

# POWER PUNCH PARTS LIST



Figure 5.1 - Schematic Diagram

Figure 8.1 External Components

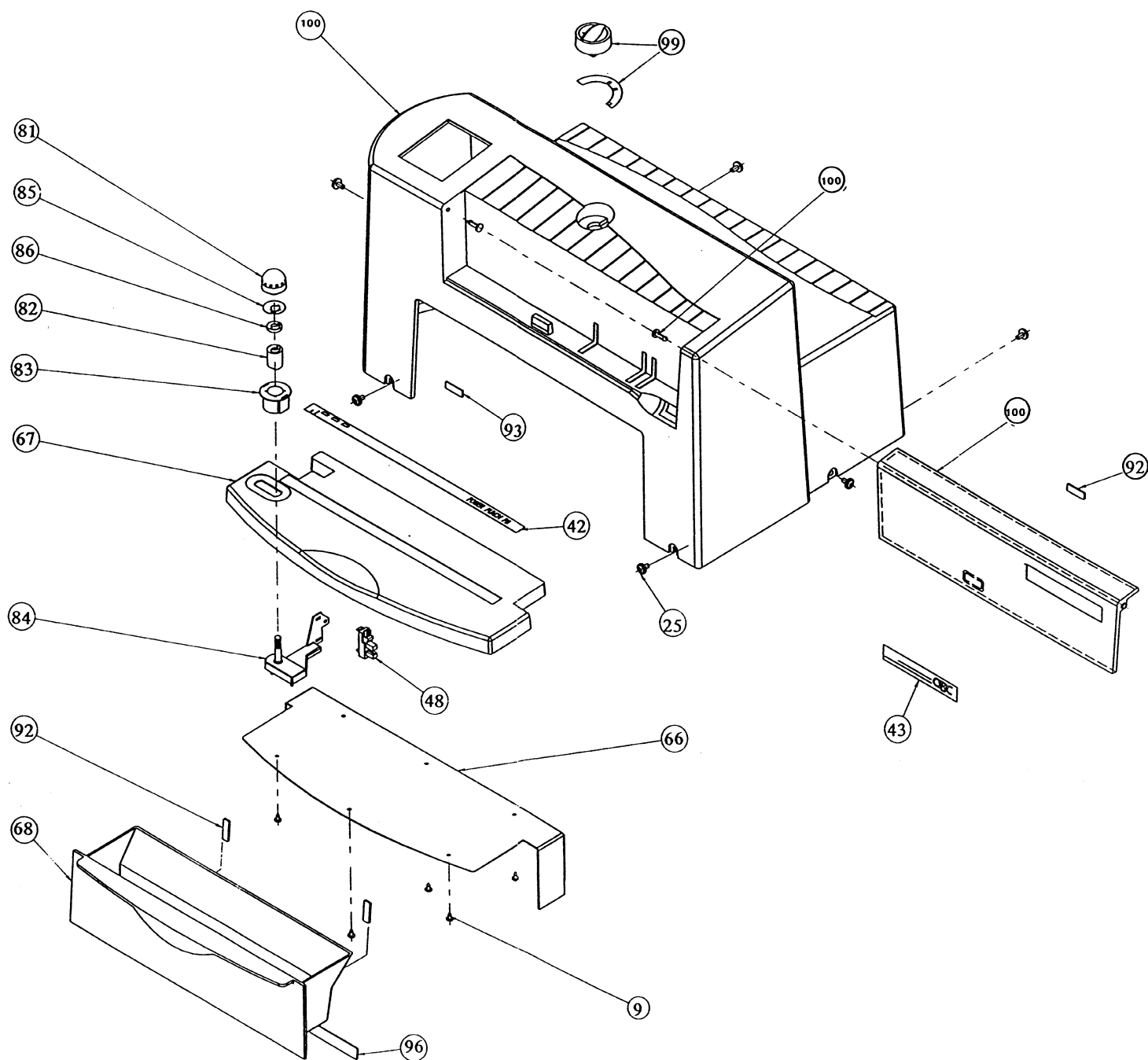
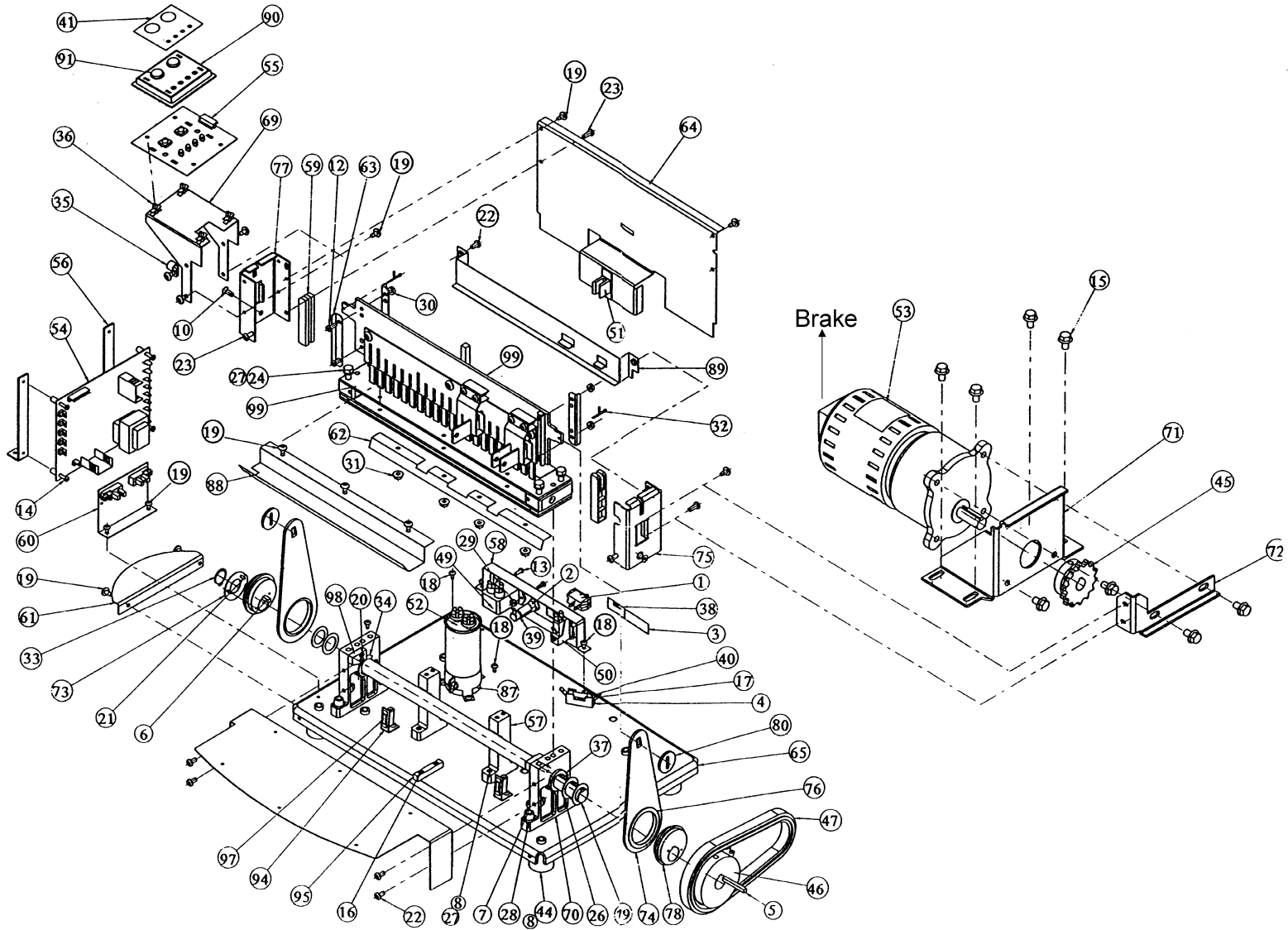


Figure 8.2 - Internal Components



## Power Punch Parts List 8-1 (reference Fig. 5.1, 8.1 & 8.2)

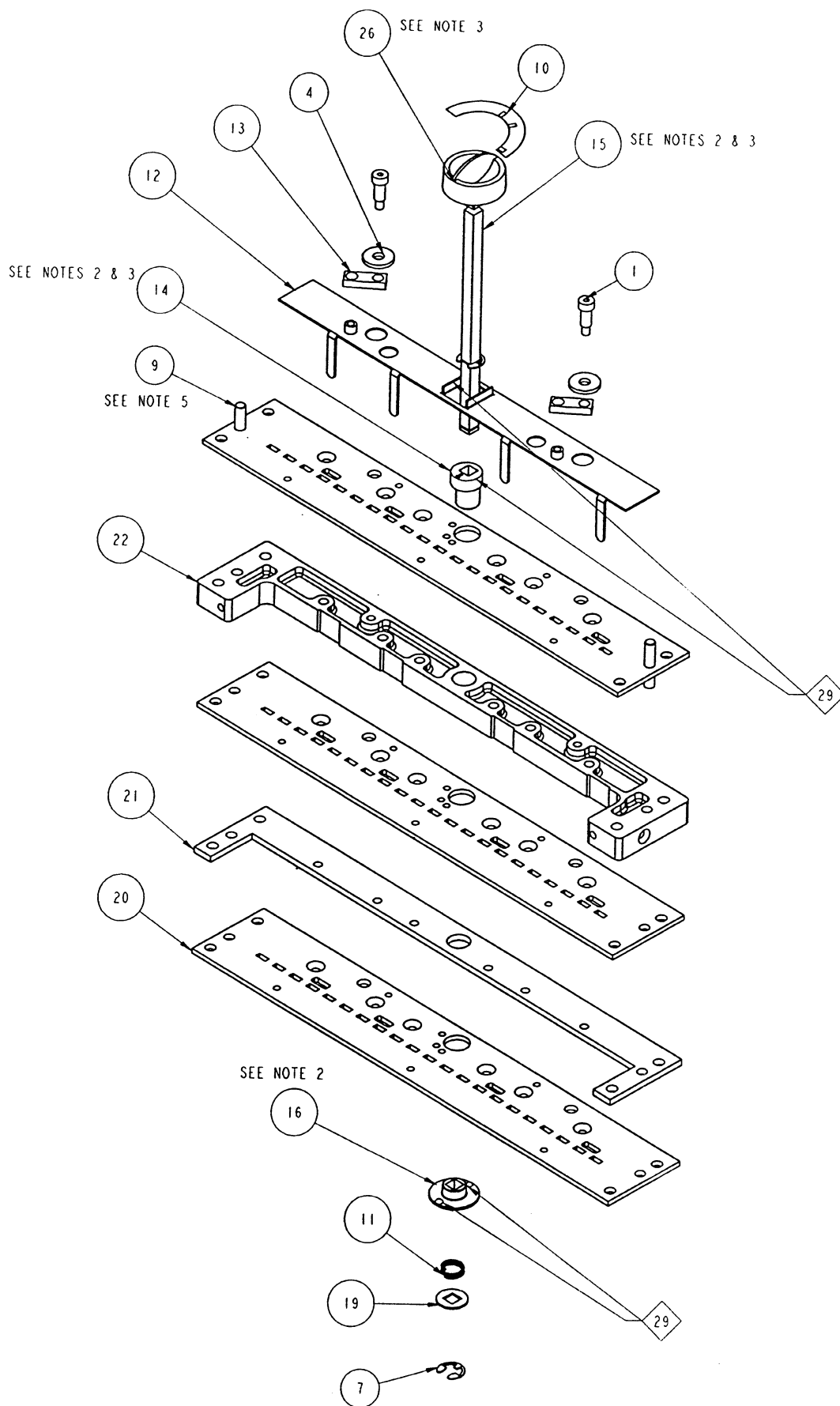
| Item | Part No. | Description                     | 115V Qt |
|------|----------|---------------------------------|---------|
| 1    | 1132274  | SWITCH, ROCKER                  | 1       |
| 2    | 1132343  | FUSE HOLDER                     | 1       |
| 3    | 1132471  | LABEL, ON/OFF                   | 1       |
| 4    | 1154338  | FUSE HOLDER, 100mAMP            | 1       |
| 5    | 1852803  | KEY 3/16 SQUARE x 1.5           | 1       |
| 6    | 1852807  | KEY 3/16 SQUARE x .5            | 1       |
| 7    | 1900509  | SCREW 5/16-18x1.0 SOCKET HD     | 4       |
| 8    | 1900510  | SCREW 1/4-20 x .75 SOCKET HD    | 8       |
| 9    | 1901204  | SCREW 6-18x5/16                 | 6       |
| 10   | 1902615  | SCREW 10-32x5/8 FLAT HEAD       | 2       |
| 11   | 1902628  | SCREW 10-32x1.50 FLAT HEAD      | 6       |
| 12   | 1902809  | SCREW 8-32x1/2 PAN HEAD         | 4       |
| 13   | 1902818  | SCREW 6-32x3/8 PAN HEAD         | 2       |
| 14   | 1902848  | SCREW 6-32x3/4 PAN HEAD         | 4       |
| 15   | 1903204  | SCREW 5/16-18x1/2 FLANGE HEAD   | 8       |
| 16   | 1907608  | SCREW 6-32x1/2 SELF CUT         | 2       |
| 17   | 1907803  | SCREW 6-32x3/8 PAN HD. THD. FRM | 1       |
| 18   | 1907808  | SCREW 8-32x5/16 THD CUTTING     | 12      |
| 19   | 1907809  | SCREW 10-32x3/8 SELF TAP        | 12      |
| 20   | 1907811  | SCREW 6-32x1/2 PN HD THD CUT    | 4       |
| 21   | 1907815  | SCREW 4-40x5/16 SELF TAP        | 2       |
| 22   | 1911102  | SCREW 10-32x3/8 (SEMS UNIT)     | 6       |
| 23   | 1911103  | SCREW 10-32x1/2 (SEMS UNIT)     | 4       |
| 24   | 1911201  | SCREW 1/4-20x1.5 HX HD SEMS     | 4       |
| 25   | 1922401  | SCREW 8-32x3/8 W/PLASTIC WASH   | 6       |
| 26   | 1925160  | FLAT WASHER, 3/4 ID             | 4       |
| 27   | 1926002  | SPLIT LOCKWASHER 1/4            | 8       |
| 28   | 1926011  | SPLIT LOCKWASHER 5/16           | 4       |
| 29   | 1926801  | NUT, KEPS #6-32                 | 2       |
| 30   | 1926802  | NUT, KEPS #8-32                 | 4       |
| 31   | 1926822  | NUT #10-32, FLANGE              | 4       |
| 32   | 1930201  | COTTER PIN .094 x 3/4 LONG      | 2       |
| 33   | 1930521  | RETAINING RING 3/4 DIA.         | 1       |
| 34   | 1930553  | RETAINING RING 3/4 DIA.         | 2       |
| 35   | 1931001  | CABLE CLAMP                     | 1       |
| 36   | 1951004  | STANDOFF, CONTROL PANEL         | 4       |
| 37   | 1952032  | BUSHING, COLLAR                 | 2       |
| 38   | 1963905  | LABEL, FUSE T3A 250V            | 1       |
| 39   | 1970120  | FUSE, 3 AMPS                    | 1       |
| 40   | 1970121  | FUSE, 100 mAMPS                 | 1       |
| 41   | 6009200  | LABEL, CONTROL PANEL            | 1       |
| 41   | 6009237  | LABEL, CONTROL PANEL PP-30      | 1       |
| 42   | 6009222  | LABEL, EDGE GUIDE               | 1       |
| 43   | 6009228  | LABEL, LOGO                     | 1       |
| 44   | 6176018  | RUBBER FOOT                     | 4       |
| 45   | 6181006  | SPROCKET, MOTOR (14 T)          | 1       |

# Power Punch Parts List 8-1 (reference Fig. 5.1, 8.1 & 8.2)

| Item | Part No.           | Description                     | 115V Qt                  |
|------|--------------------|---------------------------------|--------------------------|
| 46   | 6181007            | SPROCKET, PUNCH (21 T)          | 1                        |
| 47   | 6186002            | CHAIN                           | 1                        |
| 49   | 6195001            | SOCKET, POWER LINE, RFI FILTER  | 1                        |
| 50   | 6202046            | SWITCH, PNEUMATIC               | 1                        |
| 51   | 6202049            | SWITCH, TRAY INTERLOCK          | 1                        |
| 52   | 6205030            | CAPACITOR, 35uF                 | 1                        |
| 53   | 7704442 (115 VAC)  | GEARMOTOR                       | 1 6208065 - 230 V MTR    |
| 54   | 7702816            | P.C. BOARD ASSY 115VAC          | 1 7702966 - P.C.B. 230 V |
| 55   | 7702817            | PC BOARD, CONTROLS              | 1                        |
| 56   | 7702830            | BRACKET, P.C. BOARD             | 2                        |
| 57   | 7702831            | DIE SUPPORT                     | 2                        |
| 58   | 7702837            | BRACKET, ELECTRICAL PANEL       | 1                        |
| 59   | 7702838            | SLIDE, NYLATRON                 | 2                        |
| 60   | 7702839            | BRACKET, OPTICAL SENSOR         | 1                        |
| 61   | 7702840            | FILLER, HOUSING                 | 1                        |
| 62   | 7702843            | CHIP DEFLECTOR                  | 1                        |
| 63   | 7702844            | GUIDE, PRESSURE BAR             | 4                        |
| 64   | 7702845            | STIFFENER, BACK                 | 1                        |
| 65   | 7702846            | BASE, WELDED                    | 1                        |
| 66   | 7702850            | BRACKET, FEED TRAY              | 1                        |
| 67   | 7702851            | FEED TRAY                       | 1                        |
| 68   | 7702918            | CHIP TRAY                       | 1                        |
| 69   | 7702853            | BRACKET, CONTROL PANEL          | 1                        |
| 70   | 7702859            | FOOT, DIE SUPPORT               | 2                        |
| 71   | 7702861            | BRACKET, GEAR MOTOR             | 1                        |
| 72   | 7702862            | BRACE, GEAR MOTOR               | 1                        |
| 73   | 7702863            | DISC, ENCODER                   | 1                        |
|      | 7702906            | LEFT DRIVE LINK (item 74 & 76)  | 1                        |
|      | 7702907            | RIGHT DRIVE LINK (item 74 & 76) | 1                        |
| 74   | REF                | ROD, CONNECTING                 | 2                        |
| 75   | 7702867            | SLIDE SUPPORT, RIGHT            | 1                        |
| 76   | REF                | BUSHING, CONNECTING ROD         | 2                        |
| 77   | 7702869            | SLIDE SUPPORT, LEFT             | 1                        |
| 78   | 7702870            | CRANK                           | 2                        |
| 79   | 7702871            | SHAFT                           | 1                        |
| 80   | 7702872            | SPACER                          | 2                        |
| 81   | 7702876            | KNOB, EDGE GUIDE                | 1                        |
| 82   | 7702877            | INNER SPACER                    | 1                        |
| 83   | 7702878            | OUTER GUIDE                     | 1                        |
| 84   | 7702917 (ECO 9368) | SENSOR GUIDE                    | 1                        |
| 85   | 7702880            | INDEX WASHER, METAL             | 1                        |
| 86   | 7702881            | INDEX WASHER, PLASTIC           | 1                        |
| 87   | 7702885            | BRACKET, CAPACITOR              | 1                        |
| 88   | 7702886            | DEFLECTOR, FRONT                | 1                        |
| 89   | 7702889            | RETAINER, PUNCH PIN             | 1                        |

## Power Punch Parts List 8-1 (reference Fig. 5.1, 8.1 & 8.2)

| Item | Part No. | Description                   | 115V Qt |
|------|----------|-------------------------------|---------|
| 90   | 7702894  | BEZEL, P.C. BOARD             | 1       |
| 91   | 7702895  | BUTTON, SWITCH                | 2       |
| 92   | 7702896  | STRIKE PLATE, DOOR            | 3       |
| 93   | 7702897  | MAGNET, DOOR                  | 1       |
| 94   | 7702898  | BRACKET, MAGNET               | 2       |
| 95   | 7702899  | GUIDE, CHIP TRAY              | 1       |
| 96   | 7702904  | MAGNETIC STRIP                | 1       |
| 97   | 7702905  | MAGNET, CHIP TRAY             | 2       |
| 98   | 7702911  | GUIDE BLOCK                   | 2       |
| 99   | 7702912  | PUNCH PARTS PB                | 1       |
| 100  | 9700406  | Housing Assembly W2           | 1       |
| 101  | 1907811  | SCREW 6-32X1/2 PAN HD. THDCUT | 4       |
| 102  | 1956945  | L & T ASSY - BLUE             | 1       |
| 103  | 1956946  | L & T ASSY - BLACK            | 2       |
| 104  | 1956947  | L & T ASSY - RED              | 1       |
| 105  | 1956948  | L & T ASSY - GRN/YEL          | 1       |
| 106  | 1956981  | L & T ASSY - BLUE             | 1       |
| 107  | 1957452  | L & T ASSY - WHITE            | 1       |
| 108  | 1957706  | L & T ASSY - BLK/YEL          | 1       |
| 109  | 1961503  | LUBRIPLATE                    | .01     |
| 110  | 1932121  | WIRE TIE                      | 4       |
| 111  | 7702903  | HARNESS                       | 2       |
| 115  | 7702893  | HARNESS, CONTROL PANEL        | 1       |
| 116  | 1956944  | L & T ASSY. - GRN/YEL         | 1       |
| 117  | 7702815  | SYSTEM SCHEMATIC 115VAC       | 1       |
|      | 6190011  | FOOT PEDAL                    | 1       |
|      | 6200001  | POWER CORD 115 VAC            | 1       |
|      | 7702938  | Wire harness Kit W 7 Sensor   |         |
|      | 9700422  | Housing Assy W 3              |         |
|      | 9700288  | Housing Assy C 4              |         |
|      | 9700403  | Pressure Bar W 2              |         |
|      | 7702860  | Pressure Bar PB               |         |



**Fig. 8.3**

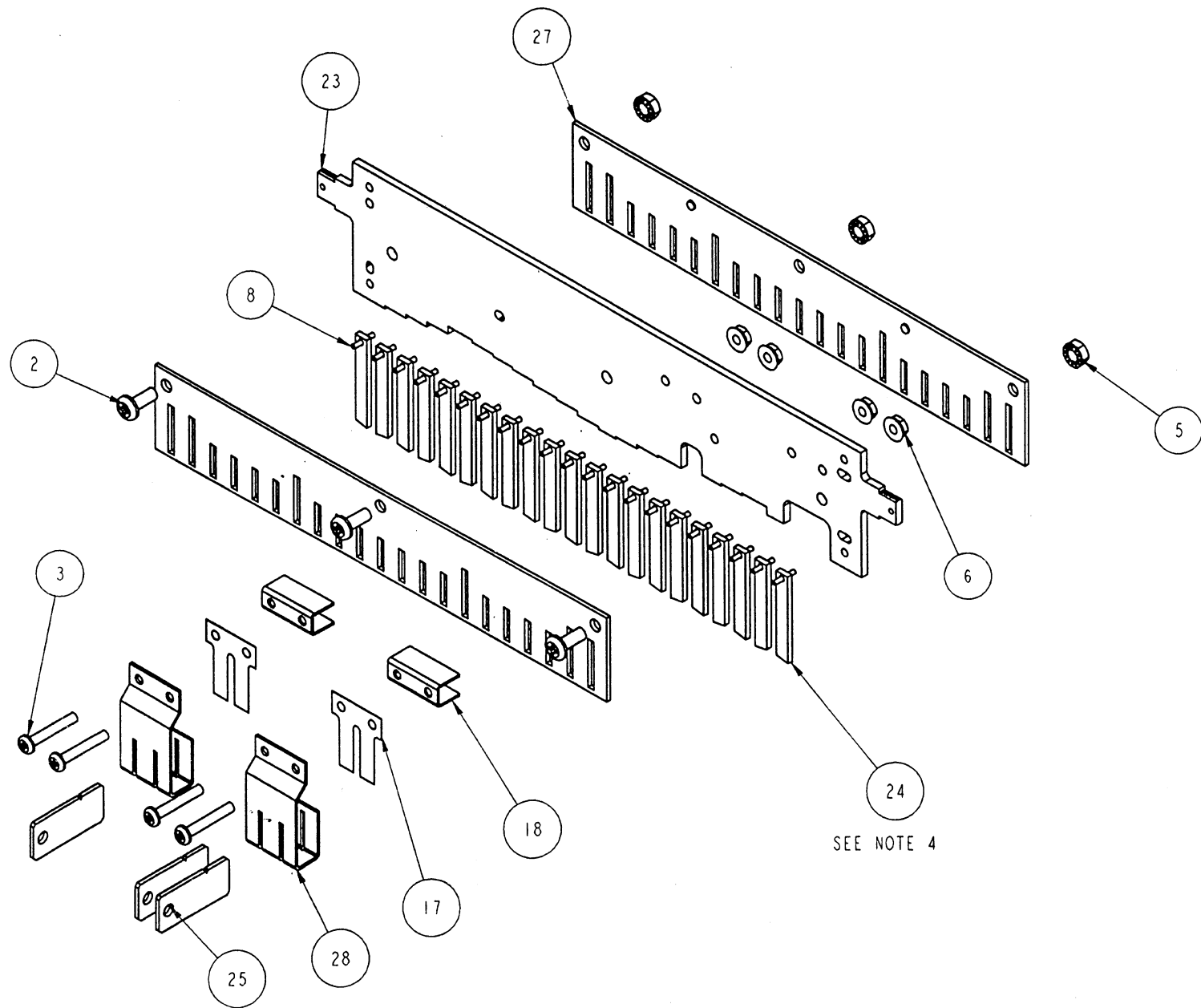


Fig. 8.4

## Power Punch Parts List 8-2 (reference Fig. 8.3 & 8.4)

| Item | Part No. | Description                         | 115V Qt |
|------|----------|-------------------------------------|---------|
| 1    | 1900827  | SCREW, SHLDR. 10-24x.500            | 2       |
| 2    | 1902801  | SCREW 1/4-20x5/8, PAN HEAD          | 3       |
| 3    | 1902826  | SCREW 10-32x1.25 PAN HEAD           | 4       |
| 4    | 1925038  | FLAT WASHER                         | 2       |
| 5    | 1926805  | NUT, KEPS, 1/4-20                   | 3       |
| 6    | REF      | NUT #10-32, FLANGE                  | 4       |
| 7    | 1930516  | RETAINING RING                      | 2       |
| 8    | REF      | SPIROL PIN .094 x 9/16              | 21      |
| 9    | REF      | DOWEL PIN 1/4 x 1-1/4               | 2       |
| 10   | 6009227  | LABEL, BACK GAUGE                   | 1       |
| 11   | REF      | SPRING, BACK GAGE                   | 1       |
| 12   | 7702832  | BACK GAGE                           | 1       |
| 13   | 7702833  | LINKAGE, BACK GAGE                  | 2       |
| 14   | 7702834  | CAM, BACK GAGE                      | 1       |
| 15   | 7702835  | SHAFT, BACK GAGE                    | 1       |
| 16   | 7702836  | LOCK, BACK GAGE                     | 1       |
| 17   | 7702841  | SPRING, SELECTOR PIN                | 2       |
| 18   | 7702842  | SPACER, SELECTOR PIN                | 2       |
| 19   | 7702848  | WASHER BACK GAGE                    | 1       |
|      | 7702908  | DIE SET ASSY. PB Version            | 1       |
|      |          | INCLUDES ITEMS 20, 21, 22, 9, 11, 6 |         |
| 20   | REF      | DIE PLATE                           | 3       |
| 21   | REF      | LOWER SPACER                        | 1       |
| 22   | REF      | UPPER SPACER                        | 1       |
| 23   | 7702860  | PRESSURE BAR                        | 1       |
|      |          | PUNCH PIN ASSY. PB version          | 21      |
|      |          | INCLUDES ITEMS 24 & 8 (21 ea.)      |         |
| 24   | REF      | PUNCH, RECT. MEDIUM                 | 21      |
| 25   | 7702873  | PIN, SELECTOR                       | 3       |
| 26   | 7702882  | KNOB, BACK GAGE                     | 1       |
| 27   | 7702884  | STRIPPER                            | 2       |
| 28   | 7702888  | GUIDE, SELECTOR PIN                 | 2       |
| 29   | 1961503  | LUBRIPLATE                          | .01     |