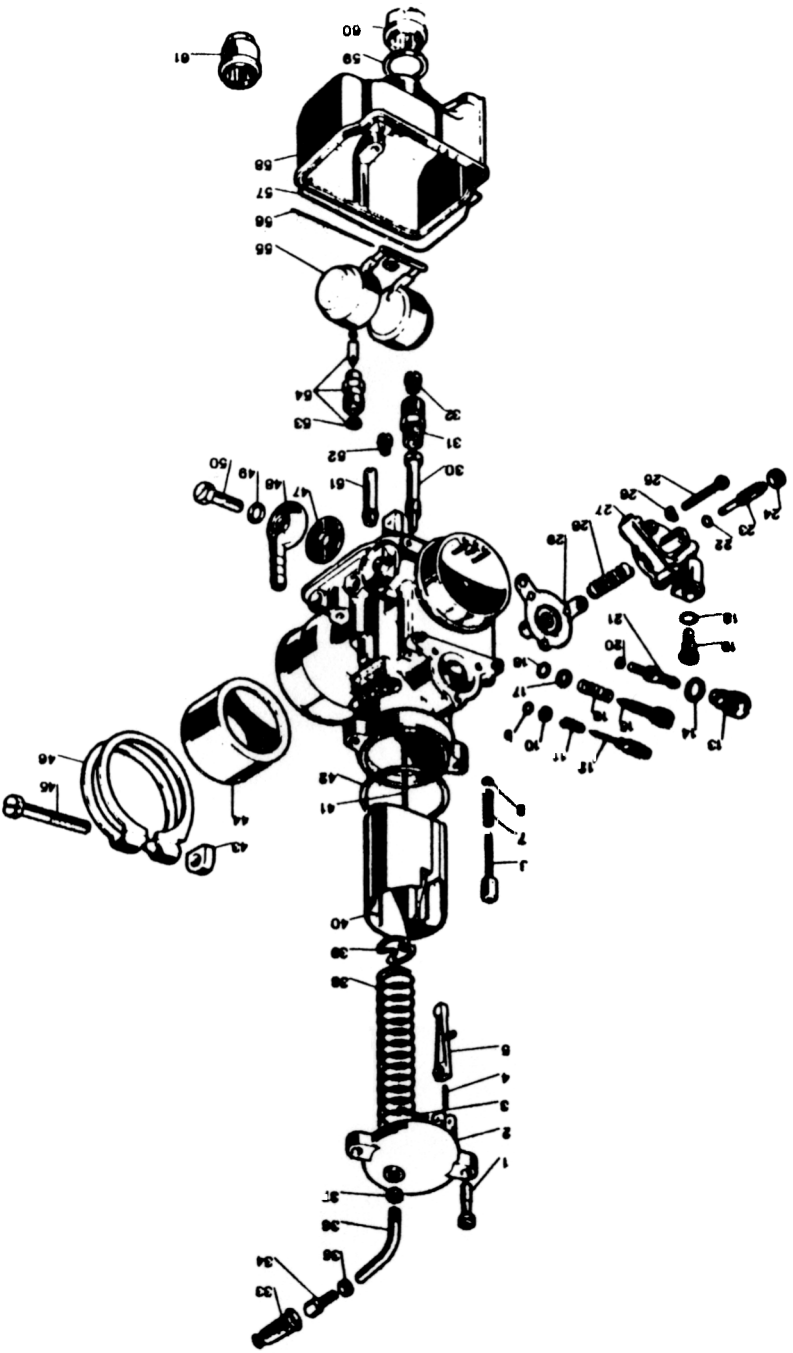
A) STARTING

The fuel arrives to the fuel connector (14) and through the filter (13) reaches the fuel passage valve (15), where the needle (16), attached to the float bowl (17) maintaining the fuel flow to the float bowl is connected with the atmospheric pressure through the passage (12). With the starter valve (8) in open position, actuated by the lever (7), the fuel regulated by the jet (11), passes through the emulsion passage (10), then mixes with the air coming from the canal (9), and reaching the chamber (5), mixes with the air, passing through the hole (6) and through the canals (3 & 4), reaches the main carburetor duct (1) by-passing the slide (2).

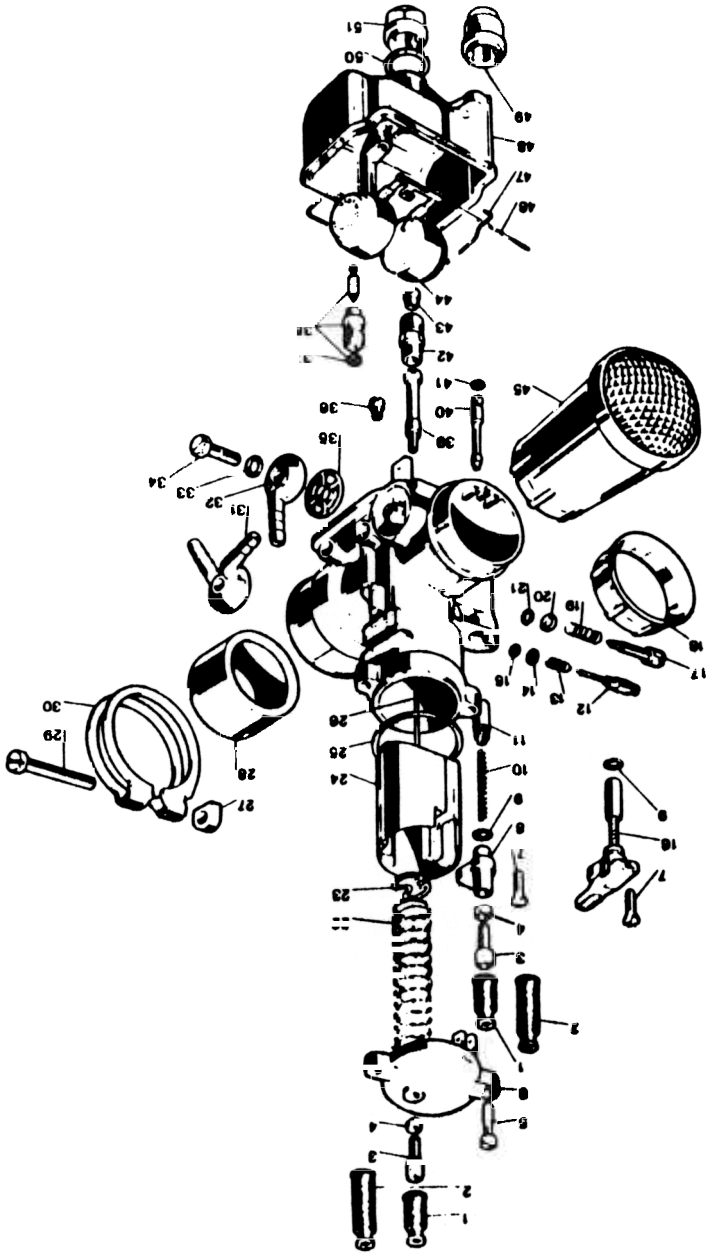




1	DE 0542	SCREW
2	DE 0520	COVER
3	DE 0535	PIN
4	DE 7415	SPRING
5	DE 0426	LEVER
6	DE 4968	PRIMER PIN
7	DE 4044	SPRING
8	DE 1493	CLIP
9	DE 0678	GASKET
10	DE 0260	WASHER
11	DE 7446	SPRING
12	DE 7449	SCREW
13	DE 7052	JET HOLDER
14	DE 0426	GASKET
15	DE 7673	SCREW
16	DE 4670	SPRING
17	DE 4650	WASHER
18	DE 7340	GASKET
19	DE 0558	VALVE
20	DE 6173	GASKET
21	DE 7051	JET
22	DE 0598	GASKET
23	DE 0539	SCREW
24	DE 0599	NUT
25	DE 0428	SCREW
26	DE 5011	LOCK WASHER
27	DE 0556	COVER
28	DE 7028	SPRING
29	DE 0555	DIAPHRAGM
30	DE 0540	NEEDLE JET
31	DE 0605	JET HOLDER
32	DE 6411	MAIN JET
33	DE 1476	RUBBER COVER
34	DE 1104	SCREW
35	DE 1691	NUT
36	DE 0899	TUBE
37	DE 6423	NUT
38	DE 0550	SPRING
39	DE 0525	CLIP
40	DE 0639	SLIDE
41	DE 0530	NEEDLE
42	DE 0633	GASKET
43	DE 0128	THREADED RING
44	DE 0596	INSULATING BUSHING
45	DE 0127	SCREW
46	DE 0528	CLAMP
47	DE 6109	FILTER
48	DE 6273	CONNECTOR
49	DE 4052	GASKET
50	DE 4568	SCREW
51	DE 0557	INTAKE VALVE
52	DE 1486	IDLE JET
53	DE 6288	GASKET
54	DE 0649	VALVE
55	DE 7450	FLOAT
56	DE 7346	FLOAT BOWL PIN
57	DE 7451	GASKET
58	DE 7881	FLOAT BOWL
59	DE 4057	GASKET
60	DE 0806	PLUG
61	DE 6551	PLUG

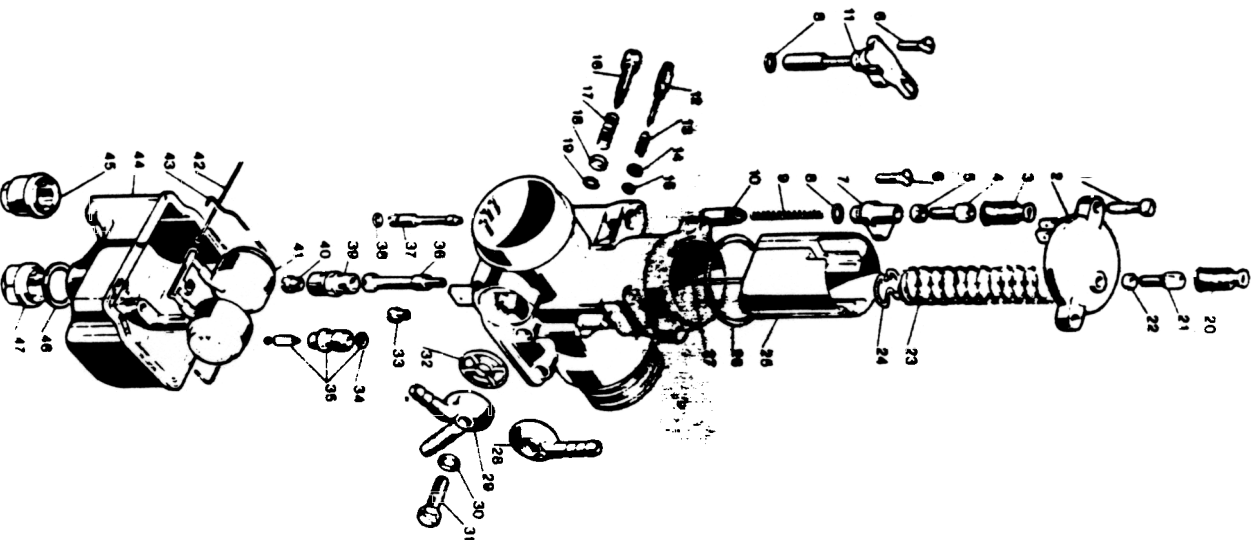


1	DE 0542	SCREW
2	DE 0520	COVER
3	DE 0535	PIN
4	DE 7415	SPRING
5	DE 0426	LEVER
6	DE 4968	PRIMER PIN
7	DE 4044	SPRING
8	DE 1493	CLIP
9	DE 0678	GASKET
10	DE 0260	WASHER
11	DE 7446	SPRING
12	DE 7449	SCREW
13	DE 7052	JET HOLDER
14	DE 0426	GASKET
15	DE 7673	SCREW
16	DE 4670	SPRING
17	DE 4650	WASHER
18	DE 7340	GASKET
19	DE 0558	VALVE
20	DE 6173	GASKET
21	DE 7051	JET
22	DE 0598	GASKET
23	DE 0539	SCREW
24	DE 0599	NUT
25	DE 0428	SCREW
26	DE 5011	LOCK WASHER
27	DE 0556	COVER
28	DE 7028	SPRING
29	DE 0555	DIAPHRAGM
30	DE 0540	NEEDLE JET
31	DE 0605	JET HOLDER
32	DE 6411	MAIN JET
33	DE 1476	RUBBER COVER
34	DE 1104	SCREW
35	DE 1691	NUT
36	DE 0899	TUBE
37	DE 6423	NUT
38	DE 0550	SPRING
39	DE 0525	CLIP
40	DE 0639	SLIDE
41	DE 0530	NEEDLE
42	DE 0633	GASKET
43	DE 0128	THREADED RING
44	DE 0596	INSULATING BUSHING
45	DE 0127	SCREW
46	DE 0528	CLAMP
47	DE 6109	FILTER
48	DE 6273	CONNECTOR
49	DE 4052	GASKET
50	DE 4568	SCREW
51	DE 0557	INTAKE VALVE
52	DE 1486	IDLE JET
53	DE 6288	GASKET
54	DE 0649	VALVE
55	DE 7450	FLOAT
56	DE 7346	FLOAT BOWL PIN
57	DE 7451	GASKET
58	DE 7881	FLOAT BOWL
59	DE 4057	GASKET
60	DE 0806	PLUG
61	DE 6551	PLUG

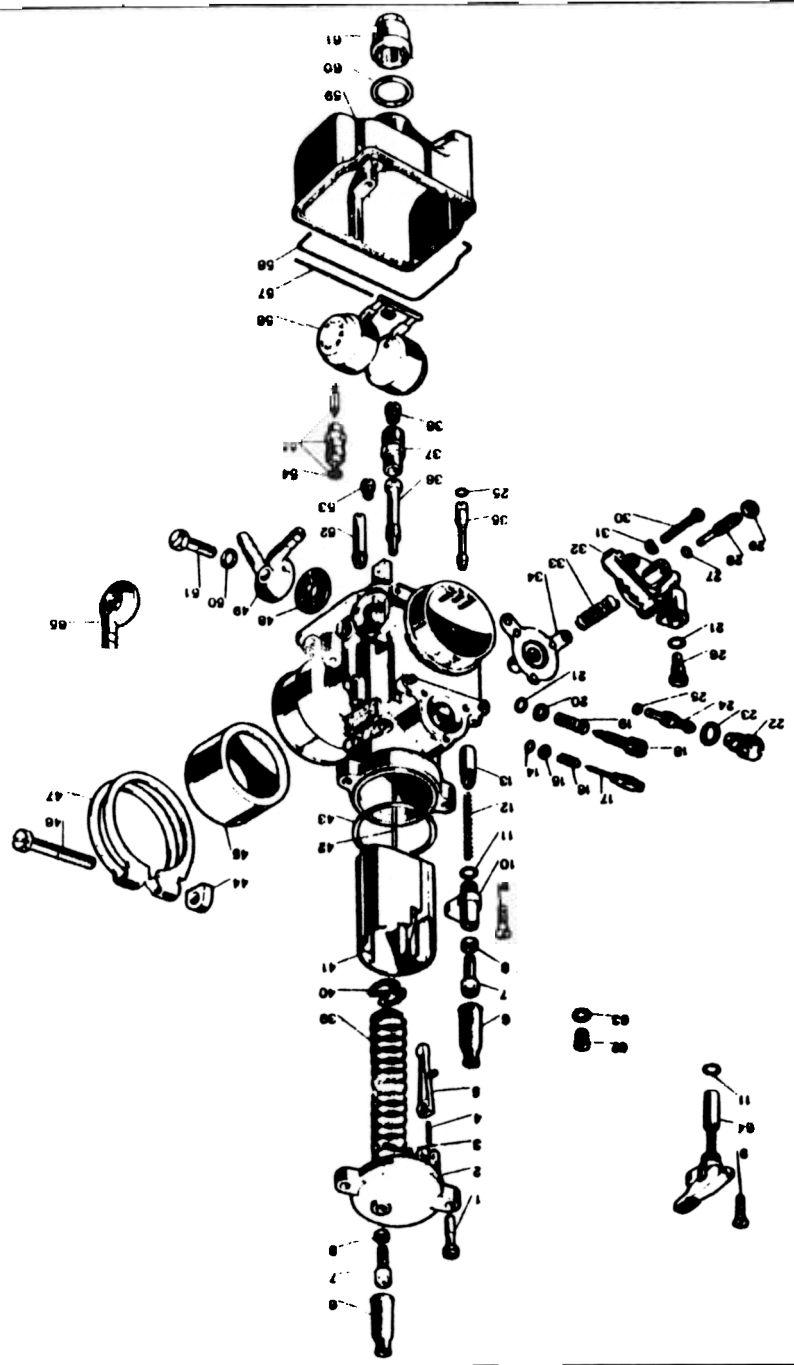


1	DE 1476	RUBBER COVER - L. 30
2	DE 8222	RUBBER COVER - L. 50
3	DE 1104	SCREW
4	DE 1691	NUT
5	DE 8542	SCREW
6	DE 8519	COVER
7	DE 7745	SCREW
8	DE 8295	COVER
9	DE 8297	GASKET
10	DE 4043	SPRING
11	DE 3238	VALVE
12	DE 7449	SCREW
13	DE 7446	SPRING
14	DE 8260	WASHER
15	DE 8678	GASKET
16	DE 8293	STARTER CPT.
17	DE 7673	SCREW
18	DE 8680	AIR HORN
19	DE 4670	SPRING
20	DE 4650	WASHER
21	DE 7540	GASKET
22	DE 8550	SPRING
23	DE 8525	CLIP
24	DE 8551	SLIDE
25	DE 8513	GASKET
26	DE 8530	NEEDLE - K TYPE
27	DE 8128	CLIP
28	DE 8595	INSULATION BUSHING
29	DE 8127	SCREW
30	DE 8527	THREADED RING
31	DE 7890	CONNECTOR
32	DE 6271	CONNECTOR
33	DE 4052	GASKET
34	DE 4568	SCREW
35	DE 6109	FILTER
36	DE 1486	IDLE JET
37	DE 6288	GASKET
38	DE 8649	VALVE
39	DE 8540	NEEDLE JET
40	DE 7746	STARTER JET
41	DE 6171	GASKET
42	DE 8552	JET HOLDER - FIG. 49
43	DE 6411	MAIN JET
44	DE 7450	FLOAT
45	DE 8670	AIR HORN
46	DE 7446	FLOAT BOWL PIN
47	DE 7451	GASKET
48	DE 7881	FLOAT BOWL
49	DE 8551	PLUG
50	DE 4057	GASKET
51	DE 8886	PLUG

CARBURATORI **DELL'ORTO** SERIE PHB...BD - PHB...BS (p diff. = 30-32-34-36)

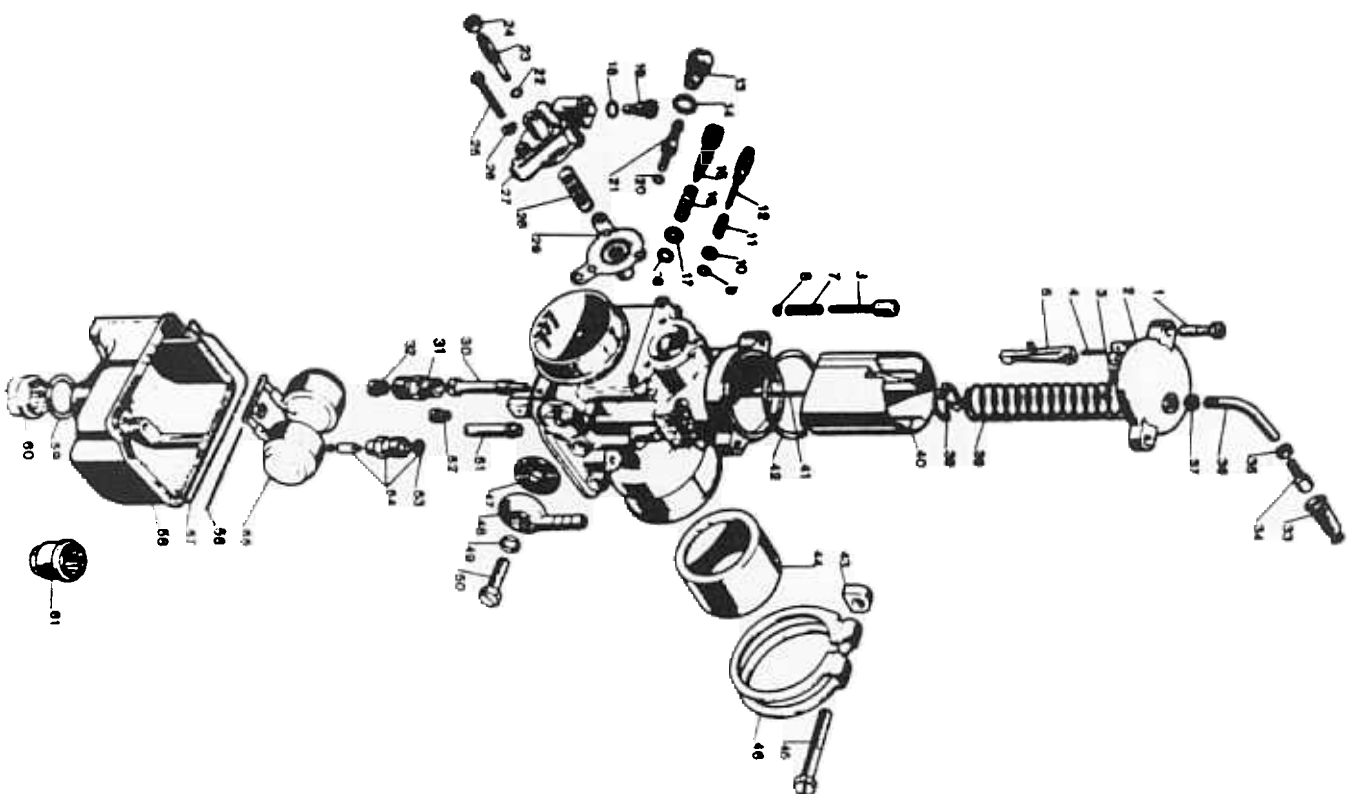


- | | | |
|----|---------|----------------------|
| 1 | DE 8542 | SCREW |
| 2 | DE 8519 | COVER |
| 3 | DE 1476 | RUBBER CAP |
| 4 | DE 1104 | SCREW |
| 5 | DE 1691 | NUT |
| 6 | DE 7745 | SCREW |
| 7 | DE 8295 | COVER |
| 8 | DE 8297 | GASKET |
| 9 | DE 4043 | SPRING |
| 10 | DE 3238 | VALVE |
| 11 | DE 8293 | STARTER CPT. |
| 12 | DE 7449 | SCREW |
| 13 | DE 7446 | SPRING |
| 14 | DE 8260 | WASHER |
| 15 | DE 8678 | GASKET |
| 16 | DE 7673 | SCREW |
| 17 | DE 4670 | SPRING |
| 18 | DE 4630 | WASHER |
| 19 | DE 7540 | GASKET |
| 20 | DE 1476 | RUBBER CAP |
| 21 | DE 1104 | SCREW |
| 22 | DE 1691 | NUT |
| 23 | DE 8530 | SPRING |
| 24 | DE 8525 | CLIP |
| 25 | DE 8553 | SLIDE |
| 26 | DE 8333 | GASKET - K TYPE |
| 27 | DE 8530 | NEEDLE |
| 28 | DE 6273 | CONNECTOR |
| 29 | DE 7890 | CONNECTOR |
| 30 | DE 4052 | GASKET |
| 31 | DE 4568 | SCREW |
| 32 | DE 6109 | FILTER |
| 33 | DE 1486 | INLET JET |
| 34 | DE 6288 | GASKET |
| 35 | DE 8649 | VALVE |
| 36 | DE 8540 | JET NEEDLE |
| 37 | DE 7746 | STARTER JET |
| 38 | DE 6173 | GASKET |
| 39 | DE 8552 | JET HOLDER - FIG. 45 |
| 40 | DE 8685 | JET HOLDER - FIG. 47 |
| 41 | DE 6413 | MAIN JET |
| 42 | DE 7450 | FLOAT BOWL PIN |
| 43 | DE 7346 | FLOAT BOWL |
| 44 | DE 7451 | GASKET |
| 45 | DE 7881 | FLOAT BOWL |
| 46 | DE 8551 | PLUG |
| 47 | DE 4057 | GASKET |
| 48 | DE 8886 | PLUG |



- | | | |
|----|---------|--------------------|
| 1 | DE 6542 | SCREW |
| 2 | DE 0319 | COVER |
| 3 | DE 0535 | PIN |
| 4 | DE 7415 | SPRING |
| 5 | DE 0522 | LEVER - Ø 30-32-34 |
| 6 | DE 0426 | LEVER - Ø 36 |
| 7 | DE 1104 | SCREW |
| 8 | DE 1691 | NUT |
| 9 | DE 7745 | SCREW |
| 10 | DE 0295 | COVER |
| 11 | DE 0297 | GASKET |
| 12 | DE 4043 | SPRING |
| 13 | DE 3238 | VALVE |
| 14 | DE 0678 | GASKET |
| 15 | DE 0260 | WASHER |
| 16 | DE 7446 | SPRING |
| 17 | DE 7449 | SCREW |
| 18 | DE 7673 | SCREW |
| 19 | DE 4670 | SPRING |
| 20 | DE 4650 | WASHER |
| 21 | DE 7540 | GASKET |
| 22 | DE 7052 | JET HOLDER |
| 23 | DE 0426 | GASKET |
| 24 | DE 7051 | JET |
| 25 | DE 0173 | GASKET |
| 26 | DE 0558 | VALVE |
| 27 | DE 0598 | GASKET |
| 28 | DE 0539 | SCREW |
| 29 | DE 0599 | NUT |
| 30 | DE 0428 | SCREW |
| 31 | DE 5011 | LOCK WASHER |
| 32 | DE 0556 | COVER |
| 33 | DE 7626 | SPRING |
| 34 | DE 0555 | DIAPHRAGM |
| 35 | DE 7746 | STARTER JET |
| 36 | DE 0540 | NEEDLE JET |
| 37 | DE 0552 | JET HOLDER |
| 38 | DE 0541 | MAIN JET |
| 39 | DE 0550 | SPRING |
| 40 | DE 0525 | CLIP |
| 41 | DE 0551 | SLIDE |
| 42 | DE 0510 | NEEDLE |
| 43 | DE 0511 | GASKET |
| 44 | DE 0128 | THREADED RING |
| 45 | DE 0595 | INSULATING BUSHING |
| 46 | DE 0127 | SCREW |
| 47 | DE 0527 | CLAMP |
| 48 | DE 0109 | FILTER |
| 49 | DE 7890 | TWO-WAY CONNECTOR |
| 50 | DE 4052 | GASKET |
| 51 | DE 4568 | SCREW |
| 52 | DE 0557 | INTAKE VALVE |
| 53 | DE 1486 | IDLE JET |
| 54 | DE 0288 | GASKET |
| 55 | DE 0649 | VALVE |
| 56 | DE 7450 | FLOAT |
| 57 | DE 7146 | FLOAT BOWL PIN |
| 58 | DE 7451 | GASKET |
| 59 | DE 7881 | FLOAT BOWL |
| 60 | DE 4057 | GASKET |
| 61 | DE 0551 | PLUG |
| 62 | DE 0679 | PLUG |
| 63 | DE 4711 | GASKET |
| 64 | DE 0291 | STARTER CPT. |
| 65 | DE 6273 | CONNECTOR |

CARBURATORI **DELL'ORTO** SERIE PHM... AD - PHM... AS (D diff. - 38 - 40)



- | | | |
|----|---------|--------------------|
| 1 | DE 8542 | SCREW |
| 2 | DE 8520 | COVER |
| 3 | DE 8535 | PIN |
| 4 | DE 7415 | SPRING |
| 5 | DE 8426 | LEVER |
| 6 | DE 4968 | PRIMER PIN |
| 7 | DE 4044 | SPRING |
| 8 | DE 1493 | CLIP |
| 9 | DE 8678 | GASKET |
| 10 | DE 8260 | WASHER |
| 11 | DE 7446 | SPRING |
| 12 | DE 7449 | SCREW |
| 13 | DE 7852 | JET HOLDER |
| 14 | DE 6426 | GASKET |
| 15 | DE 7673 | SCREW |
| 16 | DE 4670 | SPRING |
| 17 | DE 4650 | WASHER |
| 18 | DE 7540 | GASKET |
| 19 | DE 8558 | VALVE |
| 20 | DE 6173 | GASKET |
| 21 | DE 7851 | JET |
| 22 | DE 8598 | GASKET |
| 23 | DE 8539 | SCREW |
| 24 | DE 8599 | NUT |
| 25 | DE 8428 | SCREW |
| 26 | DE 5011 | LOCK WASHER |
| 27 | DE 8556 | COVER |
| 28 | DE 7626 | SPRING |
| 29 | DE 8555 | DIAPHRAGM |
| 30 | DE 8540 | NEEDLE JET |
| 31 | DE 8685 | JET HOLDER |
| 32 | DE 6413 | MAIN JET |
| 33 | DE 1476 | RUBBER COVER |
| 34 | DE 1104 | SCREW |
| 35 | DE 1691 | NUT |
| 36 | DE 8899 | TUBE |
| 37 | DE 6423 | NUT |
| 38 | DE 8550 | SPRING |
| 39 | DE 8525 | CLIP |
| 40 | DE 8639 | SLIDE |
| 41 | DE 8530 | NEEDLE |
| 42 | DE 8633 | GASKET |
| 43 | DE 8128 | THREADED RING |
| 44 | DE 8596 | INSULATING BUSHING |
| 45 | DE 8127 | SCREW |
| 46 | DE 8528 | CLAMP |
| 47 | DE 6109 | FILTER |
| 48 | DE 6273 | CONNECTOR |
| 49 | DE 4052 | GASKET |
| 50 | DE 4568 | SCREW |
| 51 | DE 8557 | INTAKE VALVE |
| 52 | DE 1486 | IDLE JET |
| 53 | DE 6268 | GASKET |
| 54 | DE 8649 | VALVE |
| 55 | DE 7450 | FLOAT |
| 56 | DE 7346 | FLOAT BOWL PIN |
| 57 | DE 7451 | GASKET |
| 58 | DE 7881 | FLOAT BOWL |
| 59 | DE 4057 | GASKET |
| 60 | DE 8886 | PLUG |
| 61 | DE 8551 | PLUG |

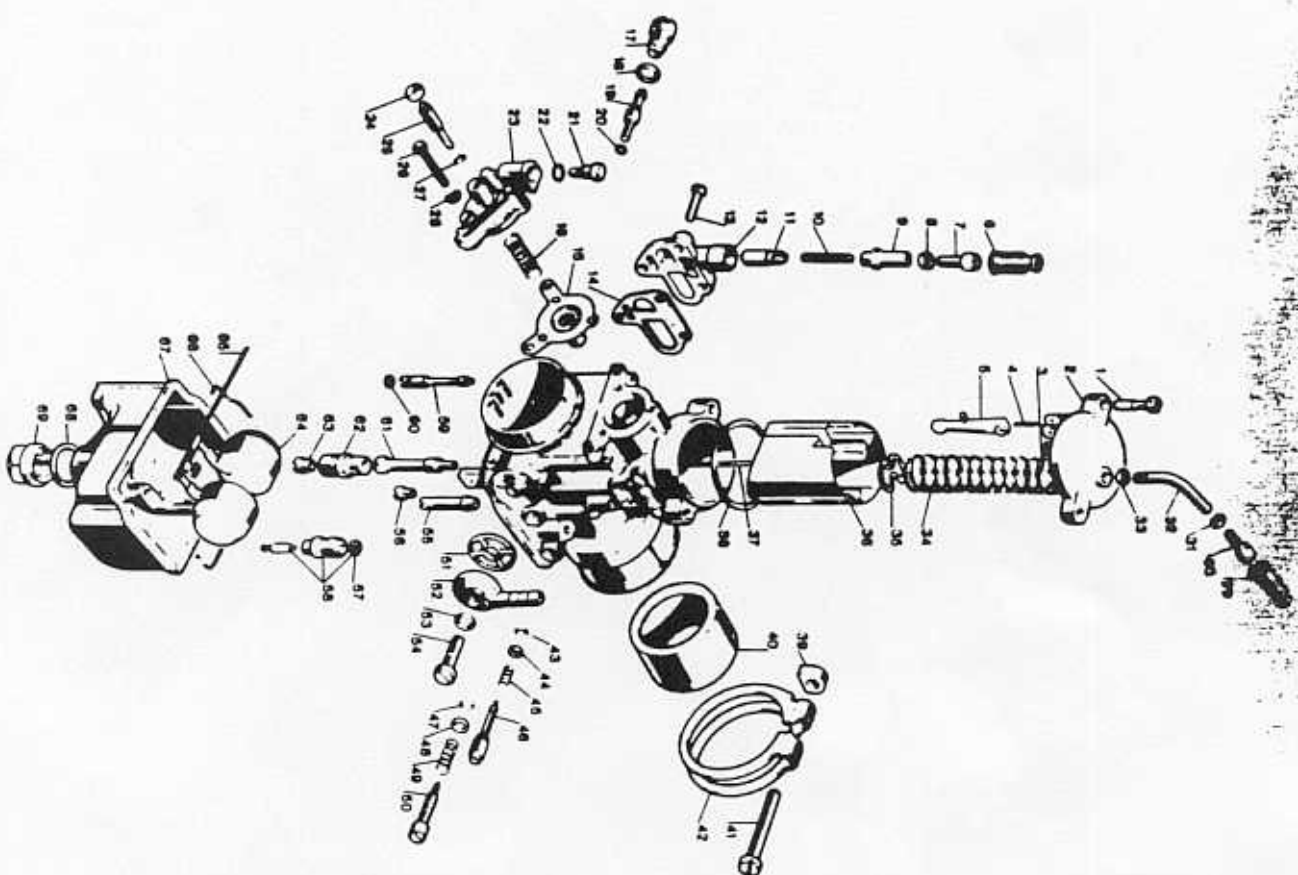
CARBURATOR

DELLERIO

SERIE

PHM...BD - PHM...BS (# diff. = 38 - 40)

(bMW)



1	DE 8542	SCREW
2	DE 8901	COVER
3	DE 8915	PIN
4	DE 7415	SPRING
5	DE 8425	LEVER
6	DE 1476	RUBBER CAP
7	DE 1104	SCREW
8	DE 1691	NUT
9	DE 3126	CAP
10	DE 3113	SPRING
11	DE 1238	VALVE
12	DE 8887	STARTER BODY
13	DE 8711	SCREW
14	DE 8688	GASKET
15	DE 8555	DIAPHRAGM
16	DE 7626	SPRING
17	DE 7652	JET HOLDER
18	DE 6426	GASKET
19	DE 7851	JET
20	DE 6173	GASKET
21	DE 8558	VALVE
22	DE 7540	GASKET
23	DE 8556	COVER
24	DE 8599	NUT
25	DE 8519	SCREW
26	DE 8428	SCREW
27	DE 8598	GASKET
28	DE 5011	LOCK WASHER
29	DE 1476	RUBBER CAP
30	DE 1575	SCREW
31	DE 1691	NUT
32	DE 8899	NUT
33	DE 6423	CABLE TUBE
34	DE 8512	SPRING
35	DE 8575	CLIP
36	DE 8639	SLIDE
37	DE 8510	NEEDLE - K TYPE
38	DE 8611	GASKET
39	DE 8128	THREADED RING
40	DE 8596	INSULATING RUSHING
41	DE 8127	SCREW
42	DE 8528	CLAMP
43	DE 8678	GASKET
44	DE 8260	WASHER
45	DE 7446	SPRING
46	DE 7449	SCREW
47	DE 7540	GASKET
48	DE 4650	WASHER
49	DE 4670	SPRING
50	DE 7673	SCREW
51	DE 6109	FILTER
52	DE 6273	CONNECTOR
53	DE 4052	GASKET
54	DE 4058	SCREW
55	DE 8557	INTAKE VALVE
56	DE 1486	IDLE JET
57	DE 6288	GASKET
58	DE 8849	VALVE
59	DE 7746	STARTER JET
60	DE 6173	GASKET
61	DE 8540	NEEDLE JET
62	DE 8865	JET HOLDER
63	DE 6413	MAIN JET
64	DE 7450	FLOAT
65	DE 7346	PIN
66	DE 7451	GASKET
67	DE 7661	FLOAT BOWL
68	DE 4057	GASKET
69	DE 8806	PLUG

TYPE OF CARBURETOR - PHM 34 AD AND AS
DIFFERENT SIZE COMPONENTS AVAILABLE

MAIN JET ... DE 6413-135
100 TO 220 - STEPS OF 5
IDLE JET ... DE 1486-65
40 TO 80 - STEPS OF 2
STARTER JET ... DE 7746-60
NEEDLE ... DE 8530-K3
NEEDLE ... DE 8530-K4
PUMP JET ... DE 7851-35
AB 260, AB 265
SLIDE ... DE 8540-AB 265
FUEL VALVE ... DE 8649-250
250, 300

TYPE OF CARBURETOR - PHM 38 AD AND AS
DIFFERENT SIZE COMPONENTS AVAILABLE

MAIN JET ... DE 6413-150
100 TO 220 - STEPS OF 5
IDLE JET ... DE 1486-60
STARTER JET ... NOT USED
NEEDLE ... DE 8530-K4
NEEDLE ... DE 8530-K4
PUMP JET ... DE 7851-35
AB 260, AB 265
SLIDE ... DE 8540-AB 265
FUEL VALVE ... DE 8649-300
250, 300

TYPE OF CARBURETOR - PHM 40 AD AND AS
DIFFERENT SIZE COMPONENTS AVAILABLE

MAIN JET ... DE 6413-160
100 TO 220 - STEPS OF 5
IDLE JET ... DE 1486-60
STARTER JET ... NOT USED
NEEDLE ... DE 8530-K4
NEEDLE ... DE 8530-K4
PUMP JET ... DE 7851-35
AB 260, AB 265
SLIDE ... DE 8540-AB 265
FUEL VALVE ... DE 8649-300
250, 300

TYPE OF CARBURETOR - PHM 36 BD AND BS (BMW)
DIFFERENT SIZE COMPONENTS AVAILABLE

MAIN JET ... DE 6413-133
100 TO 220 - STEPS OF 5
IDLE JET ... DE 1486-60
STARTER JET ... DE 7746-70
NEEDLE ... DE 8530-K4
NEEDLE ... DE 7851-35
PUMP JET ... DE 8540-AB 265
SLIDE ... DE 8639-60,1
FUEL VALVE ... DE 8649-300
250, 300

NOTE: EACH CARBURETOR IS SUPPLIED WITH
TUNING SPECIFICATIONS AS SHOWN ABOVE.
WHEN ORDERING, USE PART NUMBER AND
SIZE NUMBER.

COSMOPOLITAN MOTORS INC.
HATBORO, PA. 19040 (215) 672 - 9100

TYPE OF CARBURETOR - PHM 30 BD AND BS
DIFFERENT SIZE COMPONENTS AVAILABLE

MAIN JET ... DE 6413-160
100 TO 220 - STEPS OF 5
IDLE JET ... DE 1486-65
STARTER JET ... DE 7746-60
NEEDLE ... DE 8530-K1
PUMP JET ... NOT USED
NEEDLE JET ... DE 8540-AB 265
SLIDE ... DE 8533-60,1
FUEL VALVE ... DE 8649-250

TYPE OF CARBURETOR - PHM 34 BD AND BS
DIFFERENT SIZE COMPONENTS AVAILABLE

MAIN JET ... DE 6413-152
100 TO 220 - STEPS OF 5
IDLE JET ... DE 1486-35
STARTER JET ... DE 7746-60
NEEDLE ... DE 8530-K7
PUMP JET ... NOT USED
NEEDLE JET ... DE 8540-AB 265
SLIDE ... DE 8533-40,1
FUEL VALVE ... DE 8649-250

TYPE OF CARBURETOR - PHM 36 BD AND BS
DIFFERENT SIZE COMPONENTS AVAILABLE

MAIN JET ... DE 6413-135
100 TO 220 - STEPS OF 5
IDLE JET ... DE 1486-65
STARTER JET ... DE 7746-60
NEEDLE ... DE 8530-K3
PUMP JET ... NOT USED
NEEDLE JET ... DE 8540-AB 265
SLIDE ... DE 8533-40,1
FUEL VALVE ... DE 8649-250

TYPE OF CARBURETOR - PHM 30 AS AND AD
DIFFERENT SIZE COMPONENTS AVAILABLE

MAIN JET ... DE 6413-160
100 TO 220 - STEPS OF 5
IDLE JET ... DE 1486-65
STARTER JET ... DE 7746-60
NEEDLE ... DE 8530-K1
PUMP JET ... NOT USED
NEEDLE JET ... DE 8540-AB 265
SLIDE ... DE 8533-60,1
FUEL VALVE ... DE 8649-250

TYPE OF CARBURETOR - PHM 32 AS AND AD
DIFFERENT SIZE COMPONENTS AVAILABLE

MAIN JET ... DE 6413-170
100 TO 220 - STEPS OF 5
IDLE JET ... DE 1486-65
STARTER JET ... DE 7746-60
NEEDLE ... DE 8530-K1
PUMP JET ... NOT USED
NEEDLE JET ... DE 8540-AB 265
SLIDE ... DE 8533-60,1
FUEL VALVE ... DE 8649-250

TYPE OF CARBURETOR - PHM 32 AD AND AS
DIFFERENT SIZE COMPONENTS AVAILABLE

MAIN JET ... DE 6413-125
100 TO 220 - STEPS OF 5
IDLE JET ... DE 1486-65
STARTER JET ... DE 7746-60
NEEDLE ... DE 8530-K3
PUMP JET ... DE 7851-35
NEEDLE JET ... DE 8540-AB 265
SLIDE ... DE 8533-60,1
FUEL VALVE ... DE 8649-250

TYPE OF CARBURATOR -
VHB 20 BS AND BD

MAIN JET ... DE 6413-50
IDLE JET ... DE 1486-50
STARTER JET ... DE 7746-70
NEEDLE ... DE 2343-E 15
SLIDE ... DE 7447-50
NEEDLE JET ... DE 7684-260 S

DIFFERENT SIZE COMPONENTS
AVAILABLE

82 TO 220 - STEPS OF 5
35 TO 135 - STEPS OF 2
55, 60, 65, 70, 80, 82, 84, 85
E 6, E 8, E 10, E 11, E 12, E 13,
E 15, E 30,
258 S, 260 S, 262 S
50, 55

TYPE OF CARBURATOR -
VHB 22 BS AND BD

MAIN JET ... DE 6413-95
IDLE JET ... DE 1486-40
STARTER JET ... DE 7746-70
NEEDLE ... DE 2343-E 12
SLIDE ... DE 7447-50
NEEDLE JET ... DE 7684-260 S

DIFFERENT SIZE COMPONENTS
AVAILABLE

82 TO 220 - STEPS OF 5
35 TO 135 - STEPS OF 2
55, 60, 65, 70, 80, 82, 84, 85
E 6, E 8, E 10, E 11, E 12, E 13,
E 15, E 30,
258 S, 260 S, 262 S
50, 55

TYPE OF CARBURATOR -
VHB 25 BS AND BD

MAIN JET ... DE 6413-100
IDLE JET ... DE 1486-45
STARTER JET ... DE 7746-70
NEEDLE ... DE 2343-E 30
SLIDE ... DE 7447-50
NEEDLE JET ... DE 7684-260 S

DIFFERENT SIZE COMPONENTS
AVAILABLE

82 TO 220 - STEPS OF 5
35 TO 135 - STEPS OF 2
55, 60, 65, 70, 80, 82, 84, 85
E 6, E 8, E 10, E 11, E 12, E 13,
E 15, E 30,
258 S, 260 S, 262 S
50, 55

TYPE OF CARBURATOR -
VHB 29 AS AND AD

MAIN JET ... DE 6413-122
IDLE JET ... DE 1486-60
STARTER JET ... DE 7746-80
NEEDLE ... DE 7455-V 11
SLIDE ... DE 7454-60

DIFFERENT SIZE COMPONENTS
AVAILABLE

82 TO 220 - STEPS OF 5
35 TO 135 - STEPS OF 2
55, 60, 65, 70, 80, 82, 84, 85
V 10, V 11, V 12
258 P, 260 P, 262 P, 265 P
55, 60, 65