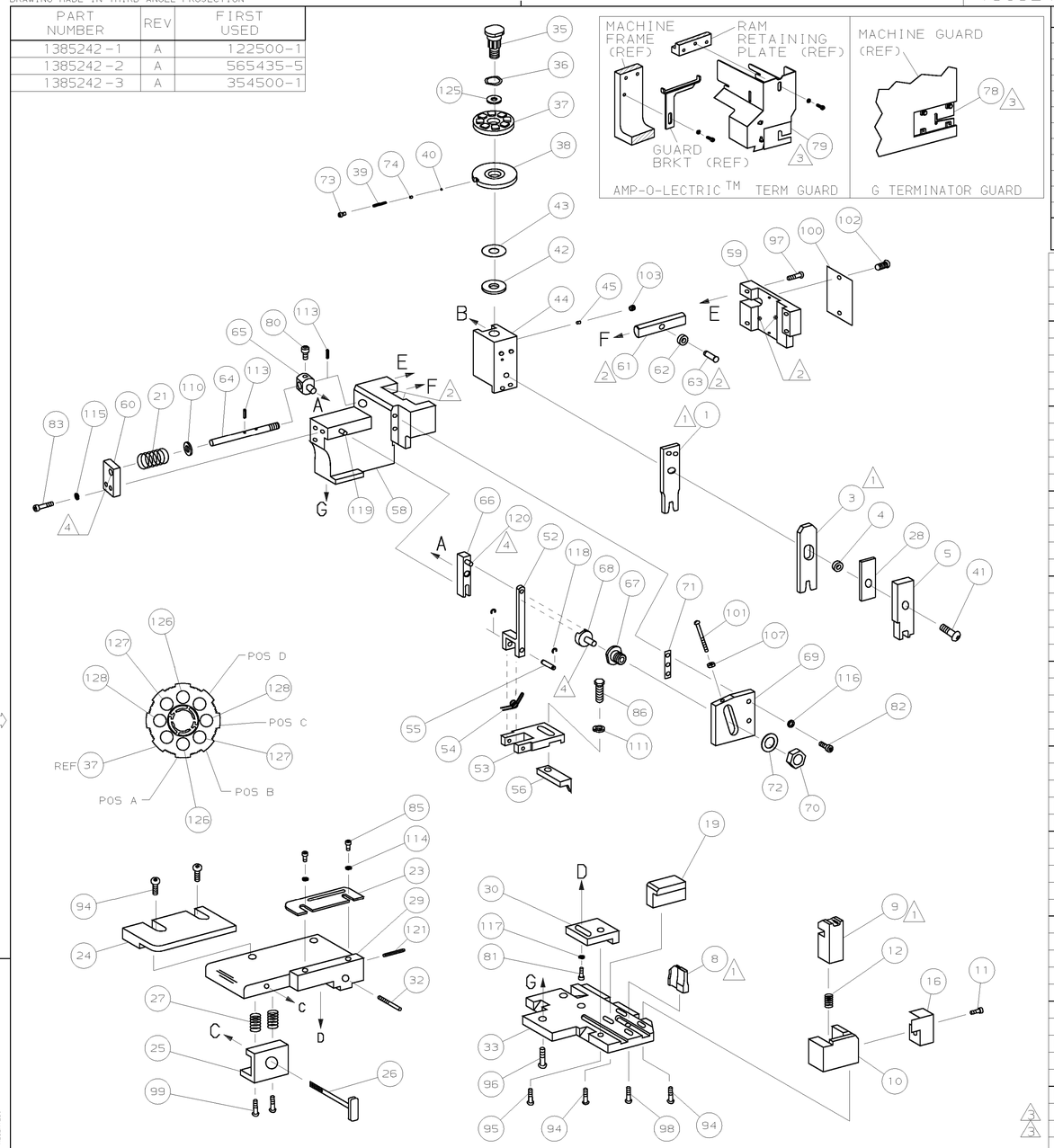
DRAWING MADE IN THIRD ANGLE PROJECTION

1385242 ⇔ 1385242

/auto/data/asg/meduso/appl/ftb

| PART NUMBER | REV | FIRST USED |
|---|---|---|
| 1385242-1 | A | 122500-1 |
| 1385242-2 | A | 565435-5 |
| 1385242-3 | A | 354500-1 |




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 46.
6. GUIDE ON INSULATION BARREL.

TERMINAL NAME: TERMINAL, CRIMP PLUG

| AMP PN | MFR PN |
|---|---|
| 286935 | DF4-2428PCF |

HIROSE TERMINAL AMP CRIMP SPECS

| PAD LTR | CRIMP HEIGHT | WIRE SIZE |
|---|---|---|
| A | .028 ±.002 [0.71 ±0.05mm] | 24 |
| B | .025 ±.002 [0.64 ±0.05mm] | 26 |
| C | .024 ±.002 [0.61 ±0.05mm] | 28 |
| D | NOT | USED |

| CRIMP | SIZE | TYPE | RANGE |
|---|---|---|---|
| WIRE | .042 [1.07mm] | F | 28-24 |
| INSUL | .055 [1.40mm] | F | ø.030-.047 |

| WIRE STRIP LENGTH | TERM APPL SPEC | FEED | APPL INSTRUCTION | SET UP GAGE | LAYOUT |
|---|---|---|---|---|---|
| .047-.078 | NONE | .219 | 408-8040 | 458637-1 | L2512 |

| -3 | -2 | -1 | U/M | DWG SIZE | PART NO | DESCRIPTION | ITEM NO |
|---|---|---|---|---|---|---|---|
| | | | | | | | 129 |
| 2 | 2 | 2 | - | C | 6-354779-4 | PIN, WIRE DISC (.3310)C | 128 |
| 2 | 2 | 2 | - | C | 6-354779-2 | PIN, WIRE DISC (.3300)B | 127 |
| 2 | 2 | 2 | - | C | 5-354779-6 | PIN, WIRE DISC (.3270)A | 126 |
| 1 | 1 | 1 | - | A | 986950-1 | WASHER, FLAT PRECISION | 125 |
| 1 | 1 | 1 | - | A | 217238-1 | GENERAL INSTRUCTION PACKAGE | 124 |
| 1 | 1 | 1 | - | - | 4088040 | SF APPL INST 408-8040 | 123 |
| | | | | | | | 122 |
| 1 | 1 | 1 | - | A | 4-21028-0 | PIN,SLT SPR(ø.093x.75)ST GDE PL | 121 |
| REF | REF | REF | - | A | 1-21030-1 | PIN,DOWEL(ø.187x.50)LEVER | 120 |
| REF | REF | REF | - | A | 1-21030-6 | PIN,DOWEL(ø.187x1.25)HOUSING | 119 |
| REF | REF | REF | - | A | 21045-3 | RING,RET "C"(ø.187)FD FING PIN | 118 |
| 1 | 1 | 1 | - | A | 21024-5 | WASHER, LOCK(#10)ADJ BLOCK | 117 |
| REF | REF | REF | - | A | 21024-5 | WASHER,LOCK(#10)ADJ PLATE | 116 |
| REF | REF | REF | - | A | 21024-5 | WASHER,LOCK(#10)FEED GDE ROD | 115 |
| 2 | 2 | 2 | - | A | 21024-2 | WASHER,LOCK(#4)FRONT STP GUIDE | 114 |
| REF | REF | REF | - | A | 5-21028-1 | PIN,SLT SPR(ø.125x.50)ADJ ROD | 113 |
| | | | | | | | 112 |
| | | | | | | | 111 |
| REF | REF | REF | - | A | 21899-4 | WASHER,FLAT(ø5/16)SCREW ADJ | 110 |
| | | | | | | | 109 |
| | | | | | | | 108 |
| REF | REF | REF | - | A | 21068-5 | NUT,HEX(6-32)FEED ADJ | 107 |
| | | | | | | | 106 |
| | | | | | | | 105 |
| | | | | | | | 104 |
| 1 | 1 | 1 | - | A | 21009-2 | SCR,SKT SET(1/4-20x.25 LW)RAM | 103 |
| 2 | 2 | 2 | - | A | 21017-2 | SCR,DRIVE(#2x.19)ID PLATE | 102 |
| REF | REF | REF | - | A | 6-23715-5 | SCR,PAN HD(6-32x1.50)FEED ADJ | 101 |
| 1 | 1 | 1 | - | B | 461264-1 | PLATE, IDENTIFICATION | 100 |
| 2 | 2 | 2 | - | A | 3-21002-0 | SCR,BHC(10-32x.88)DRAG | 99 |
| 1 | 1 | 1 | - | A | 22733-8 | SCR,BHC(8-32x.38 LW)ANVIL | 98 |
| REF | REF | REF | - | A | 2-21002-9 | SCR,BHC(10-32x.75)CAP | 97 |
| REF | REF | REF | - | A | 2-22733-8 | SCR,BHC(1/4-20x.62)HOUSING | 96 |
| REF | REF | REF | - | A | 2-21002-7 | SCR,BHC(10-32x.50)SG ADJ BLOCK | 95 |
| 6 | 6 | 6 | - | A | 2-21002-2 | SCR,BHC(8-32x.50)TERM H DWN | 94 |
| | | | | | | | 93 |
| | | | | | | | 92 |
| 1 | 1 | 1 | - | A | 1-21002-7 | SCR,BHC(6-32x.38)CAM | 91 |
| | | | | | | | 90 |
| | | | | | | | 89 |
| | | | | | | | 88 |
| | | | | | | | 87 |
| 1 | 1 | 1 | - | A | 2-22603-0 | SCR,HEX HD(8-32x.31)FEED FINGER | 86 |
| 2 | 2 | 2 | - | A | 1-21000-3 | SCR,SHC(4-40x.25)F ST GUIDE | 85 |
| | | | | | | | 84 |
| REF | REF | REF | - | A | 3-21000-7 | SCR,SHC(10-32x.75)FEED ROD GD | 83 |
| REF | REF | REF | - | A | 3-21000-6 | SCR,SHC(10-32x.62)FD ADJ BLK | 82 |
| 1 | 1 | 1 | - | A | 3-21000-4 | SCR,SHC(10-32x.38)SG ADJ BL | 81 |
| REF | REF | REF | - | A | 3-21000-4 | SCR,SHC(10-32x.38)PIVOT BLK | 80 |
| - | REF | - | - | B | 455749-1 | GUARD, WINDOW | 79 |
| REF | - | - | - | B | 679532-1 | INSERT, GUARD | 78 |
| | | | | | | | 77 |
| | | | | | | | 76 |
| | | | | | | | 75 |
| 1 | 1 | 1 | - | A | 690603-1 | SPRING, ASSIST | 74 |
| 1 | 1 | 1 | - | A | 23030-1 | SCR,SHC(6-32x.25 SL)INS DISC | 73 |
| REF | REF | REF | - | A | 458109-1 | WASHER, SPECIAL | 72 |
| REF | REF | REF | - | A | 690517-1 | SPACER | 71 |

QTY REQD PER ASSY — PARTS LIST

| -1 | -2 | -3 | U/M | DWG SIZE | PART NO | DESCRIPTION | ITEM NO |
|---|---|---|---|---|---|---|---|
| LEADMAKER | BENCH MODEL K | BENCH MODEL G | | | | MECH POST FEED / MECH PRE FEED / MECH PRE FEED | |
| REF | REF | REF | - | B | 22594-8 | NUT,HEX(1/2-20) | 70 |
| REF | REF | REF | - | B | 240628-1 | PLATE, ADJUSTMENT | 69 |
| REF | REF | REF | - | B | 240626-1 | SHAFT, PIVOT | 68 |
| REF | REF | REF | - | B | 240633-1 | BUSHING | 67 |
| REF | REF | REF | - | A | 455680-1 | LEVER, INTERMEDIATE | 66 |
| REF | REF | REF | - | B | 240629-1 | BLOCK, PIVOT | 65 |
| REF | REF | REF | - | A | 240632-2 | SCREW, ADJ FEED ROD | 64 |
| REF | REF | REF | - | B | 240659-3 | PIN, CAM ROLLER | 63 |
| REF | REF | REF | - | B | 240658-1 | ROLLER, CAM | 62 |
| REF | REF | REF | - | B | 454398-2 | ROD, FEED | 61 |
| REF | REF | REF | - | A | 454178-1 | GUIDE, FEED ROD | 60 |
| REF | REF | REF | - | C | 454220-1 | CAP, RAM | 59 |
| REF | REF | REF | - | D | 454485-1 | HOUSING | 58 |
| | | | | | | | 57 |
| 1 | 1 | 1 | - | B | 690542-2 | PAWL, FEED | 56 |
| REF | REF | REF | - | B | 240624-1 | PIN, FEED FINGER | 55 |
| REF | REF | REF | - | B | 691499-1 | SPRING, FEED FINGER | 54 |
| REF | REF | REF | - | B | 690541-1 | HOLDER, FEED FINGER | 53 |
| REF | REF | REF | - | A | 455679-1 | LEVER, TERMINAL FEED ARM | 52 |
| | | | | | | | 51 |
| | | | | | | | 50 |
| 1 | - | - | - | B | 690602-6 | CAM, PRE-FEED 1 5/8 ST | 49 |
| - | 1 | - | - | B | 690602-5 | CAM, PRE-FEED 1 1/8 ST | 48 |
| - | - | 1 | - | B | 690501-4 | CAM, POST-FEED 1 5/8 ST | 47 |
| 1 | 1 | 1 | - | B | 459456-1 | APPLICATOR, BASIC (SUBASSY) | 46 |
| 1 | 1 | 1 | - | A | 690191-1 | PLUG, NYLON | 45 |
| 1 | 1 | 1 | - | C | 455673-3 | RAM | 44 |
| 1 | 1 | 1 | - | A | 690125-1 | WASHER, LAMINATED | 43 |
| 1 | 1 | 1 | - | A | 690124-1 | WASHER, RAM | 42 |
| 1 | 1 | 1 | - | A | 7-21002-9 | BOLT, CRIMPER(5/16x1.00) | 41 |
| 1 | 1 | 1 | - | A | 23241-6 | BALL, STEEL | 40 |
| 1 | 1 | 1 | - | A | 690170-1 | SPRING, COMPRESSION | 39 |
| 1 | 1 | 1 | - | C | 690142-1 | DISC, INSULATION | 38 |
| 1 | 1 | 1 | - | D | 354777-1 | WIRE DISC, PLASTIC | 37 |
| 1 | 1 | 1 | - | A | 22480-5 | WASHER, SPRING | 36 |
| 1 | 1 | 1 | - | B | 690212-1 | POST, RAM | 35 |
| | | | | | | | 34 |
| REF | REF | REF | - | D | 455675-1 | PLATE, BASE | 33 |
| 1 | 1 | 1 | - | A | 690432-3 | SCREW, ADJUSTMENT | 32 |
| | | | | | | | 31 |
| REF | REF | REF | - | B | 455689-1 | BLOCK, STRIP GUIDE ADJ | 30 |
| 1 | 1 | 1 | - | C | 455671-1 | PLATE, STRIP GUIDE | 29 |
| 1 | 1 | 1 | - | C | 1-455888-0 | SPACER, FRONT SHEAR DEP | 28 |
| 2 | 2 | 2 | - | A | 1-22284-0 | SPRING, DRAG | 27 |
| 1 | 1 | 1 | - | B | 690546-1 | LEVER, DRAG RELEASE | 26 |
| 1 | 1 | 1 | - | B | 240792-1 | DRAG, TERMINAL | 25 |
| 1 | 1 | 1 | - | D | 6-690504-6 | GUIDE, STRIP (REAR) | 24 |
| 1 | 1 | 1 | - | A | 690438-1 | GUIDE, STRIP (FRONT) | 23 |
| | | | | | | | 22 |
| REF | REF | REF | - | A | 4-22284-9 | SPRING, FEED RETURN | 21 |
| | | | | | | | 20 |
| 1 | 1 | 1 | - | B | 904222-3 | STRIPPER, WIRE | 19 |
| | | | | | | | 18 |
| | | | | | | | 17 |
| 1 | 1 | 1 | - | B | 318563-1 | GUARD, CHIP, FRONT | 16 |
| | | | | | | | 15 |
| | | | | | | | 14 |
| | | | | | | | 13 |
| 1 | 1 | 1 | - | A | 5-22280-0 | SPRING, SHEAR | 12 |
| 1 | 1 | 1 | - | B | 690461-1 | STOP, SHEAR | 11 |
| 1 | 1 | 1 | - | C | 690459-1 | HOLDER, SHEAR (FRONT) | 10 |
| 1 | 1 | 1 | - | C | 462006-1 | SHEAR, FLOAT (FRONT) | 9 |
| 1 | 1 | 1 | - | C | 662182-7 | ANVIL | 8 |
| | | | | | | | 7 |
| | | | | | | | 6 |
| 1 | 1 | 1 | - | C | 2-455889-0 | DEPRESSOR, SHEAR (FRONT) | 5 |
| 1 | 1 | 1 | - | B | 2-238011-3 | SPACER, BLOCK CRIMPER | 4 |
| 1 | 1 | 1 | - | C | 5-683453-2 | CRIMPER, INSULATION | 3 |
| | | | | | | | 2 |
| 1 | 1 | 1 | - | C | 456401-2 | CRIMPER, WIRE | 1 |

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

QTY REQD PER ASSY — PARTS LIST

| P F | LTR | REVISION RECORD | APP | DATE |
|---|---|---|---|---|
| | A | RELEASED | GB | 3-01 |

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 01MAR01 R.O.WILSON APP 01MAR01 T.ELBIN CHK – REL –

AMP Incorporated Harrisburg, PA 17105-3608

NAME SIDE FEED HDM APPLICATOR MACHINE REF MINI APPL

SCALE – D DWG NO 1385242 SHEET 1 OF 1 REV A

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