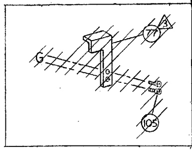
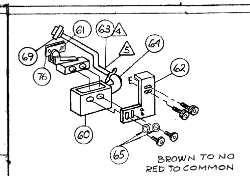
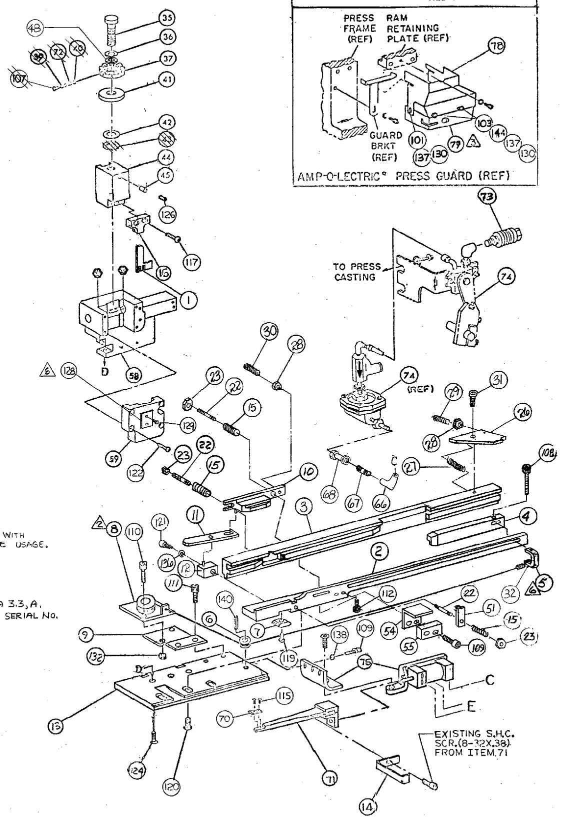
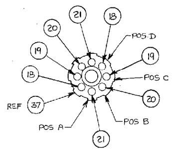



NOTES:

1. ONLY THE ITEMS WITH QUANTITIES SPECIFIED ON PARTS LIST ARE USED ON THIS APPLICATOR.

⚠3 GUARD MUST BE IN PLACE WHEN OPERATING APPLICATOR IN AMP-O-LECTRIC PRESS.

⚠4 LOOSE PIECE TERMINALS SHIPPED WITH ITEM 63. SEE SHEET 2 FOR POSSIBLE USAGE.

⚠5 SEE SHEET 2 FOR INSTALLATION OF INTERLOCK SWITCH AND CABLE, ITEMS 61 AND 63.

⚠6 IDENTIFY PER SPEC 106-2, PARA 3.3, A. STAMP PN 466728-1, MTA .100 ℄ & SERIAL NO.

KEY:

- ■ RECOMMENDED SPARE PARTS.
- ▲ LUBRICATE DAILY USING NO. 20 MACHINE OIL
- ⬢ GREASE LIGHTLY

| QTY | PART NO | DESCRIPTION | ITEM NO |
|---|---|---|---|
| 1 | 820274-1 | DOCUMENTATION PACKAGE | 145 |
| 2 | 26928-3 | SPACER, SPLIT ROLLED (#8X.50) GUARD | 144 |
| | | | 143 |
| | | | 142 |
| 1 | 21029-9 | PIN, SLOT. SPG. (.187 X 1.00) HOUSING, DRAG | 141 |
| 1 | 21029-4 | PIN, SLOT. SPG. (.187X.62) PULLEY | 140 |
| | | | 139 |
| 3 | 21023-6 | WASHER, FLAT (#8) AIR FEED ASS'Y | 138 |
| 7 | 21023-6 | WASHER, FLAT (#8) GUARD | 137 |
| 1 | 21024-3 | WASHER, LOCK (#6) | 136 |
| | | | 135 |
| | | WASHER, LOCK (#4) STOP, HOUSING | 134 |
| | | | 133 |
| 2 | 21022-3 | NUT, HEX. SELF-LKG (10-32) REEL, RETRIEVER | 132 |
| | | | 131 |
| 3 | 21018-6 | NUT, HEX. MACH. (8-32) GUARD | 130 |
| 2 | 21017-2 | SCR, DRIVE, #2 x .19 | 129 |
| 1 | 464249-1 | PLATE, IDENTIFICATION | 128 |
| | | SCR, SOC. SET (SPECIAL) DRAG ADJ. | 127 |
| 1 | 21009-2 | SCR. SOC. SET (1/4-20X.25) (LOC-WELL) RAM | 126 |
| | | SCR, SOC. SET (8 32 X .19) DRAG ADJ. | 125 |
| 3 | 2-22733-9 | SCR, BTN. HD. SOC. CAP (1/4-20X.75) (LOC-WEL) PLT. | 124 |
| | | SCR, BTN. HD. SOC. CAP | 123 |
| 4 | 2-21002-9 | SCR, BTN. HD. SOC. CAP (10-32X.75) CAP, RAM | 122 |
| 1 | 2-21000-0 | SCR, SOC. HD. SOC. CAP (6-32X.50) HOLDER, DRAG | 121 |
| 3 | 2-21002-6 | SCR, BTN. HD. SOC. CAP (10-32X.38) TRACK, HOUS. | 120 |
| 1 | 2-21002-6 | SCR, BTN. HD. SOC. CAP (10-32X.38) LOCATOR, F.T. | 119 |
| | | SCR, BTN. HD. SOC. CAP | 118 |
| 2 | 2-21002-1 | SCR, BTN. HD. SOC. CAP (8-32X.38) STUFFER, WIRE | 117 |
| | | SCR, BTN. HD. SOC. CAP | 116 |
| 2 | 1-21000-4 | SCR, [illegible] HD. SOC. CAP (4-40X.38) TIP, F. FINGER | 115 |
| | | | 114 |
| | | | 113 |
| 5 | 1-21000-9 | SCR, SKT. HD. CAP (6-32 X.38) BLOCK, F. GUIDE | 112 |
| 2 | 3-21000-4 | SCR, SKT. HD. CAP (10-32X.375) MOUNT, RET. REEL | 111 |
| 2 | 3-21000-4 | SCR, SKT. HD. CAP (10-32X.375) REEL, RETRIEVER | 110 |
| 5 | 2-21000-8 | SCR, SKT. HD. CAP (8-32X.62) AIR FEED ASS'Y | 109 |
| 1 | 1-21000-7 | SCR, SKT. HD. CAP (4-40x.75) PUSHER | 108 |
| ~~1~~ | ~~23030-1~~ | ~~SCR, SKT. HD. CAP (6-32X.25) (LOC-WELL) DISC~~ | 107 |
| | | | 106 |
| – | 7-21000-9 | SCR, SKT. HD. CAP (4-40X.18) GUARD, AIR CYL. | 105 |
| | | | 104 |
| 2 | 7-22468-4 | SCR, BIND. HD. MACH. (8-32X.88) GUARD | 103 |
| | | | 102 |
| 1 | 7-22468-0 | SCR, BIND. HD. MACH. (8-32X.38) GUARD | 101 |
| 1 | 461870-2 | GUARD, WINDOW ⚠3 | 79 |
| 1 | 457133-1 | SHROUD | 78 |
| ~~1~~ | ~~463258-1~~ | ~~GUARD, AIR CYLINDER~~ ⚠3 | 77 |
| 1 | 465803-1 | NUT, MOUNTING | 76 |
| 1 | 460277-5 | AIR FEED ASSEMBLY ⚠4 | 75 |
| 1 | ~~692655-1~~ | AIR FEED VALVE ASSEMBLY 692655-5 ⚠4 | 74 |
| ~~1~~ | ~~24042-2~~ | ~~VALVE, 3 WAY SLEEVE (SHUT OFF)~~ | 73 |
| ~~1~~ | ~~690603-1~~ | ~~SPRING ASSIST~~ | 72 |
| 1 | 1-460680-1 | FEED FINGER ASSEMBLY ⚠4 | 71 |
| 1 | 463090-3 | TIP, FEED FINGER ■ | 70 |
| 1 | 22787-2 | CONNECTOR, BOX | 69 |
| 1 | 22302-1 | COUPLING, FEMALE | 68 |
| 1 | 22313-5 | NIPPLE | 67 |
| 1 | 22306-1 | ELBOW, STREET 90° | 66 |
| 2 | 21023-6 | FLAT WASHER, LIGHT-SERIES #8 | 65 |
| 1 | 22803-1 | CONNECTOR, 90° BOX | 64 |
| 1 | 465918-1 | WIRE, SJO TERMINATED | 63 |
| 1 | 462453-2 | BRACKET, SWITCH | 62 |
| 1 | 23699-1 | SWITCH, MICRO | 61 |
| 1 | 23486-1 | COVER, MICRO SWITCH | 60 |

| QTY | PART NO | DESCRIPTION | ITEM NO |
|---|---|---|---|
| 1 | 461867-1 | CAP, RAM | 59 |
| 1 | 462179-1 | HOUSING | 58 |
| | | | 57 |
| | | | 56 |
| 1 | 684235-1 | BLOCK, RETAINER, FINGER | 55 |
| 1 | 684236-1 | BRACKET, RETAINER, FINGER | 54 |
| | | | 53 |
| | | | 52 |
| 1 | 681118-1 | LOCATOR, HOUSING | 51 |
| | | | 50 |
| | | | 49 |
| 1 | 986950-1 | WASHER, FLAT, PRECISION | 48 |
| | | | 47 |
| | | | 46 |
| 1 | 690191-1 | PLUG, NYLON | 45 |
| 1 | 461865-1 | RAM | 44 |
| ~~1~~ | ~~690125-1~~ | ~~WASHER, LAMINATED~~ | 43 |
| 1 | 690124-9 | WASHER, RAM | 42 |
| 1 | 690223-1 | SPACER, DISC | 41 |
| ~~1~~ | ~~23241-6~~ | ~~BALL, STEEL~~ | 40 |
| ~~1~~ | ~~690170-1~~ | ~~SPRING, COMPRESSION~~ | 39 |
| | | | 38 |
| 1 | 354777-1 | DISC, WIRE | 37 |
| 1 | 22480-5 | WASHER, SPRING | 36 |
| 1 | 690212-1 | POST, RAM | 35 |
| | | | 34 |
| | | | 33 |
| 1 | 25745-1 | SPLIT RING #6 | 32 |
| 1 | 21989-6 | SCR., SOC. SHLD. .188 DIA. X .125 | 31 |
| 1 | 2-21006-3 | SCR., SOC. SET 4-40 X .38 | 30 |
| 1 | 2-21006-6 | SCR., SOC SET 4-40 X .62 | 29 |
| 2 | 21018-4 | NUT, HEX MACH. 4-40 | 28 |
| 1 | 22278-5 | SPRING, COMPRESSION | 27 |
| 1 | 467328-1 | LATCH, PUSHER | 26 |
| | | | 25 |
| | | | 24 |
| 3 | 21022-2 | NUT, HEX SELF LKG (8-32) | 23 |
| 3 | 22354-6 | STUD, DRAG | 22 |
| 2 | 5-354778-7 | PIN, WIRE DISC .2780, A PAD | 21 |
| 2 | 6-354778-9 | PIN, WIRE DISC .2840, B PAD | 20 |
| 2 | 8-354778-1 | PIN, WIRE DISC .2900, C PAD | 19 |
| 2 | 9-354778-3 | PIN, WIRE DISC .2960, D PAD | 18 |
| | | | 17 |
| 1 | 467349-1 | HOLDER, WIRE, STUFFER | 16 |
| 3 | 2-22280-6 | SPRING, DRAG | 15 |
| 1 | 462299-1 | RELEASE, FEED | 14 |
| 1 | 461869-1 | PLATE, BASE | 13 |
| 1 | 468805-1 | BLOCK, DRAG PIVOT ASS'Y | 12 |
| 1 | 468806-1 | HANDLE, DRAG RELEASE | 11 |
| 1 | 467327-1 | DRAG | 10 |
| 1 | 461864-1 | MOUNT, REEL | 9 |
| 1 | 462300-1 | REEL, RETRIEVER | 8 |
| 1 | 461856-1 | LOCATOR, FEED TRACK | 7 |
| 1 | 461859-1 | PULLEY, PUSHER | 6 |
| 1 | 468810-1 | BRKT., CABLE CONNECTOR | 5 |
| 1 | 468867-1 | PUSHER, HOUSING | 4 |
| 1 | 468869-1 | GUIDE, HOUSING | 3 |
| 1 | 468870-1 | TRACK, HOUSING | 2 |
| 1 | 467348-1 | STUFFER, WIRE, INSERT ■ | 1 |

| APPLICATOR WILL APPLY | |
|---|---|
| #22 A.W.G. | |
| 690440 | 641190 |
| 641237 | 643562 |
| 643813 | |
| #24 A.W.G. | |
| 690441 | 641191 |
| 641238 | 641535 |
| #26 A.W.G. | |
| 690442 | 641192 |
| 641239 | |
| #28 A.W.G. | |
| 690443 | 641193 |
| 641240 | |

| REMARKS | NO | REV |
|---|---|---|
| | TO APPLY TERMINAL | |

| APPL USED ON MACHINE PART NO | MACH SERIAL NO | DISTRIBUTION |
|---|---|---|
| CUSTOMER NAME | APPL SERIAL NO | ORIGINAL |
| ADDRESS | PURCHASE ORDER | CUSTOMER COPY |
| CITY | ENG APP | FIELD ENG COPY |

| WIRE RANGE | INSULATION RANGE | PRESS NO |
|---|---|---|
| #22-#28 | .060 DIA MAX | 565435-5 |

REMARKS
FOR INSERTION DEPTH OF WIRE IN HOUSING SEE AMP SPECIFICATION 114-1019

SHEET 1 OF 2

~~I.D. PLATE (REF) 464249-1~~

| LTR | REVISION RECORD | APP | DATE |
|---|---|---|---|
| V1 | REVISED PER ECN-21-128064 | GK/TE | 24NOV2021 |
| V | ECN 0150-0104-00 | | 2-00 |
| U | ECN 0150-9329-99 | | 5-99 |
| T | 0150-5859-95 | | 1/95 |
| S | ECN 0150-5163-94 | | 2/94 |
| R | REV A-093488 | | |
| P | ECN R 7591 | | 8-13-87 |
| N | ECN R-7209 | | 11/13/86 |
| M1 | REV PER R-5570 | | 3-84 |
| M | REV PER ECN R5201 | | 5-2-83 |
| L | REV PER ECN R 4951 | | 2-17-83 |
| K1 | REDRAWN W/O CHAN R4900 | | 1-26-83 |

6-643813 PL. INST. AI-8054

DR 1-2-83 CHK 1/83 REL 2/2/83

LOC A D NO 466728-1 REV V1

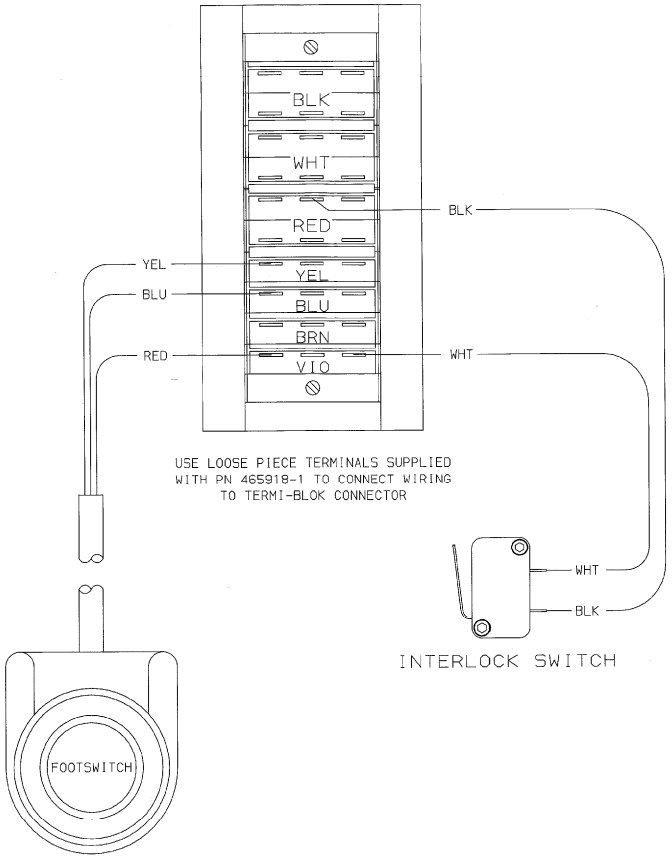
TE Connectivity

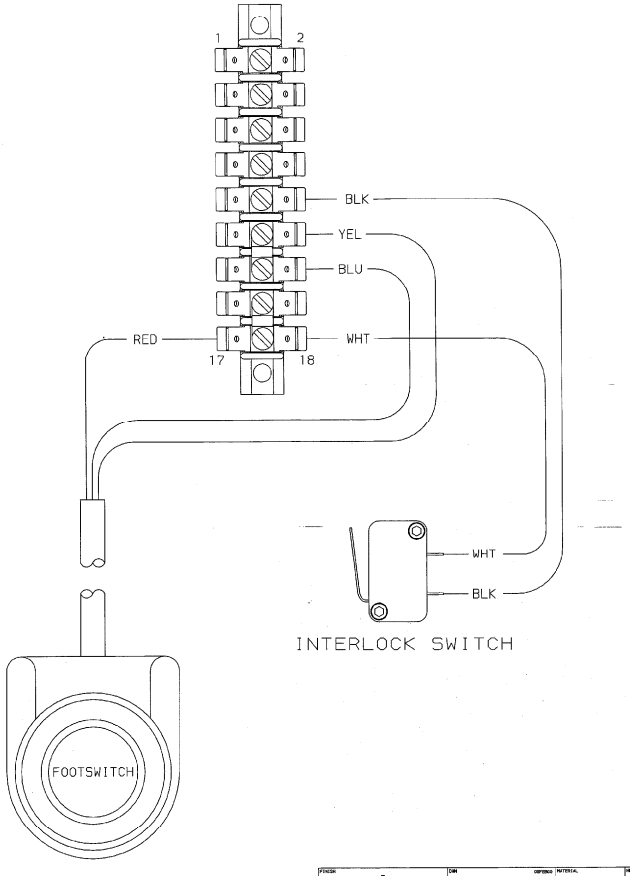
NAME MINIATURE QUICK CHANGE APPLICATOR MTA CONN. .100 ℄ (CABLE TO HOUSING).

CAGE CODE 00779 CUSTOMER AND ASSEMBLY DRAWING

DIST 66

THIS DRAWING IS A CONTROLLED DOCUMENT.




| | | | | | |
|---|---|---|---|---|---|
| V | - | SEE SHEET 1 | - | - | - |
| P | LTR | REVISION RECORD | DATE | DWN | APVD |

FINISH: -
DIMENSIONS: IN
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±; 1 PLC ±; 2 PLC ±; 3 PLC ±; 4 PLC ±
DWN: M. YOUNGER
CHK: -
APVD: M. HERSHEY
NAME: MTA CONN .100¢ (CABLE TO HOUSING
SCALE: 1:1
SIZE: A1
DRAWING NO: 466728-1
SHEET: 2 OF 2
REV: V1
NOT A CAD DRAWING.

TE Connectivity

LOC A
DIST 66