

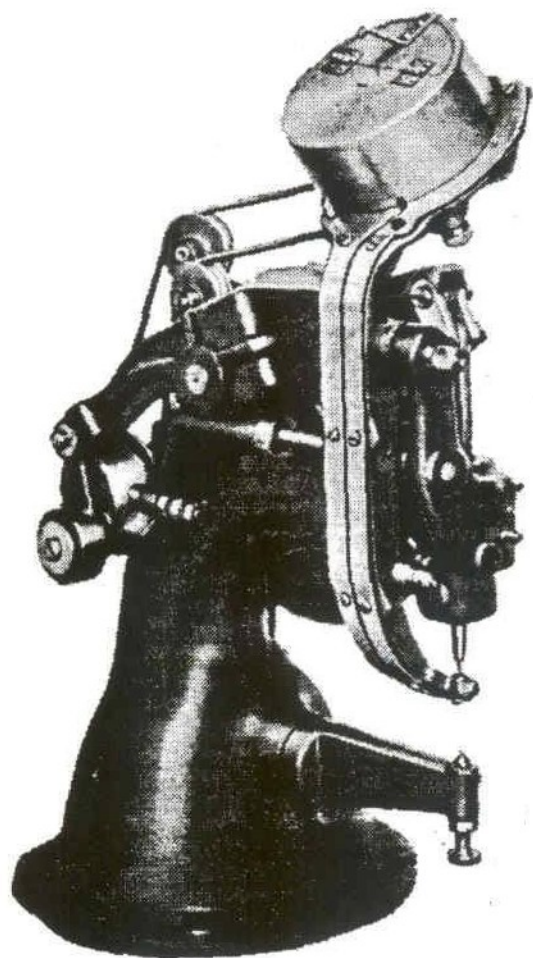


8 Rosol Lane Ext
P.O. Box 921
Saddle Brook, NJ 07663
800-393-5381

Serving Industry for Over 50 Years

**EYELETS - RIVETS - GROMMETS & WASHERS
SETTING DIES ~ NEW AND REBUILT MACHINES
CALL 1-800-EYELET 1**

MODEL "B" EYELET MACHINE



The Model "B" machine is a versatile eyeletter capable of auto feeding and setting very small electronic size eyelets up to an A500 size eyelet (5/16 inch hole). Raceways and setting tools are easily interchangeable to accomodate different size eyelets. All machines come mounted to a table with a 110 volt motor. A safety enclosure and an electronic ring guard safety device are also available. The Model "B" is a single stroke machine and is best suited for prepunched work or can be used with a spear point bottom die.

DIMENSIONS:

Height: 22 inches
Width: 15 inches
Depth: 18 inches
Weight: 75 pounds
Throat Depth: 7 inches
Stroke: 2 1/4 inches

CAUTION

We recommend reading the entire instructions before installing or operating this machine. Mishandling can result in injury to personnel or damage to the machine.

It is mandatory to shut off electric power before adjusting or handling moving parts, cleaning machine or removing any guard.

Because of vibration imposed during transportation, it is possible that loosening of components and adjustments can occur.

Before installation or operating the machine, the entire machine should be carefully inspected for loose fasteners and adjustments. If any are found, they should be tightened and corrected before operating the machine.

OPERATOR SAFETY PRECAUTIONS

Handout for Anyone Operating This Machine

**Before You Operate This Machine
You Must Read and Understand
These Safety Precautions**

 **DANGER**



NEVER
Place Your Hands
or Any Part of
Your Body in This
Machine

See Reverse Side for Other Safety Precautions.

OVER 



Do Not Operate This Machine Until You Read and Understand the Following Safety Precautions.

- 1** **Never** operate this machine until you understand that this machine is dangerous and if you place your hands or any part of your body in this machine it could result in the loss of fingers, limbs or even death.
- 2** **Never** operate this machine without the use of a guard or safety device that will always protect you from bodily injury.
- 3** **Never** use a foot switch to operate this machine unless a point of operation guard or device is provided and properly maintained.
- 4** **Never** "ride" the foot pedal or foot switch. **Never** rest your foot on top of the foot pedal or inside the foot switch. **Always** remove your foot completely from the foot pedal or foot switch after each cycle and any time you are not intending to trip the machine.
- 5** **Always** use hand tools for feeding or retrieving material from the point of operation or any other hazardous part of the machine. **Never** reach through or into die area for any reason.
- 6** **Never** operate this machine unless you feel you have been fully trained and have received and understand all operating instructions. Make sure you know how the machine works and how it is controlled.
- 7** **Never** operate this machine until you test the machine with its guard or safety device before you start or re-start production. Do not begin operating the machine unless you are sure the safeguarding is adjusted properly and working correctly. If you are not sure call your supervisor.
- 8** **Never** operate this machine if it is not working properly or if you notice any unusual noise or change in the performance of the machine. Stop operating the machine immediately and advise your supervisor.
- 9** **Never** operate this machine with pullbacks unless they are adjusted properly for you. Have your supervisor show you manually that when the ram descends the pullbacks will pull your fingers clear of any pinch points. **Always** wear your wristlets properly and securely.
- 10** **Never** operate this machine with pullbacks without reading and understanding the instructions. Instructions must be kept with the pullback device at all times and made available to you. Obtain, read and follow these instructions.
- 11** **Never** operate this machine unless two-hand trip, two-hand control or presence sensing device are installed correctly and at the proper safety distance. Consult your supervisor should you have any questions regarding the proper safety distance.
- 12** **Never** tamper with, rewire or bypass any control, component or safeguard on this machine.
- 13** **Always** wear safety glasses, ear protection and any other personal protection equipment needed when operating this machine.
- 14** **Be sure** all persons are clear of the machine before it is cycled, especially when multiple operators are present. Do not operate machine unless you and every operator and/or helper are protected from injury by a guard or safety device.
- 15** **Always** stay alert (don't daydream) and never operate this machine while under the influence of alcohol or any other drug including prescription medications.
- 16** **Maintenance and Die Set-Up Personnel:** **Never** work on this machine unless power is off, flywheel is at rest, safety blocks are used between dies, ram and bolster plate and all energy (electrical, air, hydraulic, etc.) are in a zero state.

NOTICE TO EMPLOYER: A copy of this "Operator Safety Precautions" must be given to all operators (including set-up people, maintenance personnel and supervisors) of this machine. A copy should also be hung on the machine readily accessible and visible to the operator. Additional copies of this precaution are available upon request. Just call or write.

IMPORTANT: Where a language barrier or insufficient schooling would prevent a person from reading and understanding the contents of this Operator Safety Precaution, you should either translate this information or have it read or interpreted to the person, with assurance that it is understood.

THIS PRECAUTION MUST BE REVIEWED DAILY.

HOW TO CHANGE THE RACEWAY AND DIES

** Before doing the following steps, make sure the machine is in the off position.

1) Pull off the Raceway Belt.

2) Take the cotter pin off the back of the bottom link pin and pull pin out.

3) While holding the raceway with your left hand, loosen the square head bolt, securing the upper link pin, and pull out pin.

4) Loosen the allen set screw on the bottom arm and pull out die.

5) Next, hit the pedal and turn the wheel towards you by hand so that the driving arm comes down all the way. On the right side, loosen the allen set screw - the top die and spindle will pop out. There is also a spring that will come out. This spring is going to be used with the other dies.

6) Insert the new top die and spindle, with the spring, and lock the screw. Then turn the machine by hand until the starting pin locks in place. If necessary, turn the knob to lock the pin.

7) Insert the bottom die and lock the screw.

Note: On the raceways, the top eccentric is set for both, so you shouldn't have to adjust that at all.

8) Install the new raceway with the upper link first, inserting it through the eccentric sleeve. Then lock the square head bolt. Now, push the raceway in until the swinging link (on the right side) goes in between the raceway links. Insert bottom link pin when holes line up. Install new cotter pin on the back of this link.

9) Adjust the raceway (to pick-off correctly). Make adjustments front or back and left or right until the spindle lines up with the hole of the eyelet.

10) To adjust the front or back pick-off, loosen the square head bolt which is 2 inches below the upper link pin square bolt) so the raceway can move freely. Also, loosen the set screw (holding the eccentric in the raceway upper link). Now position the raceway so the top spindle is in line with the hole of the eyelet. You may have to tap the raceway lightly to get it to move over. Lock the set screw first. While the square head bolt is still unlocked, adjust the raceway left or right until the spindle lines up with the hole of the eyelet. Then hold the raceway firmly in place and lock the square head bolt.

11) Make sure the eyelet picks out of the raceway correctly - turn the machine over by hand, to check eyelet pick-off. The top die shouldn't hit the tip of the raceway at all. If it does, you will have to make the proper adjustments again until correct.

12) When properly adjusted, make sure the raceway is fastened securely and all screws are tight.

13) When hooking up the raceway feed belt, make sure the pulley turns counter clockwise (when looking at the raceway from the front). If it doesn't go in the right direction, just twist it and install it back on the pulley. It will then turn in the opposite direction.

14) Before running the machine, make sure again that eyelet pick-off is correct. To double check your work, turn the machine over by hand a few times until confident.

** To adjust bottom die pressure, loosen the locknut below the bottom arm and loosen the allen set screw. Turn the big screw left or right to raise or lower the bottom die. Then lock the allen set screw and locknut when proper pressure is achieved.

OPERATIONAL /MAINTENANCE

WARNING - IMPORTANT

Read and understand thoroughly all of the information and instructions contained in this manual prior to setting up, operating, or adjusting this machine. Contact Siska, Inc. at once if there are any questions as to safety or operation.

This machine is built to give many years of trouble free service if maintained and operated as instructed. Your machine has been adjusted for the sample work or blueprint submitted with your order; performance tested and is ready for operation. Tools and pockets are made to order. To avoid any unnecessary downtime, it is suggested you keep a spare set of tools and pockets on hand at all times.

CAUTION: USE CARE IN REMOVING THE MACHINE FROM ITS CRATE AND PACKING. DO NOT MOVE OR LIFT THE MACHINE BY ITS HOPPER BOX, ROADWAY OR GUARDS.

Power to the machine must be off while lubricating, cleaning, loading, adjusting or repairing the machine.

LUBRICATION:

WARNING: NEVER ATTEMPT TO LUBRICATE MACHINE WHILE IT IS IN OPERATION. AVOID PINCH POINTS.

Lubricate periodically in accordance with instructions listed below. Most maintenance problems begin with indifferent attention to lubrication. All oil holes, oiling areas, and grease fittings have been *painted red* for convenience in locating lubricating points.

Lubricate as follows:

- a. Grease fittings weekly with an NLGI #2 multi-purpose lithium based grease.
- b. Oil holes and oil areas weekly with SAE-40, extreme pressure treated oil.
- c. Cam weekly with Lubricate - extreme pressure lubricant or equivalent.

DO NOT OVER LUBRICATE: Excess oil, if not wiped clean, will only lead to an accumulation of dust and other abrasive particles causing premature wear and improper functioning of the machine.

NEVER LUBRICATE: Box carrier roadway and box, these parts must be absolutely free of oil and grease. All points requiring lubrication are provided with oil cups or access holes, except the plunger and pivot points where pins are installed. A drop or two of oil in these areas is sufficient.

V BELTS

V belt grooves in motor pulley and flywheel should be in line for proper running of machine. Proper tension of V belt will be maintained if deflection is between 1/4" and 3/4".

FLYWHEEL

To tighten the flywheel and motor belts, locate belt hook on the belt. Remove belt hook. Cut off 1/2" from one end of the belt. Punch a hole 14" from the end and in the center of the belt. Connect the two ends back together with the belt hook and close hook. Repeat process if necessary.

RACEWAY BELT

To tighten the raceway belt, locate where the belt is locked together. Pull apart, cut 1/2" off the belt. Press it back onto the interlocking pin until the two ends meet. If the belt is still loose, repeat process.

BOTTOM DIE ADJUSTMENT

To adjust bottom die pressure, loosen the bottom die adjusting locknut directly under the die on the bottom of the arm. Then loosen the allen set screw which is located on the side of the bottom arm, parallel to the die. Turn the bottom die adjusting screw on the bottom of the arm a 1/4 of a turn (Clockwise to raise the die and Counter clockwise to lower the die). Lock the bottom die adjusting locknut and allen set screw. Cycle machine once by hand. If the setting thickness is still not correct, repeat process.

DO'S AND DON'TS

1. **DO** lubricate regularly as recommended below.
2. **DO** clean machine regularly. If compressed air is available, blow out dirt, dust, lint, chips, etc.
3. **DO** check all springs periodically. These parts are inexpensive and should be considered expendable. The springs used in this machine are designed for long wear and hard use, but springs in constant use will sometimes take a set. Most efficient operation will be maintained by replacing springs regularly.
4. **DO NOT** lift by or pull on raceway when moving machine.
5. **DO NOT** operate machine at higher speeds than indicated.
6. **DO NOT** change the eyelets for which your raceway and tools have been built without checking dimensions. Eyelets of different dimensions will usually require completely new raceway and tools.
7. **DO NOT** force eyelets in hoppers and raceways. If eyelets do not move easily, check dimensions. *Constant prying with hard objects will distort the hopper opening and tracks necessitating expensive replacement.*
8. **DO NOT** fill hopper box more than 1/3 to 1/2 full.
9. **DO NOT** use an oily lubricant on eyelets.
10. **DO NOT** operate machine without approved safety device and all guarding in place. Check frequently that safety devices are in proper working order and adjustment.

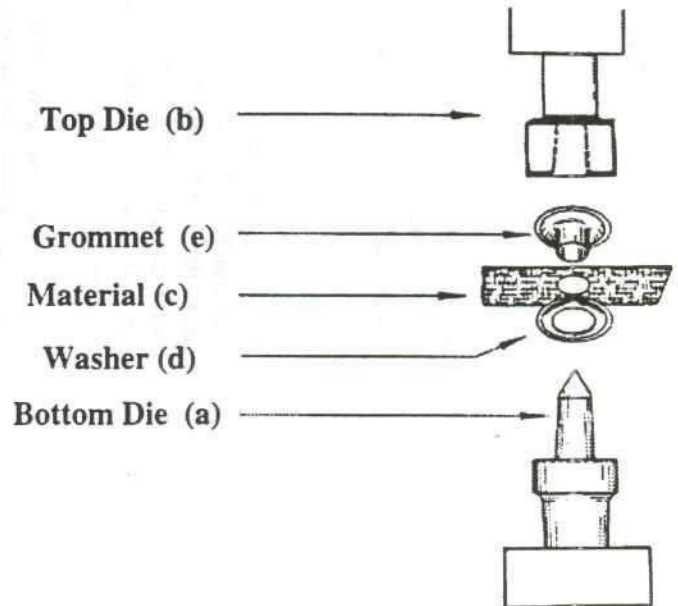
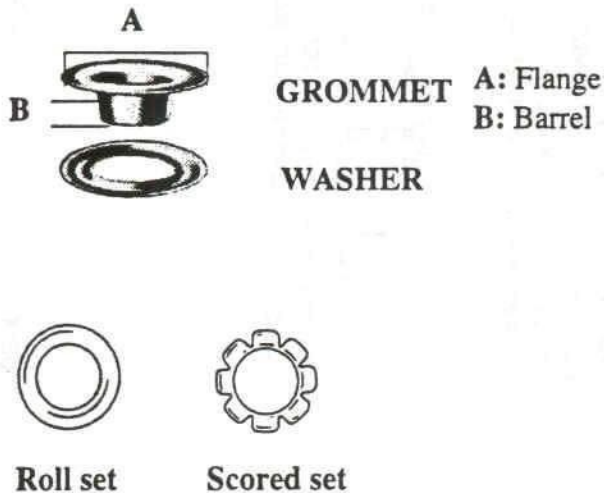


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PIERCE POINT / SETTING DIE PROCEDURE



The following procedure is for setting grommets and washers with a pierce point / setting die combination. Eyelets may be substituted for grommets in this procedure. If the material is stiff enough to hold with a roll setting, or a scored setting is being used, the washer does not have to be used and may be eliminated from the procedure. The bottom die (part "a") will be identified as being the male part and the top die (part "b") will be identified as the female part.

The washer (part "d") will be placed on the bottom die (a) with the concave or dish side facing upward. The material being used (part "c") will be pulled down over the pointed male part of the bottom die (a). The grommet (part "e") should then be placed on the bottom die with the barrel pointing downward. **Be sure that your hands are kept clear of the dies and all moving parts to prevent injury.** At this point the machine should be cycled, having the top die (b) force the grommet (e) by its flange down the bottom die stud. In its travel downward, the grommet (e) will pass down through the material (c), through the washer (d) engaging the bottom die seat (a) and rolling over on the back side of the washer (d) completing the setting.

USMC EYELETTING MACHINE - MODEL B
(SYMBOL UEB)

THE USMC EYELETTING MACHINE - MODEL B
IS FITTED WITH A 9-1/8" GROOVED CLUTCH PULLEY.
THIS PULLEY SHOULD BE SPEEDED 225 REVOLUTIONS
PER MINUTE.

TABLE OF PULLEYS FOR DRIVING MACHINE	
REVOLUTIONS OF MAIN SHAFT	NUMBER OF PULLEY FOR DRIVING MACHINE
350	PE-568+-5-3/4"
400	PE-568+-5"
450	PE-568+-4-1/2"
500	PE-568+-4"
550	PE-568+-3-1/2"
600	PE-568+-3-1/2"
650	PE-568+-3"
5/16" Round Belting Required	

LUBRICATION

CAREFUL ATTENTION SHOULD BE GIVEN TO
THE PROPER LUBRICATION OF THIS MACHINE.
WE RECOMMEND THE USE OF USMC 150A
OIL FOR ALL PURPOSES.

READ THESE SPECIAL INSTRUCTIONS BEFORE
ORDERING PARTS

ALL LETTERS THAT APPEAR IN CONNECTION
WITH A NUMBER IN THIS CATALOG, WHETHER BEFORE
OR AFTER IT, SHOULD ALWAYS BE GIVEN IN ORDERING
PARTS, AS "NL-89K" AND NOT "89K" OR "89", AND
"NLN-48" AND NOT "48".

AS IT IS NOT PRACTICABLE, OWING TO THE
SMALL SIZE OF SOME OF THE PARTS, TO MARK THE
INITIAL LETTERS ON THEM, IT IS BEST TO ALWAYS
CONSULT YOUR CATALOG AND OBTAIN THE FULL NUMBER
BEFORE ORDERING DUPLICATE PARTS--THE NUMBER
MARKED UPON THE BROKEN PART SERVING TO IDENTIFY
IT IN THE CATALOG. COIL SPRINGS HAVE NO NUMBERS
STAMPED ON THEM.

IN ORDERING PARTS CATALOGED WITHOUT
INITIAL LETTERS BEFORE THE NUMBER, ALWAYS PREFIX
THE SYMBOL OF THIS MACHINE.

IN ORDERING BY MAIL, IT IS BEST TO GIVE THE
NAME OF THE PART, AS GIVEN IN THIS CATALOG, AS
WELL AS THE WHOLE NUMBER, BUT IF ORDERING BY
TELEGRAM, THE NAME OF THE PART MAY BE OMITTED
EXCEPT WHEN IT CAN BE GIVEN WITHOUT EXTRA CHARGE.

SPECIAL INFORMATION

NOTE QUANTITY OF PARTS USED IS ONE (1)
UNLESS OTHERWISE NOTED BY THE NUMBER IN
PARENTHESIS AFTER THE NAME OF PART.

USMC EYELETTERING MACHINE - MODEL B
(SYMBOL UEB)

CLASSIFIED LIST OF PARTS

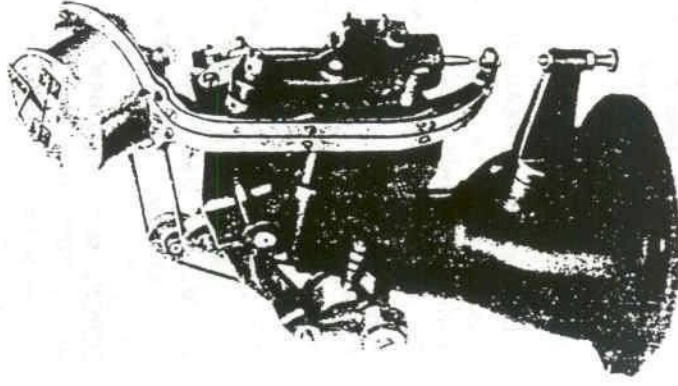
FRAME PARTS

PLATE

1A+ FRAME - ASSEMBLED WITH 1-PL-1763P, 1-PL-64P, 1-PL-1223P
PIN, THROWOUT LEVER SPRING
PL-64P PIN, THROWOUT LEVER STOP
PL-1223P PIN, SET DIE HORN DOWEL
SL-1511V SCREW, FRAME LAG (4)

DRIVING PARTS

101 SHAFT, MAIN 1
FL-133M FELT, MAIN SHAFT OIL 1
40A WHEEL, MAIN SHAFT HAND
PL-1190P PIN, HAND WHEEL
106+ PULLEY, DRIVING - ASSEMBLED
WITH 4-37A
37A PIN, DRIVING PULLEY CLUTCH (4) 1
4 BUSHING, DRIVING PULLEY 1
70A HUB, CLUTCH 1
71+ PIN, CLUTCH STOP - ASSEMBLED 1
WITH 1-PL-3868P
PL-3868P PIN, STOP PIN LOCATING
SL-4544V SCREW, STOP PIN RETAINING
SPGL-2082S SPRING, CLUTCH STOP PIN
(COMPRESSION 11/32" X 1-1/8",
.024" DIA. WIRE)
PL-925P PIN, CLUTCH HUB TAPER 1
39 PIN, CLUTCH HUB LOCK
SPGL-1676S SPRING, LOCK PIN (COMPRESSION
21/64" X 1-3/16", .026" DIA. WIRE)



USMC EYELETTERING MACHINE - MODEL B
(SYMBOL UEB)

DRIVING PARTS - CONT'D

PLATE

SL-5134V HANDLE, LOCK PIN
 7 DOG, CLUTCH
 PL-1419P PIN, DOG TAPER
 SPGL-366S SPRING, CLUTCH DOG (COMPRESSION
 17/64" X 1-9/16", .032" DIA.
 WIRE)
 8. PIN, CLUTCH DOG - ASSEMBLED WITH
 1-PL-6891P
 1 PIN, DOG PIN SPRING
 1 ROD, STARTING
 CL-106J COLLAR, STARTING ROD
 SL-3194V SCREW, COLLAR SET
 SPGL-332S SPRING, STARTING ROD (COMPRESSION
 35/64" X 2-3/4", .0625" DIA.
 WIRE)

SET CAP OPERATING PARTS

48A PLUNGER, SET CAP (REGULAR) 2
 165A PLUNGER, SET CAP 2
 166 END, PLUNGER 2
 PL-585P PIN, PLUNGER END 2
 190 SPRING, PLUNGER
 *167A PLUNGER, SET CAP (WITH SPRING
 YIELD) - COMPLETE, VIZ:
 1-165A, 1-166, 1-PL-585P,
 1-190
 *64A PLUNGER, SET CAP (FOR TWIN
 EYELETS, USE WITH NO. 63) 2
 SL-12S6 SCREW, SET CAP BINDING (HEX.
 SOCKET SET SCREW - FLAT 1/4"-
 28NF X 1/4")
 SPGL-1192S SPRING, SET SPINDLE (REGULAR)
 (COMPRESSION .290" X 2-7/8",
 .029" DIA. WIRE)
 *SPGL-6719S SPRING, SET SPINDLE (COMPRESSION
 3/8" X 2-3/8", .042" DIA. WIRE)
 13 LINK, SET CAP PLUNGER (2) 2

USMC

-4-

UEB

* NOT SENT UNLESS ORDERED.

SET CAP OPERATING PARTS - CONT'D

PLATE

SL-3021V SCREW, PLUNGER LINK (2)
 NL-475K NUT, LINK SCREW (2)
 NL-304K CHECKNUT, SCREW NUT (2)
 WL-953T WASHER, LINK SCREW (2)
 73A LEVER, SET CAP PLUNGER 2
 FL-15M FELT, LEVER OIL (2)
 #164 LEVER, SET CAP PLUNGER 2
 PL-3086P PIN, LEVER FULCRUM
 SL-3250V SCREW, FULCRUM PIN SET - 2
 134 ARM, PLUNGER CRANK
 PL-1757P PIN, CRANK ARM CONNECTING
 PL-705P PIN, CONNECTING PIN COTTER
 WL-331T WASHER, CRANK ARM BINDING THRUST
 SL-1955V SCREW, THRUST WASHER

HORN PARTS

183A+ HORN, SET DIE (REGULAR) -
 ASSEMBLED WITH 1-SL-3647V,
 1-NL-51K, 1-SL-12S6
 SL-3647V SCREW, SET DIE ADJUSTING
 NL-51K NUT, ADJUSTING SCREW
 SL-12S6 SCREW, SET DIE BINDING (HEX.
 SOCKET SET SCREW - FLAT
 1/4"-28NF X 1/4")
 *41A+ HORN, SET DIE (FOR FLASHLIGHTS) - 2
 ASSEMBLED WITH 1-SL-12H8
 SL-12H8 SCREW, SET DIE BINDING (HEX.
 SOCKET HEAD CAP SCREW 1/4"-28NF
 X 5/8")
 *SL-1180V SCREW, SET DIE HORN BINDING
 *184+ HORN, NUT (FOR RADIO WORK) -
 ASSEMBLED WITH 1-SL-561V,
 SL-561V 2-SL-12S10
 SCREW, SET DIE ADJUSTING 2

* NOT SENT UNLESS ORDERED.
 ### USED ONLY WITH EYELET BRUSH OSCILLATING
 DEVICE.

USMC

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UEB

HORN PARTS - CONT'D

PLATE

EYELET SETS - CONT'D

PLATE

SL-12S10 SCREW, ADJUSTING SCREW SET (HEX. SOCKET SET SCREW - FLAT 1/4"-28NF X 3/8")

SL-12S10

SCREW, SET DIE BINDING (HEX. SOCKET SET SCREW - FLAT 1/4"-28NF X 3/8")

★143A+

HORN, SET DIE (FOR HEAVY WORK) - ASSEMBLED WITH

1-PE-274, 2-SL-12S10,

1-WL-8993T

PE-274

SL-12S10

SCREW, SET DIE ADJUSTING

SCREW, ADJUSTING SCREW SET

(HEX. SOCKET SET SCREW - FLAT 1/4"-28NF X 3/8") (2)

BUTTON, SET SCREW

WL-8993T

★163

ROD, HORN TIE

NUT, HORN TIE ROD (2)

NUT, HORN TIE ROD (2)

SCREW, HORN SUPPORTING

SCREW, SET SCREW

★SL-1073V

★WL-8993T

★SL-1089V

★WL-386T

SCREW, HORN BINDING

SL-3748V

2

USED WITH NO. 143A+

USED WITH NO. 184+

USED WITH NO. 184+ & NO. 143A+

EYELET SETS

CAP, SET

SPINDLE, SET

NUT, SET SPINDLE (2)

DIE, SET

CAP, SET

SPINDLE, SET

NUT, SET SPINDLE (2)

REGULAR. USE WITH HORN NO. 183A+

4

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★EL-101

★EL-201

★NL-1034K

★EL-20

★EL-101

★EL-201

★NL-1034K

★EL-20

★EL-101

★EL-201

★NL-1034K

★123

DIE, SET

CAP, SET

SPINDLE, SET

NUT, SET SPINDLE (2)

SET - COMPLETE (FOR RUBBER BOOT WORK USE HORN NO. 183A+), VIZ: 1-EL-20, 1-EL-101, 1-EL-201

1-EL-101, 1-EL-201, 1-EL-23

DIE, SET

CAP, SET

SPINDLE, SET

NUT, SET SPINDLE (2)

SET - COMPLETE (FOR TWIN EYELETS CENTER DISTANCE UP TO 3/8", SET CAP HOLDER HAS 7/16" SHANK AND REQUIRES PLUNGER NO. 64A), VIZ: 2-EL-102, 1-63+, 1-EL-237, 2-EL-2, 1-97+

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4

★EL-101

★EL-201

★NL-1034K

★EL-23

★192

CAP, SET

SPINDLE, SET

NUT, SET SPINDLE (2)

DIE, SET

SET, COMPLETE (FOR RADIO WORK, REQUIRES HORN NO. 184+), VIZ: 1-EL-101, 1-EL-201, 1-EL-23

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4

★EL-101

★EL-201

★NL-1034K

★EL-23

★192

CAP, SET

SPINDLE, SET

NUT, SET SPINDLE (2)

DIE, SET

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★NL-1034K

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★192

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★NL-1034K

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★EL-101

★EL-201

★NL-1034K

★EL-23

★192

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NUT, SET SPINDLE (2)

DIE, SET

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★EL-101

★EL-201

★NL-1034K

★EL-23

★192

CAP, SET

SPINDLE, SET

NUT, SET SPINDLE (2)

DIE, SET

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★EL-101

★EL-201

★NL-1034K

★EL-23

★192

CAP, SET

SPINDLE, SET

NUT, SET SPINDLE (2)

DIE, SET

SET, COMPLETE (FOR RADIO WORK, REQUIRES HORN NO. 184+), VIZ: 1-EL-101, 1-EL-201, 1-EL-23

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★EL-101

★EL-201

★NL-1034K

★EL-23

★192

CAP, SET

SPINDLE, SET

NUT, SET SPINDLE (2)

DIE, SET

SET, COMPLETE (FOR RADIO WORK, REQUIRES HORN NO. 184+), VIZ: 1-EL-101, 1-EL-201, 1-EL-23

4

4

4

★EL-101

★EL-201

★NL-1034K

★EL-23

★192

CAP, SET

SPINDLE, SET

NUT, SET SPINDLE (2)

DIE, SET

SET, COMPLETE (FOR RADIO WORK, REQUIRES HORN NO. 184+), VIZ: 1-EL-101, 1-EL-201, 1-EL-23

4

4

4

★EL-101

★EL-201

★NL-1034K

★EL-23

★192

CAP, SET

SPINDLE, SET

NUT, SET SPINDLE (2)

DIE, SET

SET, COMPLETE (FOR RADIO WORK, REQUIRES HORN NO. 184+), VIZ: 1-EL-101, 1-EL-201, 1-EL-23

4

4

4

★EL-101

★EL-201

★NL-1034K

★EL-23

★192

CAP, SET

SPINDLE, SET

NUT, SET SPINDLE (2)

DIE, SET

SET, COMPLETE (FOR RADIO WORK, REQUIRES HORN NO. 184+), VIZ: 1-EL-101, 1-EL-201, 1-EL-23

4

4

4

★EL-101

★EL-201

★NL-1034K

★EL-23

★192

CAP, SET

SPINDLE, SET

NUT, SET SPINDLE (2)

DIE, SET

SET, COMPLETE (FOR RADIO WORK, REQUIRES HORN NO. 184+), VIZ: 1-EL-101, 1-EL-201, 1-EL-23

4

4

4

★EL-101

★EL-201

★NL-1034K

★EL-23

★192

CAP, SET

SPINDLE, SET

NUT, SET SPINDLE (2)

DIE, SET

SET, COMPLETE (FOR RADIO WORK, REQUIRES HORN NO. 184+), VIZ: 1-EL-101, 1-EL-201, 1-EL-23

4

4

4

★EL-101

★EL-201

★NL-1034K

RACEWAY
(FOR EYELETS UP TO AND
INCLUDING 11/32" DIA. HEAD)

PLATE

#135	RACEWAY	3
24A	BUSHING, RACEWAY	
SL-1159V	SCREW, BUSHING SET	
#UEC-144	BLOCK, RACEWAY GUIDE	
#173	GUIDE, RACEWAY (RIGHT HAND) -	
	COMPLETE, VIZ: 4-UEC-144	
#174	GUIDE, RACEWAY (LEFT HAND) -	
	COMPLETE, VIZ: 4-UEC-144	
SL-903V	SCREW, RACEWAY GUIDE BINDING (8)	
#UEC-144	BLOCK, EYELET BOX GUIDE RAIL (2)	
#180	BLOCK AND RAIL, RAIL - COMPLETE,	
	VIZ: 2-UEC-144	
SL-903V	SCREW, EYELET BOX GUIDE BINDING (2)	4
Ø33	LEVER, EYELET STOP	
SL-488V	SCREW, EYELET STOP LEVER	
NL-315K	NUT, STOP LEVER SCREW	
SPGL-129S	SPRING, EYELET STOP LEVER	
	(COMPRESSION .180" X 9/16",	
	.020" DIA. WIRE)	
#PE-1040	BOX, EYELET (2" DEEP)	
#PE-1041	COVER, EYELET BOX	
PE-511E	LATCH, COVER SPRING	4
PL-2499P	RIVET, LATCH (2)	
PE-511D	HINGE, EYELET BOX COVER (2)	
PL-2547P	RIVET, COVER HINGE (8)	
PE-1020	LUG, EYELET BOX (2)	4
PL-4075P	RIVET, LUG (4)	
PE-511C	BUTTON, EYELET BOX (IN TOP)	4
#PE-511JPA	BOX, EYELET, 2" DEEP, WITHOUT	
	GUIDE, WITH SINGLE PORT -	
	COMPLETE, VIZ: 1-PE-1040,	
	1-PE-1041, 1-PE-511E, 2-PL-2499P,	
	2-PE-511D, 8-PL-2547P, 2-PE-1020,	
	4-PL-4075P, 1-PE-511C	

NOT FURNISHED SEPARATE.
ØØ MUST BE FITTED TO CUSTOMER'S RACEWAY.
FURNISHED SEPARATE FOR DOMESTIC USE ONLY ON
SPECIFIC INSTRUCTIONS OF EYELET DEPARTMENT.

USMC

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UEB

RACEWAY - CONT'D
(FOR EYELETS UP TO AND INCLUDING
11/32" DIA. HEAD - CONT'D)

PLATE

PE-511F	BUSHING, EYELET BOX GUIDE	4
NL-506K	THREADED (2)	
#PE-521	NUT, EYELET BOX THUMB (2)	
SL-858V	GUIDE, EYELET BOX	
#PE-511JXA	SCREW, GUIDE BINDING (2)	
	BOX, EYELET (2" DEEP, WITH	
	GUIDE) - COMPLETE, VIZ:	
	1-PE-511JPA, 2-PE-511F,	
	2-NL-506K, 1-PE-521,	
	2-SL-858V	
PE-600+	BRUSH, EYELET BOX - ASSEMBLED	
	WITH 1-PE-600B+	
#PE-600B+	HUB, EYELET BOX BRUSH -	3
	ASSEMBLED WITH 1-PE-528A	
#PE-528A	RING, BRUSH ALUMINUM	
16	SHAFT, EYELET BOX BRUSH	4
SL-3693V	SCREW, BRUSH SHAFT BINDING	
PE-531	WASHER, BINDING SCREW	4
17	KNOB, BRUSH SHAFT	
PL-1543P	PIN, SHAFT KNOB	4
18	PULLEY, BRUSH SHAFT	
SL-7138V	SCREW, PULLEY SET	3
*147	PULLEY, BRUSH SHAFT	
*SL-2811V	SCREW, PULLEY SET	3
*140A	RACEWAY, (REGULAR, FOR EYELETS	
	UP TO AND INCLUDING 11/32") -	
	COMPLETE, VIZ: 1-135, 1-24A,	
	1-SL-1159V, 1-173, 1-174, 8-	
	SL-903V, 1-180, 2-SL-903V, 1-	
	33, 1-SL-488V, 1-NL-315K, 1-	
	SPGL-129S, 1-PE-511JXA,	

* NOT SENT UNLESS ORDERED.
NOT FURNISHED SEPARATE.
** WHEN ORDERING, SPECIFY MAKE AND SIZE OF EYELET.
FURNISHED SEPARATE FOR DOMESTIC USE ONLY ON
SPECIFIC INSTRUCTIONS OF EYELET DEPARTMENT.

USMC

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UEB

RACEWAY - CONT'D
(FOR EYELETS UP TO AND INCLUDING
11/32" DIA. HEAD - CONT'D)

1-PE-600+, 1-16, 1-SL-3693V,
1-PE-531, 1-17, 1-PL-1543P,
1-18, 1-SL-7138V

RACEWAY ★
(FOR EYELETS ABOVE 11/32" DIA. HEAD)

##135 RACEWAY (FOR LARGE EYELETS)
##139 RACEWAY (FOR EXTRA LARGE
EYELETS)

24A BUSHING, RACEWAY
SL-1159V SCREW, BUSHING SET
#UEC-144 BLOCK, RACEWAY GUIDE
##173 GUIDE, RACEWAY - COMPLETE,
VIZ: 4-UEC-144

##174 GUIDE, RACEWAY - COMPLETE,
VIZ: 4-UEC-144

SL-903V SCREW, GUIDE BINDING (8)
#UEC-144 BLOCK, RACEWAY BOX GUIDE
RAIL (2)

##180 RAIL AND BLOCK, EYELET BOX
GUIDE - COMPLETE, VIZ:

2-UEC-144
SL-903V SCREW, EYELET BOX GUIDE
BINDING (2)

ø120 LEVER, EYELET STOP
SL-4888V SCREW, STOP LEVER
NL-315K NUT, LEVER SCREW
SPGL-2141S SPRING, STOP LEVER (COMPRESSION
3/16" X 3/4", .022" DIA. WIRE)
#PE-1040 BOX, EYELET (2" DEEP)

★ NOT SENT UNLESS ORDERED.
NOT FURNISHED SEPARATE.
FURNISHED SEPARATE FOR DOMESTIC USE ONLY ON
SPECIFIC INSTRUCTIONS OF EYELET DEPARTMENT.
øø MUST BE FITTED TO CUSTOMER'S RACEWAY.

USMC

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UEB

RACEWAY - CONT'D ★
(FOR EYELETS ABOVE 11/32"
DIA. HEAD - CONT'D)

#PE-1041 COVER, EYELET BOX
PE-511E LATCH, COVER SPRING
PL-2499P RIVET, SPRING LATCH (2)
PE-511D HINGE, BOX COVER (2)
PL-2547P RIVET, COVER HINGE (8)
PE-1020 LUG, EYELET BOX (2)
PL-4075P RIVET, BOX LUG (4)
PE-511C BUTTON, EYELET BOX (IN TOP)
##PE-511JPA BOX, EYELET (2" DEEP, WITHOUT
GUIDE WITH SINGLE PORT) -
COMPLETE, VIZ: 1-PE-1040,
1-PE-1041, 1-PE-511E, 2-PL-
2499P, 2-PE-511D, 8-PL-2547P,
2-PE-1020, 4-PL-4075P, 1-PE-
511C

PE-511F BUSHING, EYELET BOX GUIDE
THREADED (2)
NL-506K NUT, EYELET BOX THUMB (2)
##PE-521 GUIDE, EYELET BOX
SL-858V SCREW, EYELET BOX GUIDING
BINDING (2)

##PE-511JXA BOX, EYELET (2" DEEP, WITH
GUIDE, MULTIPLE PARTS) -
COMPLETE, VIZ: 1-PE-511JPA,
2-PE-511F, 2-NL-506K, 1-PE-
521, 2-SL-858V

PE-600+ BRUSH, EYELET BOX - ASSEMBLED
WITH 1-PE-600B+
#PE-600B+ HUB, BRUSH - ASSEMBLED WITH
1-PE-528A
#PE-528A RING, BRUSH ALUMINUM
16 SHAFT, BRUSH
SL-3693V SCREW, SHAFT BINDING

★ NOT SENT UNLESS ORDERED.
NOT FURNISHED SEPARATE.
FURNISHED SEPARATE FOR DOMESTIC USE ONLY ON
SPECIFIC INSTRUCTIONS OF EYELET DEPARTMENT.

USMC

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UEB

PLATE

PLATE

RACEWAY - CONT'D ★
(FOR EYELETS ABOVE 11/32" DIA. HEAD - CONT'D)

PLATE

PE-531 WASHER, BINDING SCREW 4
17 KNOB, BRUSH SHAFT 4
PL-1543P PIN, BRUSH SHAFT KNOB 3
18 PULLEY, BRUSH SHAFT 3
SL-7138V SCREW, PULLEY SET 3
★147 PULLEY, BRUSH SHAFT
★SL-2811V SCREW, PULLEY SET
★★ ★142A RACEWAY (FOR EYELETS ABOVE 11/32") - COMPLETE, VIZ:

1-135 or 139, 1-24A, 1-SL-1159V, 1-173, 1-174, 8-SL-903V, 1-180, 2-SL-903V, 1-120, 1-SL-488V, 1-NL-315K, 1-SPL-2141S, 1-PE-511JXA, 1-PE-600+, 1-16, 1-SL-3693V, 1-PE-531, 1-17, 1-PL-1543P, 1-18, 1-SL-7138V

RACEWAY ★
(FOR TWIN EYELETS)

##135 RACEWAY 3
24A BUSHING, RACEWAY
SL-1159V SCREW, BUSHING SET
#UEC-144 BLOCK, RACEWAY GUIDE
##173 GUIDE, RACEWAY - COMPLETE, VIZ: 4-UEC-144
##174 GUIDE, RACEWAY - COMPLETE, VIZ: 4-UEC-144
SL-903V SCREW, RACEWAY GUIDE BINDING (8)
#UEC-144 BLOCK, EYELET BOX GUIDE RAIL (2)
##180 RAIL AND BLOCK, EYELET BOX GUIDE - COMPLETE, VIZ: 2-UEC-144

★ NOT SENT UNLESS ORDERED.
NOT FURNISHED SEPARATE.
★★ WHEN ORDERING, SPECIFY MAKE AND SIZE OF EYELET.
FURNISHED SEPARATE FOR DOMESTIC USE ONLY ON SPECIFIC INSTRUCTIONS OF EYELET DEPARTMENT.

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UEB

RACEWAY - CONT'D ★
(FOR TWIN EYELETS - CONT'D)

PLATE

SL-903V SCREW, EYELET BOX GUIDE BINDING (2) 4
0033 LEVER, EYELET STOP
SL-4388V SCREW, LEVER
NL-315K NUT, LEVER SCREW
SPGL-129S SPRING, STOP LEVER (COMPRESSION .180" X 9/16", .020" DIA. WIRE)
#PE-1040 BOX, EYELET (2" DEEP)
#PE-1041 COVER, EYELET BOX
PE-511E LATCH, COVER SPRING 4
PL-2499P RIVET, LATCH (2)
PE-511D HINGE, COVER (2)
PL-2547P RIVET, COVER HINGE (8)
PE-1020 LUG, EYELET BOX (2) 4
PL-4075P RIVET, LUG (4)
PE-511C BUTTON, EYELET BOX (IN TOP) 4
##PE-511JPA BOX, EYELET (2" DEEP, WITHOUT GUIDE, WITH SINGLE PORT) - COMPLETE, VIZ: 1-PE-1040, 1-PE-1041, 1-PE-511E, 2-PL-2499P, 2-PE-511D, 8-PL-2547P, 2-PE-1020, 4-PL-4075P, 1-PE-511C

NL-506K NUT, EYELET BOX THUMB
PE-600+ BRUSH, EYELET BOX - ASSEMBLED WITH 1-PE-600B+ 3
#PE-600B+ HUB, BRUSH - ASSEMBLED WITH 1-PE-528A
#PE-528A RING, ALUMINUM BRUSH
16 SHAFT, BRUSH 4
SL-3693V SCREW, SHAFT BINDING 4
PE-531 WASHER, BINDING SCREW 4
17 KNOB, BRUSH SHAFT 4

★ NOT SENT UNLESS ORDERED.
NOT FURNISHED SEPARATE.
00 MUST BE FITTED TO CUSTOMER'S RACEWAY.
FURNISHED SEPARATE FOR DOMESTIC USE ONLY ON SPECIFIC INSTRUCTIONS OF EYELET DEPARTMENT.

USMC

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UEB

RACEWAY - CONT'D ★
(FOR TWIN EYELETS - CONT'D)

PLATE

PL-1543P PIN, KNOB
18 PULLEY, BRUSH SHAFT
SL-7138V SCREW, PULLEY SET
★147 PULLEY, BRUSH SHAFT
★SL-2811V SCREW, PULLEY SET
★★141A RACEWAY, (FOR TWIN EYELETS) -
COMPLETE, VIZ: 1-135, 1-24A,
1-SL-1159V, 1-173, 1-174, 8-
SL-903V, 1-180, 2-SL-903V,
1-33, 1-SL-4888V, 1-NL-315K,
1-SPGL-129S, 1-PE-511JPA, 2-
NL-506K, 1-PE-600+, 1-16, 1-
SL-3693V, 1-PE-531, 1-17,
1-PL-1543P, 1-18, 1-SL-7138V

BRUSH CONTINUOUS FEED PARTS ★

104 BRACKET, IDLER PULLEY
UEC-106 STAND, PULLEY BRACKET
SL-5416V SCREW, BRACKET STAND SET
PL-6882P STUD, IDLER PULLEY (2)
SL-5286V SCREW, PULLEY STUD SET (2)
NL-532K CHECKNUT, SET SCREW (2)
35 PULLEY, IDLER (4)
PL-6882P STUD, IDLER PULLEY (VERTICAL) (2)
SL-5286V SCREW, STUD SET (2)
NL-532K CHECKNUT, SET SCREW (2)
105 PULLEY, BRUSH DRIVE
SL-5286V SCREW, PULLEY SET (2)
107 BELT, (3/16" RO. BELTING, 4'4-3/8"
LONG)
191 FEED, BRUSH CONTINUOUS - COMPLETE,
VIZ.: 4-35, 1-104, 1-105, 1-107,
1-UEC-106, 4-NL-532K, 4-PL-6882P,
6-SL-5286V, 1-SL-5416V
PULLEY, DRIVING (SEE 106+)

★ NOT SENT UNLESS ORDERED.
★★ WHEN ORDERING, SPECIFY MAKE AND SIZE OF EYELET.

USMC

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UEB

RACEWAY ROCKING PARTS

PLATE

25 PIN, RACEWAY FULCRUM
26A PLUNGER, FULCRUM PIN
SPGL-1593S SPRING, PLUNGER (COMPRESSION
1/4" X 3/16", .020" DIA. WIRE)
SL-5272V SCREW, PLUNGER SPRING
27 LEVER, RACEWAY ROCKING
SL-2186V SCREW, LEVER CLAMP
175 LINK, RACEWAY
PL-3220P PIN, LINK CONNECTING
WL-177T WASHER, CONNECTING PIN
PL-1055P PIN, CONNECTING PIN COTTER
47 PIN, RACEWAY LINK RELEASE
26A PLUNGER, RELEASE PIN
SPGL-1593S SPRING, PLUNGER (COMPRESSION
1/4" X 3/16", .020" DIA. WIRE)
SL-5272V SCREW, PLUNGER SPRING
176 SHAFT, RACEWAY ROCKING LEVER
CL-156J COLLAR, LEVER SHAFT
SL-1073V SCREW, COLLAR SET
133 CAM, RACEWAY
PL-925P PIN, RACEWAY CAM TAPER
20 RL-573G ROLL, RACEWAY CAM
45 STUD, CAM ROLL
NL-263K NUT, ROLL STUD
PE-255 BUSHING, ROLL STUD
NL-226K NUT, STUD BUSHING
32 LEVER, RACEWAY CAM
PL-3743P PIN, CAM LEVER TAPER
SL-2186V SCREW, LEVER CLAMP
TEM-13 ROD, RACEWAY SPRING
SPGL-1354S SPRING, RACEWAY (COMPRESSION
31/64" X 3-11/16", .072" DIA.
WIRE)
WL-177T WASHER, SPRING ROD (IN FRAME) -
WL-177T WASHER, SPRING ROD (3) -
NL-263K NUT, SPRING ROD
NL-263K CHECKNUT, SPRING ROD
WL-1413T WASHER, SPRING ROD

USMC

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I B

PE-399 CHAIN, SCRAPER (#14 SINGLE
IRON JACK CHAIN 35-7/8" LONG)
SL-2469V HOOK, CHAIN
CZR13A CAN, OIL (5" SPOUT, CAP. 5 OZ.)
LAYOUT, BENCH

COLLECTIVE NUMBERS

65 PARTS NECESSARY TO APPLY
RACEWAY THROWOUT TO MACHINES
(B.B. No. A17, JUNE 21, 1924)
136 COLLECTIVE NUMBER COVERING
NECESSARY PARTS TO APPLY 5/8"
MORE MOTION TO TOP SET ON
MACHINES WHICH HAVE CLOSED CAM
UEB-30 (B.B. No. A51,
AUGUST 24, 1929)
179 COLLECTIVE NUMBER COVERING
NECESSARY PARTS TO APPLY
REDESIGNED EYELET BRUSH
OSCILLATING DEVICE TO
OUTSTANDING MACHINES (B.B.
No. A62, OCTOBER 30, 1930)

185 PULLEY, SPEED REDUCER 2
186 SHAFT, REDUCER PULLEY 2
187 SCREW, REDUCER PULLEY 2
SL-5L3 SCREW, PULLEY SHAFT SET (SQ.
HD. SET SCREW 5/16"-18NC X
1/2")

188 RESERVOIR, PULLEY SHAFT OIL 2
##XHF-01993 WICKING, SHAFT OIL (18")
SL-12A18 SCREW, RESERVOIR SET (FILLISTER
HD. MACH. SCREW No. 10-32NF X
3/4")

189 STAND, SPEED REDUCER 2
SL-15P19 SCREW, REDUCER STAND (No. 16
FLAT HD. WOOD SCREW 1-1/2" LONG)
(3)

★ Ø108 REDUCER, SPEED - COMPLETE, VIZ:
1-185, 1-186, 1-187, 1-188,
1-189, 1-SL-5L3, 1-SL-12A18,
3-SL-15P19, 1-XHF-01993

WRENCHES

WRHL-150H ALLEN SET SCREW (3/16" HEX)
WRHL-221H DOUBLE END (3/4" X 7/8")
WRHL-467H ALLEN SET SCREW (1/4" HEX.)
WRHL-219H DOUBLE END (5/16" X 1/2")

MISCELLANEOUS

ORL-757 DRIVER, USMC SCREW (3")
DE-K583 BELT, MACHINE DRIVING (3/8"
ROUND BELTING, 9' LONG)
SCRAPER, RACEWAY

★ NOT SENT UNLESS ORDERED.
Ø USE WHEN MACHINE IS DRIVEN WITH A MOTOR.
APPLIED FOR REPLACEMENT PURPOSES BY TOTAL
LENGTH DESIRED IN FEET.

RACEWAY THROWOUT PAKID ★

PLATE

177+ LEVER, RACEWAY THROWOUT -
ASSEMBLED WITH 1-PL-1763P
PL-1763P PIN, LEVER SPRING
178 STOP, THROWOUT
NL-320K NUT, THROWOUT STOP
WL-177T WASHER, THROWOUT STOP
SPGL-1239S SPRING, THROWOUT LEVER (TENSION
3/16" X 1-1/16", .026" DIA.
WIRE)
SL-6422V SCREW, THROWOUT LEVER FULCRUM
SL-292V SCREW, FULCRUM SCREW SET
WL-553T FRICTION, SET SCREW

EYELET BRUSH OSCILLATING DEVICE ★

157 LEVER, SET CAP PLUNGER (SEE 164)
158 SHAFT, OSCILLATING BRUSH
PL-1518P PINION, BRUSH SHAFT
159 PIN, PINION TAPER
160+ RACK, PINION
BRACKET, BRUSH SHAFT PINION -
ASSEMBLED WITH 2-PL-6771P
PL-6771P PIN, BRACKET DOWEL (2)
SL-1474V SCREW, BRACKET (SHORT)
SCREW, BRACKET (LONG) (SEE
SL-4849V)
161 GUIDE, RACK
GUC-390+ SOCKET, RACK BALL JOINT -
ASSEMBLED WITH 1-UMS-116,
1-UMS-118, 2-SL-7289V (2)
#UMS-116 JOINT, RACK BALL
#UMS-118 CAP, RACK BALL SOCKET
SL-7289V SCREW, SOCKET CAP (2)
WL-1247T WASHER, SOCKET OSCILLATING CRANK
NL-368K NUT, RACK BALL JOINT SOCKET (2)
SDL-1054Y CONNECTION, BALL JOINT
NL-368K NUT, CONNECTION (2)

★ NOT SENT UNLESS ORDERED.
NOT FURNISHED SEPARATE.

USMC

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UEB

EYELET BRUSH OSCILLATING DEVICE - CONT'D ★

PLATE

162+ CRANK, OSCILLATING -
ASSEMBLED WITH 2-PL-1332P
PL-1332P PIN, CRANK DOWEL (2)
SL-2763V SCREW, CRANK (3)
163 GUARD, BRUSH RACK
SL-4849V SCREW, RACK GUARD

IDLER PULLEY PARTS

34+ BRACKET, IDLER PULLEY -
ASSEMBLED WITH 2-PL-3085P
PL-3085P STUD, IDLER PULLEY (2)
SL-1438V SCREW, PULLEY BRACKET BINDING (2)
35 PULLEY, IDLER (2)
WL-264T WASHER, PULLEY STUD (2)
PL-1047P PIN, STUD COTTER (2)
38 BELT, IDLER PULLEY (3/16" RO.
BELTING, 37-3/4" LONG)

TREADLE PARTS

RF-686 TREADLE
RF-460 STAND, TREADLE
PL-2581P PIN, TREADLE FULCRUM
PL-243P PIN, FULCRUM PIN COTTER (2)
SL-11P15 SCREW, TREADLE STAND (NO. 12
FLAT HD. WOOD SCREW 1" LONG) (2)
SL-4191V SCREW, TREADLE ROD
DE-K783 ROD, TREADLE (UPPER)
PL-1055P PIN, ROD COTTER
DE-K786 ROD, TREADLE (LOWER)
DE-K787 BLOCK, ROD CONNECTION
SL-332V SCREW, BLOCK SET
DE-K788 ROD, TREADLE - COMPLETE, VIZ:
1-DE-K783, 1-PL-1055P, 1-DE-
K786, 1-DE-K787, 1-SL-332V

★ NOT SENT UNLESS ORDERED.

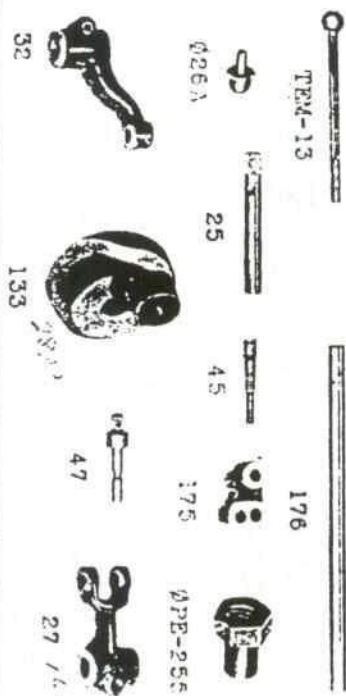
USMC

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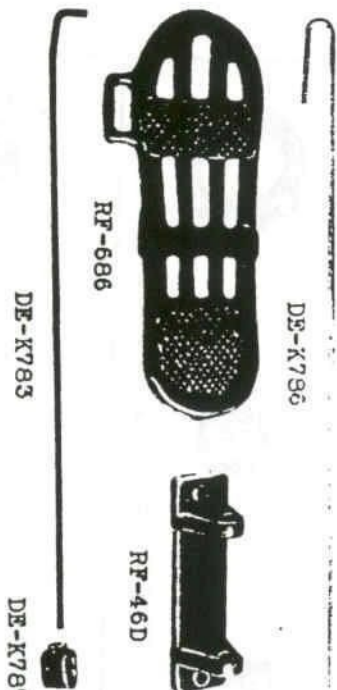
UEB

PLATE 3

RACEWAY ROCKING PARTS



TREADLE PARTS



RACEWAY THROWOUT PARTS



IDLER PULLEY PART



RACEWAY PARTS

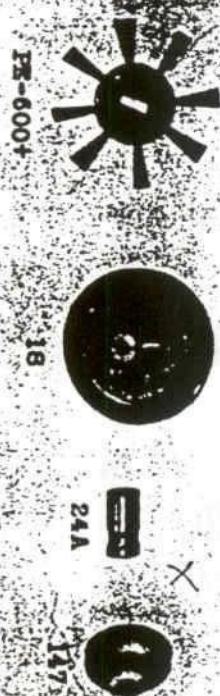
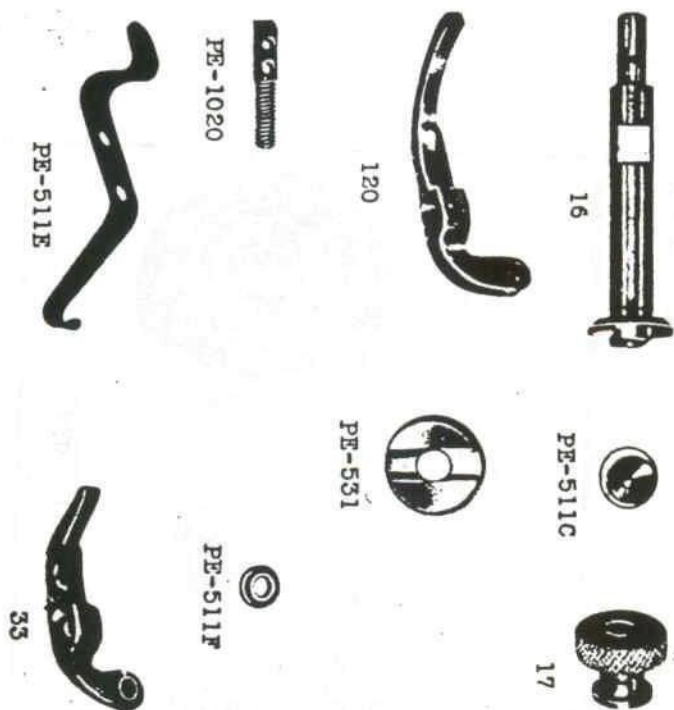
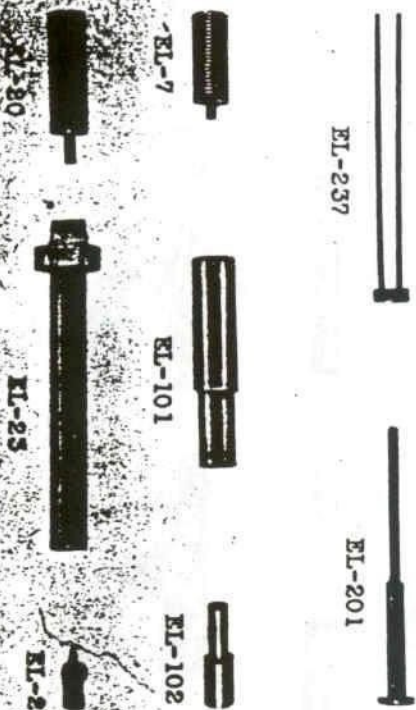


PLATE 4

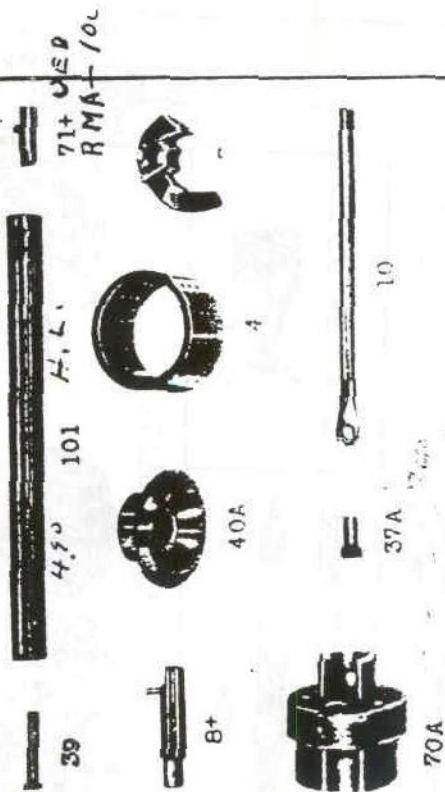
RACEWAY PARTS - CONT'D.



EYELET SETS



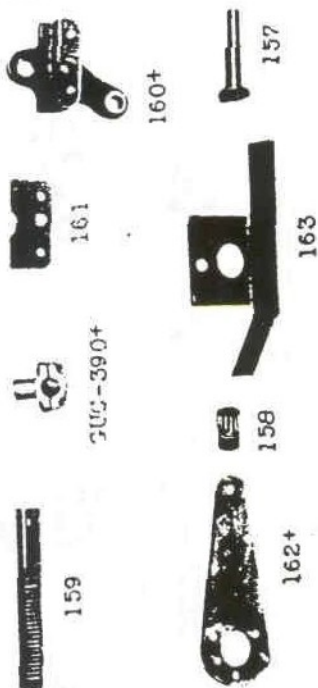
DRIVING PARTS



BRUSH CONTINUOUS FEED PARTS



EYELET BRUSH OSCILLATING DEVICE

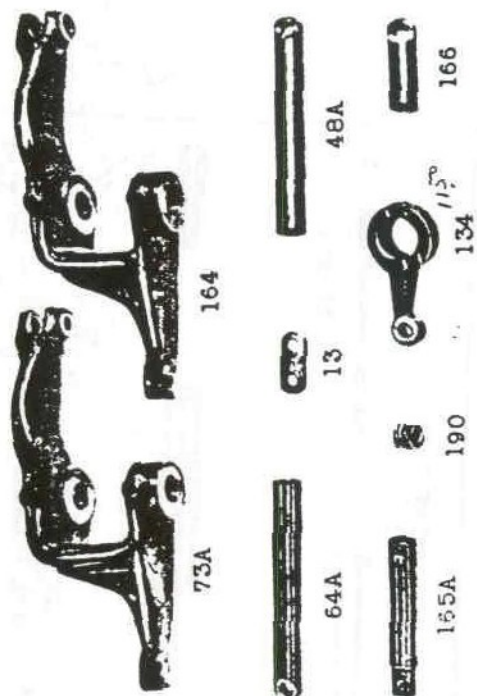


1 2 3
INCHES

USMC

UEB

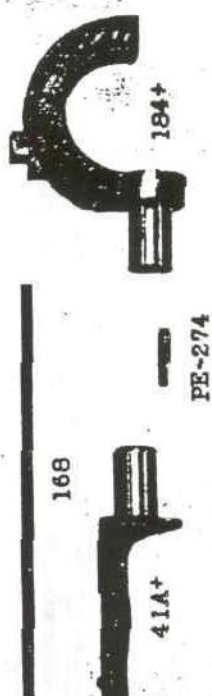
SET CAP OPERATING PARTS



SPEED REDUCER PARTS



HORN PARTS



1 2 3
INCHES

USMC

UEB