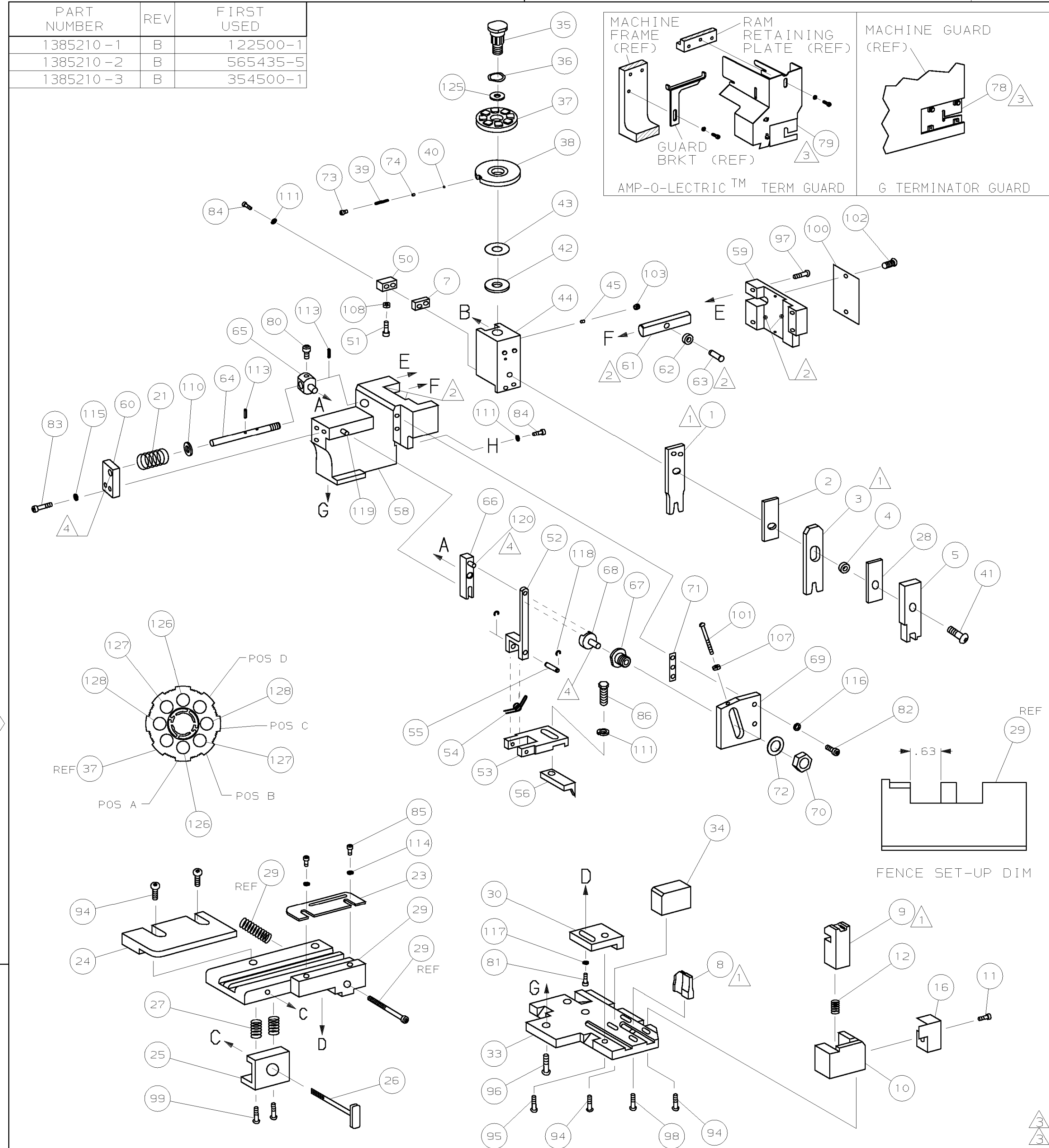


| PART<br>NUMBER | REV | FIRST<br>USED |
|----------------|-----|---------------|
| 1385210 -1     | B   | 122500-1      |
| 1385210 -2     | B   | 565435-5      |
| 1385210 -3     | B   | 354500-1      |



POST FEED 1 5/8 STROKE

PRE FEED 1/8 STROKE

PRE FEED 1 5/8 STROKE

ROTATED 180°

ROTATED 180°

ROTATED 180°

K TERMINATOR

G TERMINATOR

LEADMAKER

BENCH MACHINE

|      |    |
|------|----|
| Loc  | A  |
| Dist | 66 |

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.

|                    |  |                |  |                   |                           |                  |                         |             |        |
|--------------------|--|----------------|--|-------------------|---------------------------|------------------|-------------------------|-------------|--------|
| TERMINAL NAME: TAB |  |                |  |                   |                           |                  |                         |             |        |
| AMP PN             |  | MFR PN         |  | SUMITOMO TERMINAL |                           | AMP CRIMP SPECS  |                         |             |        |
| 286522             |  | 8230-4502      |  | PAD LTR           | CRIMP HEIGHT              |                  | WIRE SIZE               |             |        |
|                    |  |                |  | A                 | .057 ±.002 [1.45 ±0.05mm] |                  | 1.25mm <sup>2</sup>     |             |        |
|                    |  |                |  | B                 | .051 ±.002 [1.30 ±0.05mm] |                  | 0.85mm <sup>2</sup>     |             |        |
|                    |  |                |  | C                 | .047 ±.002 [1.20 ±0.05mm] |                  | 0.5mm <sup>2</sup>      |             |        |
|                    |  |                |  | D                 | NOT                       |                  | USED                    |             |        |
|                    |  |                |  | CRIMP             | SIZE                      | TYPE             | RANGE                   |             |        |
|                    |  |                |  | WIRE              | .087 [2.21mm]             | F                | 0.5-1.25mm <sup>2</sup> |             |        |
|                    |  |                |  | INSUL             | .105 [2.67mm]             | F                | .085 MAX                |             |        |
| WIRE STRIP LENGTH  |  | TERM APPL SPEC |  | FEED              |                           | APPL INSTRUCTION |                         | SET UP GAGE | LAYOUT |
| .203-.234          |  | NONE           |  | .391              |                           | 408-8040         |                         | 458637-1    | L1828  |

|                   |     |     |     |            |            |                                   |         |
|-------------------|-----|-----|-----|------------|------------|-----------------------------------|---------|
| 2                 | 2   | 2   | -   | C          | 3-354779-8 | PIN, WIRE DISC (.3180)C           | 129     |
| 2                 | 2   | 2   | -   | C          | 3-354779-0 | PIN, WIRE DISC (.3140)B           | 127     |
| 2                 | 2   | 2   | -   | C          | 1-354779-6 | PIN, WIRE DISC (.3070)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     |
|                   |     |     |     |            |            |                                   | 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 BLCK        | 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     |
| 4                 | 4   | 4   | -   | A          | 21024-4    | WASHER, LOCK (#8)STRIPPER         | 111     |
| REF               | REF | REF | -   | A          | 21899-4    | WASHER, FLAT (Ø5/16)SCREW ADJ     | 110     |
|                   |     |     |     |            |            |                                   | 109     |
| 1                 | 1   | 1   | -   | A          | 21018-5    | NUT, HEX (NO. 6)HOLDDOWN          | 108     |
| REF               | REF | REF | -   | A          | 21068-5    | NUT, HEX (6-32)FEED ADJ           | 107     |
|                   |     |     |     |            |            |                                   | 106     |
|                   |     |     |     |            |            |                                   | 105     |
| 1                 | 1   | -   | -   | A          | 992031-1   | PIN, CLEVIS                       | 104     |
| 1                 | 1   | 1   | -   | A          | 21009-2    | SCR, SKT 5ET(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      |
| 1                 | 1   | -   | -   | A          | 7-21000-9  | SCR, SHC (4-40x.19)STRIPPER       | 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      |
| 3                 | 3   | 3   | -   | A          | 2-21000-7  | SCR, SHC (8-32x.50)STRIPPER       | 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      |
| -3                | -2  | -1  | U/M | DWG SIZE   | PART NO    | DESCRIPTION                       | ITEM NO |
| QTY REQD PER ASSY |     |     |     | PARTS LIST |            |                                   |         |

| -1                                                                                                                                                                                                                          |     |     |     |             | 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 |                                                      |                    |
|                                                                                                                                                                                                                             |     |     |     |             |                                                           |            |                             | 57 |                                                      |                    |
| 1                                                                                                                                                                                                                           | 1   | 1   | 1   | -           | B                                                         | 690542-2   | 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                                                         | 455679-1   | 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   | -   | -           | B                                                         | 690501-4   | CAM, POST-FEED 1 5/8 ST     | 47 |                                                      |                    |
| 1                                                                                                                                                                                                                           | 1   | 1   | 1   | -           | B                                                         | 459456-1   | 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                                                         | 7-21002-9  | 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                                                         | 690786-2   | SUPPORT, TERMINAL           | 34 |                                                      |                    |
| REF                                                                                                                                                                                                                         | REF | REF | REF | -           | D                                                         | 455675-1   | PLATE, BASE                 | 33 |                                                      |                    |
|                                                                                                                                                                                                                             |     |     |     |             |                                                           |            |                             | 32 |                                                      |                    |
|                                                                                                                                                                                                                             |     |     |     |             |                                                           |            |                             | 31 |                                                      |                    |
| REF                                                                                                                                                                                                                         | REF | REF | REF | -           | B                                                         | 455689-1   | BLOCK, STRIP GUIDE ADJ      | 30 |                                                      |                    |
| 1                                                                                                                                                                                                                           | 1   | 1   | 1   | -           | C                                                         | 318042-1   | STRIP GUIDE PLATE ASSY      | 29 |                                                      |                    |
| 1                                                                                                                                                                                                                           | 1   | 1   | 1   | -           | C                                                         | 1-455888-0 | SPACER, FRONT SHEAR DEP     | 28 |                                                      |                    |
| 2                                                                                                                                                                                                                           | 2   | 2   | 2   | -           | A                                                         | 1-22284-0  | SPRING, DRAG                | 27 |                                                      |                    |
| 1                                                                                                                                                                                                                           | 1   | 1   | 1   | -           | B                                                         | 690546-1   | LEVER, DRAG RELEASE         | 26 |                                                      |                    |
| 1                                                                                                                                                                                                                           | 1   | 1   | 1   | -           | B                                                         | 240792-1   | DRAG, TERMINAL              | 25 |                                                      |                    |
| 1                                                                                                                                                                                                                           | 1   | 1   | 1   | -           | D                                                         | 9-690504-2 | GUIDE, STRIP (REAR)         | 24 |                                                      |                    |
| 1                                                                                                                                                                                                                           | 1   | 1   | 1   | -           | A                                                         | 690438-1   | GUIDE, STRIP (FRONT)        | 23 |                                                      |                    |
| -                                                                                                                                                                                                                           | -   | 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 |                                                      |                    |
|                                                                                                                                                                                                                             |     |     |     |             |                                                           |            |                             | 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   | 1   | -           | C                                                         | 690459-1   | HOLDER, SHEAR (FRONT)       | 10 |                                                      |                    |
| 1                                                                                                                                                                                                                           | 1   | 1   | 1   | -           | C                                                         | 454276-1   | SHEAR, FLOAT (FRONT)        | 9  |                                                      |                    |
| 1                                                                                                                                                                                                                           | 1   | 1   | 1   | -           | C                                                         | 8-683403-8 | ANVIL                       | 8  |                                                      |                    |
| 1                                                                                                                                                                                                                           | 1   | 1   | 1   | -           | C                                                         | 2-240641-0 | 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                                                         | 9-683453-8 | CRIMPER, INSULATION         | 3  |                                                      |                    |
| 1                                                                                                                                                                                                                           | 1   | 1   | 1   | -           | C                                                         | 1-455888-0 | SPACER, CRIMPER             | 2  |                                                      |                    |
| 1                                                                                                                                                                                                                           | 1   | 1   | 1   | -           | C                                                         | 7-568176-4 | CRIMPER, WIRE               | 1  |                                                      |                    |
| -3                                                                                                                                                                                                                          | -2  | -1  | U/M | DWG<br>SIZE | PART NO                                                   |            | DESCRIPTION                 |    | ITEM<br>NO                                           |                    |
|                                                                                                                                                                                                                             |     |     |     |             | ← REVISION OF EACH ASSY NO (WHEN BLANK, USE DWG REVISION) |            |                             |    |                                                      |                    |
| QTY REQD PER ASSY                                                                                                                                                                                                           |     |     |     |             | PARTS LIST                                                |            |                             |    |                                                      |                    |
| DIMENSIONS IN INCHES.<br>DO NOT SCALE PRINT.<br>TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:<br>2 PLC DEC ±.02<br>3 PLC DEC ±-.<br>4 PLC DEC ±-.<br>ANGLES ±-<br>SURF TEXTURE:<br>REMOVE BURRS, BREAK<br>SHARP EDGES R.015 MAX |     |     |     |             | MATL                                                      |            | HT TR                       |    | FIN                                                  |                    |
|                                                                                                                                                                                                                             |     |     |     |             | -                                                         |            | -                           |    | -                                                    |                    |
|                                                                                                                                                                                                                             |     |     |     |             | -                                                         |            | -                           |    | -                                                    |                    |
|                                                                                                                                                                                                                             |     |     |     |             | -                                                         |            | -                           |    | -                                                    |                    |
| DR C.ERISMAN<br>CHK -                                                                                                                                                                                                       |     |     |     |             | 04DEC00                                                   |            | APP T.ELBIN                 |    | AMP<br>AMP Incorporated<br>Harrisburg, PA 17105-3608 |                    |
|                                                                                                                                                                                                                             |     |     |     |             | REL -                                                     |            |                             |    |                                                      |                    |
| NAME                                                                                                                                                                                                                        |     |     |     |             | SIDE FEED HDM APPLICATOR                                  |            |                             |    | MACHINE REF<br>MINI APPL                             |                    |
| SCALE                                                                                                                                                                                                                       |     |     |     |             | 1                                                         |            | DWG NO<br>1385210           |    | SHEET<br>1 OF 1                                      | REV<br>B           |
| CASE CODE<br>00779                                                                                                                                                                                                          |     |     |     |             | CUSTOMER AND ASSEMBLY DRAWING                             |            |                             |    |                                                      | RESTRICTED TO<br>- |

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