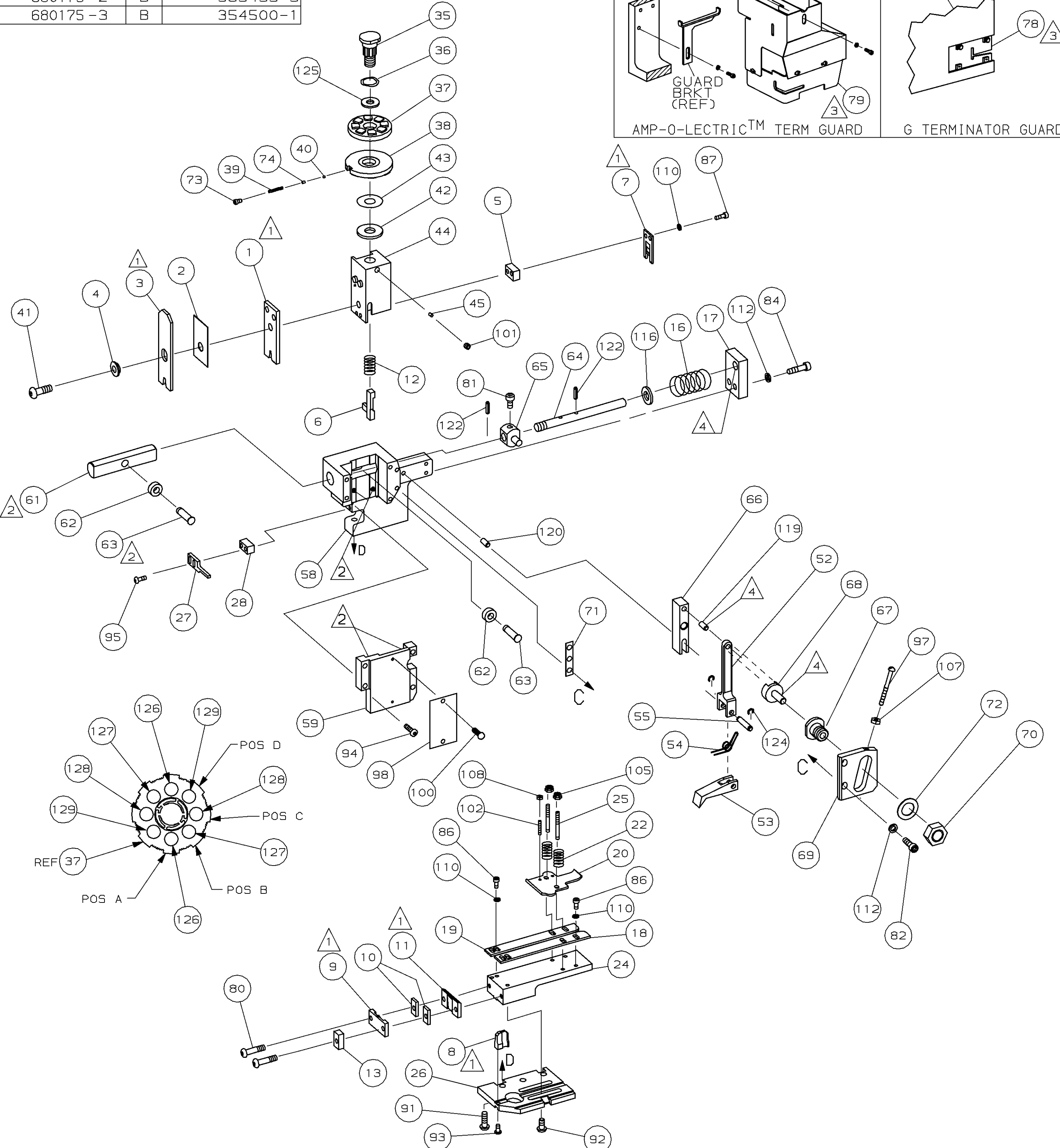
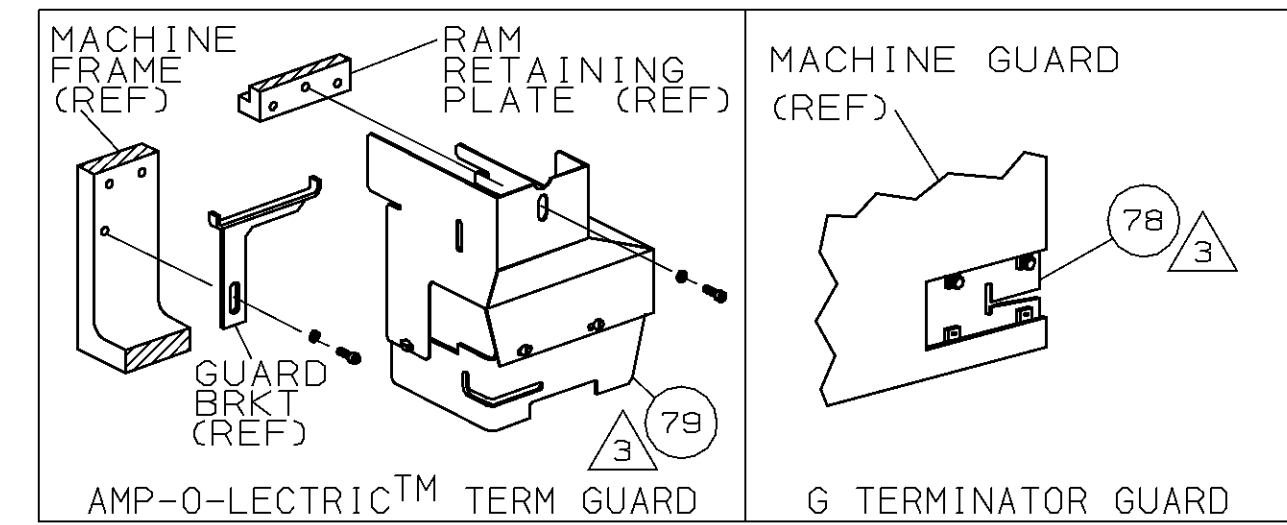


| PART NUMBER | REV | FIRST USED |
|-------------|-----|------------|
| 680175-1    | B   | 122500-1   |
| 680175-2    | B   | 565435-5   |
| 680175-3    | B   | 354500-1   |

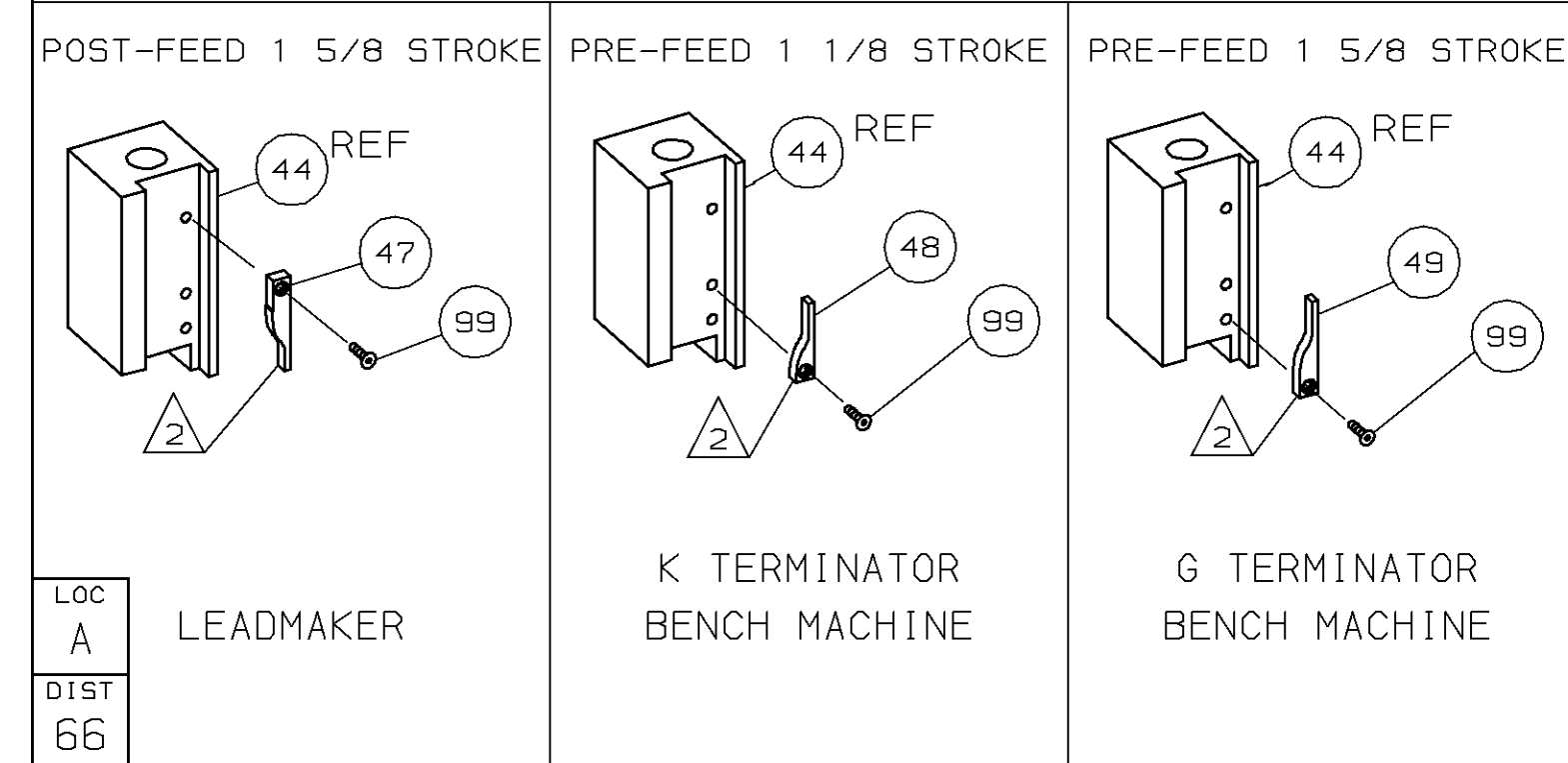


| TERMINAL NAME: 5mm FASTIN-FASTON™ TAB |                           |                         |                                       |                    |
|---------------------------------------|---------------------------|-------------------------|---------------------------------------|--------------------|
| 144838                                |                           |                         |                                       |                    |
| CRIMPING DATA                         |                           |                         |                                       |                    |
| PAD LTR                               | CRIMP HEIGHT              | WIRE SIZE               |                                       |                    |
| A                                     | .056 ±.002 [1.42 ±0.05mm] | 1mm <sup>2</sup>        |                                       |                    |
| B                                     | .053 ±.002 [1.35 ±0.05mm] | (2) 0.35mm <sup>2</sup> |                                       |                    |
| C                                     | .051 ±.002 [1.29 ±0.05mm] | 0.6mm <sup>2</sup>      |                                       |                    |
| D                                     | .047 ±.002 [1.19 ±0.05mm] | 0.35mm <sup>2</sup>     |                                       |                    |
| CRIMP                                 | SIZE                      | TYPE                    | RANGE                                 |                    |
| WIRE                                  | .090 [2.31mm]             | F                       | 0.35mm <sup>2</sup> -1mm <sup>2</sup> |                    |
| INSUL                                 | .130 [3.3mm]              | F                       | 1.3mm-2mm                             |                    |
| WIRE STRIP LENGTH                     | TERM APPL SPEC            | FEED                    | APPL INSTRUCTION                      | SET UP GAGE LAYOUT |
| -                                     | -                         | 1.082                   | 408-8039                              | 458638-1 L1655     |

| -1 LEADMAKER     |   | MECH POST FEED |     |            |                              |    |
|------------------|---|----------------|-----|------------|------------------------------|----|
| -2 BENCH MODEL K |   | MECH PRE FEED  |     |            |                              |    |
| -3 BENCH MODEL G |   | MECH PRE FEED  |     |            |                              |    |
| 1                | 1 | 1              | - A | 22594-8    | NUT, HEX                     | 70 |
| 1                | 1 | 1              | - B | 240628-1   | PLATE, ADJ                   | 69 |
| 1                | 1 | 1              | - B | 240626-1   | SHAFT, PIVOT                 | 68 |
| 1                | 1 | 1              | - B | 240633-1   | BUSHING                      | 67 |
| 1                | 1 | 1              | - A | 455680-1   | LEVER, INTERMEDIATE          | 66 |
| 1                | 1 | 1              | - B | 240629-1   | BLOCK, PIVOT                 | 65 |
| 1                | 1 | 1              | - A | 240632-2   | SCR, ADJ                     | 64 |
| 1                | 1 | 1              | - B | 240659-3   | PIN, CAM ROLLER              | 63 |
| 1                | 1 | 1              | - B | 240658-1   | CAM, ROLLER                  | 62 |
| 1                | 1 | 1              | - B | 454398-1   | ROD, FEED                    | 61 |
| 1                | 1 | 1              | - C | 454220-1   | CAP, RAM                     | 59 |
| 1                | 1 | 1              | - D | 453736-1   | HOUSING                      | 58 |
| 1                | 1 | 1              | - B | 240624-1   | PIN, FEED FINGER             | 55 |
| 1                | 1 | 1              | - B | 691499-1   | SPRING, FEED FINGER          | 54 |
| 1                | 1 | 1              | - B | 690626-5   | FINGER, FEED                 | 53 |
| 1                | 1 | 1              | - B | 240634-1   | LEVER, TERMINAL              | 52 |
| 1                | 1 | 1              | - B | 690602-6   | CAM, PRE-FEED 1 5/8 ST       | 49 |
| 1                | 1 | 1              | - B | 690602-5   | CAM, PRE-FEED 1 1/8 ST       | 48 |
| 1                | 1 | 1              | - B | 690501-4   | CAM, POST-FEED 1 5/8 ST      | 47 |
| 1                | 1 | 1              | - A | 690191-1   | PLUG, NYLON                  | 45 |
| 1                | 1 | 1              | - C | 455674-1   | 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 (5/16-24x1.00) | 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 |
| 1                | 1 | 1              | - A | 455674-1   | RAM                          | 34 |
| 1                | 1 | 1              | - C | 455674-1   | RAM                          | 33 |
| 1                | 1 | 1              | - A | 690125-1   | WASHER, LAMINATED            | 32 |
| 1                | 1 | 1              | - A | 690124-1   | WASHER, RAM                  | 31 |
| 1                | 1 | 1              | - A | 7-21002-9  | BOLT, CRIMPER (5/16-24x1.00) | 30 |
| 1                | 1 | 1              | - A | 23241-6    | BALL, STEEL                  | 29 |
| 1                | 1 | 1              | - A | 690170-1   | SPRING, COMPRESSION          | 28 |
| 1                | 1 | 1              | - C | 690142-1   | DISC, INSULATION             | 27 |
| 1                | 1 | 1              | - D | 354777-1   | WIRE DISC, PLASTIC           | 26 |
| 1                | 1 | 1              | - A | 22480-5    | WASHER, SPRING               | 25 |
| 1                | 1 | 1              | - B | 690212-1   | POST, RAM                    | 24 |
| 1                | 1 | 1              | - A | 455678-6   | PLATE, STRIP GUIDE           | 23 |
| 2                | 2 | 2              | - A | 4-22281-1  | SPRING, DRAG                 | 22 |
| 1                | 1 | 1              | - A | 454177-1   | DRAG, STOCK                  | 21 |
| 1                | 1 | 1              | - B | 4-458030-7 | GUIDE, STRIP (REAR)          | 19 |
| 1                | 1 | 1              | - C | 4-458031-7 | GUIDE, STRIP (FRONT)         | 18 |
| 1                | 1 | 1              | - A | 454178-1   | GUIDE, FEED ROD              | 17 |
| 1                | 1 | 1              | - A | 4-22284-9  | SPRING, FEED RETURN          | 16 |
| 1                | 1 | 1              | - C | 1-690481-0 | SPACER, HOLD DOWN            | 13 |
| 1                | 1 | 1              | - A | 23846-1    | SPRING, HOLD DOWN            | 12 |
| 1                | 1 | 1              | - B | 691901-2   | PLATE, REAR SHEAR            | 11 |
| 2                | 2 | 2              | - C | 1-240645-6 | SPACER, SHEAR PLATE          | 10 |
| 1                | 1 | 1              | - B | 690783-3   | PLATE, FRONT SHEAR           | 9  |
| 1                | 1 | 1              | - D | 5-240655-0 | ANVIL                        | 8  |
| 1                | 1 | 1              | - B | 691157-3   | BLADE, SLUG                  | 7  |
| 1                | 1 | 1              | - D | 3-455892-1 | HOLD DOWN, TERMINAL          | 6  |
| 1                | 1 | 1              | - C | 7-240641-7 | SPACER, SLUG BLADE           | 5  |
| 1                | 1 | 1              | - B | 238009-1   | SPACER, BLOCK CRIMPER        | 4  |
| 1                | 1 | 1              | - C | 1-456134-9 | CRIMPER, INSULATION          | 3  |
| 1                | 1 | 1              | - B | 455888-4   | SPACER, CRIMPER              | 2  |
| 1                | 1 | 1              | - C | 1-456406-6 | CRIMPER, WIRE                | 1  |

| QTY | REQD | PER | ASSY | PART NO  | DESCRIPTION | ITEM NO                          |         |
|-----|------|-----|------|----------|-------------|----------------------------------|---------|
| 2   | 2    | 2   | -    | C        | 3-354779-6  | PIN, WIRE DISC (.3170)D          | 129     |
| 2   | 2    | 2   | -    | C        | 2-354779-8  | PIN, WIRE DISC (.3130)C          | 128     |
| 2   | 2    | 2   | -    | C        | 2-354779-2  | PIN, WIRE DISC (.3100)B          | 127     |
| 2   | 2    | 2   | -    | C        | 1-354779-8  | PIN, WIRE DISC (.3080)A          | 126     |
| 1   | 1    | 1   | -    | A        | 986950-1    | WASHER, FLAT PRECISION           | 125     |
| 2   | 2    | 2   | -    | A        | 21045-3     | RING, RET "C" (Ø.187)FD PIN      | 124     |
| 2   | 2    | 2   | -    | A        | 5-21028-1   | PIN, STD SPRING (Ø.12)FD ADJ ROD | 122     |
| 1   | 1    | 1   | -    | A        | 1-21030-7   | PIN, DOWEL (Ø.187x1.50)HSG       | 120     |
| 1   | 1    | 1   | -    | A        | 1-21030-1   | PIN, DOWEL (Ø.187x.50)LEVER      | 119     |
| 1   | 1    | 1   | -    | A        | 21899-4     | WASHER, FLAT (Ø5/16) SCR ADJ     | 116     |
| 4   | 4    | 4   | -    | A        | 21024-5     | WASHER, LOCK (NO.10)FD ROD GDE   | 112     |
| 6   | 6    | 6   | -    | A        | 21024-4     | WASHER, LOCK (NO.8) SHEAR BL     | 110     |
| 2   | 2    | 2   | -    | A        | 21018-4     | NUT, HEX (4-40) DRAG             | 108     |
| 1   | 1    | 1   | -    | A        | 21018-5     | NUT, HEX (6-32)FD ADJ PL         | 107     |
| 2   | 2    | 2   | -    | A        | 21022-2     | NUT, HEX SL (8-32)DRAG STUD      | 105     |
| 2   | 2    | 2   | -    | A        | 2-21006-6   | SCR, SKT SET (4-40x.62)DRAG      | 102     |
| 1   | 1    | 1   | -    | A        | 21009-2     | SCR, SKT SET (1/4-20x.25 )RAM    | 101     |
| 2   | 2    | 2   | -    | A        | 21017-2     | SCR, DRIVE (#2x.19) ID PLATE     | 100     |
| 1   | 1    | 1   | -    | A        | 1-21002-7   | SCR, BHC (6-32x.38) CAM          | 99      |
| 1   | 1    | 1   | -    | B        | 461264-1    | PLATE, IDENTIFICATION            | 98      |
| 1   | 1    | 1   | -    | A        | 6-23715-5   | SCR, PAN HD (6-32x1.50)FEED ADJ  | 97      |
| 2   | 2    | 2   | -    | A        | 2-21002-2   | SCR, BHC (8-32x.50) STRIPPER     | 95      |
| 4   | 4    | 4   | -    | A        | 2-21002-9   | SCR, BHC (10-32x.75)HSG CAP      | 94      |
| 1   | 1    | 1   | -    | A        | 22733-8     | SCR, BHC (8-32x.38 LW) ANVIL     | 93      |
| 4   | 4    | 4   | -    | A        | 3-21002-3   | SCR, BHC (1/4-20x.50) ST GD PL   | 92      |
| 3   | 3    | 3   | -    | A        | 2-22733-8   | SCR, BHC (1/4-20x.62)BASE PL     | 91      |
| 1   | 1    | 1   | -    | A        | 690603-1    | SPRING, ASSIST                   | 74      |
| 1   | 1    | 1   | -    | A        | 23030-1     | SCR, SKT CAP (6-32x.25)CP DSC    | 73      |
| 1   | 1    | 1   | -    | A        | 458109-1    | WASHER, FLAT (SPECIAL)           | 72      |
| 1   | 1    | 1   | -    | A        | 690517-1    | SPACER                           | 71      |
| -3  | -2   | -1  | U/M  | DWG SIZE | PART NO     | DESCRIPTION                      | ITEM NO |
| 1   | 1    | 1   | -    | A        | 690603-1    | SPRING, ASSIST                   | 74      |
| 1   | 1    | 1   | -    | A        | 23030-1     | SCR, SKT CAP (6-32x.25)CP DSC    | 73      |
| 1   | 1    | 1   | -    | A        | 458109-1    | WASHER, FLAT (SPECIAL)           | 72      |
| 1   | 1    | 1   | -    | A        | 690517-1    | SPACER                           | 71      |
| REF | -    | -   | -    | A        | 455745-1    | GUARD, WINDOW                    | 79      |
| REF | -    | -   | -    | A        | 679532-1    | INSERT, GUARD                    | 78      |
| 1   | 1    | 1   | -    | A        | 77          |                                  | 77      |
| 1   | 1    | 1   | -    | A        | 76          |                                  | 76      |
| 1   | 1    | 1   | -    | A        | 75          |                                  | 75      |
| 1   | 1    | 1   | -    | A        | 690603-1    | SPRING, ASSIST                   | 74      |
| 1   | 1    | 1   | -    | A        | 23030-1     | SCR, SKT CAP (6-32x.25)CP DSC    | 73      |
| 1   | 1    | 1   | -    | A        | 458109-1    | WASHER, FLAT (SPECIAL)           | 72      |
| 1   | 1    | 1   | -    | A        | 690517-1    | SPACER                           | 71      |

| QTY | REQD | PER | ASSY | PART NO | DESCRIPTION | ITEM NO                       |    |
|-----|------|-----|------|---------|-------------|-------------------------------|----|
| 1   | 1    | 1   | -    | A       | 690603-1    | SPRING, ASSIST                | 74 |
| 1   | 1    | 1   | -    | A       | 23030-1     | SCR, SKT CAP (6-32x.25)CP DSC | 73 |
| 1   | 1    | 1   | -    | A       | 458109-1    | WASHER, FLAT (SPECIAL)        | 72 |
| 1   | 1    | 1   | -    | A       | 690517-1    | SPACER                        | 71 |
| REF | -    | -   | -    | A       | 455745-1    | GUARD, WINDOW                 | 79 |
| REF | -    | -   | -    | A       | 679532-1    | INSERT, GUARD                 | 78 |
| 1   | 1    | 1   | -    | A       | 77          |                               | 77 |
| 1   | 1    | 1   | -    | A       | 76          |                               | 76 |
| 1   | 1    | 1   | -    | A       | 75          |                               | 75 |
| 1   | 1    | 1   | -    | A       | 690603-1    | SPRING, ASSIST                | 74 |
| 1   | 1    | 1   | -    | A       | 23030-1     | SCR, SKT CAP (6-32x.25)CP DSC | 73 |
| 1   | 1    | 1   | -    | A       | 458109-1    | WASHER, FLAT (SPECIAL)        | 72 |
| 1   | 1    | 1   | -    | A       | 690517-1    | SPACER                        | 71 |



- 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.

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