



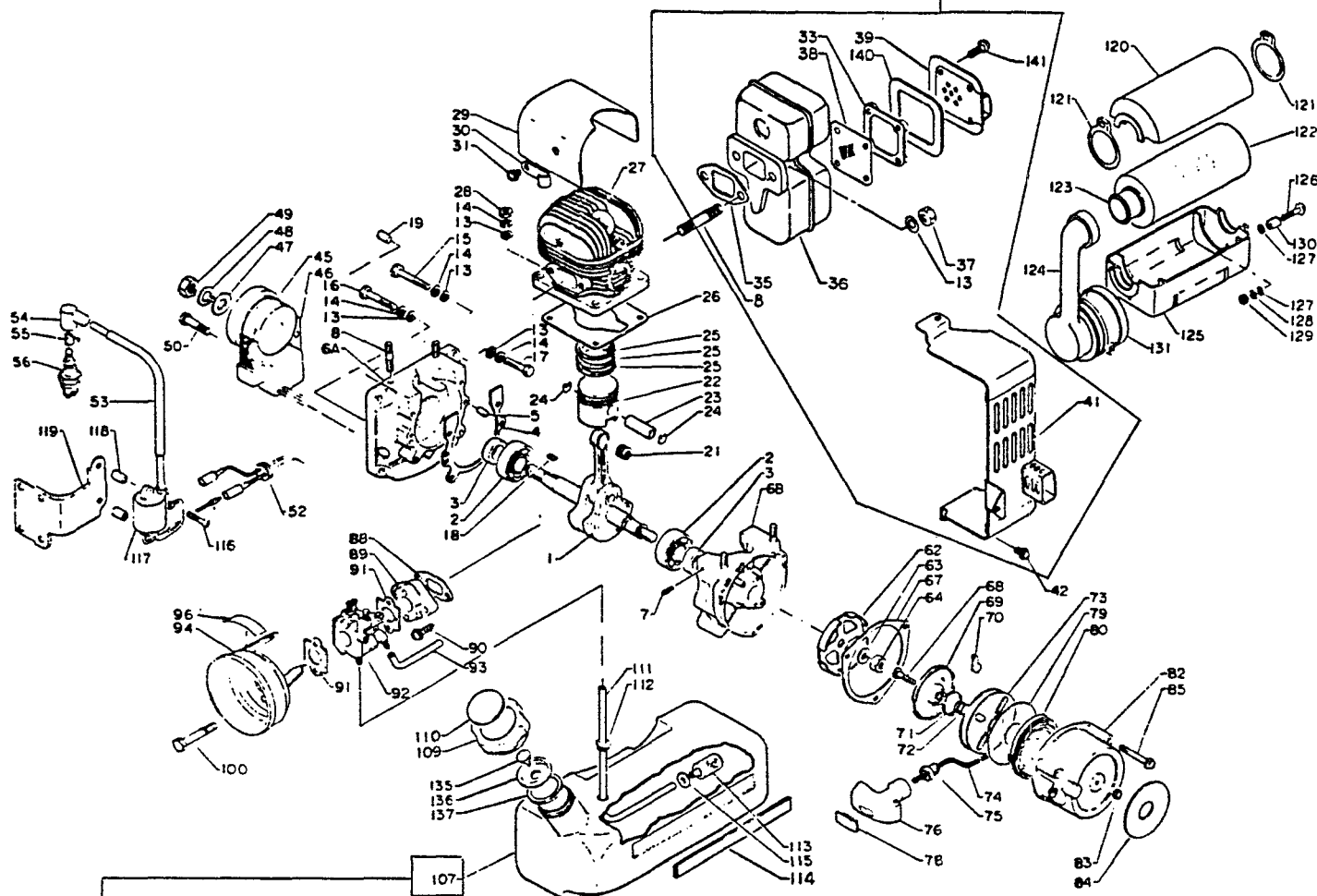
**POWER BLOWER  
PARTS CATALOG  
MODEL PB-400E**

**SERIAL NUMBER 001001 THRU 128095**

**ECHO, INCORPORATED  
400 OAKWOOD ROAD  
LAKE ZURICH, IL 60047**

**99922202225  
01/92**

# 1. PB-400E



REFER TO: PARTS BULL. 88-1, SERV. BULL. 88-2

| Key No. | Part Number     | Q'ty | Description           | Key No. | Part Number    | Q'ty | Description          |
|---------|-----------------|------|-----------------------|---------|----------------|------|----------------------|
| 1- 1    | 100 100-0111 0  | 1    | Crankshaft ass'y      | 1-27    | 101 000-0076 0 | 1    | Cylinder             |
| 2       | 900 810-3620 2  | 2    | Ball bearing 6202     | 28      | 900 500-0000 6 | 4    | Nut 6                |
| 3       | 100 213-0031 0  | 2    | Oil seal              | 29      | 101 514-0111 0 | 1    | Cylinder cover       |
| **4     | USE KIT         | 1    | Gasket, crankcase     | 30      | 159 110-0111 0 | 1    | Clamp                |
| 5       | 100 215-0283 0  | 2    | Knock pin             | 31      | 900 100-0601 0 | 2    | Bolt 6 x 10          |
| 6*      | 100 200-0076 0  | 1    | Crankcase set         | * 33    | 145 882-0076 1 | 1    | Seat, screen         |
| 7       | -130 113-1233 0 | 1    | Connector             | * 35    | 145 510-0076 1 | 1    | Gasket, muffler      |
| *8      | 100 254-0013 0  | 6    | Stud                  | * 36    | 145 806-0076 2 | 1    | Muffler              |
| 13      | 900 600-0000 6  | 14   | Washer 6              | * 37    | 900560 00006   | 2    | Lock nut 6           |
| 14      | 900 605-0000 6  | 12   | Spring washer 6       | * 38    | 145801 00761   | 1    | Screen               |
| 15,16   | 100244 01111    | 4    | Bolt                  | * 39    | 145863 02260   | 1    | Holder, screen       |
| 17      | 900 100-0602 5  | 4    | Bolt 6 x 25           | * 41    | 145 871-0076 3 | 1    | Muffler cover        |
| 18      | 100 142-0031 0  | 1    | Woodstuff key         | * 42    | 900 242-0501 2 | 2    | Screw 5 x 12 w/W, SW |
| 19      | 100 614-0211 0  | 1    | Plug                  | 45      | 150 801-0291 0 | 1    | Rotor                |
| 21      | 100 012-1233 0  | 1    | Needle bearing        |         |                |      |                      |
| 22      | 100 010-0111 0  | 1    | Piston                |         |                |      |                      |
| 23      | 100 013-0041 0  | 1    | Piston pin            |         |                |      |                      |
| 24      | 100 015-0012 0  | 2    | Circlip, piston pin   |         |                |      |                      |
| 25      | 100 011-0111 0  | 3    | Piston ring           |         |                |      |                      |
| ** 26   | 101010 01111    | 1    | Gasket, cylinder base |         |                |      |                      |

\*\* Use Gasket Kit, P/N 889000 02262

\*Refer to PartsBull. 88-1, Serv. Bull. 88-2,  
SERVICE BULLETIN 90-7

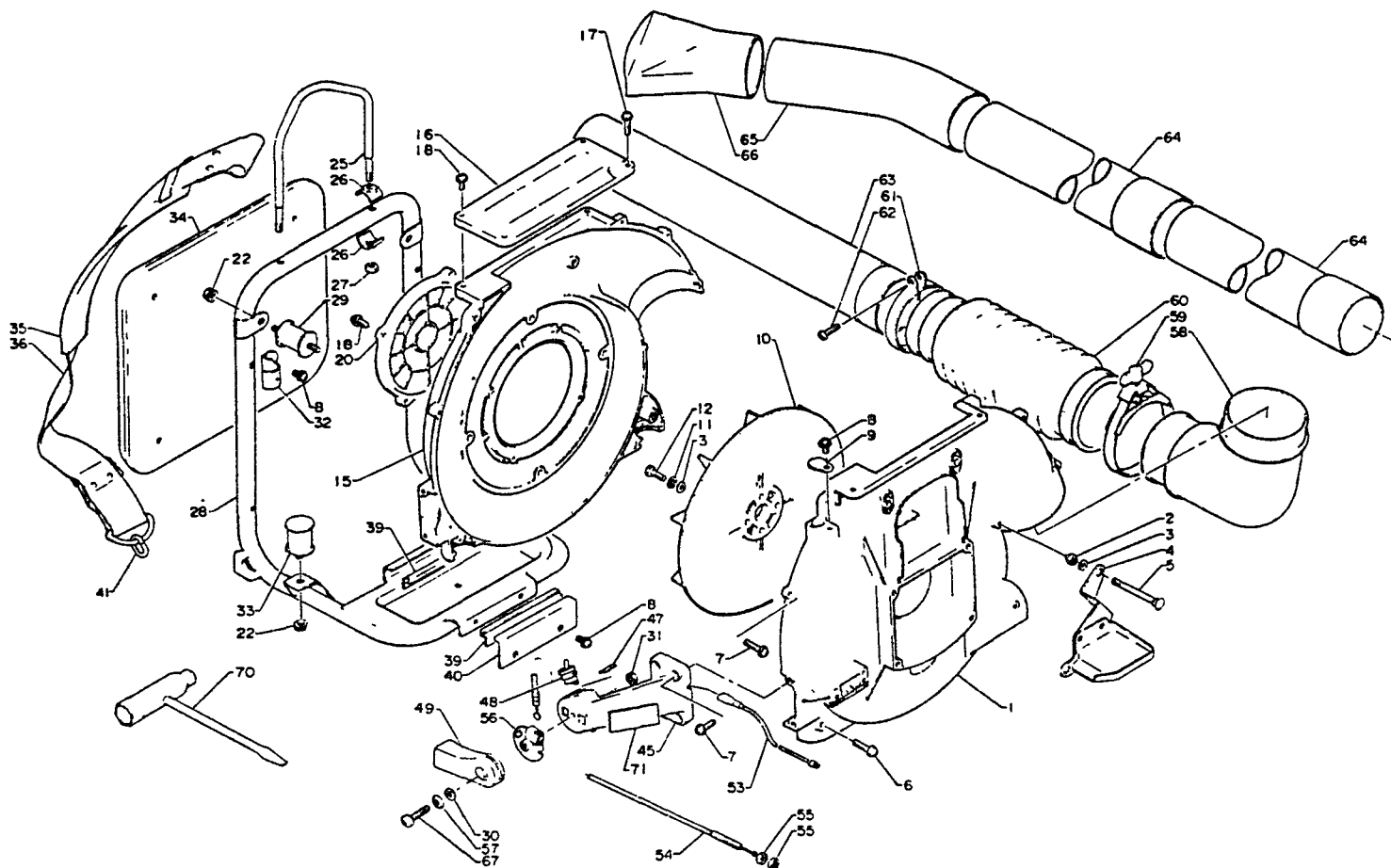
| Key No. | Part Number     | Q'ty | Description             | Key No. | Part Number     | Q'ty | Description          |
|---------|-----------------|------|-------------------------|---------|-----------------|------|----------------------|
| 46      | 150 601-0291 0  | 1    | C.D. Ignition module    | 1- 96   | 890 158-0076 0  | 1    | Decal, caution       |
| 47      | 100 136-0111 0  | 1    | Washer                  | 100     | 130021 00761    | 2    | Bolt                 |
| 48      | 100 133-0111 0  | 1    | Spring washer           | *107    | 131002 02260    | 1    | Fuel tank            |
| 49      | 100 134-0111 0  | 1    | Nut                     |         |                 |      |                      |
| 50      | 900 242-0502 5  | 2    | Screw 5 x 25 w/W, SW    |         |                 |      |                      |
| 52      | 150 614-0291 0  | 1    | Grommet                 | ***     | 131600 02260    | 1    | Cap ass'y, fuel tank |
| 53      | 150 111-0111 0  | 1    | Sleeve                  | 109     | -131604 07132   | 1    | Cap                  |
| 54      | 159 012-0162 0  | 1    | Cap, spark plug         | 110     | -890154 12730   | 1    | Decal, fuel mix      |
| 55      | 159-011-0051 0  | 1    | Coil spring, spark plug | 135     | -131 314-0033 0 | 1    | Check valve          |
| 56      | 159 010-0033 0  | 1    | Spark plug BM6A         | 136     | -131 015-0333 1 | 1    | Holder, valve        |
| 62      | 177 210-0091 0  | 1    | Washer                  | 137     | -131 016-0463 0 | 1    | Gasket               |
| 63      | 175 015-0012 0  | 1    | Washer                  |         |                 |      |                      |
| 64      | 100 147-0091 0  | 1    | Nut                     | 111     | 132 010-0076 0  | 1    | Fuel pipe            |
| 67      | 100 615-0111 0  | 1    | Gasket, starter case    | 112     | -132115 11131   | 1    | Grommet              |
|         |                 |      |                         | 113     | 131205 14930    | 1    | Fuel strainer        |
| *       | 177 200-0111 0  | 1    | Recoil starter ass'y    | 114     | 890 135-0076 0  | 1    | Decal, name          |
| 68      | -177 236-0111 0 | 1    | Screw                   | 115     | 900 603-0000 5  | 1    | Washer 5             |
| 69      | -177 211-0091 0 | 1    | Friction plate          | 116     | 900 242-0402 5  | 2    | Screw 4 x 25 w/W, SW |
| 70      | -177 218-0091 0 | 2    | Ratchet                 | 117     | 150 626-0291 0  | 1    | Ignition coil        |
| 71      | -177 234-0091 0 | 1    | Ratchet spring          | 118     | 159 313-0211 0  | 2    | Spacer               |
| 72      | -177 233-0091 0 | 1    | Spring                  | 119     | 159 310-0226 0  | 1    | Bracket              |
| 73      | -177 215-0111 0 | 1    | Recoil drum             | **      | 130 304-0076 1  | 1    | Air cleaner ass'y    |
| 74      | -177 226-0111 0 | 1    | Starter rope            | 120     | -130 326-0076 0 | 1    | Case, Upper          |
| 75      | -177 227-0122 0 | 1    | Rope guide              | 121     | -130 341-0076 0 | 2    | Clamp                |
| 76      | -177 228-0111 1 | 1    | Starter handle          | 122     | -130-317-0076 0 | 1    | Air filter           |
| 78      | -177 244-0111 0 | 1    | Cap, starter handle     | 123     | -130 311-0076 0 | 1    | Holder, airfilter    |
| 79      | -177 235-0091 0 | 1    | Side plate, starter     | 124     | -130 711-0076 1 | 1    | Adapter, intake      |
| 80      | -177 220-0111 0 | 1    | Rewinde spring          | 125     | -130 318-0076 0 | 1    | Case, Lower          |
| 82      | -177 232-0111 0 | 1    | Starter case            | 126     | -130 347-0076 1 | 2    | Bolt                 |
| 83      | -177 237-0111 0 | 1    | Cap nut 5               | 127     | -900 600-0000 5 | 4    | Washer 5             |
| 84      | 890118 49330    | 1    | Decal, ECHO             | 128     | -900 605-0000 5 | 2    | Spring washer 5      |
| 85      | 900 242-0504 2  | 3    | Screw, 5 x 42 w/W, SW   | 129     | -900 500-0000 5 | 2    | Nut 5                |
| 88      |                 | 1    | Gasket                  | 130     | -130 349-0076 0 | 2    | Spacer               |
| 89      | 130 007-0076 0  | 1    | Insulator               | 131     | -130 713-0076 0 | 1    | Clamp                |
| 90      | 900 242-0602 5  | 2    | Screw 6 x 25 w/W, SW    | *140    | 145 866-0076 0  | 1    | Gasket               |
| 91      | 130016 06231    | 2    | Gasket                  | *141    | 900 242-0401 4  | 4    | Screw 4 x 14         |
| 92      | 123 000-0076 0  | 1    | Carburetor ass'y        |         |                 |      |                      |
| 93      | 130 110-0076 0  | 1    | Pipe                    |         |                 |      |                      |
| 94      | 130307 00762    | 1    | Cleaner case            |         |                 |      |                      |

## Remarks

- 6\* Consists of 6A, 6B and 7
- \* Consists of 68 thru 80, 82 and 83
- \*\* Consists of 120 thru 131
- \*\*\* Consists of 109, 110, 135 thru 137

\*REFER TO: PARTS BULL. 88-1, SERV. BULL. 88-2,  
SERV. BULL. 90-7

## 2. PB-400E



| Key No. | Part Number    | Q'ty | Description                   | Key No. | Part Number     | Q'ty | Description             |
|---------|----------------|------|-------------------------------|---------|-----------------|------|-------------------------|
| 2- 1    | 200 107-0076 0 | 1    | Fan case, recoil starter side | 2- 25   | 300 610-0076 0  | 1    | Arm                     |
| * 2     | 210 419-0111 0 | 2    | Cap nut 5                     | 26      | 300 612-0076 0  | 4    | Adapter                 |
| * 3     | 900 600-0000 5 | 6    | Washer 5                      | 27      | 300 613-0076 0  | 2    | Lock nut 6              |
| * 4     | 145 705-0076 1 | 1    | Bracket, muffler cover        | 28      | 300 005-0076 0  | 1    | Frame, back pack        |
| * 5     | 210 416-0111 0 | 2    | Bolt, blowing elbow           | 29      | 200 910-0111 0  | 2    | Cushion                 |
| 6       | 900 242-0502 5 | 2    | Screw 5 x 25 w/W, SW          | 30      | 900 600-0000 6  | 1    | Washer 6                |
| 7       | 900 242-0502 0 | 8    | Screw 5 x 20 w/W, SW          | 31      | 900 500-0000 6  | 1    | Nut 6                   |
| 8       | 900 242-0501 0 | 7    | Screw 5 x 10 w/W, SW          | 32      | 300 220-0076 0  | 4    | Bracket, cushion        |
| 9       | 200 136-0076 0 | 1    | Plug                          | 33      | 200 916-0111 0  | 2    | Cushion                 |
| 10      | 200 010-0111 0 | 1    | Fan                           | 34      | 300105 00761    | 1    | Cushion                 |
| 11      | 900 605-0000 5 | 4    | Spring washer 5               | •       | 300300 00761    | 2    | Band, back pack w/pad   |
| 12      | 900 100-0501 6 | 4    | Bolt 5 x 16                   | 35      | -300 322-0111 0 | 2    | Pad, back pack band     |
| 15      | 200 105-0076 1 | 1    | Fan case, operator side       | 36      | -300300 00761   | 2    | Band, back pack         |
| 16      | 200 140-0076 0 | 1    | Plate                         | * 39    | 131 920-0076 0  | 2    | Cushion, fuel tank      |
| 17      | 900 242-0602 0 | 1    | Screw 6 x 20 w/W, SW          | * 40    | 131 910-0076 0  | 1    | Bracket, fuel tank      |
| 18      | 900 242-0601 5 | 7    | Screw 6 x 15 w/W, SW          | 41      | 300 319-0161 0  | 2    | Hook                    |
| 20      | 200 124-0111 1 | 1    | Grid, fan case                | 45      | 178 122-0076 1  | 1    | Bracket, throttle lever |
| 22      | 900 515-0000 6 | 4    | Nut                           | 47      | 890 157-1113 0  | 1    | Decal, stop             |
|         |                |      |                               | 48      | 163 400-0452 1  | 1    | Switch                  |
|         |                |      |                               | 49      | 178 010-0066 1  | 1    | Throttle lever          |

\* REFER TO: PARTS BULL. 88-1, SERV. BULL. 88-2,  
SERV. BULL. 90-7

| Key No. | Part Number    | Q'ty | Description    | Key No.     | Part Number               | Q'ty | Description                |
|---------|----------------|------|----------------|-------------|---------------------------|------|----------------------------|
| 2- 53   | 150 621-0226 0 | 1    | Lead, switch   | 2- 62       | 900 220-0502 5            | 1    | Screw 5"x 2 5              |
| 54      | 178 001-0076 1 | 1    | Throttle cable | * 63        | 212 005-0066 0            | 1    | Straight pipe w/swivel     |
| 55      | 900 502-0000 6 | 2    | Nut 6          | * 64        | 21005 01060               | 2    | Straight pipe              |
| 56      | 178 123-0076 0 | 1    | Bracket        | * 65        | 210 023-0021 0            | 1    | Curved pipe                |
| 57      | 900607 0000 6  | 1    | Washer         | 70          | 895 410-0393 0            | 1    | Box wrench w/screw driver  |
| 58      | 210 011-0111 0 | 1    | Elbow          | 71          | 890168 00860              | 1    | Decal, Caution             |
| 67      | 900 220-0602 5 | 1    | Screw 6 x 25   | (Option) 66 | <del>210 031-0066 0</del> | 1    | <del>Fan head nozzle</del> |
| 59      | 210 407-0111 0 | 1    | Clamp          | 74          | 890138 00760              | 2    | DECAL, ECHO                |
| 60      | 210 012-0111 0 | 1    | Flexible pipe  | 75          | 890176 00760              | 1    | DECAL, NOISE               |
| 61      | 210400 01110   | 1    | Clamp          |             |                           |      |                            |

**Remarks**

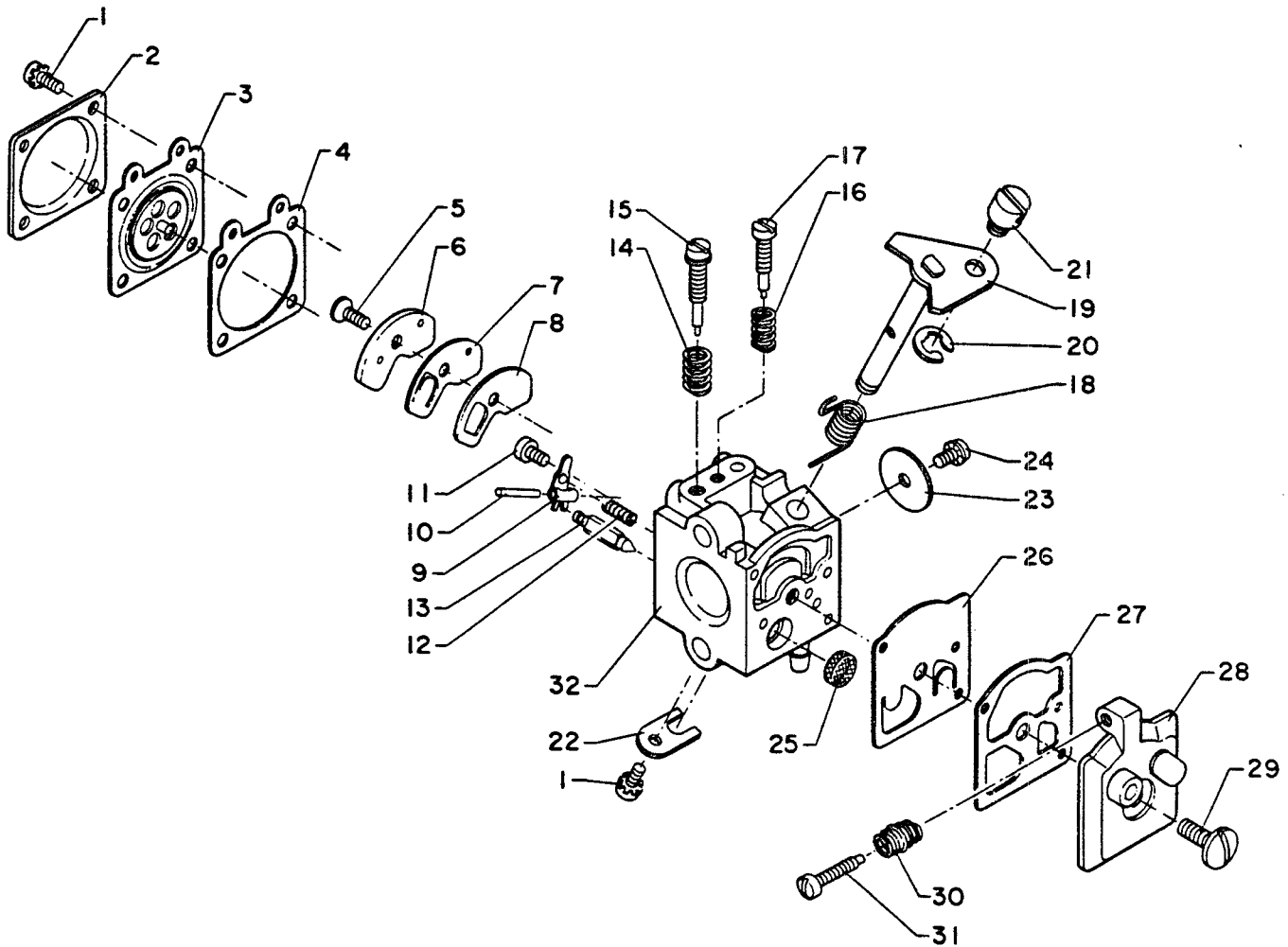
- \* Consists of 35 and 36

\*REFER TO PARTS BULL. 86-014 for Twist Lock Pipes.

ACCESSOIRES

|              |                    |
|--------------|--------------------|
| PBAV-400     | PBAV Vacuum        |
| 1960001      | PBAV Bag Only      |
| PBAM-400E    | PBAM-400E Mister   |
| 999441 00010 | Rain Gutter Kit    |
| 999441 00020 | Blower Tube Handle |

### 3. PB-400E



| Key No. | Part Number           | Q'ty     | Description                | Key No. | Part Number     | Q'ty | Description            |
|---------|-----------------------|----------|----------------------------|---------|-----------------|------|------------------------|
| 3- *    | <b>123 000-0076 0</b> | <b>1</b> | <b>Carburetor ass'y</b>    | 3-20    | -123 127-1063 0 | 1    | Clip                   |
| 1       | A                     | 5        | Screw                      | 21      | -123 172-0432 0 | 1    | Swivel                 |
| 2       | -123 142-0393 0       | 1        | Cover, metering diaphragm  | 22      | -123 127-0393 0 | 1    | Clip, throttle shaft   |
| 3       | A B                   | 1        | Diaphragm, metering        | 23      | -123 116-0393 0 | 1    | Valve, throttle        |
| 4       | A B                   | 1        | Gasket, metering diaphragm | 24      | -123 114-0393 0 | 1    | Screw, throttle valve  |
| 5       | A                     | 1        | Screw, circuit plate       | 25      | A               | 1    | Screen, inlet          |
| 6       | -123 166-0393 0       | 1        | Plate, circuit             | 26      | A B             | 1    | Diaphragm, fuel pump   |
| 7       | A B                   | 1        | Diaphragm, circuit plate   | 27      | A B             | 1    | Gasket, fuel pump      |
| 8       | A B                   | 1        | Gasket, circuit plate      | 28      | -123 124-0076 0 | 1    | Cover, fuel pump       |
| 9       | A                     | 1        | Lever, metering            | 29      | -123 110-0393 0 | 1    | Screw, pump cover      |
| 10      | A                     | 1        | Pin, metering lever        | 30      | -123 133-1113 0 | 1    | Spring, idle screw     |
| 11      | A                     | 1        | Screw, metering lever pin  | 31      | -123 134-0653 0 | 1    | Screw, idle adjustment |
| 12      | A                     | 1        | Spring, metering lever     | 32      | -not available  | 1    | Body ass'y carburetor  |
| 13      | A                     | 1        | Valve, inlet needle        |         |                 |      |                        |
| 14      | A                     | 1        | Spring, H.S. needle        |         |                 |      |                        |
| 15      | -123 120-0076 0       | 1        | Needle, high speed         |         |                 |      |                        |
| 16      | A                     | 1        | Spring, idle needle        |         |                 |      |                        |
| 17      | -123 118-0442 0       | 1        | Needle, idle               |         |                 |      |                        |
| 18      | -123 113 375 30       | 1        | Spring, throttle return    |         |                 |      |                        |
| 19      | -123 117-0502 0       | 1        | Shaft ass'y throttle       |         |                 |      |                        |

#### Remarks

- Consists of 1 thru 32

A-KWIK KIT 123 100-0493 0

B-DIAPHRAGM KIT 123 101-0393 0