

# TM 9-3444-203-10

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

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OPERATOR'S MANUAL

PRESS, ARBOR, HAND OPERATED  
(ACCO EQUIPMENT DIVISION OF  
AMERICAN CHAIN AND CABLE CO.  
MODELS P-994 AND P-995)  
(344-449-7295)

This copy is a reprint which includes current  
pages from Changes 1.

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HEADQUARTERS, DEPARTMENT OF THE ARMY  
OCTOBER 1964

HEADQUARTERS  
DEPARTMENT OF THE ARMY  
WASHINGTON, D. C., 15 October 1964

TM 9-3444-203-10, is published for the use of all concerned.

By Order of the Secretary of the Army:

**HAROLD K. JOHNSON,**  
*General, United States Army,*  
*Chief of Staff.*

Official:

J. C. LAMBERT,  
**Major General, United States Army,**  
*The Adjutant General.*

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**Active Army:**

DCSLOG (1)	Armies (3) except
CNGB (1)	Seventh USA (5)
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OS Maj Cored (1) except	JUSMMAT (1)
USARAL (2)	USACOMZEUR (1)
USARSO (7)	Units org under fol TOE:
OS Base Cored (2)	55-158 (2)

NG: State AG (3); units---same as active Army except allowance is one copy to each unit.

USAR: None.

For explanation of abbreviations used, see AR 320-50.

Change }  
No. 1 }

HEADQUARTERS  
DEPARTMENT OF THE ARMY  
Washington, D.C., 9 April 1973

**Operator's Manual,  
PRESS, ARBOR, HAND OPERATED  
(ACCO EQUIPMENT DIVISION OF  
AMERICAN CHAIN AND CABLE CO.  
MODELS P-994 AND P-995)  
(3444-449-7295)**

This change is current as of 23 February 1973

TM 9-3444-203-10, 15 October 1964, is changed as follows:

*Page 1.* (Added)

L This change identifies the type of catalog maintenance action taken in connection with the updating of previously published data.

*Page 6.* Add the following paragraph after page 6 and before page 7, as page 8.1.

1. PARTS INCLUDED WITH END ITEM: Parts included with end item and considered a component or part of the item configuration are listed on the following table. The part numbers listed are for (ACCO EQUIPMENT DIVISION OF AMERICAN CHAIN AND CABLE CO. MODELS P-994 and P-995).

*Pages 7 and 8.* APPENDIX is rescinded.

Part	Part No.
ANVIL.	(056379097)
ANVIL	(056379095)
ANVIL	(0563711284)
LEAF SPRING:	(0563710416)
RIVETER BASE ASSEMBLY:	(ISSUED AS COMPONENT OF MAJOR ITEM)
RIVET SET (TOOL):	(056379091)
RIVET SET (TOOL):	(056379092)
RIVET SET (TOOL):	(056379093)
RIVET SET (TOOL):	(056379094)
RIVET SET (TOOL):	(056379351)
WRENCH, PACKING NUT:	(05637X-10495)

By Order of the Secretary of the Army:

**CREIGHTON W. ABRAMS,**  
*General, United States Army*  
Chief of Staff.

Official:

**VERNE L. BOWERS**  
*Major General, United States Army,*  
*The Adjutant General.*

Distribution:

*Active Army:*

DSCLOG (3)  
CNGB (1)  
TSG (1)  
COE (5)  
Dir of Trans (1)  
ACSC-E (1)  
CONARC (2)  
ARADCOM (2)  
ARADCOM Rgn (2)  
LOGCOMD (2)  
AMC (5)  
WECOM (10)  
MUCOM (2)  
AVSCOM (2)  
OS Maj Cored (2)  
Armies (3) except  
Seventh USA (5)

Eighth USA (5)  
Corps (2)  
Instl (2) except  
Ft Monmouth (5)  
APG (1)  
AD (2) except  
TEAD (16)  
USATSCH (1)  
USAATC (1)  
Arsenals (1) except  
Detroit (5)  
JUSMMAT (1)  
USACOMZEUR (1)  
Brooklyn Army Tml (1)  
Ft Knox FLDMS (10)  
4th USASA Fld Sta (1)  
Units org under fol TOE:  
55-158 (2)

ARNG: Stage AG (3); Units--Same as Active Army, except allowance is one (1) copy of each.

USAR: None.

For explanation of abbreviations used, see AR 310-50.

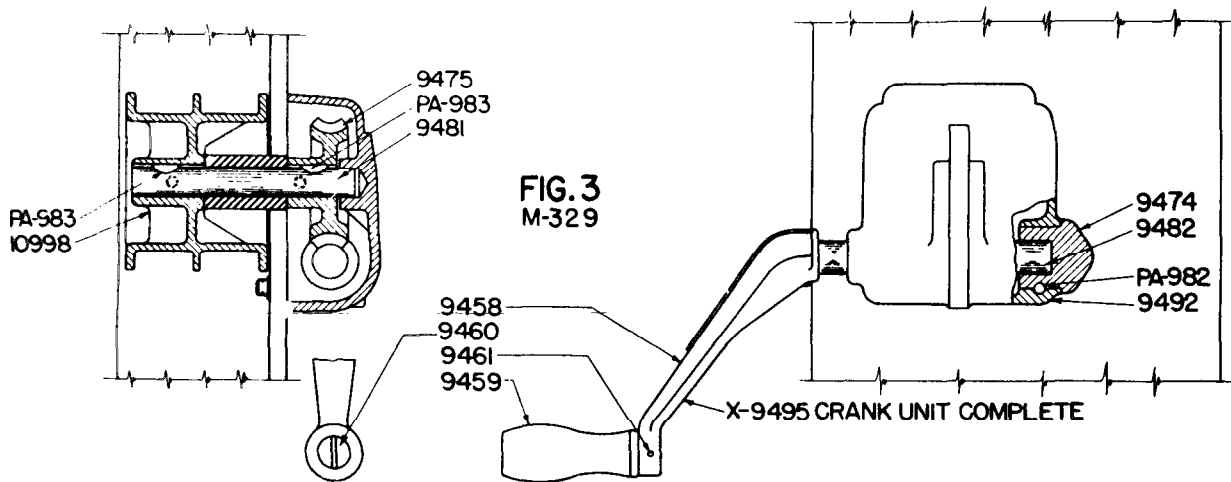
## PARTS LIST AND INSTRUCTIONS FOR MHP-60 HYDRAULIC PRESS MODEL Nos. P-994 and P-995

To FILL PRESS WITH Ore—Remove filler plug PA-739, Fig. 1, and put in approximately 5 quarts of ACCO Hydraulic Oil and replace plug. Prime the pump by giving pump about 10 to 16 strokes with the release valve open. Remove plug PA-786 at top of cross until the air is forced out of cylinder and oil shows in the opening. Replace plug.

How to OPERATE—Raise or lower the winch operated table to suit the work. Insert table pins X-10914, Fig. 2. Place the work under the screw and spin the hand bearing hand wheel until the screw nose rests on the work. Close the release valve 9959, Fig. 1, and set the speed selector 9487, Fig. 1, for the type work to be done. For light work set at 20-ton fast, for medium work set at 30-ton medium and for heavy work set at 60-ton slow. Operate the pump until the desired pressure is obtained. To retract ram, open release valve 9959, Fig. 1, and the ram will return to its highest position. Then spin hand wheel to return screw to its highest position.

Caution—Before using press, always put the protecting cap 412-C on the end of screw so as not to burr its end. The table cables are intended for raising and lowering the table only. Do not apply pressure on work until table pins have been inserted.

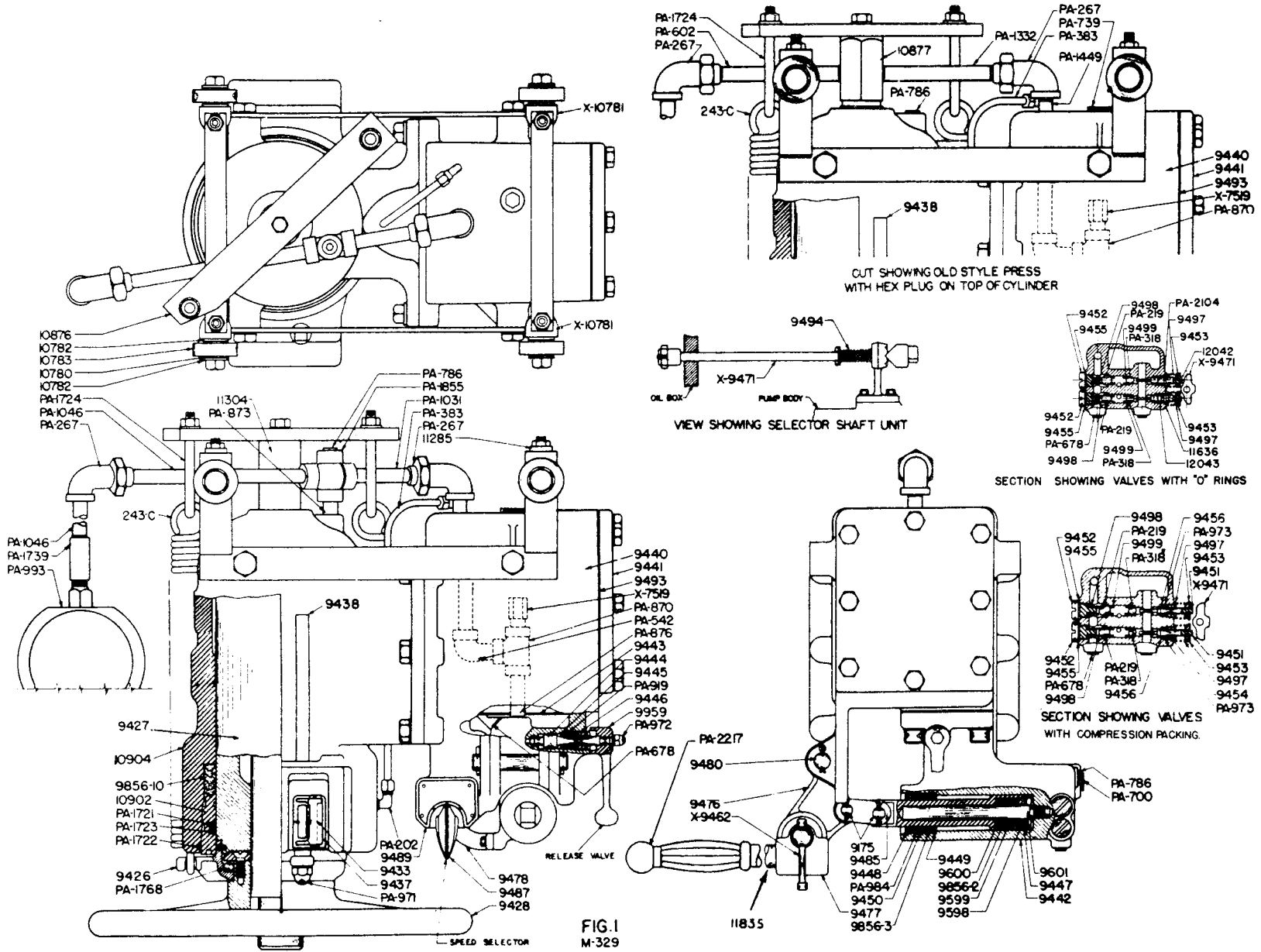
PACKING—Press is equipped with chevron type packing. Do not Draw Adjusting Nut Tight. To adjust: Draw packing nut Part No. 10902 ( Fig. 1 ) tight and then back off one half turn.

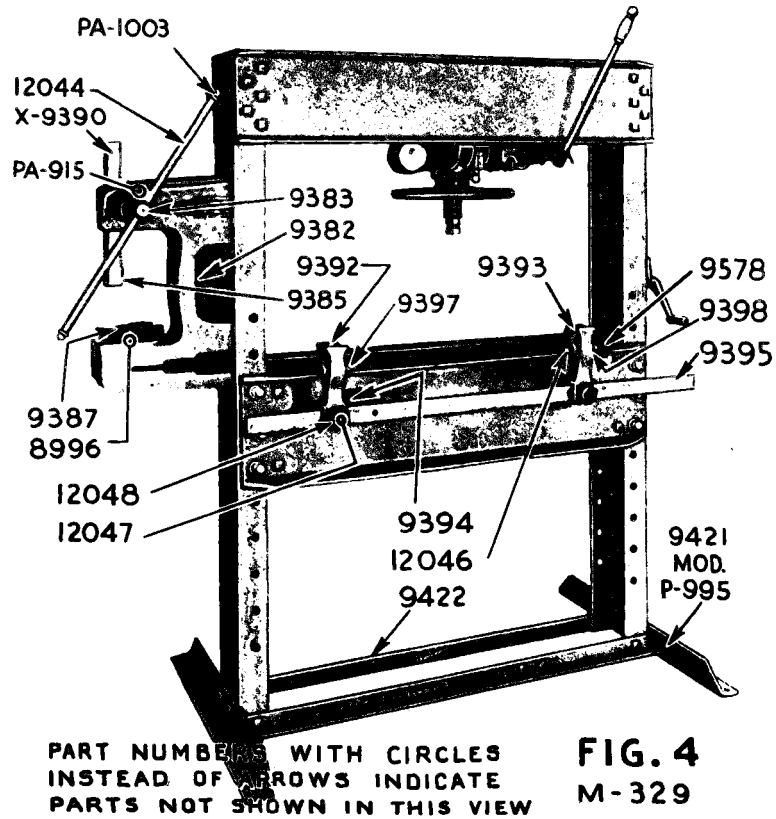
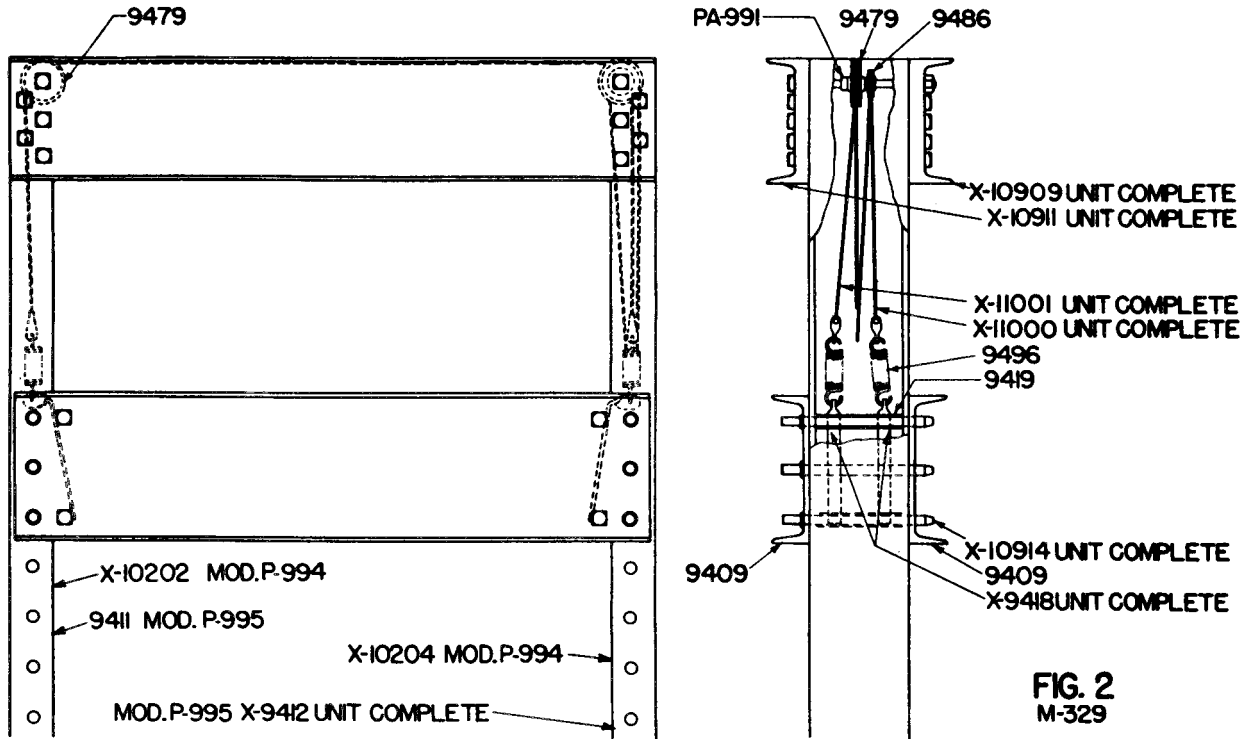


### PARTS LIST FOR MHP-60 HYDRAULIC PRESS— MODELS Nos. P-994 and P-995

Part No.	No. Req'd	Description
X-9401	1	Frame Assembly Complete Consisting of the following
X-10911	1	Front Top Channel Unit Complete (10" x 4'-4" lg.)
X-10909	1	Rear Top Channel Unit Complete (10" x 4'-4" lg.)
X-9412	1	R. H. End Channel Unit Complete (8" x 3½" x 6'-2" lg.)
X-10914	6	Table Pin Unit Complete
X-9418	2	Spring Hook Unit Complete
9409	2	Table Channel (12" x 4'-3" lg.)
9411	1	L. H. End Channel (8" x 3½" x 6'-2" lg.)
9419	2	Pipe Spacer—¾" Std. Pipe x 8½" lg.
9421	2	Base Angle 3½" x 2½" x ¼" (3'-0" lg.)
9423	2	Base Tie Angle 2" x 2" x ¼" (4'-2¾" lg.)
X-10915	1	Hydraulic Unit Complete Consisting of the following:
10904	1	Cylinder
9426	1	Pull Back Yoke
9427	1	Ram
9428	1	Hand Wheel
9856-2	1	Set Chevrans ¾" I.D. 5-Solid Rings
9856-3	1	Set Chevrans 1" I.D. 3-solid Rings with Bottom Adapter Ring

Part No.	No. Req'd	Description
9856-10	1	Set Chevrans 5" I.D. 5-Solid Rings with Bottom Adapter Ring
PA-202	2	Rt. Angle Ball Fastener ½" P.T. ¼" O.D. Copper Tubing
PA-219	2	Steel Ball (Hardened)—½"
PA-267	2	Ex. Heavy Fern Union Ell—¼"
PA-318	2	Steel Ball (Hardened)—½"
PA-1768	33	Steel Ball (Hardened)—¾"
PA-383	1	Pc. Copper Tubing ¼" O.D. x 13¾" lg.
PA-542	1	Ex. Heavy Banded Street Ell—¼"
PA-1449	1	Ex. Heavy Nipple ¼" x 5¾"
PA-678	3	Pipe Plug—½"
PA-700	1	Pipe Plug—¾"
PA-739	1	Pipe Plug—¾"
PA-786	2	Pipe Plug—¼"
PA-919	3	Ring Packing ¾" I.D. x ⅝" thick
PA-971	1	Acorn Nut—½"
PA-972	1	Acorn Nut—½"
PA-973	4	Ring Packing ¼" I.D. x ¼" thick
PA-878	1	Ex. Heavy Nipple—¼" x 2¾"
PA-602	1	Ex. Heavy Nipple—¼" x 6"
PA-1332	1	Ex. Heavy Nipple—¼" x 5"
X-10202	1	L. H. End Channel Unit
X-10204	1	R. H. End Channel Assem.





## PARTS LIST AND INSTRUCTIONS FOR MHP-60 HYDRAULIC PRESS MODEL Nos. P-994 and P-995

Part No.	No. Req'd	Description	Part No.	No. Req'd	Description
PA-984	2	Packing Ring 1" I.D. x thick	9601	1	Power Plunger 5/8" dia. x 5 7/8" lg.
PA-1724	2	Eye Bolt	X-9408	1	Table Raising Unit Complete Consisting of the following:
X-7519	1	Safety Valve Unit Complete	X-9495	1	Crank Unit Complete Consisting of the following:
X-9482	1	Clamp Screw Unit Complete	9548	1	Table Crank
X-9471	1	Selector Arm Unit Complete	9459	1	Crank Handle
243-C	2	Tension Spring	9460	1	Spindle 3/8" dia. x 3 3/4" lg.
9175	2	Pin 1/2" dia. x 1 1/2" lg.	9461	1	Pin 3/8" dia. x 1" lg.
9431	1	Collar 4 3/8" O.D. x 3/8" thick	10998	1	Drum
9432	1	Screw 2 3/8" dia. x 1 3/8" lg.	9474	1	Cap
9433	1	Key 3/8" x 1/2" x 2" lg.	9475	1	Worm Wheel
9437	1	Depth Gauge	9492	1	Housing
9438	1	Depth Gauge 1/2" x 9 7/8" lg.	9481	1	Drum Shaft 5/8" dia. x 4 1/8" lg.
9440	1	Oil Box	9482	1	Worm 1 1/4" dia. x 5 1/8" lg.
9441	1	Oil Box Lid	PA-983	2	Woodruff Key No. 5
9442	1	Pump Body	PA-982	1	Groov-Pin 1/4" dia. x 1 1/2" lg.
9443	1	Pump Body Gasket	X-11000	1	Table Cable Unit 9'-2 1/2" lg.
9444	1	Release Valve Stem 3/8" x 3 7/8" lg.	X-11001	1	Table Cable Unit—13'-2 1/8" lg.
9445	1	Bottom Ring 3/8" dia. x 1 1/2" thick	264-J	2	Low V-Block
9446	1	Packing Nut 3/4" dia. x 1 1/2" lg.	412-C	1	Screw Cap
9447	1	Plunger 1 3/8" dia. x 6 1/2" lg.	704-C	2	Raising Block
9448	1	Packing Nut 1 3/8" dia. x 3/8" lg.	9479	2	Pulley
9449	1	Bottom Ring 1 3/8" dia. x 3/8" lg.	9486	1	Pulley 2" dia.
9450	1	Top Packing Ring—1 3/8" dia. x 3/8" lg.	9496	2	Spring
9451	2	Valve Stem 3/8" dia. x 2 3/8" lg.	PA-991	2	Shaft Collar
9452	2	Valve Plug 3/4" dia. x 1 1/8" lg.	PA-993	1	Hydraulic Gauge—3 1/2" dia. 70 Ton—5" Ram.
9453	2	Spring Seat 1 1/8" dia. x 3 1/2" lg.	X-10495	1	Packing Nut Wrench
9454	2	Packing Nut 1 1/2" dia. x 1 1/2" lg.	10876	1	Spring Retaining Plate
9455	2	Valve Gasket 7/8" O.D. x 3/2" thick	PA-1721	1	"O" Ring 5" I.D. x 1/4"
9456	2	Bottom Ring 1 1/8" O.D. x 3/2" thick	PA-1722	1	"O" Ring 6" I.D. x 1/4"
9476	1	Pump Link	PA-1723	1	Leather Non-Ext. Ring 5 1/2" O.D. x 1/4" Th.
9477	1	Handle Clamp	10902	1	Packing Ring 4 3/4" I.D. x 2 3/8" lg.
9478	1	Bracket	X-10781	2	Roller Bracket Unit
9480	1	Pin 3/8" dia. x 3 3/8" lg.	10780	4	Wheel Bushing 3/8" O.D. x 3/8" lg.
11835	1	Operating Lever	10782	12	Washer
9959	1	Valve Operating Lever	10783	4	Wheel 1 3/4" O.D.
9485	2	Pump Link 1/4" x 7/8" x 2 1/8" lg.	10877	1	Spec. Pipe Plug
9487	1	Selector Knob	PA-870	1	Ex. Heavy Banded Tee—1/4"
PA-2217	1	Rubber Handle Grip	PA-1739	1	Ex. Heavy Coupling—1 1/4"
9489	1	Selector Plate	PA-602	2	Ex. Heavy Nipple 1/4" x 6"
9493	1	Oil Box Gasket	PA-1046	1	Ex. Heavy Nipple 1/4" x 7 1/2"
9494	1	Compression Spring	PA-1449	1	Ex. Heavy Nipple 1/4" x 5 3/4"
9497	2	Tension Spring	11285	2	Strap 8 3/8" Lg.
9498	2	Tension Spring	11304	1	Spec. Pipe Plug (Round)
9499	2	Tension Spring	PA-1855	1	E.H. Cross—1/4"
9598	1	Packing Nut 1 1/4" dia. x 3/8" lg.	PA-2104	2	"O" Ring 3 1/2" I.D. x 1/4"
PA-1031	1	Ex. Heavy Nipple 1/4" x 3"	11636	2	Packing Nut Gasket 3/4" O.D. x 1/4" Thick.
PA-873	1	Ex. Heavy Nipple 1/4" x 1 1/2"	12042	2	Valve Stem 2 3/8" lg.
9599	1	Male Packing Adapter 1 1/4" dia. x 3/8" th.	12043	2	Packing Nut 1 1/4" lg.
9600	1	Female Packing Adapter 1 1/8" dia. x 3/8" th.			

## PARTS LIST FOR AP-3 AUXILIARY ARBOR PRESS MODEL No. P-1154

(See Fig. 4)

X-9390	1	Rack Unit Complete	8996	1	Spec. Drive Stud
9382	1	Press Body	9385	1	Plunger Cap—1 3/8" dia. x 1 3/4" lg.
9387	1	Pressing Block	PA-915	1	Groov-Pin 3/8" x 2 1/2" lg.
9383	1	Pinion Shaft 1 3/4" dia. x 12 1/8" lg.	PA-1003	2	Retaining Ring for 7/8" Dia. Shaft
12044	1	Handle Lever 7/8" dia. x 27 1/8" lg.			

## PARTS LIST FOR UNIVERSAL TEST CENTERS MODEL No. P-1153

(See Fig. 4)

9394	2	Parallel Bracket	12046	1	Live Center 7/8" dia. x 5 3/4" lg.
9392	1	Dead Center Bracket	9398	1	Lock Nut 1 1/2" dia. x 1/2" lg.
9393	1	Live Center Bracket	12047	2	Bracket Screw 1/2" dia. x 1 1/8" lg.
9395	1	Parallel Bar 3/8" x 1 3/4" x 5 1/2" lg.	12048		Handwheel
9397	1	Dead Center 7/8" dia. x 2 1/2" lg.			

Always give catalog number and model number of Press when ordering parts.

(All Bolts Nuts, Rivets and Washers Must be Ordered by Size and Thread.)

Note: Defective parts must be returned prepaid when making claim for credit. No invoice rendered for less than 50 cents.

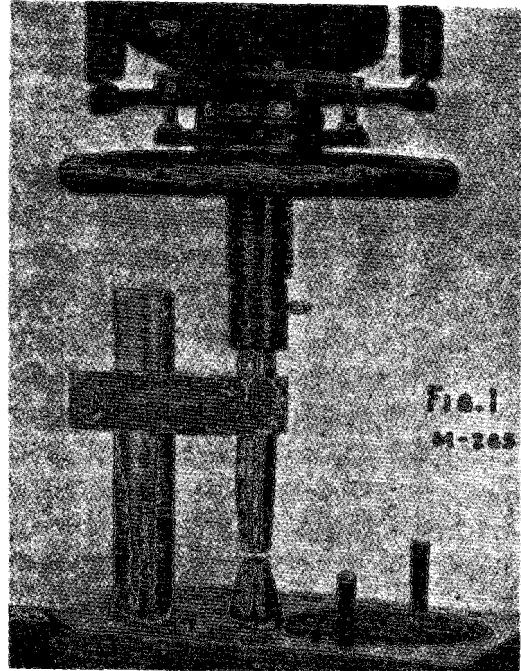


**PARTS LIST AND INSTRUCTIONS FOR OPERATING  
RIVET UPSETTING TOOL  
Cat. No. 45-W Model No. 866**

UNCRATING—The rivet upsetting tools are shipped complete in one crate and the following parts should be included with each shipment.

The 45-W includes the rivet upsetting tool complete with 5 rivet Sets,  $\frac{5}{16}$ " and  $\frac{3}{8}$ ",  $\frac{7}{16}$ ",  $\frac{1}{2}$ ",  $\frac{5}{8}$ ", and 1-Spec.  $\frac{5}{16}$ " and  $\frac{3}{8}$ " and 3 Anvils.

The ACCO Rivet Upsetting Tools were designed to be used with all model ACCO Presses, to rivet ring gears with cold rivets. With this type of riveting, the holes are pressed completely full of metal and a correct and uniform head may be formed, which is difficult to obtain with hand methods. The following instructions apply to all riveters.



**TO RIVET**

Place the riveter on the table of press so that upper riveting tool aligns with nose on press plunger or screw, as shown in Figure No. 1. Select the proper anvil for the size rivets being used. Lay the ring gear on the anvil and adjust the leveling screws to hold the ring gear in a level position. Select the proper upper tool for size rivets being used.

In selecting rivets to do the job be sure they are of the correct diameter and length so that holes will be pressed full and the correct head formed, instead of bending or distorting.

A good method to use in determining the correct length is to multiply the diameter of rivet by one and one half (Dia. x 1.5) and add this to the length necessary to reach through parts being riveted.

In riveting ring gears it is best to first press one rivet tight then turn the gear one-half turn and press one tight on opposite side. Continue in this manner until four have been pressed tight then fill in space between. Always place rivets from bottom so that top can be easily seen by the operator while head is being formed. A constant pressure applied by the press will be sufficient to draw rivets tight and no peaning or hammering is necessary.

NOTE: Defective parts must be returned prepaid when making claim for credit. Always give catalog number and model number of rivet upsetting tool when ordering parts. Prices on parts are subject to change without notice. No invoice rendered for less than 50 cents.

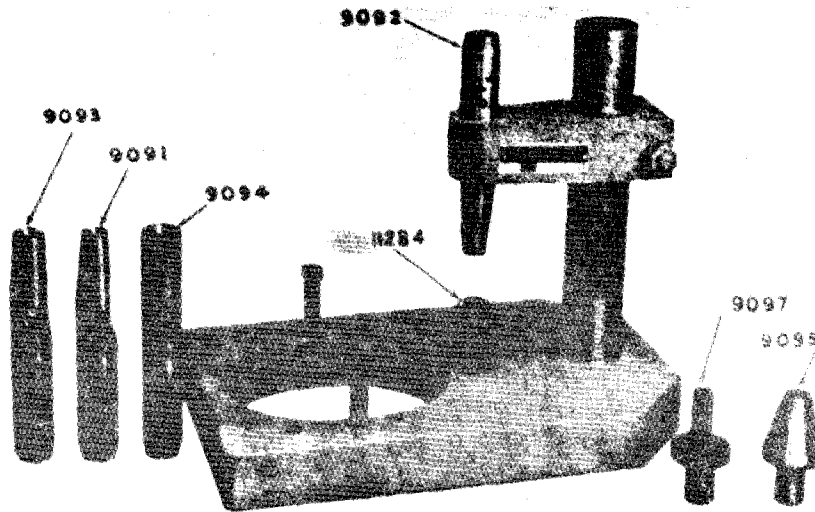


FIG. 2  
M-265

**PARTS LIST FOR RIVET UPSETTING TOOL**  
Cat. No. 45-W Model No. P-866

Part No.	No. Req'd	Description
9091	1	5/16" and 3/8" Rivet set 1 3/8" dia. x 8" long .....
9092	1	7/16" Rivet Set 1 3/8" dia. x 8" long .....
9093	1	1/2" Rivet Set 1 3/8" dia. x 8" long .....
9094	1	3/4" Rivet Set 1 3/8" dia. x 8" long .....
9095	1	Anvil (7/8") 2" dia. x 3 3/4" long .....
11284	1	Anvil (1 1/8") 2" dia. x 5 3/8" long .....
9097	1	Anvil (5/8" x 3/8") 2" dia. x 5 1/4" long .....
935T	1	5/16" and 3/8" Spec. Rivet Set 1 3/8" dia. x 8" long .....
10416	1	Leaf Spring .....

(All Bolts, Nuts, Rivets and Washers must be ordered by size and thread.)

**APPENDIX I**  
**BASIC ISSUE ITEMS LIST**

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**Section I. PREFACE**

**1. General**

This appendix is a list of basic issue items. It is composed of those items which make up the major end item of equipment and the operator's tools and equipment that are issued with the equipment and are required for stockage.

**2. Requisition Notes**

When requisitioning a C source (local procurement) item identified only by a manufacturer's part number, it is mandatory that the following information be furnished the supply officer:

- a. Manufacturer's code number (5 digit number preceding the colon in the descriptive column).
- b. Manufacturer's part number (the number, and sometimes letters, following the colon, (1) above). Dashes, commas, or other marks must be included exactly as listed.
- c. Nomenclature exactly as listed herein, including dimensions if necessary.
- d. Name of manufacturer of end item (from cover of TM or manufacturer's name plate).
- e. Federal stock number of end item (from TM).
- f. Manufacturer's model number (from TM or name/data plate, preferably name/data plate).
- g. Manufacturer's serial number (from name/data plate).
- h. Any other information such as type, frame number, and electrical characteristic, if applicable.
- i. If DD Form 1848 is used, fill in all blocks except 4, 6, 6, and Remarks field, in accordance with AR 725-50. Complete form as follows:

- (1) In blocks 4, 6, and 6, list manufacturer's code and manufacturer's part

number (as listed in description column) .

- (2) In Remarks field, list noun name (repair part), end item application (FSN of end item), manufacturer, model number (end item), serial number (end item), and any other pertinent information such as frame number, type, etc.

**3. Explanation of Columns**

a. *Source, Maintenance, and Recoverability Code* (Col. 1).

- (1) Material numerical code (col. 1a). This column indicates the responsible commodity command for the materiel. The commodity command responsible for supply of items in this list is:

Code	Type material
9	Ordnance materiel

- (2) Source (col. 1b). This column indicates the selection status and source for the listed item. Source code used in this list is:

Code	
c	Obtain through local procurement. If not obtainable from local procurement, requisition through normal supply channels with a supporting statement of nonavailability from local procurement.

- (3) Maintenance level (col. 1c). This column indicates the category of maintenance authorized to install the listed item. Maintenance level code used in this list is:

Code	Explanation
O/C	Operator or crew maintenance.

(4) *Recoverability* (col. 1d). This column indicates whether unserviceable items should be returned for recovery or salvage. When no code is indicated, the item will be considered expendable. Recoverability code used in this list is:

<i>Code</i>	<i>Explanation</i>
R	Items which are economically repairable at direct and general support maintenance activities and are normally furnished by supply on an exchange basis.

b. *Federal Stock Number* (col. 2). Not applicable.

c. *Description* (col. 3). This column indicates the Federal item name (shown in capital letters) and any additional description required for supply operations. The manufacturer's code and part number are also included for reference.

<i>Code</i>	<i>Explanation</i>
05637	Acco Equipment Division of American Chain and Cable Co., York, Pa.

d. *Unit of Issue* (col. 4). This column indicates the quantity to be Requisitioned.

e. *Quantity Authorized* (Col. 5). This column indicates the quantity of the listed item authorized for stockage to constitute the prescribed load.

f. *Illustration* (col. 6). This column indicates the figure number of the illustration that depicts the listed item. When more than one item appears on an illustration, the item number is also indicated.

#### 4. Abbreviations and Symbols

Not applicable.

#### 5. Suggestions and Recommendations

The direct reporting by the individual user, of errors, omissions, and recommendations for improving this manual is 'authorized and encouraged. DA Form 2028 (Recommended Changes to DA Publications) will be used for reporting these improvements. This form will be completed in triplicate using pencil, pen, or typewriter. The original and one copy will be forwarded direct to:

Commanding General  
 Headquarters, U.S. Army  
 Weapons Command  
 ATTN : AMSWE-SMM-P  
 Rock Island Arsenal  
 Rock Island, Ill. 61202

**Section II. BASIC ISSUE ITEMS**

(1) Source maintenance and recoverability code				(2) Federal stock No.	(3) Description	(4) Unit of issue	(5) Quantity authorized	(6) Illustration	
(a) Material code	(b) Source	(c) Maintenance level	(d) Recoverability					(a) Figure No.	(b) Item No.
9			R	3444-449-7295	<p align="center"><b>MAJOR COMBINATION</b></p> <p>The following item is to be requisitioned for initial issue only.</p> <p><b>PRESS, ARBOR, HAND OPERATED: (05637:P-994 and P-995).</b></p> <p align="center"><b>COMPONENTS OF MAJOR COMBINATION</b></p> <p align="center">None authorized.</p> <p align="center"><b>REPAIR PARTS</b></p> <p align="center">None authorized.</p> <p align="center"><b>TOOLS AND EQUIPMENT FOR:</b></p> <p align="center"><b>PRESS, ARBOR, HAND OPERATED:</b></p> <p align="center">(05637:P-994 and P-995)</p>	ea			
9	C	O/C			ANVIL: 3/4 x 3/4, 2 dia x 5 1/2 lg (05637:9097)	ea	1	3	3
9	C	O/C			ANVIL: 3/8, 2 dia x 3 3/4 lg (05637:9095)	ea	1	3	5
9	C	O/C			ANVIL: 1 1/2, 2 dia x 5 1/2 lg (05637:11284)	ea	1	3	7
9	C	O/C			LEAF SPRING: punch retainer (05637:10416)	ea	1		
		O/C			RIVETER BASE ASSEMBLY: (issued only as a component of the major combination).	ea	1	3	1
	C	O/C			RIVET SET (TOOL): 3/8 and 1/2, 1 1/2 dia x 8 lg (05637:9091).	ea	1	3	6
9	C	O/C			RIVET SET (TOOL): 3/8, 1 1/2 dia x 8 lg (05637:9092).	ea	1	3	4
9	C	O/C			RIVET SET (TOOL): 1/2, 1 1/2 dia x 8 lg (05637:9093).	ea	1	3	2
9	C	O/C			RIVET SET (TOOL): 3/8, 1 1/2 dia x 8 lg (05637:9094).	ea	1	3	9
9	C	O/C			RIVET SET (TOOL): (special), 3/8 and 1/2, 1 1/2 dia x 8 lg (05637:9351).	ea	1	3	8
9	C	O/C			WRENCH, PACKING NUT: (05637:X-10495)	ea	1	3	10

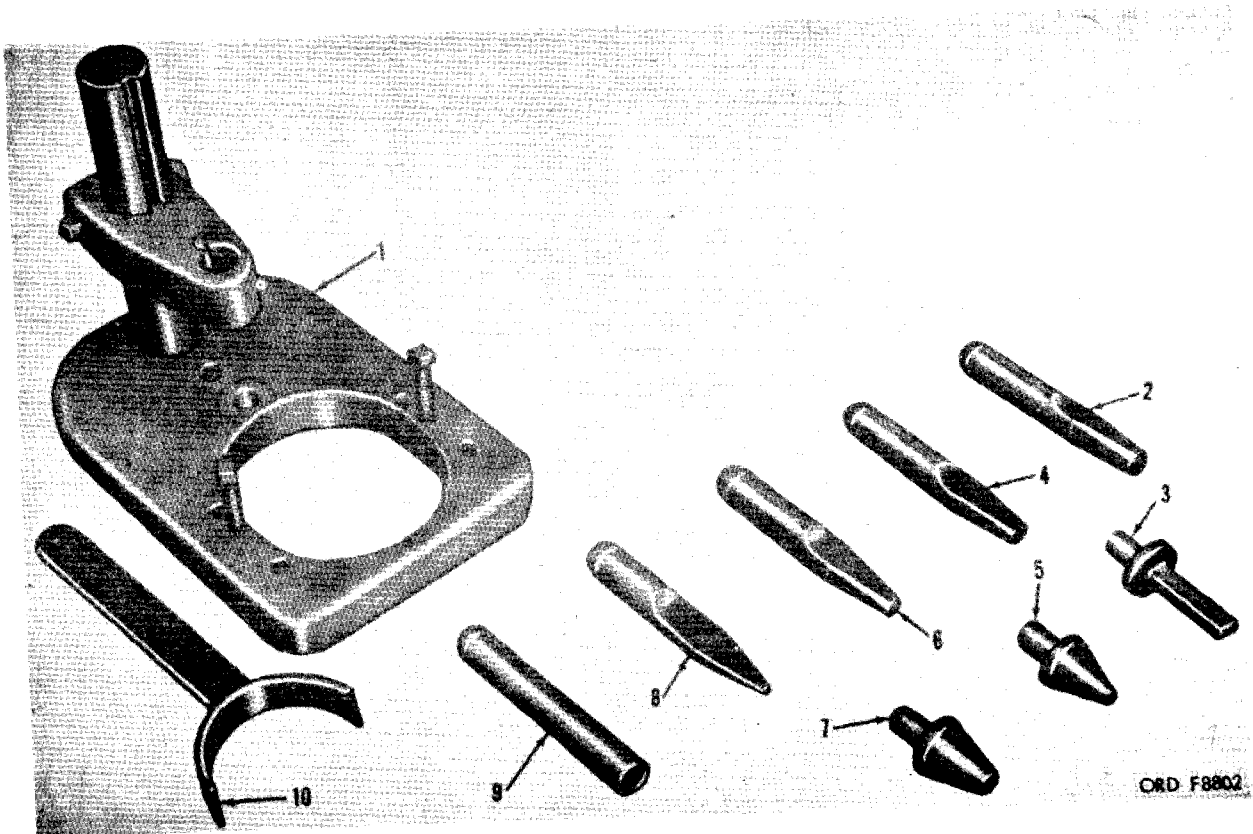


Figure 3. Tools and equipment.



