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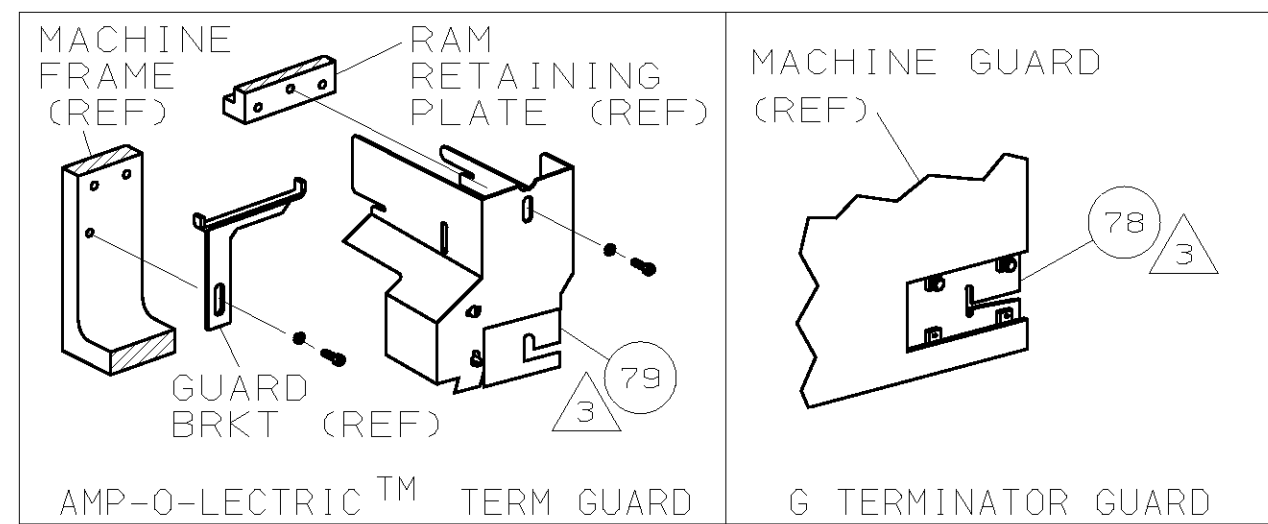
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| PART NUMBER | REV | FIRST USED | SHEAR TYPE USED    |
|-------------|-----|------------|--------------------|
| 1385209-1   | C   | 122500-1   | CUTS CARRIER       |
| 1385209-2   | C   | 565435-5   | CUTS CARRIER       |
| 1385209-3   | C   | 354500-1   | CUTS CARRIER       |
| 1385209-6   | C   | 122500-1   | CONTINUOUS CARRIER |



|                       |  |                |  |                               |                           |                  |      |                           |  |
|-----------------------|--|----------------|--|-------------------------------|---------------------------|------------------|------|---------------------------|--|
| TERMINAL NAME: SOCKET |  |                |  |                               |                           |                  |      |                           |  |
| AMP PN                |  | MFR PN         |  | CCC TERMINAL CUST CRIMP SPECS |                           |                  |      |                           |  |
| 286906                |  | 471810-08-02   |  | PAD LTR                       | CRIMP HEIGHT              |                  |      | WIRE SIZE                 |  |
| FORD                  |  | E8EB-14488-AJA |  | A                             | .052 ±.002 [1.32 ±0.05mm] |                  |      | 0.85mm <sup>2</sup> (18)  |  |
|                       |  |                |  | B                             | .047 ±.002 [1.19 ±0.05mm] |                  |      | 0.5mm <sup>2</sup> (20)   |  |
|                       |  |                |  | C                             | NOT                       |                  |      | USED                      |  |
|                       |  |                |  | D                             | NOT                       |                  |      | USED                      |  |
|                       |  |                |  | CRIMP                         | SIZE                      |                  | TYPE | RANGE                     |  |
|                       |  |                |  | WIRE                          | .080 [2.03mm]             |                  | F    | 0.5mm-0.85mm <sup>2</sup> |  |
|                       |  |                |  | INSUL                         | .100 [2.54mm]             |                  | F    | .080 MAX                  |  |
| WIRE STRIP LENGTH     |  | TERM APPL SPEC |  | FEED                          |                           | APPL INSTRUCTION |      | SET UP GAGE               |  |
| .220-.250             |  | NONE           |  | .520                          |                           | 408-8040         |      | 458637-1 L246             |  |

| -1&-6 |     | LEADMAKER     |     | MECH POST FEED |          |            |                             |         |
|-------|-----|---------------|-----|----------------|----------|------------|-----------------------------|---------|
| -2    |     | BENCH MODEL K |     | MECH PRE FEED  |          |            |                             |         |
| -3    |     | BENCH MODEL G |     | MECH PRE FEED  |          |            |                             |         |
| REF   | REF | REF           | REF | -              | B        | 22594-8    | NUT, HEX (1/2-20)           | 70      |
| REF   | REF | REF           | REF | -              | B        | 240628-1   | PLATE, ADJUSTMENT           | 69      |
| REF   | REF | REF           | REF | -              | B        | 240626-1   | SHAFT, PIVOT                | 68      |
| REF   | REF | REF           | REF | -              | B        | 240633-1   | BUSHING                     | 67      |
| REF   | REF | REF           | REF | -              | A        | 455680-1   | LEVER, INTERMEDIATE         | 66      |
| REF   | REF | REF           | REF | -              | B        | 240629-1   | BLOCK, PIVOT                | 65      |
| REF   | REF | REF           | REF | -              | A        | 240632-2   | SCREW, ADJ FEED ROD         | 64      |
| REF   | REF | REF           | REF | -              | B        | 240659-3   | PIN, CAM ROLLER             | 63      |
| REF   | REF | REF           | REF | -              | B        | 240658-1   | ROLLER, CAM                 | 62      |
| REF   | REF | REF           | REF | -              | B        | 454398-2   | ROD, FEED                   | 61      |
| REF   | REF | REF           | REF | -              | A        | 454178-1   | GUIDE, FEED ROD             | 60      |
| REF   | REF | REF           | REF | -              | C        | 454220-1   | CAP, RAM                    | 59      |
| REF   | REF | REF           | REF | -              | D        | 454485-1   | HOUSING                     | 58      |
| 1     | -   | -             | -   | -              | B        | 691499-1   | SPRING, FEED FINGER         | 57      |
| 1     | 1   | 1             | 1   | -              | B        | 458537-2   | PAWL, FEED                  | 56      |
| REF   | REF | REF           | REF | -              | B        | 240624-1   | PIN, FEED FINGER            | 55      |
| REF   | REF | REF           | REF | -              | B        | 691499-1   | SPRING, FEED FINGER         | 54      |
| REF   | REF | REF           | REF | -              | B        | 690541-1   | HOLDER, FEED FINGER         | 53      |
| REF   | REF | REF           | REF | -              | A        | 455679-2   | LEVER, TERMINAL FEED ARM    | 52      |
| 1     | 1   | 1             | 1   | -              | A        | 811242-2   | BUMPER, HOLDDOWN            | 51      |
| 1     | 1   | 1             | 1   | -              | A        | 690753-1   | SPACER, TONKER              | 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     | -   | -             | 1   | -              | B        | 690501-4   | CAM, POST-FEED 1 5/8 ST     | 47      |
| 1     | 1   | 1             | 1   | -              | B        | 459456-2   | APPLICATOR, BASIC (SUBASSY) | 46      |
| 1     | 1   | 1             | 1   | -              | A        | 690191-1   | PLUG, NYLON                 | 45      |
| 1     | 1   | 1             | 1   | -              | C        | 455673-1   | RAM                         | 44      |
| 1     | 1   | 1             | 1   | -              | A        | 690125-1   | WASHER, LAMINATED           | 43      |
| 1     | 1   | 1             | 1   | -              | A        | 690124-1   | WASHER, RAM                 | 42      |
| 1     | 1   | 1             | 1   | -              | A        | 690686-1   | BOLT, CRIMPER(5/16x1.00)    | 41      |
| 1     | 1   | 1             | 1   | -              | A        | 23241-6    | BALL, STEEL                 | 40      |
| 1     | 1   | 1             | 1   | -              | A        | 690170-1   | SPRING, COMPRESSION         | 39      |
| 1     | 1   | 1             | 1   | -              | C        | 690142-1   | DISC, INSULATION            | 38      |
| 1     | 1   | 1             | 1   | -              | D        | 354777-1   | WIRE DISC, PLASTIC          | 37      |
| 1     | 1   | 1             | 1   | -              | A        | 22480-5    | WASHER, SPRING              | 36      |
| 1     | 1   | 1             | 1   | -              | B        | 690212-1   | POST, RAM                   | 35      |
| 1     | 1   | 1             | 1   | -              | B        | 690786-1   | SUPPORT, TERMINAL           | 34      |
| REF   | REF | REF           | REF | -              | D        | 455675-1   | PLATE, BASE                 | 33      |
| 1     | 1   | 1             | 1   | -              | A        | 690432-3   | SCREW, ADJUSTMENT           | 32      |
|       |     |               |     |                |          |            |                             | 31      |
| REF   | REF | REF           | REF | -              | B        | 455689-1   | BLOCK, STRIP GUIDE ADJ      | 30      |
| 1     | 1   | 1             | 1   | -              | C        | 458144-1   | PLATE, STRIP GUIDE          | 29      |
| 1     | 1   | 1             | 1   | -              | C        | 2-455888-7 | SPACER, FRONT SHEAR DEP     | 28      |
| 2     | 2   | 2             | 2   | -              | A        | 1-22284-0  | SPRING, DRAG                | 27      |
| 1     | 1   | 1             | 1   | -              | B        | 240793-1   | LEVER, DRAG RELEASE         | 26      |
| 1     | 1   | 1             | 1   | -              | B        | 240792-1   | DRAG, TERMINAL              | 25      |
| 1     | 1   | 1             | 1   | -              | D        | 90765-6    | GUIDE, STRIP (REAR)         | 24      |
| 1     | 1   | 1             | 1   | -              | A        | 690438-1   | GUIDE, STRIP (FRONT)        | 23      |
| 1     | -   | -             | 1   | -              | B        | 690472-2   | STRIPPER                    | 22      |
| REF   | REF | REF           | REF | -              | A        | 4-22284-9  | SPRING, FEED RETURN         | 21      |
| -     | 1   | 1             | -   | -              | A        | 679218-1   | STRIPPER WIRE STOP ASSY     | 20      |
| -     | 1   | 1             | -   | -              | B        | 458949-1   | STRIPPER                    | 19      |
|       |     |               |     |                |          |            |                             | 18      |
|       |     |               |     |                |          |            |                             | 17      |
| 1     | 1   | 1             | 1   | -              | B        | 318563-1   | GUARD, CHIP, FRONT          | 16      |
|       |     |               |     |                |          |            |                             | 15      |
|       |     |               |     |                |          |            |                             | 14      |
| 1     | -   | -             | -   | -              |          | 679625-1   | HOLDER, SHEAR (FRONT)       | 13      |
| 1     | 1   | 1             | 1   | -              | A        | 5-22280-0  | SPRING, SHEAR               | 12      |
| 1     | 1   | 1             | 1   | -              | B        | 690461-1   | STOP, SHEAR                 | 11      |
| -     | 1   | 1             | 1   | -              | C        | 690459-1   | HOLDER, SHEAR (FRONT)       | 10      |
| 1     | 1   | 1             | 1   | -              | C        | 454276-2   | SHEAR, FLOAT (FRONT)        | 9       |
| 1     | 1   | 1             | 1   | -              | C        | 5-662186-3 | ANVIL                       | 8       |
| 1     | 1   | 1             | 1   | -              | C        | 3-240641-9 | SPACER, DEPRESSOR (REAR)    | 7       |
|       |     |               |     |                |          |            |                             | 6       |
| 1     | 1   | 1             | 1   | -              | C        | 1-455889-4 | DEPRESSOR, SHEAR (FRONT)    | 5       |
| 1     | 1   | 1             | 1   | -              | B        | 2-238011-2 | SPACER, BLOCK CRIMPER       | 4       |
| 1     | 1   | 1             | 1   | -              | C        | 4-456134-8 | CRIMPER, INSULATION         | 3       |
| 1     | 1   | 1             | 1   | -              | C        | 1-455888-5 | SPACER, CRIMPER             | 2       |
| 1     | 1   | 1             | 1   | -              | C        | 456405-8   | CRIMPER, WIRE               | 1       |
| -6    | -3  | -2            | -1  | U/M            | DWG SIZE | PART NO    | DESCRIPTION                 | ITEM NO |

POST FEED 1 5/8 STROKE

PRE FEED 1 1/8 STROKE

PRE FEED 1 5/8 STROKE

ROTATED 180°  
B

ROTATED 180°  
B

ROTATED 180°  
B

K TERMINATOR

G TERMINATOR

|            |  |
|------------|--|
| LOC<br>A   |  |
| DIST<br>66 |  |

LEADMAKER

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 46.

ADD SECOND FEED FINGER SPRING TO BASIC SUB ASSY.

|     |                   |     |     |     |          |            |                                 |         |     |  |
|-----|-------------------|-----|-----|-----|----------|------------|---------------------------------|---------|-----|--|
|     |                   |     |     |     |          |            |                                 |         | 129 |  |
| 2   | 2                 | 2   | 2   | -   | C        | 3-354779-6 | PIN, WIRE DISC (.3170)B         |         | 128 |  |
| 2   | 2                 | 2   | 2   | -   | C        | 3-354779-0 | PIN, WIRE DISC (.3140)A         |         | 126 |  |
| 1   | 1                 | 1   | 1   | -   | A        | 986950-1   | WASHER, FLAT PRECISION          |         | 125 |  |
| 1   | 1                 | 1   | 1   | -   | A        | 217238-1   | GENERAL INSTRUCTION PACKAGE     |         | 124 |  |
| 1   | 1                 | 1   | 1   | -   | -        | 4088040    | SF APPL INST 408-8040           |         | 123 |  |
|     |                   |     |     |     |          |            |                                 |         | 122 |  |
| 1   | 1                 | 1   | 1   | -   | A        | 4-21028-0  | PIN,SLT SPR(Ø.093x.75)ST GDE PL |         | 121 |  |
| REF | REF               | REF | REF | -   | A        | 1-21030-1  | PIN,DOWEL(Ø.187x.50)LEVER       |         | 120 |  |
| REF | REF               | REF | REF | -   | A        | 1-21030-6  | PIN,DOWEL(Ø.187x1.25)HOUSING    |         | 119 |  |
| REF | REF               | REF | REF | -   | A        | 21045-3    | RING,RET "C"(Ø.187)FD FING PIN  |         | 118 |  |
| 1   | 1                 | 1   | 1   | -   | A        | 21024-5    | WASHER, LOCK (#10)ADJ BLOCK     |         | 117 |  |
| REF | REF               | REF | REF | -   | A        | 21024-5    | WASHER,LOCK (#10)ADJ PLATE      |         | 116 |  |
| REF | REF               | REF | REF | -   | A        | 21024-5    | WASHER,LOCK (#10)FEED GDE ROD   |         | 115 |  |
| 2   | 2                 | 2   | 2   | -   | A        | 21024-2    | WASHER,LOCK (#4)FRONT STP GUIDE |         | 114 |  |
| REF | REF               | REF | REF | -   | A        | 5-21028-1  | PIN,SLT SPR(Ø.125x.50)ADJ ROD   |         | 113 |  |
|     |                   |     |     |     |          |            |                                 |         | 112 |  |
| 4   | 4                 | 4   | 4   | -   | A        | 21024-4    | WASHER,LOCK (#8)STRIPPER        |         | 111 |  |
| REF | REF               | REF | REF | -   | A        | 21899-4    | WASHER,FLAT (Ø5/16)SCREW ADJ    |         | 110 |  |
|     |                   |     |     |     |          |            |                                 |         | 109 |  |
| 1   | 1                 | 1   | 1   | -   | A        | 21018-5    | NUT, HEX (NO.6)HOLDDOWN         |         | 108 |  |
| REF | REF               | REF | REF | -   | A        | 21068-5    | NUT, HEX (6-32)FEED ADJ         |         | 107 |  |
|     |                   |     |     |     |          |            |                                 |         | 106 |  |
| 1   | 1                 | 1   | 1   | -   | A        | 22353-8    | SCR,SHLD(Ø.187x.25)DRAG LEVER   |         | 105 |  |
| 1   | 1                 | 1   | -   | -   | A        | 992031-1   | PIN, CLEVIS                     |         | 104 |  |
| 1   | 1                 | 1   | 1   | -   | A        | 21009-2    | SCR,SKT SET (1/4-20x.25 LW)RAM  |         | 103 |  |
| 2   | 2                 | 2   | 2   | -   | A        | 21017-2    | SCR,DRIVE (#2x.19)ID PLATE      |         | 102 |  |
| REF | REF               | REF | REF | -   | A        | 6-23715-5  | SCR,PAN HD(6-32x1.50)FEED ADJ   |         | 101 |  |
| 1   | 1                 | 1   | 1   | -   | B        | 461264-1   | PLATE, IDENTIFICATION           |         | 100 |  |
| 2   | 2                 | 2   | 2   | -   | A        | 3-21002-0  | SCR,BHC (10-32x.88)DRAG         |         | 99  |  |
| 1   | 1                 | 1   | 1   | -   | A        | 22733-8    | SCR,BHC (8-32x.38 LW)ANVIL      |         | 98  |  |
| REF | REF               | REF | REF | -   | A        | 2-21002-9  | SCR,BHC (10-32x.75)CAP          |         | 97  |  |
| REF | REF               | REF | REF | -   | A        | 2-22733-8  | SCR,BHC (1/4-20x.62)HOUSING     |         | 96  |  |
| REF | REF               | REF | REF | -   | A        | 2-21002-7  | SCR,BHC (10-32x.50)SG ADJ BLOCK |         | 95  |  |
| 6   | 6                 | 6   | 6   | -   | A        | 2-21002-2  | SCR,BHC (8-32x.50)TERM H DWN    |         | 94  |  |
|     |                   |     |     |     |          |            |                                 |         | 93  |  |
|     |                   |     |     |     |          |            |                                 |         | 92  |  |
| 1   | 1                 | 1   | 1   | -   | A        | 1-21002-7  | SCR,BHC (6-32x.38)CAM           |         | 91  |  |
|     |                   |     |     |     |          |            |                                 |         | 90  |  |
| 1   | 1                 | 1   | -   | -   | A        | 7-21000-9  | SCR,SHC (4-40x.19)STRIPPER      |         | 89  |  |
|     |                   |     |     |     |          |            |                                 |         | 88  |  |
|     |                   |     |     |     |          |            |                                 |         | 87  |  |
| 1   | 1                 | 1   | 1   | -   | A        | 2-22603-0  | SCR,HEX HD(8-32x.31)FEED FINGER |         | 86  |  |
| 2   | 2                 | 2   | 2   | -   | A        | 1-21000-3  | SCR,SHC (4-40x.25)F ST GUIDE    |         | 85  |  |
| 3   | 3                 | 3   | 3   | -   | A        | 2-21000-7  | SCR,SHC (8-32x.50)STRIPPER      |         | 84  |  |
| REF | REF               | REF | REF | -   | A        | 3-21000-7  | SCR,SHC (10-32x.75)FEED ROD GD  |         | 83  |  |
| REF | REF               | REF | REF | -   | A        | 3-21000-6  | SCR,SHC (10-32x.62)FD ADJ BLK   |         | 82  |  |
| 1   | 1                 | 1   | 1   | -   | A        | 3-21000-4  | SCR,SHC (10-32x.38)SG ADJ BL    |         | 81  |  |
| REF | REF               | REF | REF | -   | A        | 3-21000-4  | SCR,SHC (10-32x.38)PIVOT BLK    |         | 80  |  |
| -   | -                 | REF | -   | -   | B        | 455749-1   | GUARD, WINDOW                   |         | 79  |  |
| REF | REF               | -   | -   | -   | B        | 679532-1   | INSERT, GUARD                   |         | 78  |  |
|     |                   |     |     |     |          |            |                                 |         | 77  |  |
|     |                   |     |     |     |          |            |                                 |         | 76  |  |
|     |                   |     |     |     |          |            |                                 |         | 75  |  |
| 1   | 1                 | 1   | 1   | -   | A        | 690603-1   | SPRING, ASSIST                  |         | 74  |  |
| 1   | 1                 | 1   | 1   | -   | A        | 23030-1    | SCR,SHC (6-32x.25 SL)INS DISC   |         | 73  |  |
| REF | REF               | REF | REF | -   | A        | 458109-1   | WASHER, SPECIAL                 |         | 72  |  |
| REF | REF               | REF | REF | -   | A        | 690517-1   | SPACER                          |         | 71  |  |
| -6  | -3                | -2  | -1  | U/M | OWG SIZE | PART NO    | DESCRIPTION                     | ITEM NO |     |  |
|     | QTY RECD PER ASSY |     |     |     |          | PARTS LIST |                                 |         |     |  |

[illegible]

|       |                                                                                           |                          |         |             |         |                                                                                                                                     |        |
|-------|-------------------------------------------------------------------------------------------|--------------------------|---------|-------------|---------|-------------------------------------------------------------------------------------------------------------------------------------|--------|
|       | DIMENSIONS IN INCHES.<br>DO NOT SCALE PRINT.<br>TOLERANCES UNLESS<br>OTHERWISE SPECIFIED: | MATL                     | -       | HT TR       | -       | FIN                                                                                                                                 | -      |
|       | 3 PLC DEC ±                                                                               | DR C,ERISMAN             | 18DEC00 | APP T,ELBIN | 18DEC00 |  AMP Incorporated<br>Harrisburg, PA 17105-3609 |        |
| FEB04 | 4 PLC DEC ±                                                                               | CHK C,ERISMAN            | 19DEC0  | REL         | -       |                                                                                                                                     |        |
| JAN04 | ANGLES ±                                                                                  | NAME                     |         |             |         | MACHINE REF                                                                                                                         |        |
| OCT03 | SURF TEXTURE: ✓                                                                           | SIDE FEED HDM APPLICATOR |         |             |         | MINI APPL                                                                                                                           |        |
| 01/01 | REMOVE BURRS, BREAK                                                                       | SCALE                    | -       | D           | DWG NO  | 1385209                                                                                                                             | SHEET  |
| DATE  | SHARP EDGES R.015 MAX                                                                     |                          |         |             |         |                                                                                                                                     | 1 of 1 |
|       |                                                                                           |                          |         |             |         |                                                                                                                                     | REV C  |