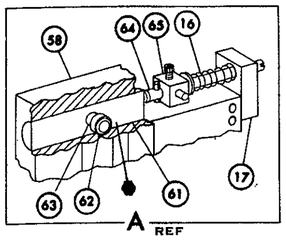
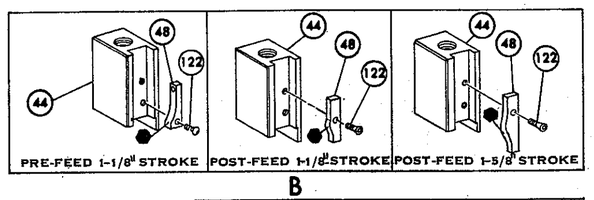
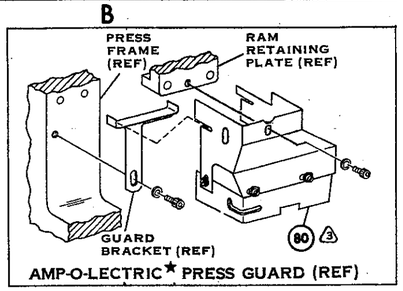
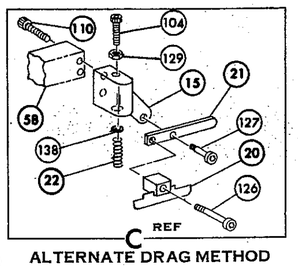
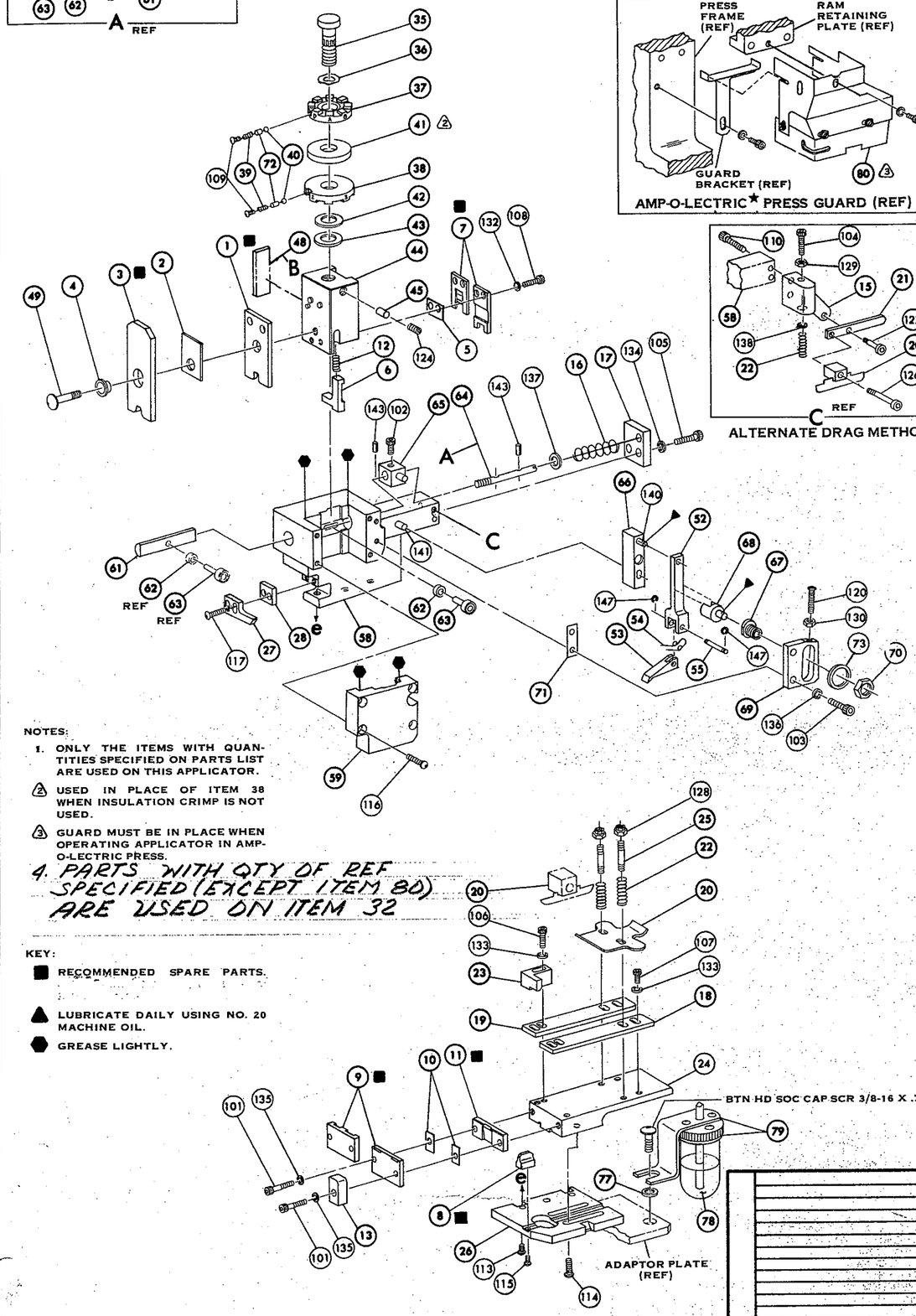
THIS DRAWING IS A CONTROLLED DOCUMENT.




NOTES:

1. ONLY THE ITEMS WITH QUANTITIES SPECIFIED ON PARTS LIST ARE USED ON THIS APPLICATOR.
2. USED IN PLACE OF ITEM 38 WHEN INSULATION CRIMP IS NOT USED.
3. GUARD MUST BE IN PLACE WHEN OPERATING APPLICATOR IN AMP-O-LECTRIC PRESS.
4. PARTS WITH QTY OF REF SPECIFIED (EXCEPT ITEM 80) ARE USED ON ITEM 32

KEY:

■ RECOMMENDED SPARE PARTS.

▲ LUBRICATE DAILY USING NO. 20 MACHINE OIL.

⬢ GREASE LIGHTLY.

★TRADEMARK OF AMP INCORPORATED

| REQ. | PART NO. | DESCRIPTION | NO. | REQ. | PART NO. | DESCRIPTION | NO. |
|---|---|---|---|---|---|---|---|
| | | | 162 | REF | 690517-1 | SPACER | 71 |
| | | | 161 | | 22594-8 | HEX. NUT | 70 |
| | | | 160 | | 240628-1 | PLATE, ADJ | 69 |
| | | | 159 | | 240626-1 | SHAFT, PIVOT | 68 |
| | | | 158 | | 240633-1 | BUSHING | 67 |
| | | | 157 | | 455680-1 | LEVER, INTERMEDIATE | 66 |
| | | | 156 | | 240629-1 | BLOCK, PIVOT | 65 |
| | | | 155 | | 240632-2 | SCREW, ADJ | 64 |
| | | | 154 | | 240659-3 | PIN, CAM ROLLER | 63 |
| | | | 153 | | 240658-1 | CAM, ROLLER | 62 |
| | | | 152 | REF | 454398-1 | ROD, FEED | 61 |
| | | | 151 | | | | 60 |
| | | | 150 | REF | 454220-1 | CAP, RAM | 59 |
| | | | 149 | REF | 453736-1 | HOUSING | 58 |
| | | | 148 | | | | 57 |
| REF | 21045-3 | RING, RETAINING 'C' (.187 DIA) FEED PIN | 147 | | | | 56 |
| | | | 146 | REF | 240624-1 | PIN, FEED FINGER | 55 |
| | | | 145 | REF | 691499-1 | SPRING, FEED FINGER | 54 |
| | | | 144 | REF | 240635-1 | FINGER, FEED | 53 |
| REF | 5- 21028-1 | PIN, SLOT SPG (.12 DIA x .50) FEED ADJ ROD | 143 | REF | 240634-1 | LEVER, TERMINAL | 52 |
| | | | 142 | | | | 51 |
| REF | 1- 21030-7 | PIN, DOWEL (.187 DIA x 1.50) HOUSING | 141 | | | | 50 |
| REF | 1- 21030-1 | PIN, DOWEL (.187 DIA x .50) LEVER | 140 | 1 | 7-21002-9 | BOLT, CRIMPER | 49 |
| | | | 139 | 1 | 690602-5 | CAM, PRE FEED 1- 1/8 STROKE | 48 |
| — | 22260-5 | WASH, FLAT (NO. 6) DRAG SPRING | 138 | | | | 47 |
| REF | 21899-4 | WASH, FLAT (NO. 5/16 DIA) SCR ADJ | 137 | | | | 46 |
| REF | 21024-5 | WASH, LOCK (NO. 10) FEED ADJ PLATE | 136 | 1 | 690191-1 | PLUG, NYLON | 45 |
| 2 | 21024-5 | WASH, LOCK (NO. 10) SHEAR PLATES | 135 | 1 | 455674-2 | RAM | 44 |
| REF | 21024-5 | WASH, LOCK (NO. 10) FEED ROD GUIDE | 134 | 1 | 690125-1 | WASHER, LAMINATED | 43 |
| 4 | 21024-4 | WASH, LOCK (NO. 8) STRIP GUIDE | 133 | 1 | 690124-1 | WASHER, RAM | 42 |
| 2 | 21024-4 | WASH, LOCK (NO. 8) SHEAR BLADE | 132 | 1 | 690223-1 | SPACER, DISC | 41 |
| 2 | 21019-4 | NUT, HEX MACH. (4-40) DRAG | 131 | 1 | 23241-6 | BALL, STEEL | 40 |
| REF | 21068-5 | NUT, HEX MACH (6-32) FEED ADJ PLATE | 130 | 1 | 690170-1 | SPRING, COMPRESSION | 39 |
| — | 21018-7 | NUT, HEX MACH (10-32) DRAG SPRING | 129 | | | DISC, INSULATION | 38 |
| 2 | 21022-2 | NUT, HEX SELF-LKG (8-32) DRAG STUDS | 128 | 1 | 2-455829-3 | DISC, WIRE | 37 |
| — | 5- 21004-7 | SCR, SKT HD SHLD (.250 DIA x .25) DRAG ARM | 127 | 1 | 22480-5 | WASHER, SPRING | 36 |
| — | 21004-5 | SCR, SKT HD SHLD (.250 DIA x 1.00) DRAG | 126 | 1 | 690212-1 | POST, RAM | 35 |
| 2 | 421078-8 | SCR, SKT SET OVAL PT. (4-40 x .75) DRAG | 125 | | | | 34 |
| 1 | 21009-2 | SCR, SKT SET (1/4-20 x 25) NYLOK RAM | 124 | | | | 33 |
| | | | 123 | 1 | 458980-1 | APPLICATOR, BASIC (SUB-ASSY) | 32 |
| 1 | 2- 21003-0 | SCR, FLAT HD SOC CAP (6-32 x .50) CAM | 122 | | | | 31 |
| | | | 121 | | | | 30 |
| REF | 3- 21064-2 | SCR, RDH HD MACH (6-32 x 1.50) FEED ADJ | 120 | | | | 29 |
| | | | 119 | 1 | 3-690451-2 | SPACER, STRIPPER | 28 |
| | | | 118 | 1 | 240639-1 | STRIPPER | 27 |
| 2 | 2-21002-2 | SCR, BTN HD SKT CAP (8-32 x .50) STRIPPER | 117 | REF | 455676-1 | PLATE, BASE | 26 |
| REF | 2- 21002-9 | SCR, BTN HD SKT CAP (10-32 x .75) HSG CAP | 116 | 2 | 223548-8 | DRAG, STUD | 25 |
| 1 | 22733-8 | SCR, BTN HD SKT CAP (8-32 x .38) NYLOK ANVIL | 115 | 1 | 455678-6 | PLATE, STRIP GUIDE | 24 |
| 4 | 3- 21002-3 | SCR, BTN HD SKT CAP (1/4-20 x .50) STR GDE PL | 114 | | | PLATE, STRIP HOLD | 23 |
| REF | 1-24073-9 | SCR, BTN HD SKT CAP (1/4-20 x .75) BASE PLATE | 113 | 2 | 4-22281-1 | SPRING, DRAG | 22 |
| | | | 112 | — | 240636-1 | LEVER, DRAG | 21 |
| | | | 111 | 1 | 454177-1 | DRAG, STOCK | 20 |
| — | 2- 21000-4 | SCR, SKT HD CAP (6-32 x 1.00) DRAG ADAPTOR | 110 | 1 | 458030-3 | GUIDE, STRIP REAR | 19 |
| 1 | 23030-1 | SCR, SKT HD CAP (6-32 x .25) NYLOK C. P. DISC | 109 | 1 | 458031-3 | GUIDE, STRIP FRONT | 18 |
| 2 | 2-21000-5 | SCR, SKT HD CAP (8-32 x .25) SHEAR BLADE | 108 | REF | 454178-1 | GUIDE, FEED ROD | 17 |
| 3 | 7-21000-4 | SCR, SKT HD CAP (8-32 x .31) STRIP GUIDE | 107 | REF | 4-22284-9 | SPRING, FEED RETURN | 16 |
| 1 | 7-21000-4 | SCR, SKT HD CAP (8-32 x .31) STRIP GUIDE | 106 | — | 454665-1 | ADAPTOR, DRAG | 15 |
| REF | 3- 21000-7 | SCR, SKT HD CAP (10-32 x .75) FD ROD GUIDE | 105 | | | | 14 |
| — | 3- 21000-9 | SCR, SKT HD CAP (10-32 x 1.00) DRAG SPRING | 104 | | | SPACER, HOLD DOWN | 13 |
| REF | 3- 21000-6 | SCR, SKT HD CAP (10-32 x .62) FD ADJ PLATE | 103 | | | SPRING, HOLD DOWN | 12 |
| REF | 3- 21000-4 | SCR, SKT HD CAP (10-32 x .38) PIVOT BLK | 102 | 1 | 691901-2 | PLATE, REAR SHEAR ■ | 11 |
| 2 | 3- 21000-8 | SCR, SKT HD CAP (10-32 x .88) SHEAR PLATES | 101 | 2 | 2-240645-1 | SPACER, SHEAR PLATE | 10 |
| REF | 455245-1 | GUIDE △3 | 80 | 1 | 690783-2 | PLATE, FRONT SHEAR ■ | 9 |
| — | 465184-9 | LUBRICATOR ASSY | 79 | 1 | 2-240654-7 | ANVIL ■ | 8 |
| — | 22014-1 | OIL SYNTHETIC | 78 | 1 | 691157-8 | BLADE, SLUG ■ | 7 |
| — | 454406-1 | SPACER, LUBRICATOR BRACKET | 77 | | | HOLD DOWN | 6 |
| | | | 76 | | | SPACER, SHEAR BLADE | 5 |
| | | | 75 | | | SPACER, TUBULAR, INS CRIMPER | 4 |
| | | | 74 | | | CRIMPER, INSULATION ■ | 3 |
| REF | 458109-1 | WASHER, FLAT (SPECIAL) | 73 | | | SPACER, INSULATION | 2 |
| 1 | 690603-1 | SPRING, ASSIST | 72 | 1 | 456407-3 | CRIMPER, WIRE ■ | 1 |

## CRIMPING DATA

| PAD LETTER | CRIMP HEIGHT | WIRE SIZE | WIRE STRIP LENGTH |
|---|---|---|---|
| A | .089 | 14 | |
| B | .079 | 16 | |
| C | .072 | 18 | |
| D | NOT | USED | |

| | SIZE | TYPE | FEED | PRESS REF. |
|---|---|---|---|---|
| CRIMP | | | | |
| WIRE | .100 | "F" | .350 | 565435-5 |
| INSULATION | — | — | | |

| INSULATION RANGE | WIRE RANGE | APPLICATOR INSTRUCTION |
|---|---|---|
| — | 14-18 | 408039 |

THIS APPLICATOR WILL APPLY: 60250

REMARKS: AMP-O-LECTRIC PRE-FEED

| LTR | REVISION RECORD | ECN | DR | CK | DATE |
|---|---|---|---|---|---|
| E1 | 0150-8600-98 | | EB | CE | 8-98 |
| E | 0150-6789-96 | | EB | | 4-96 |
| D | ECN A166688 | | NB | CE | 11-88 |
| C | REV. PER ECN R-3518 | | | | 2/84 |
| B | REV PER ECN | R3058 | RB | | 6-13-79 |
| A | REV PER ECN | R1847 | | | 6/12/76 |

SET UP GAGE 458638-1 | LAYOUT NO. 446 | DRAWN | APPROVED 9-7-73 | CHECKED 9-5-73 | REL. 9-7-73

AMP INCORPORATED HARRISBURG, PENNA.

SCALE NONE | LOC A | C | NO. 687924-2 | REV. E1

NAME: MINIATURE QUICK CHANGE APPLICATOR END-FEED ( RING )

CAGE CODE 00779 | CUSTOMER AND ASSEMBLY DRAWING | RESTRICTED TO

687924-2

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PRINT 6 of 6

3076-1

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