

PRODUCT MANUAL- M081 REV E

MODEL 700 & 700T ***CROWN PUNCH CAN OPENER***



Please read thoroughly before operation and keep for future reference.

WARRANTY VOID IF SERVICED BY OTHER THAN FACTORY AUTHORIZED AGENCY.

Model 700 Crown Punch Can Opener

SAFETY PRECAUTIONS



WARNING!

- 1) Do not allow any person near knife or can top while machine is being operated. The high forces of rack and pinion that operate the blade can cause serious injuries. Two hand operation (one on the handle and one to hold the top) and guards keep the operator away from the sharp knife. Wear hand protection when handling knives, open cans and lids.
- 2) Be careful of sharp surfaces while cleaning, repairing or adjusting.
- 3) Check knife for wear, cracks, dents or bent teeth that could cause metal slivers or food trap areas that are difficult to sanitize and could lead to sickness or internal injuries if can contents become contaminated. Replace or return to the factory for repair if damaged.
- 4) Inspect the machine before and after operating each day or shift and after any change or adjustment for:
 - 1) Loose screws,
 - 2) That the knock-out pins are straight and line up with holes in the blade backing plate and that the mounting screws are tight,
 - 3) That all covers and guards are in place,
 - 4) That there isn't any broken welds and,
 - 5) That the machine has been cleaned thoroughly.

INSTRUCTIONS FOR USE

Your model #700 Crown Punch is shipped to you ready for use. In some case it may be necessary to install the handle. See next page for (part #) references.

If necessary to install handle:

1. Loosen or remove spring detent screw (S068) and stop screw (S044) so that detent will not interfere with handle installation
2. Remove hex head screw (S040) and washer (W030) from end of shaft (S114)
3. Hold ram (R012) and/or knife (A700) in full up position while placing square hole in handle over squared end of shaft. **Handle must be in full up position to properly mate with full up position of ram.** Be sure fully rounded portion at end of handle is forward, relief to rear.
4. Replace washer and hex head screw and fully tighten.
5. Replace and/or tighten spring detent screws.
6. Test handle operation.
7. If handle will not return to full up position against column, or if knife sticks our below guard ruing when handle is up, reinstall handle in proper mating position (Steps 1-6).

Start-up Procedure:

1. We recommend that you bolt, screw, or clamp the opener to a table. (Hole provided in rear of base plate behind vertical column.) "C"-clamp may be used over rear edge of table.
2. Check height of head in relation to can height. This height was factory set for your provided can size. Bottom of guard rung should be approximately 3/16" above top of can. Head height is adjustable by loosening large hex screws behind column and manually lifting or lowering head assembly. Be sure hex screws are tightened securely to prevent slippage of head during can operation.
3. For easiest operation, insert can against locating tab on guard ring and pull handle down firmly and quickly.

Lid Removal:

The can lid remains jammed in knife until lid stripper pins pushes it back into the can during knife withdrawal. If lid remains in knife, make sure stripper pins (P016) are in place and that knife is retracting all the way. This may be a sign that the knife is loose. Check knife-retaining clip (C084) for wear.

Splashing:

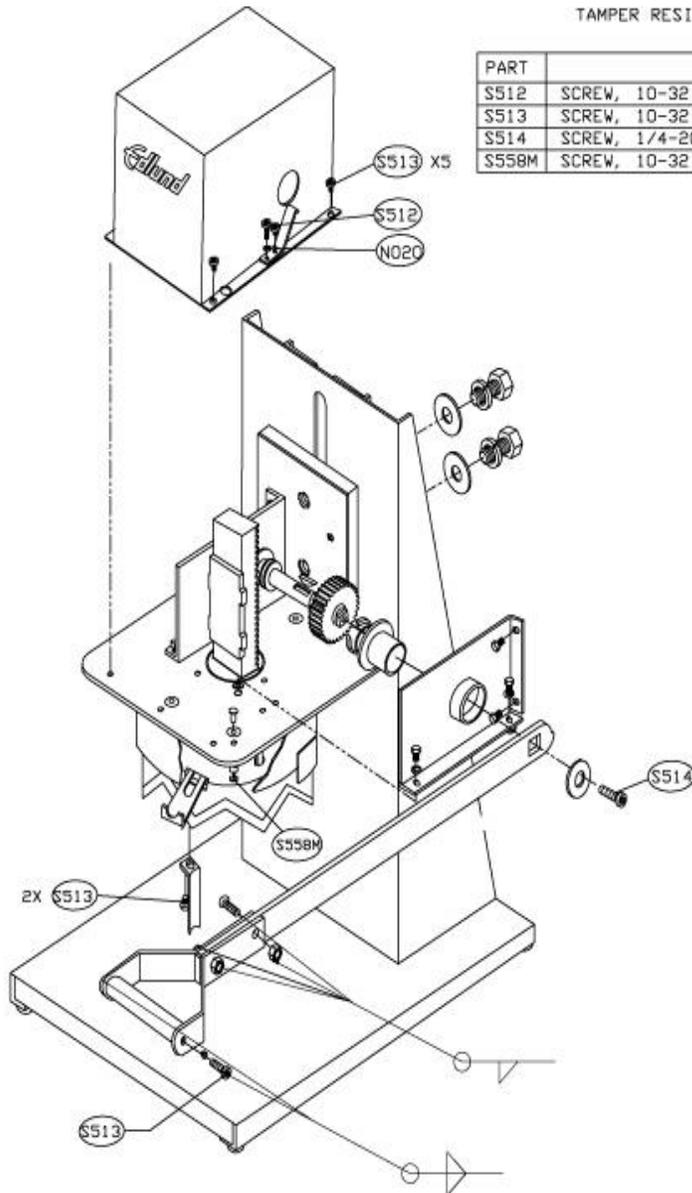
If excessive product splash is encountered, can lid is probably being carried down into product. Raise head by trial error until minimum penetration of knife is achieved. Can lid should not move down into can by more than 1/16" after breakthrough. When properly adjusted, make note of guard ring height above top of can to speed future set-up.

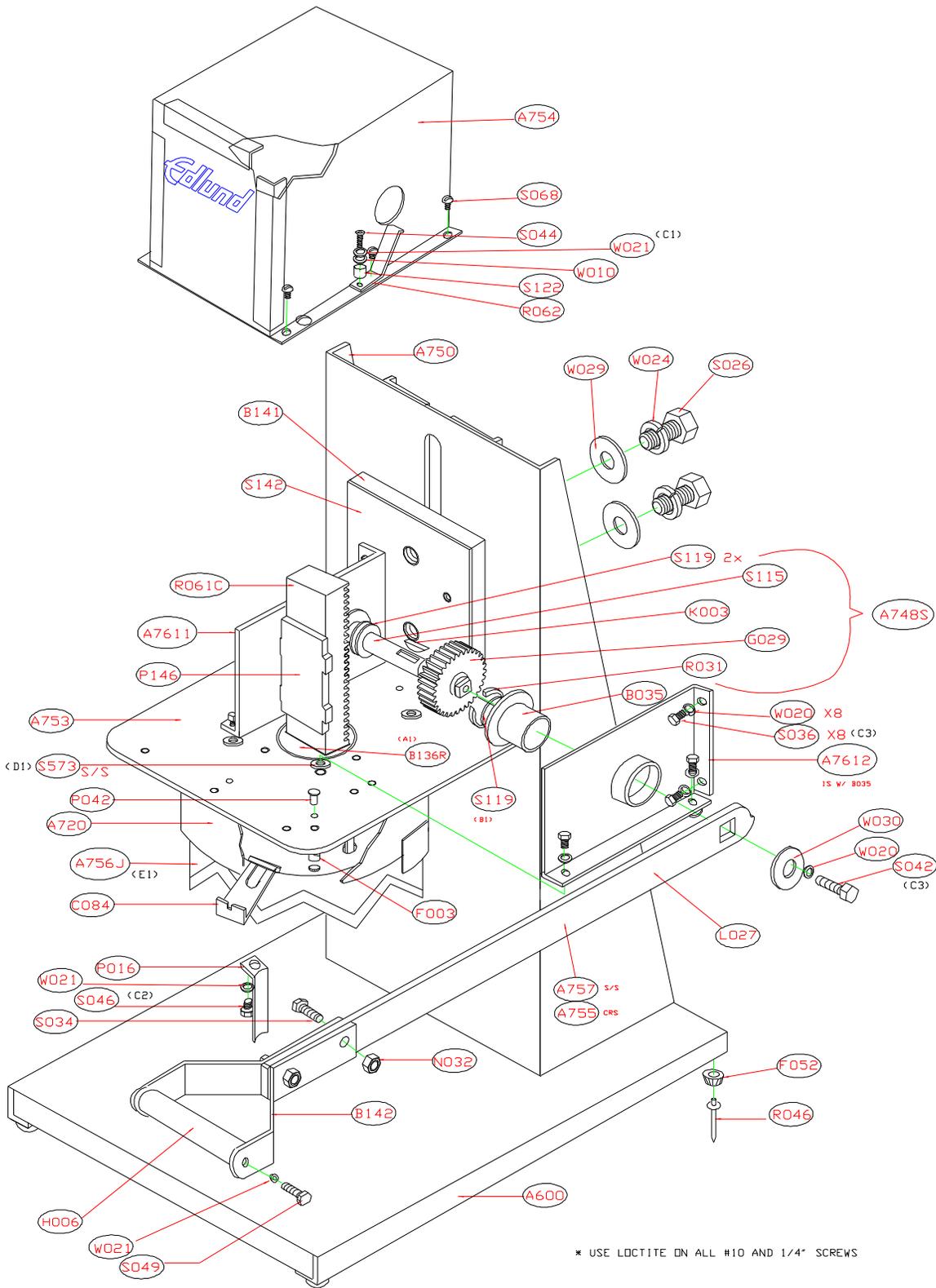
700 PARTS LIST

PART	DESCRIPTION
A720	ASSY, #10 GUARD RING (SPECIFY CAN SIZE)
A748S	ASSY, S/S GEAR & SHAFT (G029, K003, R031, S115)
A750	WELDMENT, FRAME (INCLUDES F052(4), R046 (4))
A751	WELDMENT, 700T BASE (INCLUDES F052 (4) R046 (4))
A752	WELDMENT, 700T VERTICAL
A753	ASSEMBLY, RAM PLATE & WELD PIN
A754	WELDMENT, COVER
A756J	ASSY, #10 KNIFE
A757	ASSY, LEVER ARM
A761	ASSY, S/S HEAD
A7611	PLATE, S/S LEFT GEAR
A7612	PLATE, S/S RIGHT GEAR
A046	ADAPTER, BLADE CLIP (OLD STYLE CONVERSION)
B035	BEARING, FLANGE
B136R	BUSHING, 700 RAM PLATE SHEILD
B141	BLOCK S/S SPACING & ADJUSTING
B142	BRAKET , S/S HANDLE
C084	CLIP #10 BLADE
F003	FASTENER
F052	FEET
G029	GEAR, S/S
H006	HANDLE, S/S
K003	KEY, #9
L027	LEVER S/S ARM
N020	NUT, S/S 10-32 HEX
N032	NUT, S/S 1/4-20 NYLCOK
P016	PIN, KNOCKOUT
P042	PIN, WELD
P146	PLATE, BRASS SPACER
R031	RING #700 RETAINING S/S
R046	RIVET
R061C	RAM, S/S W/CLIP SLOT
R062	RETAINER, S/S W/CLIP SLOT
S026	SCREW, S/S 1/2-13 X 1 HEX
S034	SCREW, S/S 1/2-20 X 1 HEX
S036	SCREW, S/S 4/4-20 X 1/2 HEX
S040	SCREW, S/S 10-32 X 1-1/4 HEX
S044	SCREW, S/S 10-32 X 1/2 HEX
S045	SCREW, 10-32 X 1/2 HEX
S049-12	SCREWS, 12 PACK 10-32 X 3/8 S/S HEX HEAD
S122	SPACER, 700 STOP

TAMPER RESISITENT HARDWARE

PART	DESCRIPTION
S512	SCREW, 10-32 X 1 TORX HD
S513	SCREW, 10-32 X 1/2 PIN IN
S514	SCREW, 1/4-20 X 1/2 TORX HD
S558M	SCREW, 10-32 X 1 1/4 PIN IN (MODIFIED)

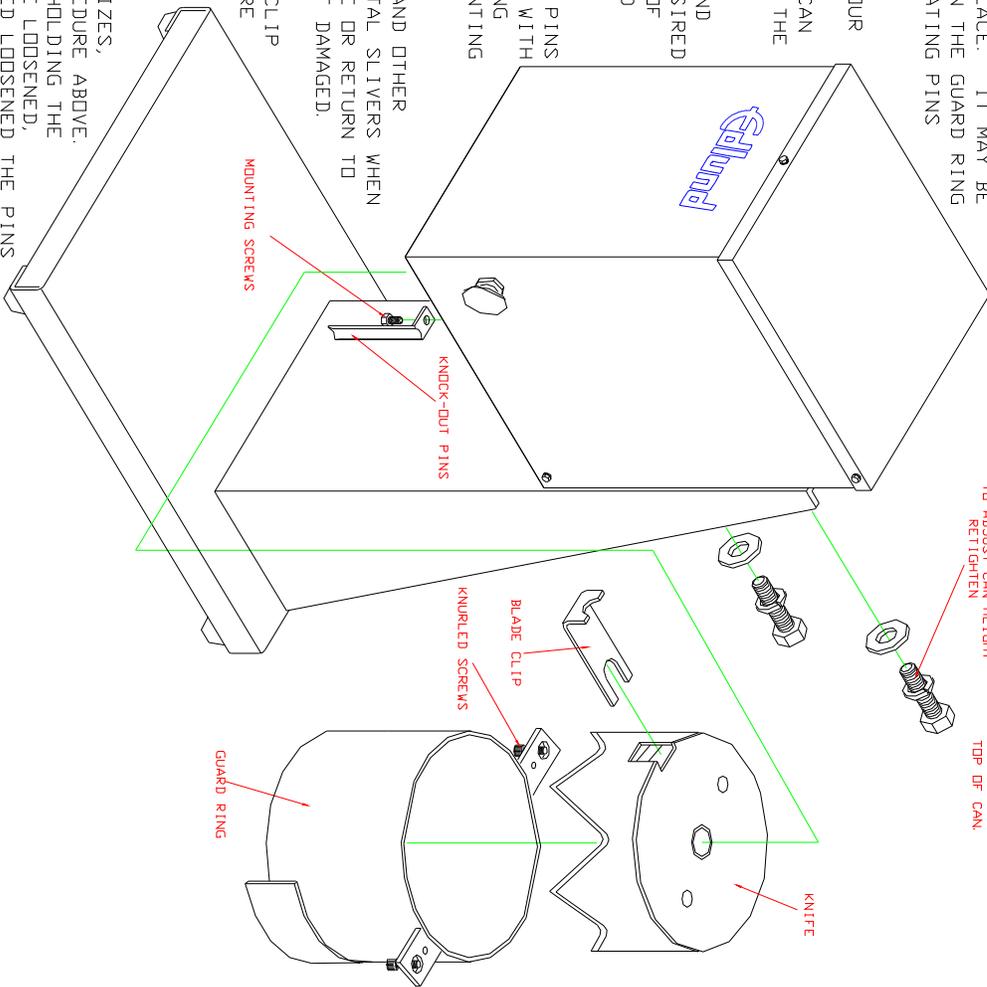




BLADE CLEANING AND INSPECTION

- 1) DISCONNECT AIR. REMOVE TWO KNURLED SCREWS THAT HOLD THE GUARD RING IN PLACE. IT MAY BE NECESSARY TO PULL DOWN ON THE GUARD RING TO REMOVE IT, IF THE LOCATING PINS ARE TIGHT.
- 2) SUPPORT THE BLADE WITH YOUR HAND, LIFTING SLIGHTLY TO LOOSEN BLADE CLIP SO IT CAN BE PULLED OUT, RELEASING THE BLADE TO DROP OFF.
- 3) WASH BLADE, GUARD RING AND CLIP IN DISHWASHER IF DESIRED TO STERILIZE. THE REST OF THE MACHINE CAN BE WASHED WITH SOAP AND WATER.
- 4) CHECK THAT THE KNOCK-OUT PINS ARE STRAIGHT AND LINE UP WITH HOLES IN THE BLADE BACKING PLATE AND THAT THEIR MOUNTING SCREWS ARE TIGHT.
- 5) INSPECT BLADE FOR NICKS AND OTHER DAMAGE THAT MAY CAUSE METAL SLIVERS WHEN OPENING THE CAN. REPLACE OR RETURN TO THE FACTORY FOR REPAIR IF DAMAGED.
- 6) REASSEMBLE BLADE, BLADE CLIP AND ALL GUARDING. BE SURE ALL SCREWS ARE TIGHT. RECONNECT AIR SUPPLY.

NOTE: IF CHANGING TOOLING SIZES, REMOVE BLADE USING PROCEDURE ABOVE. IN ADDITION, THE SCREWS HOLDING THE KNOCK-OUT PINS NEED TO BE LOOSENED, DO NOT REMOVE PINS. ONCE LOOSENED, ARE FREE TO SPIN ALLOWING FOR ALIGNMENT OF THE NEW BLADE ASSEMBLY.



REVISIONS			
EON	DESCRIPTION	DATE	APPROVED

UNLESS OTHERWISE SPECIFIED
Tolerances On:

Fractional Dimensions +/- 1/64
Decimal Dimensions +/- .005
Angular Dimensions +/- 1°

DWG NAME

BLADE CLEANING INSTRUCTIONS



DRAWN BY: MJA
APPROVED BY: JSC
DATE: 12/29/92
SCALE: 1:1

MODEL: 610, 625, 700
REF: NONE
DWG NO. INSTR
1 of 1
REV