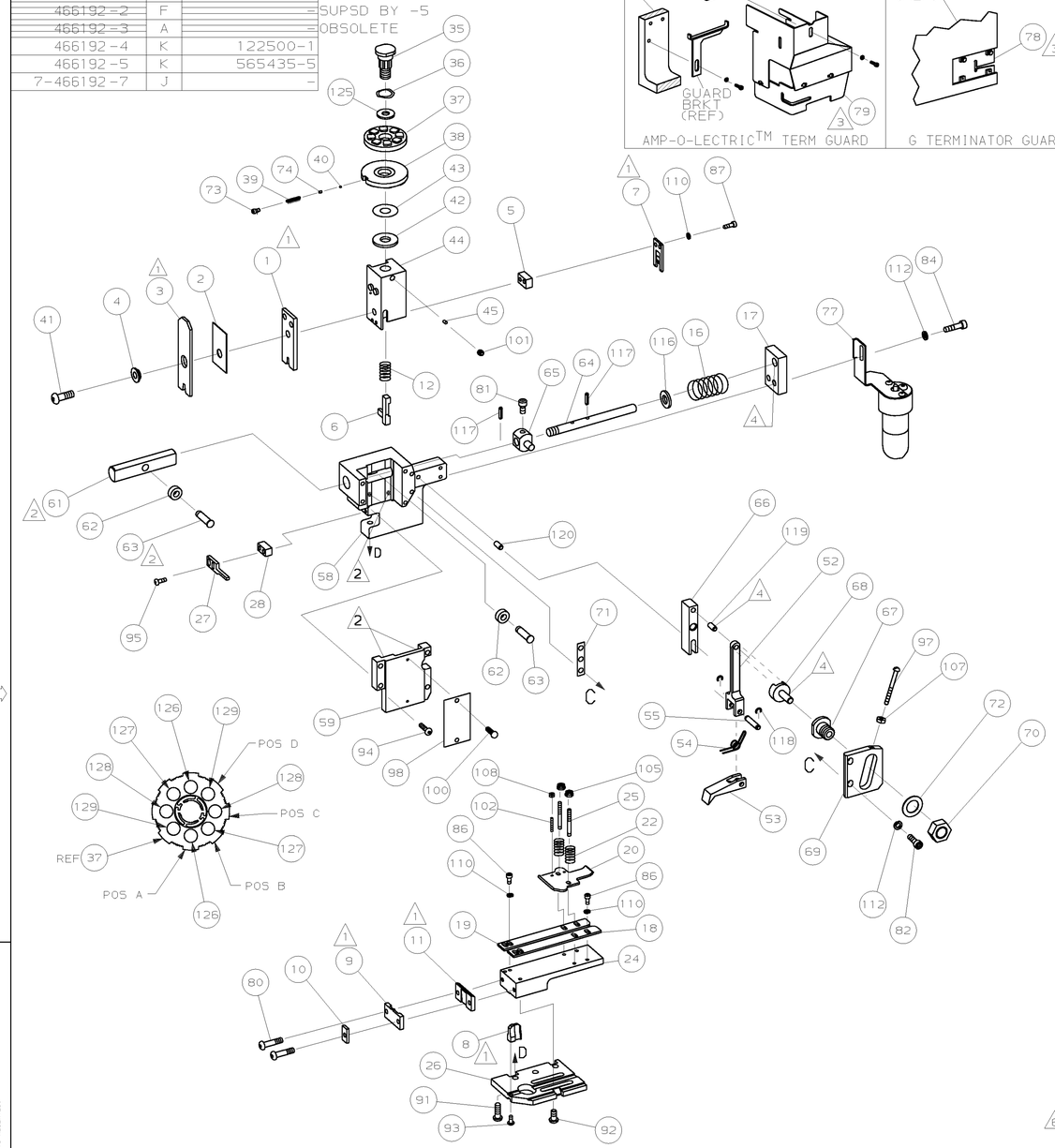
| PART NUMBER | REV | FIRST USED | |
|---|---|---|---|
| 466192-1 | F | | =SUPSD BY -4 |
| 466192-2 | F | | =SUPSD BY -5 |
| 466192-3 | A | | =OBSOLETE |
| 466192-4 | K | 122500-1 | |
| 466192-5 | K | 565435-5 | |
| 7-466192-7 | J | | |




TERMINAL NAME: RING

| | |
|---|---|
| | 61793 |
| | 61794 |
| | 61795 |
| | 350436 |
| | 640051 |
| | 640052 |
| | 63640 |

CRIMPING DATA

| PAD LTR | CRIMP HEIGHT | WIRE SIZE |
|---|---|---|
| A | .086 ±.002 [2.18 ±0.05mm] | 14 |
| B | .082 ±.002 [2.08 ±0.05mm] | (2)18 |
| C | .078 ±.002 [1.98 ±0.05mm] | (1)16 OR (1)18 & (1)22 |
| D | .073 ±.002 [1.85 ±0.05mm] | (1)18 or (2)22 |

| CRIMP | SIZE | TYPE | RANGE |
|---|---|---|---|
| WIRE | .130 [3.30mm] | F | 18-14 |
| INSUL | .180 [4.57mm] | F | ø.105-.145 |

| WIRE STRIP LENGTH | TERM APPL SPEC | FEED | APPL INSTRUCTION | SET UP GAGE | LAYOUT |
|---|---|---|---|---|---|
| .218-.248 | 114-2084 | .827 | 408-8039 | 458638-1 | L403 |

| -77 | -5 | -4 | U/M | DWG SIZE | PART NO | DESCRIPTION | ITEM NO |
|---|---|---|---|---|---|---|---|
| - | 2 | 2 | - | C | 7-354778-7 | PIN, WIRE DISC (.2880)D | 129 |
| - | 2 | 2 | - | C | 6-354778-5 | PIN, WIRE DISC (.2820)C | 128 |
| - | 2 | 2 | - | C | 5-354778-7 | PIN, WIRE DISC (.2780)B | 127 |
| - | 2 | 2 | - | C | 4-354778-9 | PIN, WIRE DISC (.2740)A | 126 |
| - | 1 | 1 | - | A | 986950-1 | WASHER, FLAT PRECISION | 125 |
| - | 1 | 1 | - | A | 217238-1 | GENERAL INSTRUCTION PACKAGE | 124 |
| - | 1 | 1 | - | - | 4088039 | EF APPL INST 408-8039 | 123 |
| | | | | | | | 122 |
| | | | | | | | 121 |
| - | REF | REF | - | A | 1-21030-7 | PIN,DOWEL(ø.187x1.50)HSG | 120 |
| - | REF | REF | - | A | 1-21030-1 | PIN,DOWEL(ø.187x.50)LEVER | 119 |
| - | REF | REF | - | A | 21045-3 | RING,RET"C"(ø.187)FD PIN | 118 |
| - | REF | REF | - | A | 5-21028-1 | PIN,STD SPRING(ø.12)FD ADJ ROD | 117 |
| - | REF | REF | - | A | 21899-4 | WASHER,FLAT(ø5/16)SCR ADJ | 116 |
| | | | | | | | 115 |
| | | | | | | | 114 |
| | | | | | | | 113 |
| - | REF | REF | - | A | 21024-5 | WASHER,LOCK(NO.10)FD ROD GDE | 112 |
| | | | | | | | 111 |
| - | 6 | 6 | - | A | 21024-4 | WASHER,LOCK(NO.8)SHEAR BL | 110 |
| | | | | | | | 109 |
| - | 2 | 2 | - | A | 21018-4 | NUT,HEX(4-40)DRAG | 108 |
| - | REF | REF | - | A | 21018-5 | NUT,HEX(6-32)FD ADJ PL | 107 |
| | | | | | | | 106 |
| - | 2 | 2 | - | A | 21022-2 | NUT,HEX SL(8-32)DRAG STUD | 105 |
| | | | | | | | 104 |
| | | | | | | | 103 |
| - | 2 | 2 | - | A | 2-21006-6 | SCR,SKT SET(4-40x.62)DRAG | 102 |
| - | 1 | 1 | - | A | 21009-2 | SCR,SKT SET(1/4-20x.25 )RAM | 101 |
| - | 2 | 2 | - | A | 21017-2 | SCR,DRIVE(#2x.19)ID PLATE | 100 |
| - | 1 | 1 | - | A | 1-21002-7 | SCR,BHC(6-32x.38)CAM | 99 |
| - | 1 | 1 | - | B | 461264-1 | PLATE, IDENTIFICATION | 98 |
| - | REF | REF | - | A | 6-23715-5 | SCR,PAN HD(6-32x1.50)FEED ADJ | 97 |
| - | | | | | | | 96 |
| | 2 | 2 | - | A | 2-21002-2 | SCR,BHC(8-32x.50)STRIPPER | 95 |
| - | REF | REF | - | A | 2-21002-9 | SCR,BHC(10-32x.75)HSG CAP | 94 |
| - | 1 | 1 | - | A | 22733-8 | SCR,BHC(8-32x.38 LW)ANVIL | 93 |
| - | 4 | 4 | - | A | 3-21002-3 | SCR,BHC(1/4-20x.50)ST GD PL | 92 |
| - | REF | REF | - | A | 2-22733-8 | SCR,BHC(1/4-20x.62)BASE PL | 91 |
| | | | | | | | 90 |
| | | | | | | | 89 |
| | | | | | | | 88 |
| - | 2 | 2 | - | A | 2-21000-7 | SCR,SHC(8-32x.50)SLUG BLADE | 87 |
| - | 4 | 4 | - | A | 2-21000-6 | SCR,SHC(8-32x.38)STRIP GUIDE | 86 |
| | | | | | | | 85 |
| - | REF | REF | - | A | 3-21000-7 | SCR,SHC(10-32x.75)FEED ROD GDE | 84 |
| - | | | | | | | 83 |
| - | REF | REF | - | A | 3-21000-6 | SCR,SHC(10-32x.62)FEED ADJ PL | 82 |
| - | REF | REF | - | A | 3-21000-4 | SCR,SHC(10-32x.38)PIVOT BLOCK | 81 |
| - | 2 | 2 | - | A | 3-21002-0 | SCR,BHC(10-32x.88)SHEAR PL | 80 |
| - | REF | - | - | A | 455745-1 | GUARD, WINDOW | 79 |
| - | - | REF | - | A | 679532-1 | INSERT, GUARD | 78 |
| - | 1 | - | - | C | 465184-9 | LUBRICATOR ASSY | 77 |
| | | | | | | | 76 |
| | | | | | | | 75 |
| - | 1 | 1 | - | A | 690603-1 | SPRING, ASSIST | 74 |
| - | 1 | 1 | - | A | 23030-1 | SCR,SKT CAP(6-32x.25)CP DSC | 73 |
| - | REF | REF | - | A | 458109-1 | WASHER, FLAT (SPECIAL) | 72 |
| - | REF | REF | - | A | 690517-1 | SPACER | 71 |

QTY REQD PER ASSY — PARTS LIST

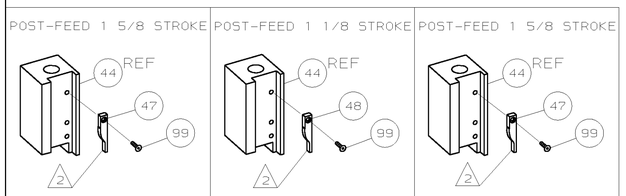
| -4 | LEADMAKER & BENCH MODEL G | MECH POST FEED |
|---|---|---|
| -5 | BENCH MODEL K | MECH POST FEED |
| -77 | SPARE TOOLING KIT | |

| -77 | -5 | -4 | U/M | DWG SIZE | PART NO | DESCRIPTION | ITEM NO |
|---|---|---|---|---|---|---|---|
| - | REF | REF | - | A | 22594-8 | NUT, HEX | 70 |
| - | REF | REF | - | B | 240628-1 | PLATE, ADJ | 69 |
| - | REF | REF | - | B | 240626-1 | SHAFT, PIVOT | 68 |
| - | REF | REF | - | B | 240633-1 | BUSHING | 67 |
| - | REF | REF | - | A | 455680-1 | LEVER, INTERMEDIATE | 66 |
| - | REF | REF | - | B | 240629-1 | BLOCK, PIVOT | 65 |
| - | REF | REF | - | A | 240632-2 | SCR, ADJ | 64 |
| - | REF | REF | - | B | 240659-3 | PIN, CAM ROLLER | 63 |
| - | REF | REF | - | B | 240658-1 | CAM, ROLLER | 62 |
| - | REF | REF | - | B | 454398-1 | ROD, FEED | 61 |
| | | | | | | | 60 |
| - | REF | REF | - | C | 454220-1 | CAP, RAM | 59 |
| - | REF | REF | - | D | 453736-1 | HOUSING | 58 |
| | | | | | | | 57 |
| | | | | | | | 56 |
| - | REF | REF | - | B | 240624-1 | PIN, FEED FINGER | 55 |
| - | REF | REF | - | B | 691499-1 | SPRING, FEED FINGER | 54 |
| - | REF | REF | - | B | 240635-1 | FINGER, FEED | 53 |
| - | REF | REF | - | B | 240634-3 | LEVER, TERMINAL | 52 |
| | | | | | | | 51 |
| | | | | | | | 50 |
| | | | | | | | 49 |
| - | 1 | - | - | B | 690501-3 | CAM, POST FEED 1 1/8 ST | 48 |
| - | - | 1 | - | B | 690501-4 | CAM, POST-FEED 1 5/8 ST | 47 |
| - | | | | | | | 46 |
| - | 1 | 1 | - | A | 690191-1 | PLUG, NYLON | 45 |
| - | 1 | 1 | - | C | 455674-1 | RAM | 44 |
| - | 1 | 1 | - | A | 690125-1 | WASHER, LAMINATED | 43 |
| - | 1 | 1 | - | A | 690124-9 | WASHER, RAM | 42 |
| - | 1 | 1 | - | A | 7-21002-9 | BOLT, CRIMPER(5/16-24x1.00) | 41 |
| - | 1 | 1 | - | A | 23241-6 | BALL, STEEL | 40 |
| - | 1 | 1 | - | A | 690170-1 | SPRING, COMPRESSION | 39 |
| - | 1 | 1 | - | C | 690142-1 | DISC, INSULATION | 38 |
| - | 1 | 1 | - | D | 354777-1 | WIRE DISC, PLASTIC | 37 |
| - | 1 | 1 | - | A | 22480-5 | WASHER, SPRING | 36 |
| - | 1 | 1 | - | B | 690212-1 | POST, RAM | 35 |
| | | | | | | | 34 |
| | | | | | | | 33 |
| - | 1 | 1 | - | D | 458980-2 | APPLICATOR, BASIC (SUB ASSY) | 32 |
| | | | | | | | 31 |
| | | | | | | | 30 |
| | | | | | | | 29 |
| - | 1 | 1 | - | B | 3-690451-2 | SPACER, STRIPPER | 28 |
| - | 1 | 1 | - | A | 240639-1 | STRIPPER | 27 |
| - | REF | REF | - | C | 455676-1 | PLATE, BASE | 26 |
| - | 2 | 2 | - | A | 22354-8 | DRAG, STUD | 25 |
| - | 1 | 1 | - | B | 455678-2 | PLATE, STRIP GUIDE | 24 |
| | | | | | | | 23 |
| - | 2 | 2 | - | A | 4-22281-1 | SPRING, DRAG | 22 |
| | | | | | | | 21 |
| - | 1 | 1 | - | A | 454177-1 | DRAG, STOCK | 20 |
| - | 1 | 1 | - | B | 1-458030-5 | GUIDE, STRIP (REAR) | 19 |
| - | 1 | 1 | - | C | 1-458031-5 | GUIDE, STRIP (FRONT) | 18 |
| - | REF | REF | - | A | 454178-1 | GUIDE, FEED ROD | 17 |
| - | REF | REF | - | A | 4-22284-9 | SPRING, FEED RETURN | 16 |
| | | | | | | | 15 |
| | | | | | | | 14 |
| | | | | | | | 13 |
| - | 1 | 1 | - | A | 23846-1 | SPRING, HOLD DOWN | 12 |
| - | 1 | 1 | - | B | 240833-7 | PLATE, REAR SHEAR | 11 |
| - | 1 | 1 | - | C | 1-690481-1 | SPACER, SHEAR PLATE | 10 |
| - | 1 | 1 | - | B | 1-690496-5 | PLATE, FRONT SHEAR | 9 |
| 1 | 1 | 1 | - | D | 463797-2 | ANVIL | 8 |
| - | 1 | 1 | - | B | 690474-6 | BLADE, SLUG | 7 |
| - | 1 | 1 | - | D | 455892-3 | HOLD DOWN, TERMINAL | 6 |
| - | 1 | 1 | - | C | 2-240641-4 | SPACER, SLUG BLADE | 5 |
| - | 1 | 1 | - | B | 238009-1 | SPACER, BLOCK CRIMPER | 4 |
| 1 | 1 | 1 | - | C | 456134-6 | CRIMPER, INSULATION | 3 |
| - | 1 | 1 | - | B | 455888-6 | SPACER, CRIMPER | 2 |
| 1 | 1 | 1 | - | C | 456424-5 | CRIMPER, WIRE | 1 |

← REVISION OF EACH ASSY NO (WHEN BLANK, USE DWG REVISION)

QTY REQD PER ASSY — PARTS LIST

POST-FEED 1 5/8 STROKE | POST-FEED 1 1/8 STROKE | POST-FEED 1 5/8 STROKE




LEADMAKER | K TERMINATOR BENCH MACHINE | G TERMINATOR BENCH MACHINE

1. RECOMMENDED SPARE PARTS.
2. GREASE LIGHTLY.
3. GUARD MUST BE IN PLACE WHEN OPERATING APPLICATOR IN A BENCH MACHINE.
4. LUBRICATE DAILY USING NO. 20 MACHINE OIL.
5. ITEMS WITH QTY OF REF SPECIFIED (EXCEPT ITEMS 78 AND 79) ARE USED ON ITEM 32.
6. ITEM 78 USED WITH G TERMINATOR ONLY.

| P | F | LTR | REVISION RECORD | APP | DATE |
|---|---|---|---|---|---|
| | | K1 | ECN 0150-0918-03 | TE | 8-03 |
| | | K | 0150-1459-02 | BH | NOV02 |
| | | J2 | ECN 0150-0941-02 | TE | 7-02 |
| | | J1 | ECN 0150-0307-01 | TE | 4-01 |
| | | J | 0150-0258-00 | CE | APR00 |
| | | H | 0150-9588-99 | BH | 9/99 |
| | | G | ECN 0150-6822-96 | CE | 4-96 |

DIMENSIONS IN INCHES. DO NOT SCALE PRINT.
TOLERANCES UNLESS OTHERWISE SPECIFIED:
2 PLC DEC ±-
3 PLC DEC ±-
4 PLC DEC ±-
ANGLES ± -
SURF TEXTURE: √
REMOVE BURRS, BREAK SHARP EDGES R.015 MAX

| | | | |
|---|---|---|---|
| MATL – | HT TR – | FIN – | |
| DR 4-16-96 M. OBRINE | APP 4-16-96 T. ELBIN | AMP Incorporated Harrisburg, PA 17105-3608 | |
| CHK 4-16-96 C. ERISMAN | REL 5/8/96 B. MORGAN | | |
| NAME END FEED HDM APPLICATOR | | MACHINE REF MINI APPL | |
| SCALE – | D DWG NO 466192 | SHEET 1 OF 1 | REV K1 |
| CAGE CODE 00779 | CUSTOMER AND ASSEMBLY DRAWING | RESTRICTED TO – | |

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LOC A | DIST 66