



**DEARBORN**  
**PLOWS**

**MOLDBOARD**  
**DISC**  
**MIDDLEBUSTER**  
**SUBSOILER**

**MASTER PARTS BOOK**



DECEMBER 1952

**DEARBORN MOTORS CORPORATION - BIRMINGHAM, MICHIGAN**

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# DEARBORN *Plows* MASTER PARTS BOOK

## PREFACE

The purpose of this Parts Book is to present, in convenient group sequence, a listing of all parts which may be required to service Dearborn Plows, Dearborn Middlebuster, Taylor Disc Tiller, and the Dearborn Subsoiler.

This Parts Book is divided into six Groups. Group 1 covers the Dearborn Moldboard Plows, Group 2 the Dearborn Disc Plow, Group 3 the Taylor Disc Tiller, Group 4 the Dearborn One-Way Plow, Group 5 the Dearborn Middlebuster, and Group 6 the Dearborn Subsoiler. A list of models covered by this book appears as a Model Index on page 4 together with the Group number in which each model may be located.

December, 1952

**DEARBORN MOTORS CORPORATION**  
**2500 EAST MAPLE ROAD, BIRMINGHAM, MICHIGAN**

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## GENERAL INFORMATION

To insure simplicity and in keeping with a uniform system of parts book preparation this book has been compiled and arranged according to seven major divisions as follows:

**GENERAL INFORMATION** - This division contains an explanation of the features of this catalog plus instructions and examples as to how the catalog may be most efficiently used.

**MODEL INDEX** - This division contains a list of all models covered by this Parts Book together with the Group number in which each model may be located.

**GROUP INDEX** - This division contains a list of the main groups and sub-groups into which the Parts List has been separated, together with the page number on which each of these groups appear.

**ILLUSTRATION INDEX** - This division lists the figure numbers, titles and page numbers on which each illustration may be found.

**ALPHABETICAL INDEX** - This division contains an alphabetical listing of all parts together with the Group numbers in which each part may be found.

**PARTS LIST** - This division, which makes up the body of the catalog, lists all the parts which are available for service replacement, and indicates the part number and name of each, as well as the quantity required per unit.

In order to simplify the locating of parts, this division has been broken down into main groups and sub-groups as listed in the Group Index on page 8. For example, Group 5 covers the Dearborn Middlebuster, and has been broken down into three sub-groups as follows:

- Group 5-1 Frame Assembly
- Group 5-2 Bottom Assembly
- Group 5-3 Coulter Assembly

To further simplify the locating of parts in the Parts List and to insure positive identification of the part or parts required an Exploded View Illustration has been placed at the beginning of each sub-group. These illustrations are actual photographs of the various assemblies, sub-assemblies and attaching parts listed in each sub-group. Each part in every illustration has been given an item number which ties it up directly with its respective part number in the Parts List.

**NUMERICAL INDEX** - This division contains a list of all parts in numerical order, together with their part name and page number on which each part may be found.

### INSTRUCTIONS FOR LOCATING PARTS WITHIN THIS PARTS BOOK

By using the various indexes, illustrations and the grouping system employed in this book any part may be easily located. For example:

1. If only the name or description of the part is known -
  - a. Turn to the Alphabetical Index and locate the part by description of name in alphabetical sequence.
  - b. Turn to the Group number listed and locate the desired part in the Parts List.

2. If only the function of the part is known -
  - a. Turn to the Group Index or the model illustrations in the front of the book and ascertain the group in which the part is most likely to appear in the Parts List.
  - b. Turn to the indicated group and refer to the illustration preceding that group and locate the desired part on that illustration.
  - c. Ascertain the item number of the part desired and locate the item number on the immediately following Parts List by using the illustration reference column.
3. If only the part number is known -
  - a. Turn to the Numerical Index and locate the part in numerical sequence.
  - b. Turn to the page number listed and locate the desired part in the Parts List.

**NOTE:**

The following examples are offered to show the ease and simplicity with which parts may be located in this book.

- (1) For example, if the parts order clerk or a mechanic wishes to ascertain the part number of the Beam for the Middlebuster he can first turn to the Alphabetical Index which lists the part he is looking for as Beam to be found in Group 5-1. By turning to Group 5-1 he will find the part number of the part required to be 103499.

If he is in doubt as to whether the part he has found is the correct part a check can be made by referring to the illustration as indicated by the figure number and item number shown in the Illustration Reference Column.

- (2) For another example, if he wishes to locate the same part but he does not know the correct name of the part, but does know it is part of the Frame Assembly, he can refer to the Group Index on page 8. In this Index he will find the Frame Assembly to be in Group 5-1 located on page 83. On turning to this page he will find an Exploded View Illustration of the Frame Assembly heading up this group. By referring to this Illustration he will find the part he wants to be item No. 27. By referring to the Illustration Reference column in the Parts List directly following the illustration he will find the part number listed after item No. 27 to be 103499.

It would also be possible to locate the group which this part was in by referring to the model illustrations in the front part of the book. Here on Figure 8 he will find the Beam he is looking for with an arrow pointing to it designating that this part can be found in Group 5-1. When the group number has been determined the same procedure of locating the part on the illustration and Parts List in Group 5-1 could be followed as outlined in the previous paragraph.

- (3) If the part number of the Beam required is known to be 103499 the number can simply be looked up in the Numerical Index on page 92. Here again he will find the part he is looking for can be found on page 83.

It is felt that by careful study of the instructions and examples outlined above and then by putting them to practice when using the book that you will find this Parts Book extremely simple to use as well as concise and complete in every way.

## MODEL INDEX

Model No.	Description	Group No.
10-1	Dearborn Plow 14" (Prior Model) . . . . .	1-1A
	Includes - 14" General Purpose Bottom . . . . . (10-36 & 10-37)	1-2A
	15-1/2" Plain Disc Coulters w/Joiners. . . . .	1-3A
	Rolling Landside . . . . . (103000)	1-4
10-1A	Dearborn Plow 14" (Prior Model) . . . . .	1-1A
	Includes - 14" General Purpose Bottoms . . . . . (10-36 & 10-37)	1-2A
	18" Plain Disc Coulters w/Joiners . . . . .	1-3A
	Rolling Landside . . . . . (103000)	1-4
10-2	Dearborn Plow 14" (Prior Model) . . . . .	1-1A
	Includes - 14" Stubble Bottoms . . . . . (10-170 & 10-171)	1-2A
	15-1/2" Plain Disc Coulters w/Joiners . . . . .	1-3A
	Rolling Landside . . . . . (103000)	1-4
10-8	Dearborn Plow 12" (Prior Model) . . . . .	1-1A
	Includes - 12" Sod or Clay Bottoms . . . . . (10-41 & 10-42)	1-2B
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	Rolling Landside . . . . . (103000)	1-4
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	Includes - 15-1/2" Plain Disc Coulters w/Joiners . . . . .	1-2C
	Rolling Landside . . . . . (103000)	1-4
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10-16A	Dearborn Plow 14" (Prior Model) . . . . .	1-1A
	Includes - 18" Plain Disc Coulters w/Joiners . . . . .	1-2A
	Rolling Landside . . . . . (103000)	1-4
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10-17	Dearborn Plow 12" (Prior Model) . . . . .	1-1A
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NOTE: \*The Standard Plow is made up of an Economy Plow Frame and a Standard or conventional type bottom, such as listed in group 1-2A through 1-2E.

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CLAMP, Pivot, Weed Hook . . . . .	1-5	GUARD, Trash . . . . .	4-1
CLEVIS, Arm Chain. . . . .	1-3A	-H-	
CLEVIS, Weed Hook. . . . .	1-5	HANDLE, Throwout . . . . .	1-7
COLLAR, Coulter Hub . . . . .	1-3A	HANGER, Bearing . . . . .	4-1
COLLAR, Foot . . . . .	5-1	HANGER, Gang . . . . .	3-2
CONE, Bearing . . . . .	2-2, 2-3, 4-3	HEEL, Landside . . . . .	1-2F, 1-2G
COULTER ASSY. (See Model Index) . . . . .	---	HINGE, Furrow Wheel . . . . .	3-3
COUNTERBALANCE, Disc Plow. . . . .	2-1	HOOK ASSY., Weed . . . . .	1-5
CRANK, Land Wheel. . . . .	3-4	HOUSING, Bearing. . . . .	4-2
CUP, Bearing . . . . .	2-2, 3-3, 3-4, 4-3	HOUSING, Pipe . . . . .	3-2
-D-		HUB ASSY., Coulter. . . . .	1-3A, 1-3B, 4-3, 5-3
DISC, Adjusting. . . . .	1-1A	HUB ASSY., Furrow Wheel . . . . .	3-3
DISC, Coulter . . . . .	1-2A, 1-3B, 4-3, 5-3	HUB ASSY., Land Wheel. . . . .	3-4
DISC, Disc Plow . . . . .	2-2	HUB ASSY., Tail Wheel . . . . .	2-3
DISC, Disc Tiller. . . . .	3-2	HUB, Rolling Landside . . . . .	1-4
DISC & HUB ASSY., Coulter. . . . .	1-3A, 1-3B, 5-3	-J-	
DISC, One-Way Plow . . . . .	4-2	JOINTER ASSY. . . . .	1-3B
DRAW ROD, Share. . . . .	1-2E	-L-	
-E-		LANDSIDE ASSY., Rolling. . . . .	1-4
EXTENSION, Moldboard . . . . .	1-2A	LANDSIDE, Bottom . . . . .	1-2A, 1-2B, 1-2C, 1-2D, 1-2E, 1-2F, 1-2G
EYEBOLT . . . . .	1-1D, 1-2D, 2-2, 2-3, 4-1	LATCH, Auto . . . . .	1-1D
EYEBOLT, Coulter Stem. . . . .	1-1A, 1-1B, 1-1C, 1-6	LATCH, Throwout Lever . . . . .	1-7
-F-		LEVER, Throwout . . . . .	1-7
FLANGE, Coulter Hub . . . . .	1-3A, 1-3B, 4-3, 5-3	LINK, Balance. . . . .	1-1D
FOOT, Beam. . . . .	5-1	LINK, Locking Arm . . . . .	1-1D
FOOT, Middlebuster . . . . .	5-2	LOCATOR, Link Pin . . . . .	1-1A, 1-1B, 1-1C, 5-1
FOOT, Subsoiler . . . . .	6	-M-	
FORK, Coulter . . . . .	1-3A, 1-3B	MOLDBOARD ASSY. . . . .	1-2A, 1-2B, 1-2C, 1-2E, 1-2F, 1-2G, 5-2
FROG, Bottom . . . . .	1-2A, 1-2B, 1-2C, 1-2D, 1-2E, 1-2F, 1-2G, 5-2		

## ALPHABETICAL INDEX (Cont'd)

PART NAME	GROUP NO.	PART NAME	GROUP NO.
		SHARE, (See Share Ref. List, Page 90) . . . . .	---
-N-		SHEAVE, Beam . . . . .	1-1D
NUT, Housing . . . . .	3-2	SHEAVE, "Y" Frame . . . . .	1-1D
		SHIM, Moldboard . . . . .	1-2A, 1-2B, 1-2C
-P-		SHIN ASSY. . . . .	1-2E, 1-2G
PALM, Jointer . . . . .	1-3A, 1-3B	SLAT, Moldboard . . . . .	1-2D
PIN, Hinge . . . . .	3-3	SLEEVE, Bearing Retainer . . . . .	4-2
PIN, Hitch . . . . .	3-4, 6	SLEEVE, Coulter Hub . . . . .	5-3
PIN, Link . . . . .	1-1B, 1-1C, 1-1D, 3 3-4, 4-1, 5-1	SNUBBER, Cross Shaft . . . . .	1-1B, 1-1C
PIN, Safety . . . . .	2-1	SOCKET, Eyebolt . . . . .	2-2
PIN, Spring . . . . .	1-1D, 1-7	SPACER, Carrier Bracket . . . . .	2-3
PLATE, Attaching (Strap) . . . . .	1-2A, 1-2D, 1-2F, 1-2G	SPACER, Coulter Axle . . . . .	4-1
PLATE, Base . . . . .	2-1	SPACER, Disc . . . . .	3-2, 4-2
PLATE, Grease Retainer . . . . .	3-3, 3-4	SPACER, Foot . . . . .	5-1
		SPACER, Fork . . . . .	1-3B
-R-		SPACER, Arm & Beam . . . . .	1-1D
RETAINER, Grease . . . . .	2-2, 2-3	SPACER, Oil Seal . . . . .	3-2, 3-3, 3-4
RETAINER, Tine . . . . .	1-5	SPACER, Pipe . . . . .	5-2
RING, Snap . . . . .	4-2	SPACER, Rear Brace . . . . .	1-6
ROD, Depth, Adjusting . . . . .	3-3	SPACER, Retainer . . . . .	1-5
RUNNER, Bottom . . . . .	5-2	SPACER, Sheave . . . . .	1-1D
		SPACER, Strut . . . . .	5-1
-S-		SPACER, Support . . . . .	1-2D
SCRAPER, Disc . . . . .	2-2, 3-1	SPACER, Tie Rod . . . . .	1-1A, 1-1B, 1-1C
SCRAPER, Furrow Wheel . . . . .	3-3	SPACER, Top Link Bracket . . . . .	1-1A, 1-1B, 1-1C, 6
SCRAPER, Land Wheel . . . . .	3-4	SPINDLE, Disc . . . . .	2-2
SCRAPER, Rolling Landside . . . . .	1-4	SPINDLE, Rolling Landside . . . . .	1-4
SEAL, Dust . . . . .	5-3	SPINDLE, Tail Wheel . . . . .	2-3
SEAL, Felt . . . . .	2-2	SPOOL, Bearing . . . . .	4-2
SEAL, Grease . . . . .	4-2, 4-3	SPRING, Auto. Latch . . . . .	1-1D
SEAL, Oil (Felt) . . . . .	3-2, 3-3, 3-4	SPRING, Coulter . . . . .	1-1D
SEAT, Coulter Stem . . . . .	1-1A, 1-1B, 1-1C, 1-6	SPRING, Handle . . . . .	1-7
SHAFT, Beam . . . . .	1-1D	SPRING, Tail Wheel Adj. . . . .	2-3
SHAFT, Cross . . . . .	1-1A, 1-1B, 1-1C, 2-1		
SHANK, Subsoiler . . . . .	6		

**ALPHABETICAL INDEX (Cont'd)**

PART NAME	GROUP NO.	PART NAME	GROUP NO.
STAND, Plow . . . . .	2-1	-W-	
STEM, Coulter . . . . .	1-3A, 1-3B	WASHER, Bearing . . . . .	4-2
STRUT, Middlebuster . . . . .	5-1	WASHER, Disc End . . . . .	3-2, 4-2
STRUT, Top Link . . . . .	2-1	WASHER, Disc Spacer . . . . .	3-2
STRUT, Weight Box . . . . .	4-1	WASHER, Retainer . . . . .	3-2, 3-3, 3-4
STUD, Ball . . . . .	1-1D	WASHER, Thrust . . . . .	1-2, 2-2
SUPPORT, Land Wheel . . . . .	3-4	WHEEL, Furrow . . . . .	3-3
SUPPORT, Pin (Bracket) . . . . .	4-1	WHEEL, Land . . . . .	3-4
SUPPORT, Slat . . . . .	1-2D	WHEEL, Rolling Landside . . . . .	1-4
SWIVEL, Crank . . . . .	3-4	WHEEL, Tail (Furrow Wheel) . . . . .	2-3
-T-		WRENCH, Eye Bolt . . . . .	1-1D
TAB, Coulter Spring . . . . .	1-1D	-Y-	
TIE ROD, Frame . . . . .	1-1A, 1-1B, 1-1C, 1-6	YOKE, Furrow Wheel Hinge . . . . .	3-3
TINE, Weed Hook . . . . .	1-5		
-U-			
U-BOLT, Cross Shaft . . . . .	1-1A		
U-BOLT, Coulter Axle . . . . .	4-1		
U-BOLT, Weed Hook . . . . .	1-5		

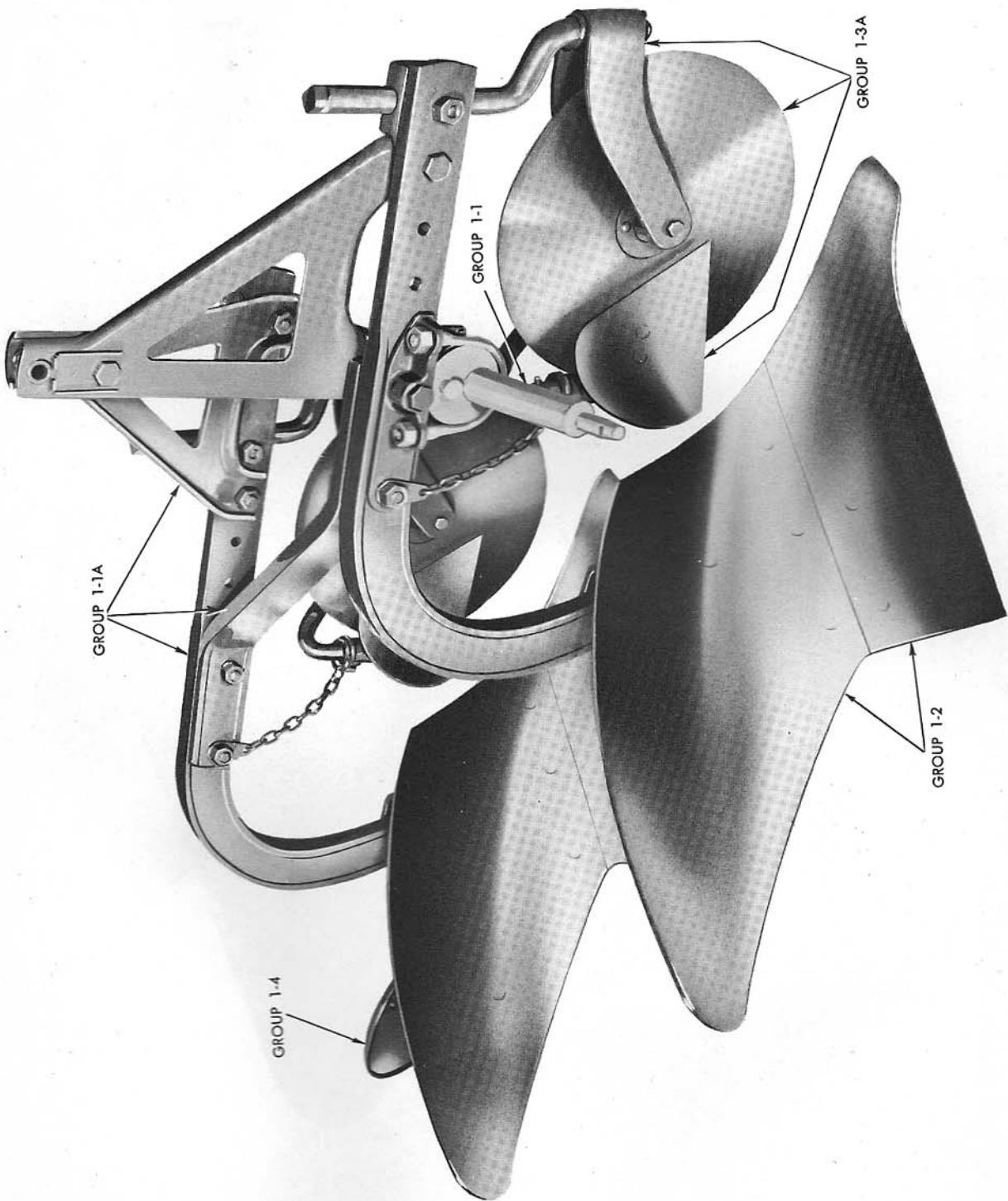
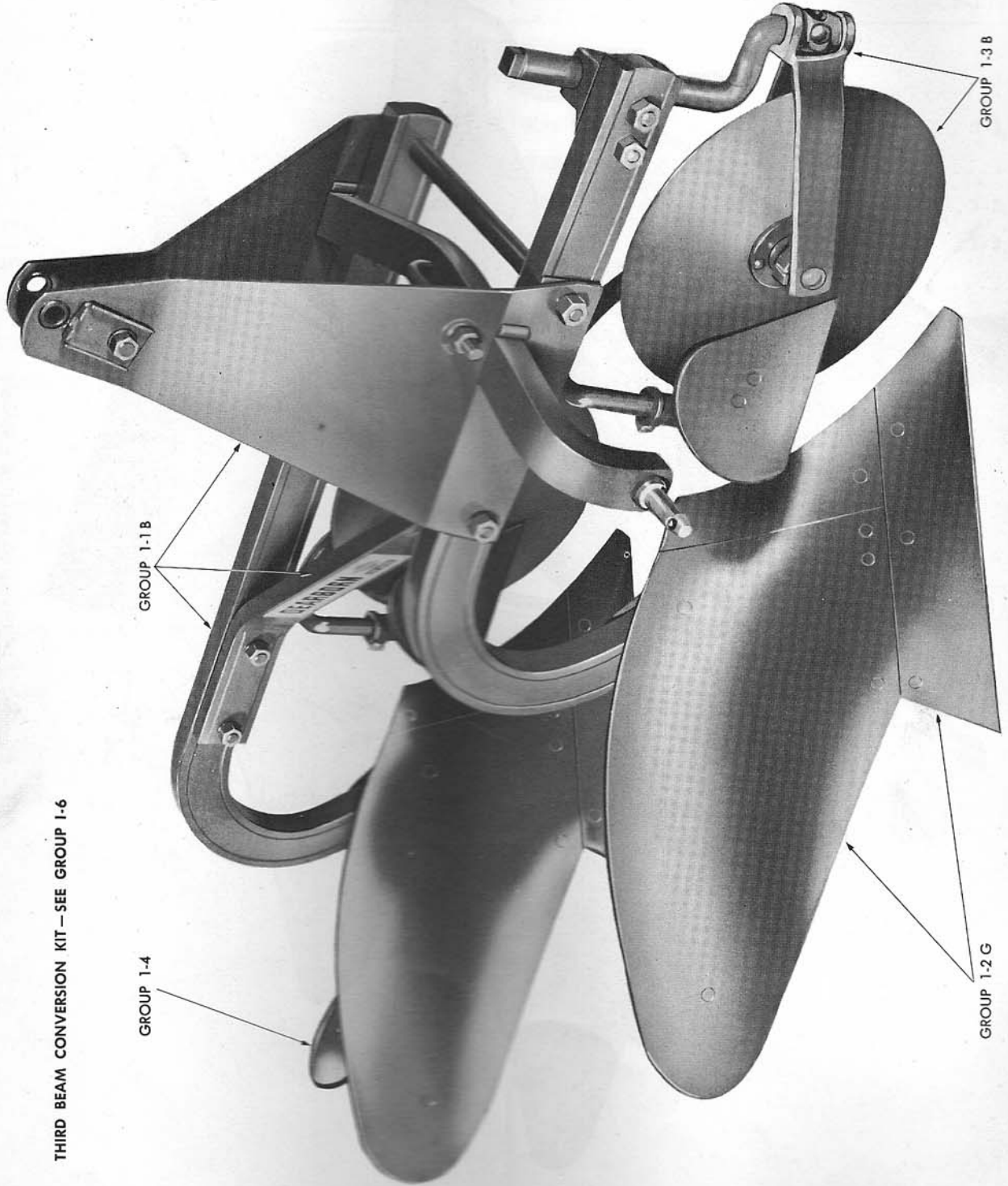


Figure 1 - Dearborn Plow (Prior Model)





THIRD BEAM CONVERSION KIT - SEE GROUP 1-6

GROUP 1-4

GROUP 1-1B

GROUP 1-2G

GROUP 1-3B

Figure 2 - Dearborn Economy Plow, Double Bottom

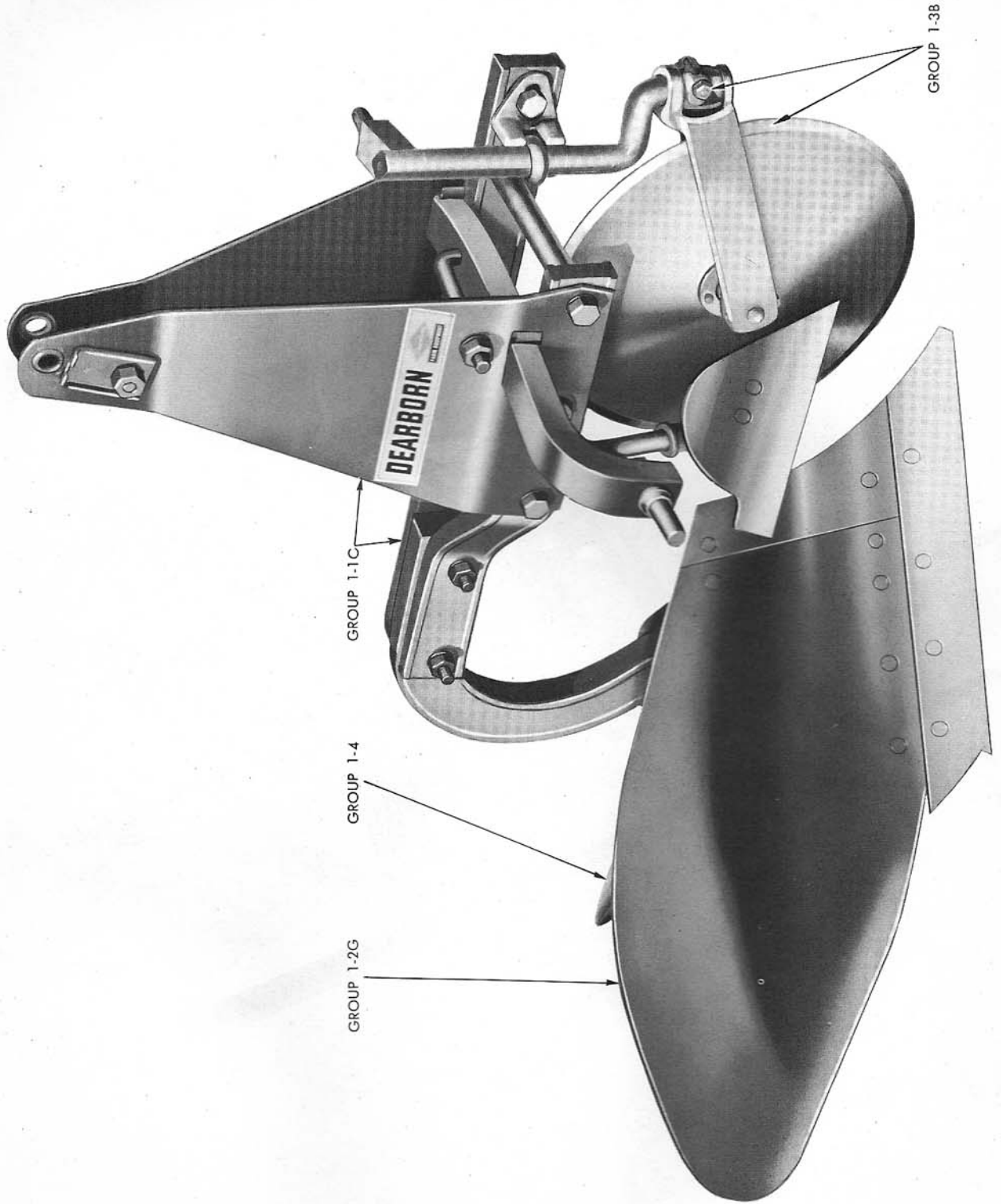


Figure 3 - Dearborn Economy Plow, Single Bottom

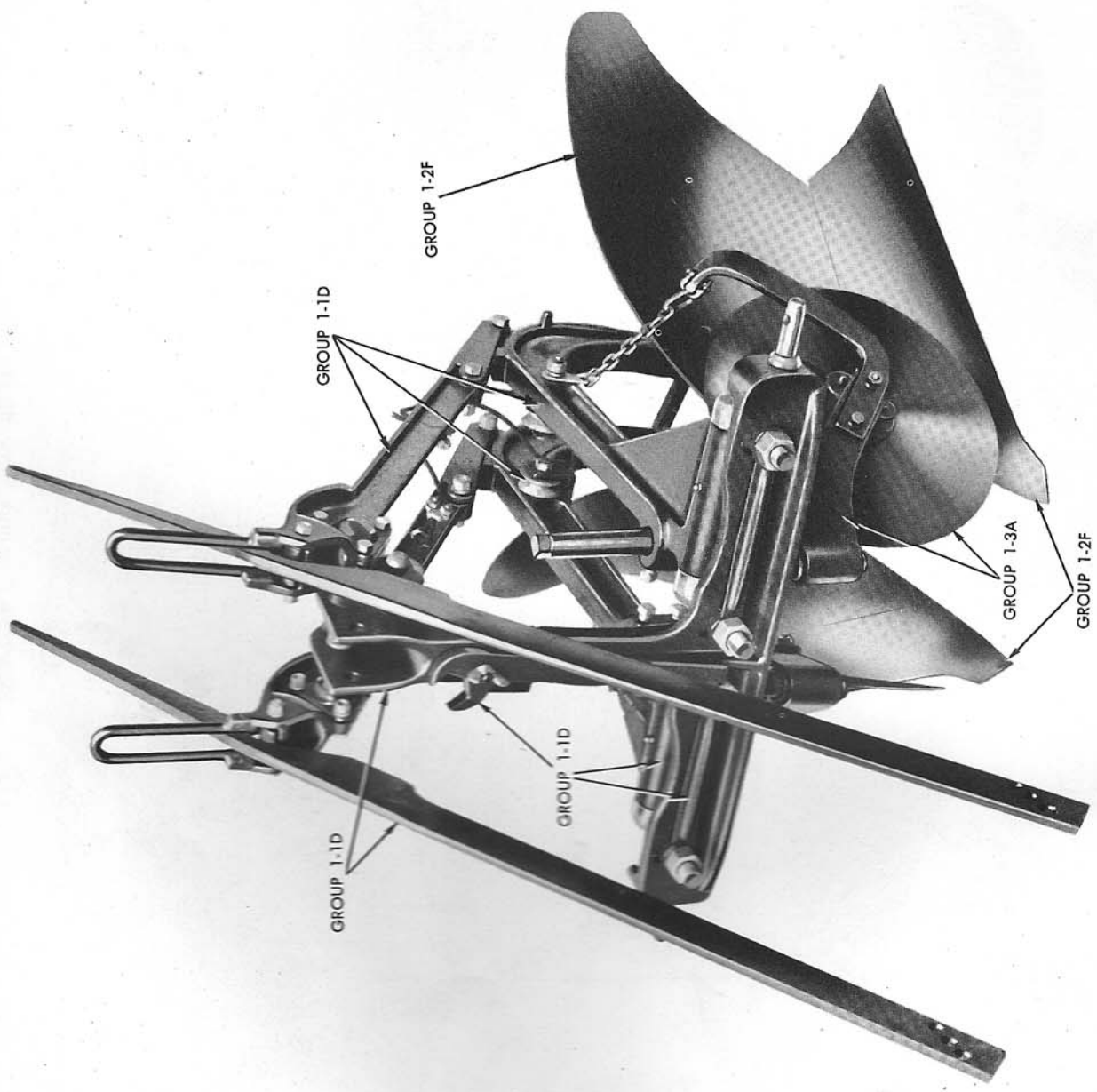


Figure 4 - Dearborn Two-Way Plow (Prior Model)

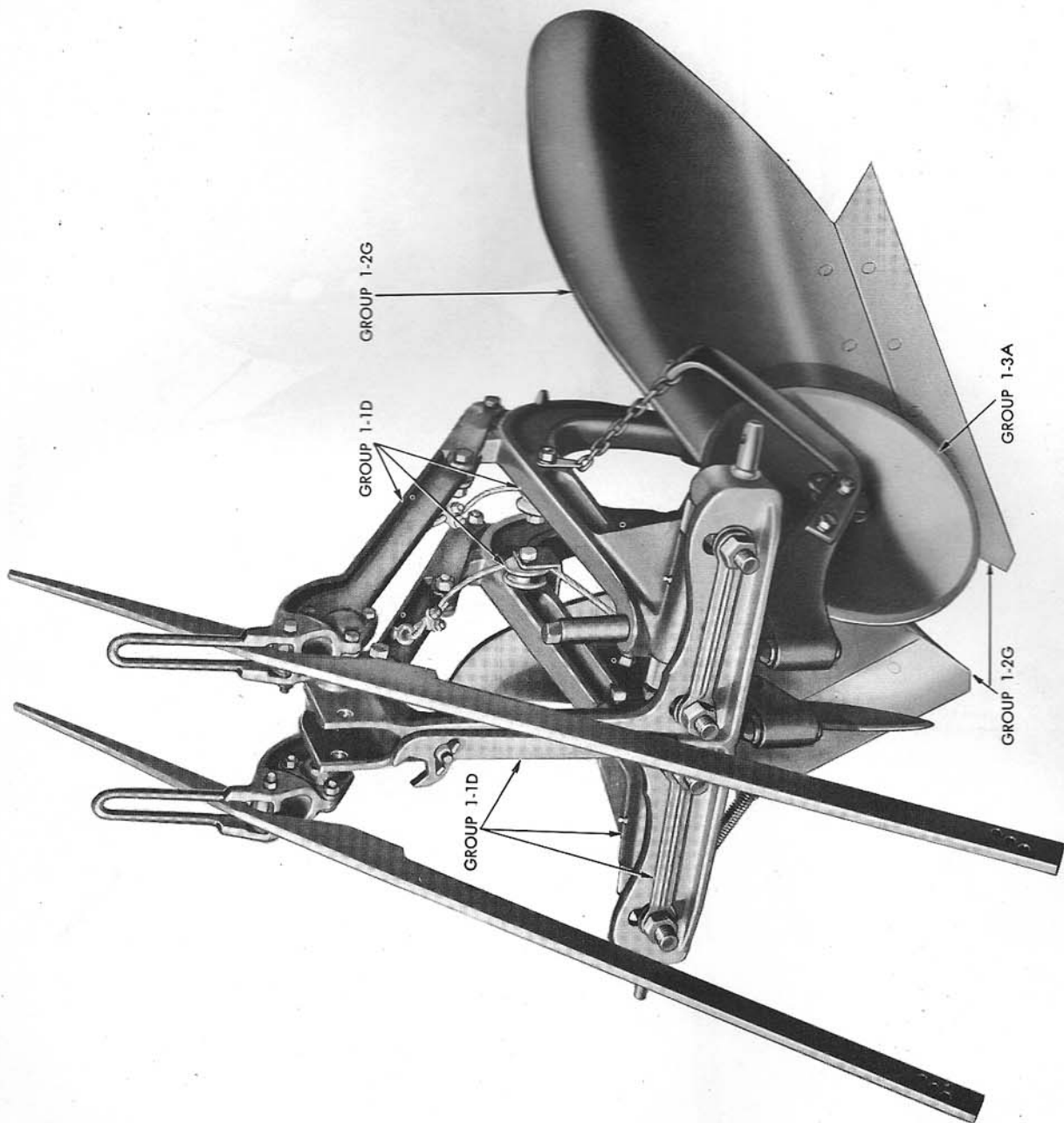


Figure 4A - Dearborn Two-Way Plow

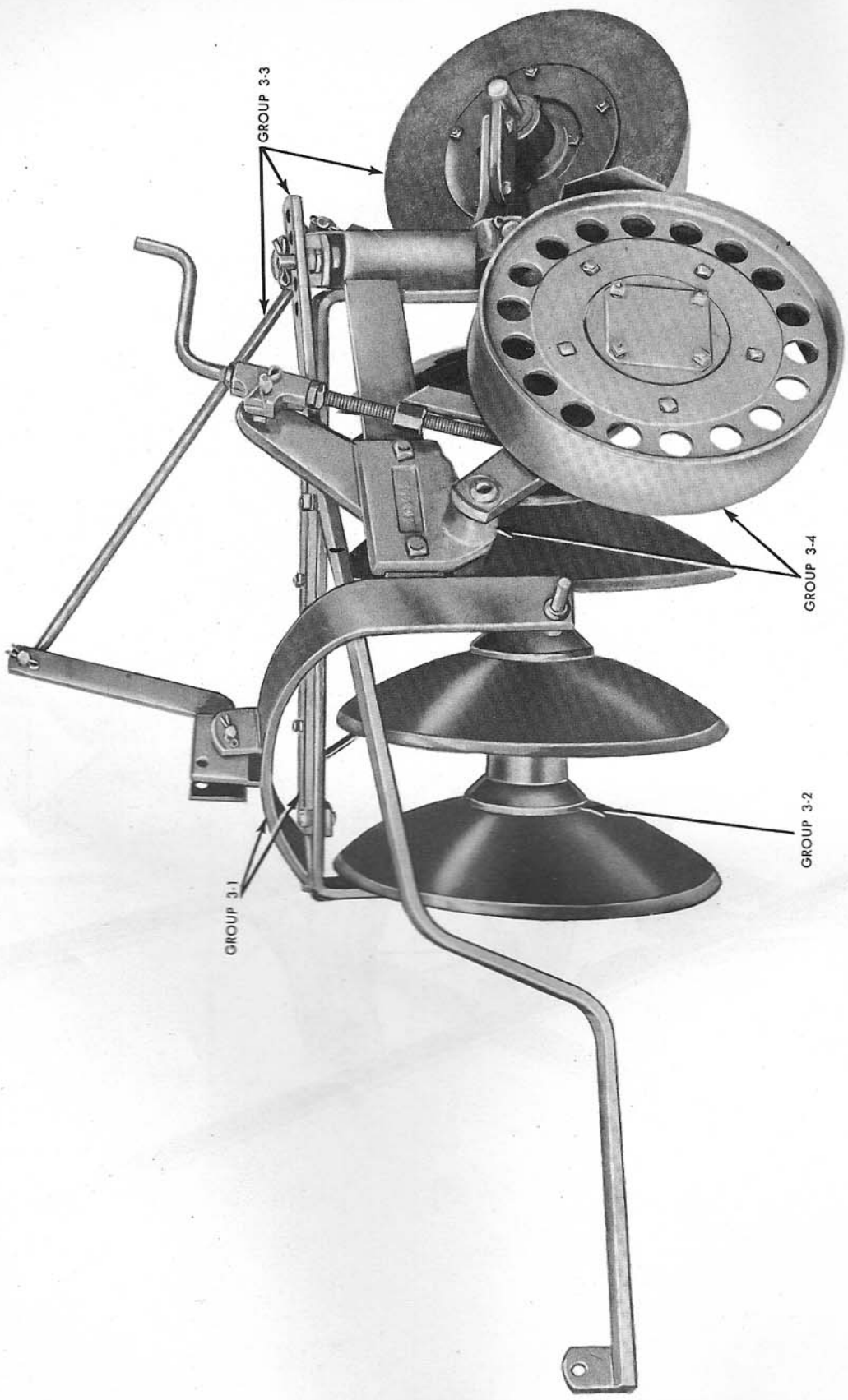


Figure 5 - Taylor Disc Tiller (Prior Model)

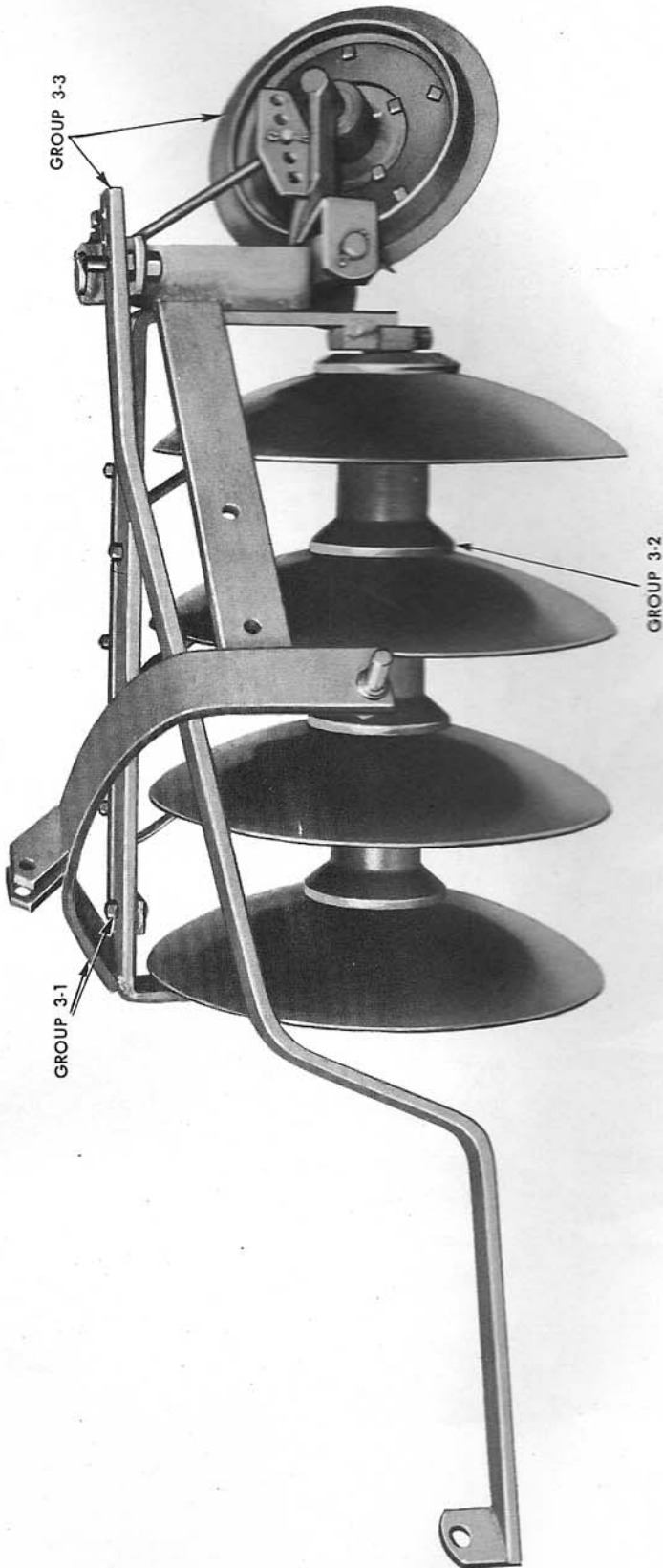


Figure 5A - Taylor Disc Tiller

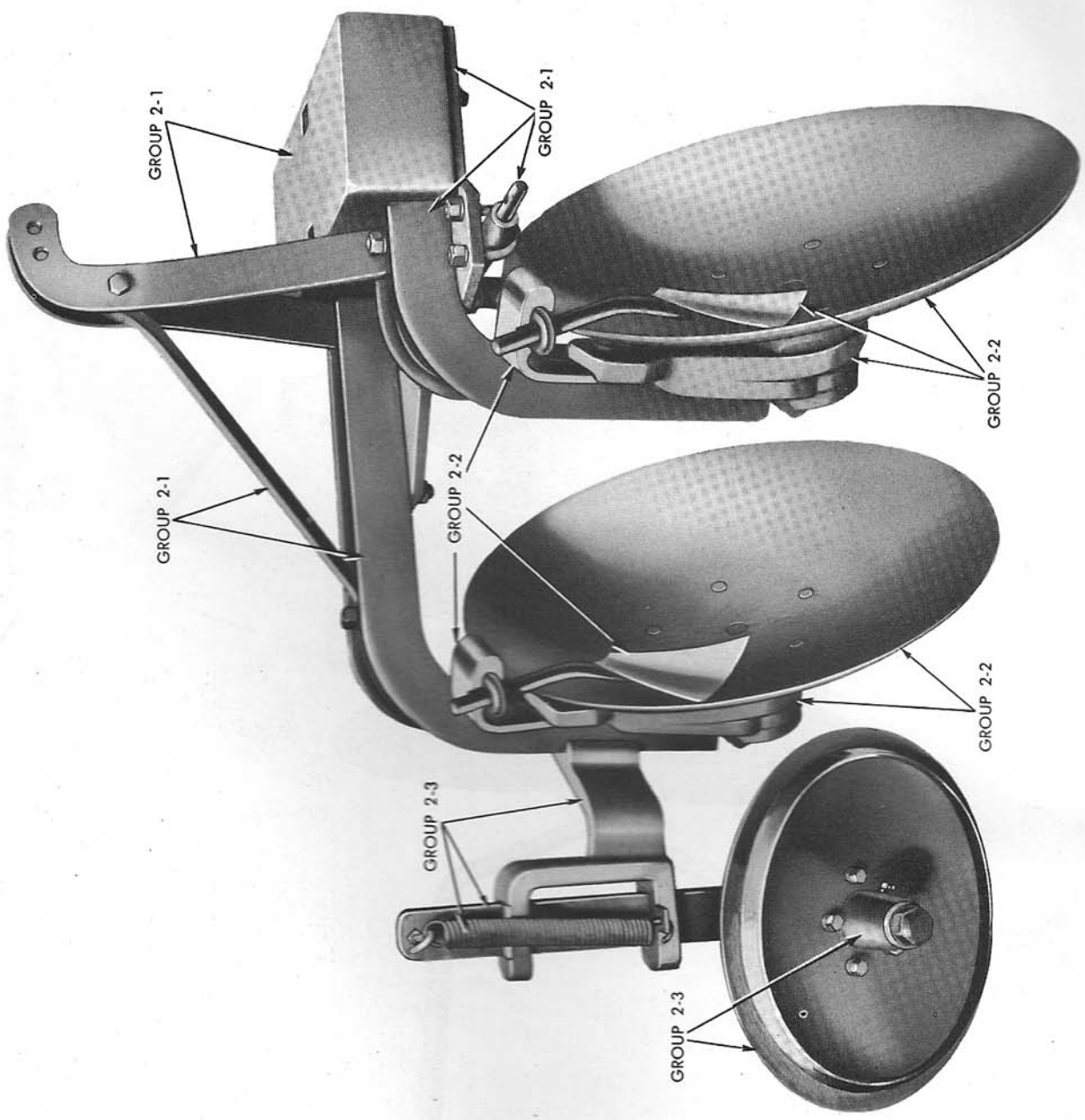


Figure 6 - Dearborn Disc Plow

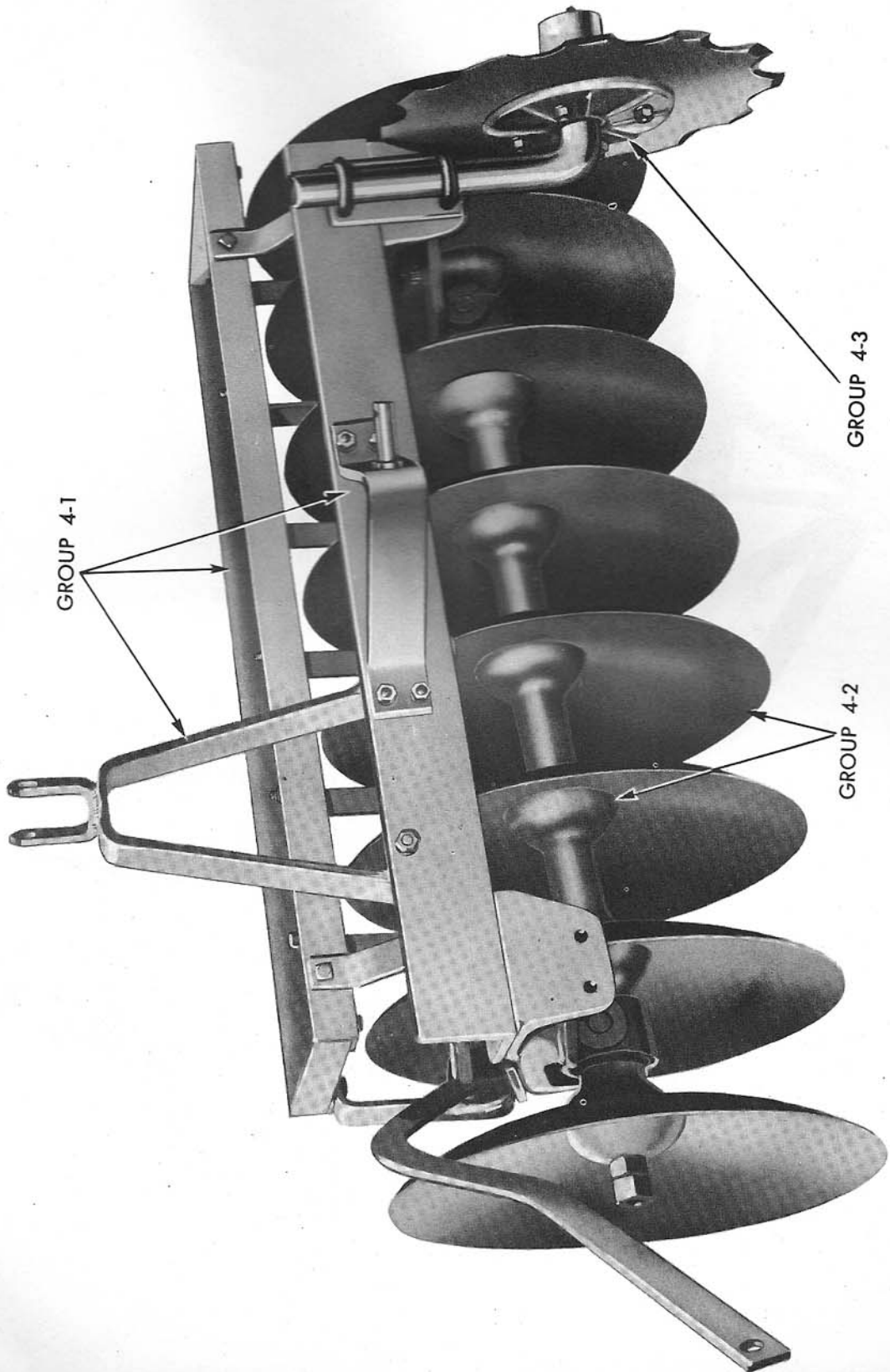


Figure 7 - Dearborn One-Way Plow



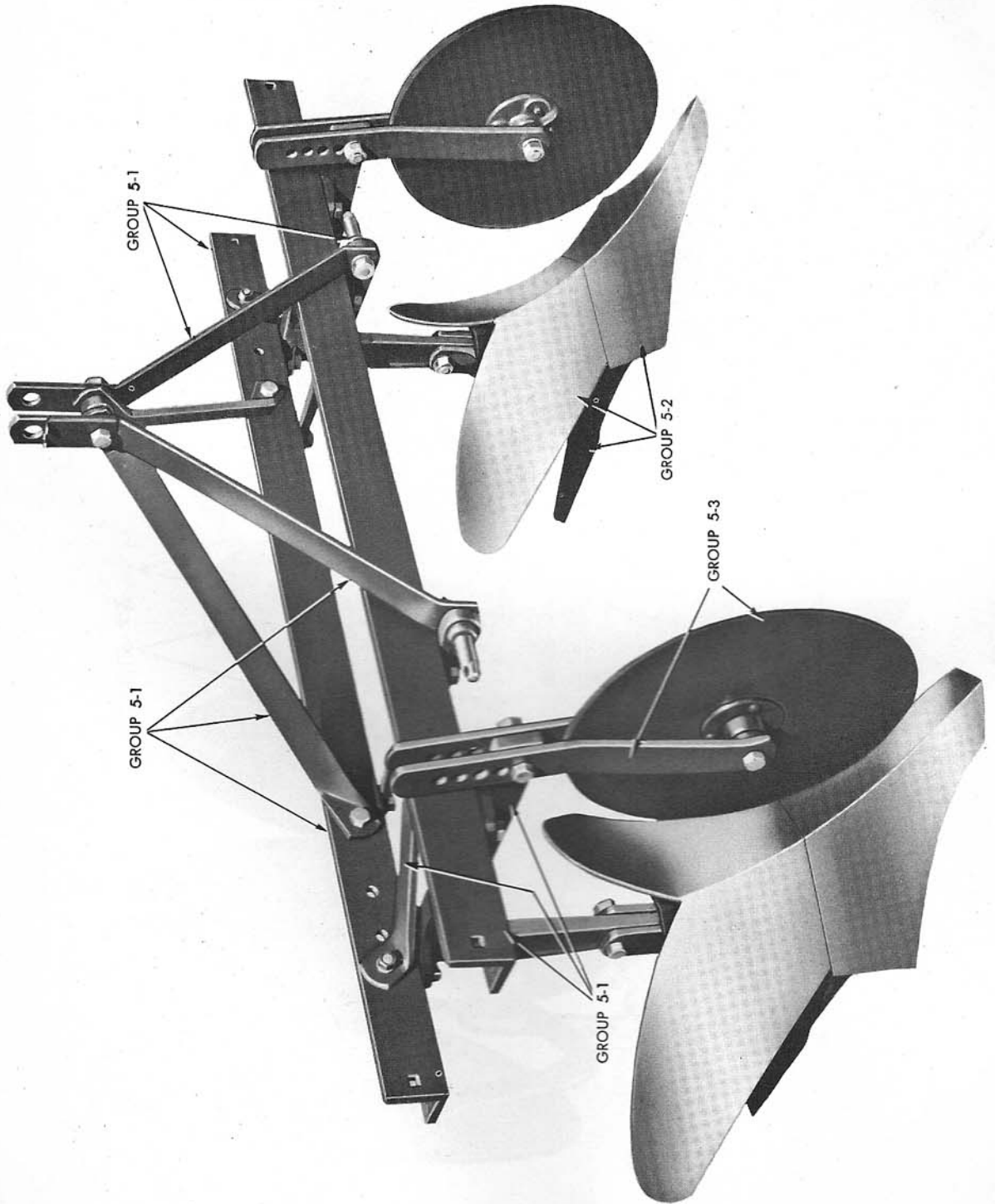


Figure 8 - Dearborn Middlebuster

## EXTRA EQUIPMENT

Not shown on Master Illustrations  
- Refer to Group Illustrations -

	GROUP NO.
Moldboard Extension . . . . .	1-2A
Weed Hook Assembly . . . . .	1-5
Third Beam Conversion Kit (For Economy Plow) . . . . .	1-6
Automatic Lockout Kit (For Two-Way Plow) . . . . .	1-7
Middlebuster Bottom Runner & Bracket Kit . . . . .	5-2
Dearborn Subsoiler . . . . .	6

# DEARBORN MOLDBOARD *Plows*

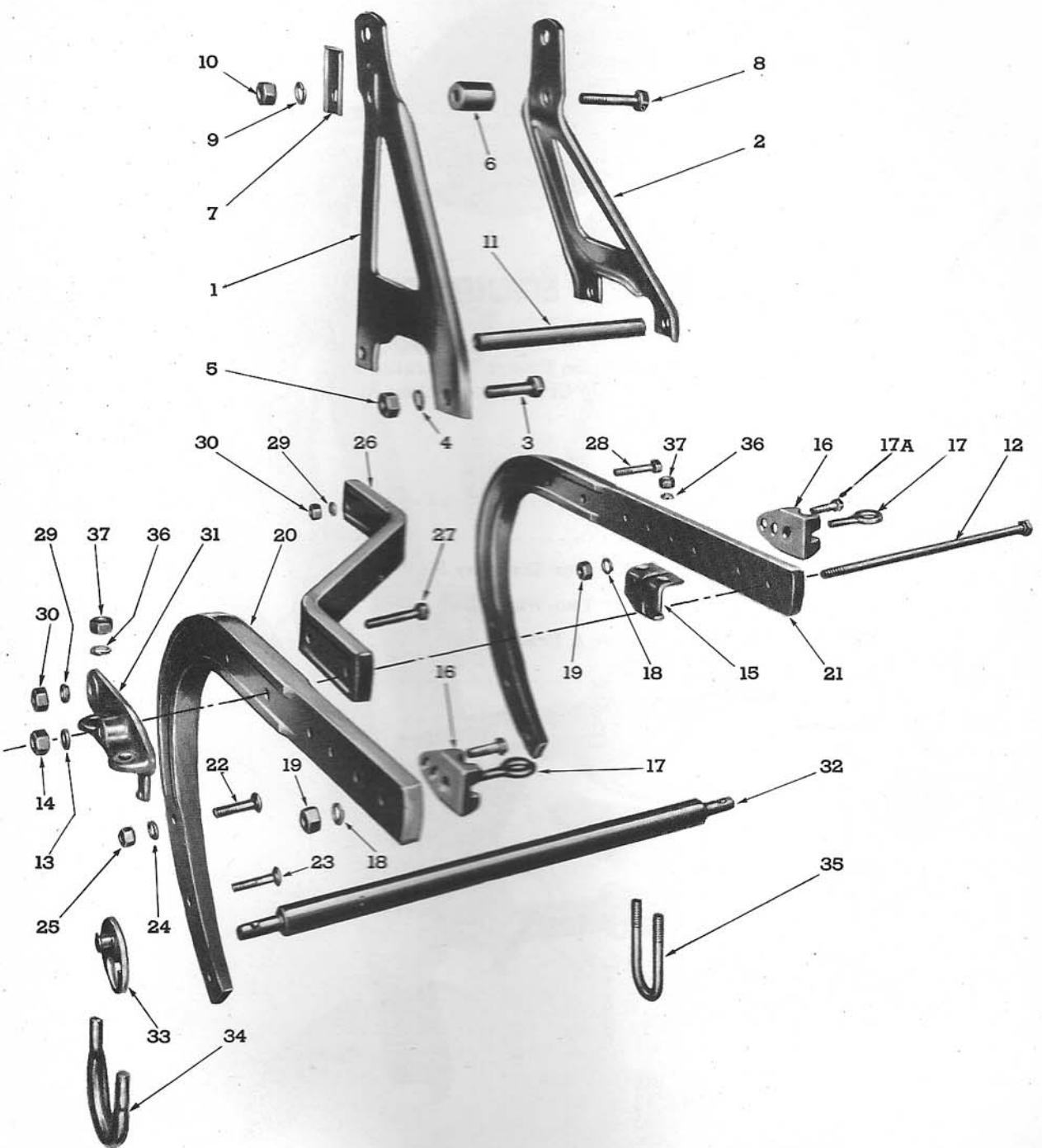


Figure 9 - Frame Assembly (Prior Model)

## Group 1—DEARBORN MOLDBOARD PLOWS

FIG. 9	PART NO.	NAME AND DESCRIPTION	QTY. REQ.		
			10"	12"	14"
<b>Group 1-1A—FRAME ASSEMBLY (Prior Model)</b>					
1	103017	BRACKET, TOP LINK, w/Bushing, 10" LH, or 14" RH . . . . .	1		1
2	103018	BRACKET, TOP LINK, w/Bushing, 14" LH . . . . .			1
-	103019	BRACKET, TOP LINK, w/Bushing, 10" RH, or 12" L & R . . . . .	1	2	
3		BOLT, 5/8" - 18 x 2-3/8" Hex. Hd. } Bracket to Beam . . . . .	2	2	2
4		LOCKWASHER, 5/8" }			
5		NUT, 5/8" - 18 Hex. }			
6	104376	SPACER, Top Link Bracket . . . . .	1	1	1
7	103029	LOCATOR, Linch Pin . . . . .	1	1	1
8		BOLT, 5/8" - 18 x 3-3/8" Hex. Hd. } Bracket to Spacer to Locator . . . . .	1	1	1
9		LOCKWASHER, 5/8" }			
10		NUT, 5/8" - 18 Hex. }			
11	103090	SPACER, Tie Rod, 10" . . . . .	1		
11	103088	SPACER, Tie Rod, 12" . . . . .		1	
11	105143	SPACER, Tie Rod, 14" . . . . .			1
12	103089	TIE ROD, Frame, 10" . . . . .	1		
12	105103	TIE ROD, Frame, 12" . . . . .		1	
12	103085	TIE ROD, Frame, 14" . . . . .			1
13		LOCKWASHER, 5/8" } Tie Rod to Beam . . . . .	1	1	1
14		NUT, 5/8" - 18 Hex. }			
15	103038	BRACKET, Cross Shaft U-Bolt . . . . .	1	1	1
16	104313	SEAT, Coultter Stem (104974 Optional) . . . . .	2	2	2
17	104306	EYE BOLT, Coultter Stem . . . . .	2	2	2
17A		BOLT, 5/8" - 18 x 2-1/4" Hex. . . . .	2	2	2
18		LOCKWASHER, 5/8" } Seat & Eyebolt to Beam . . . . .	4	4	4
19		NUT, 5/8" - 18 Hex. Case Hrd. }			
20	103030	BEAM, Short (Right Side) . . . . .	1	1	1
21	103031	BEAM, Long (Left Side) . . . . .	1	1	1
22	104475	BOLT, 5/8" - 18 x 2-5/8" Button Hd. Flat Side (Upper) } Frog to Beam . . . . .	2	2	2
23		BOLT, 5/8" - 18 x 2-1/8" Button Hd. Flat Side (Middle) }			
24		LOCKWASHER, 5/8" }			
25		NUT, 5/8" - 18 Hex. }			
26	103033	BRACE, Beam, 10" . . . . .	1		
26	103034	BRACE, Beam, 12" . . . . .		1	
26	103035	BRACE, Beam, 14" . . . . .			1
27		BOLT, 5/8" - 18 x 3-5/8" Hex. Hd. - Brace to Short Beam . . . . .	1	1	1
28		BOLT, 5/8" - 18 x 3-3/8" Hex. Hd. - Brace to Long Beam . . . . .	2	2	2
29		LOCKWASHER, 5/8" . . . . .	3	3	3
30		NUT, 5/8" - 18 Hex. . . . .	3	3	3
31	103040	BRACKET, Adjusting Disc . . . . .	1	1	1
32	103045	SHAFT, Cross. . . . .	1	1	1
33	103042	DISC, Adjusting, Cross Shaft . . . . .	1	1	1
34	103041	U-BOLT, Cross Shaft Adjusting Disc, 5/8" - 18 . . . . .	1	1	1
35	103039	U-BOLT, Cross Shaft, 5/8" - 18 . . . . .	1	1	1
36		LOCKWASHER, 5/8" } U-Bolt . . . . .	4	4	4
37		NUT, 5/8" - 18 Hex. }			

# DEARBORN MOLDBOARD *Plows*

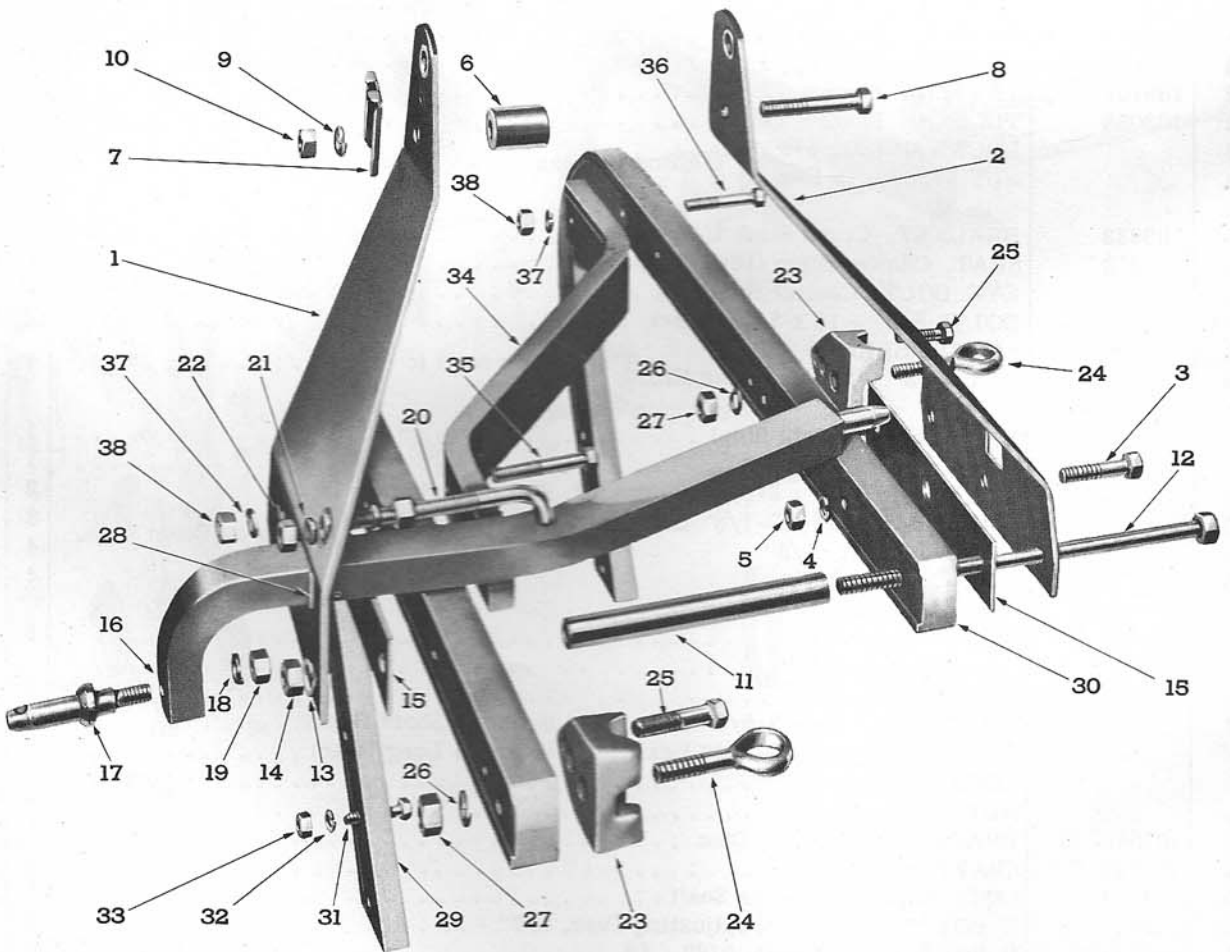
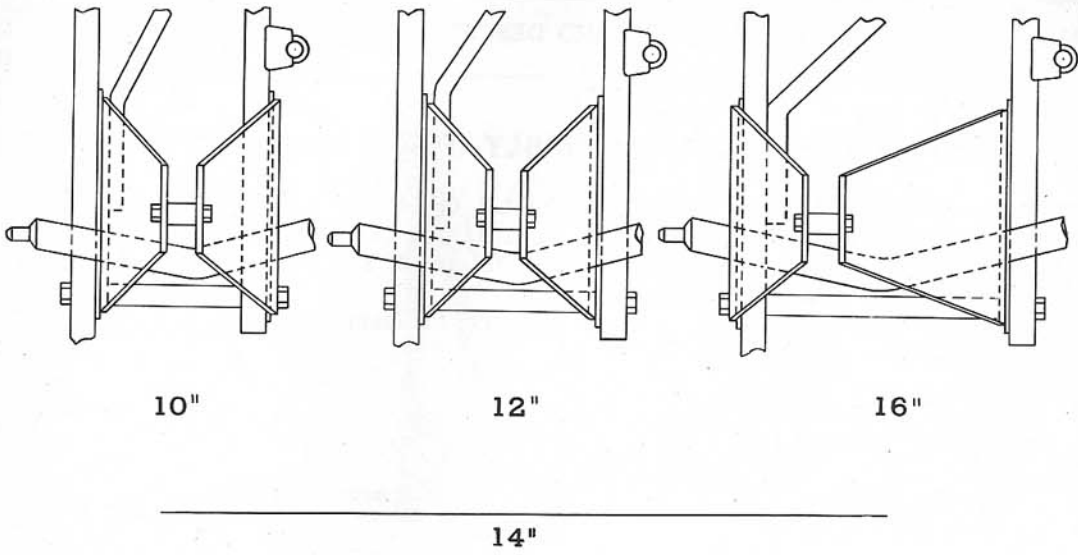


Figure 9A - Frame Assembly, Double Bottom Economy Plow

# DEARBORN MOLDBOARD *Plows*

FIG. 9A	PART NO.	NAME AND DESCRIPTION	QTY. REQ.			
			10"	12"	14"	16"
<b>Group 1-1B—FRAME ASSEMBLY, For Double Bottom Economy Plow</b>			10-179	10-180	10-181	10-182
		Models 10-179 FRAME ASSEMBLY, 10" . . . . .	1			
		10-180 FRAME ASSEMBLY, 12" . . . . .		1		
		10-181 FRAME ASSEMBLY, 14" . . . . .			1	
		10-182 FRAME ASSEMBLY, 16" . . . . .				1
1	104371	BRACKET, Top Link, w/Bushing, R.H. . . . .	1	1	1	1
2	104372	BRACKET, Top Link, w/Bushing, L.H. . . . .	1	1		
2	104373	BRACKET, Top Link, w/Bushing, L.H. . . . .			1	1
3		BOLT, 5/8" - 18 x 2-3/4" Hex. Hd. } Left Hand Bracket				
4		LOCKWASHER, 5/8" } to Shim and Beam . . . . .	2	2	2	2
5		NUT, 5/8" - 18 Hex. }				
6	104376	SPACER, Top Link Bracket. . . . .	1	1	1	1
7	103029	LOCATOR, Link Pin. . . . .	1	1	1	1
8		BOLT, 5/8" - 18 x 3-1/4" Hex Hd. } Spacer and Locator				
9		LOCKWASHER, 5/8" } to Brackets . . . . .	1	1	1	1
10		NUT, 5/8" - 18 Hex. }				
11	105144	SPACER, Tie Rod, 3/4" x 1" x 8-1/4" . . . . .	1			
11	105143	SPACER, Tie Rod, 3/4" x 1" x 10" . . . . .		1		
11	104304	SPACER, Tie Rod, 3/4" x 1" x 12-1/2" . . . . .			1	
11	105145	SPACER, Tie Rod, 3/4" x 1" x 14-1/2" . . . . .				1
12	105100	TIE ROD, Frame, 5/8" - 18 x 13" Hex. Hd. . . . .	1			
12	105102	TIE ROD, Frame, 5/8" - 18 x 14-1/2" Hex. Hd. . . . .		1		
12	105104	TIE ROD, Frame, 5/8" - 18 x 17" Hex. Hd. . . . .			1	
12	105106	TIE ROD, Frame, 5/8" - 18 x 19" Hex. Hd. . . . .				1
13		LOCKWASHER, 5/8" } Tie Rods to Beams . . . . .	1	1	1	1
14		NUT, 5/8" - 18 Hex. }				
15	*	SHIM . . . . .				
16	104375	SHAFT, Cross, w/Pin (Pin at Left End Only) . . . . .	1	1	1	1
17	104383	PIN, Link. . . . .	1	1	1	1
18		LOCKWASHER, 5/8" } Pin to Shaft . . . . .	1	1	1	1
19		NUT, 5/8" - 18 Hex. }				
20	104310	ARM, Adjusting. . . . .	1	1	1	1
21		SPACER, Adjusting Arm (Replace w/5/8" Lockwasher) . . . . .	2	2	2	2
22		NUT, 5/8" - 18 Hex. - Arm and Spacers to Bracket. . . . .	2	2	2	2
23	104313	SEAT, Coulter Stem (Optional Pt. 104974) . . . . .	2	2	2	2
24	104306	EYEBOLT, Coulter Stem. . . . .	2	2	2	2
25		BOLT, 5/8" - 18 x 2-1/4" Hex. . . . .	2	2	2	2
26		LOCKWASHER, 5/8" } Seat & Eyebolt to Beam . . . . .	4	4	4	4
27		NUT, 5/8" - 18 Hex. Case Hrd. }				
28	104344	SNUBBER, Cross Shaft and Bracket . . . . .	2	2	2	2
29	104302	BEAM, Short (Right Side) . . . . .	1	1	1	1
30	104301	BEAM, Long (Left Side) . . . . .	1	1	1	1
31	104474	BOLT, 5/8" - 18 x 3" Button Hd. Flat Side } Frog to Beam . . . . .	4	4	4	4
32		LOCKWASHER, 5/8" }				
33		NUT, 5/8" - 18 Hex. }				

# DEARBORN MOLDBOARD *Plows*

FIG. 9A	PART NO.	NAME AND DESCRIPTION	QTY. REQ.			
			10"	12"	14"	16"
<b>Group 1-1B—FRAME ASSEMBLY (Cont'd)</b>			10-179	10-180	10-181	10-182
34	105091	BRACE, Beam .....	1			
34	105092	BRACE, Beam .....		1		
34	104331	BRACE, Beam .....			1	
34	104333	BRACE, Beam .....				1
35		BOLT, 5/8" - 18 x 3-3/4" Hex. Hd. - Brace to Short Beam .....	2	2	2	2
36		BOLT, 5/8" - 18 x 3-1/4" Hex. Hd. - Brace to Long Beam .....	2	2	2	2
37		LOCKWASHER, 5/8" .....	4	4	4	4
38		NUT, 5/8" - 18 Hex. ....	4	4	4	4
--	103000**	LANDSIDE ASSEMBLY, Rolling .....	1	1	1	1

NOTE: The Economy Plow shown (Figure 9A) has a 14" Frame and is assembled as illustrated. The 10", 12", and 16" Frames differ in assembly procedures, as shown on line drawing inserts.

\*The Shim, Item 15, is no longer on present production Models. Replace with Flat Washers 1/8" Thick, on previous unit if necessary.

\*\*Refer to Group 1-4 for Component Parts.

# DEARBORN MOLDBOARD *Plows*

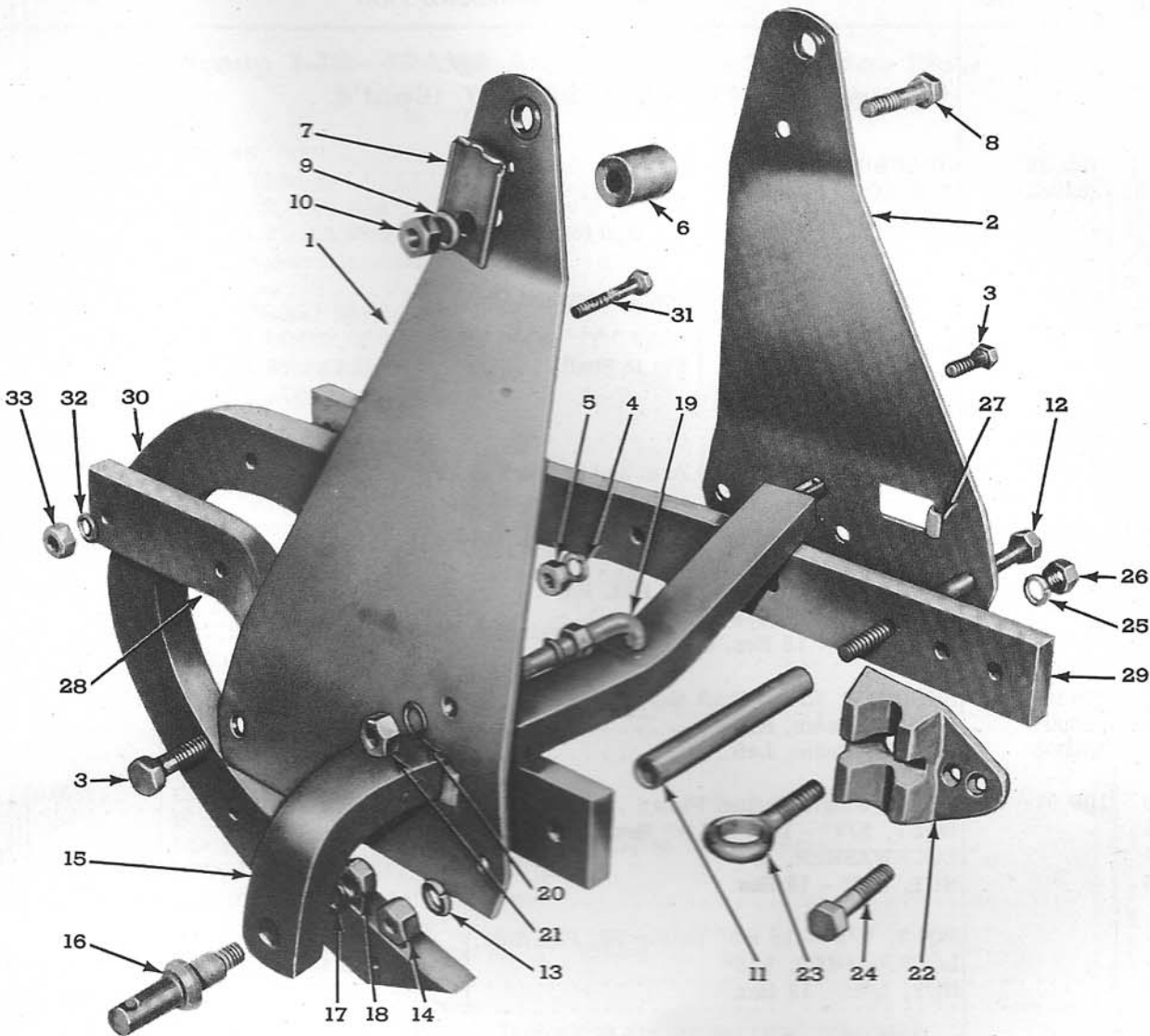


Figure 10 - Frame Assembly, Single Bottom Economy Plow

FIG. 10	PART NO.	NAME AND DESCRIPTION	QTY. REQ.
<b>Group 1-1C—FRAME ASSEMBLY, For Single Bottom Economy Plow</b>			
Model 10-187 FRAME ASSEMBLY, (For 16" or 18" Bottom)			
1	104371	BRACKET, Top Link, w/Bushing, R.H. ....	1
2	104372	BRACKET, Top Link, w/Bushing, L.H. ....	1
3		BOLT, 5/8" - 18 x 2-1/4" Hex. Hd. ....	} Brackets to Braces. ....
4		LOCKWASHER, 5/8" ....	
5		NUT, 5/8" - 18 Hex. ....	
6	104376	SPACER, Top Link Bracket. ....	1
7	103029	LOCATOR, Link Pin ....	1
8		BOLT, 5/8" - 18 x 3-3/4" Hex. Hd. ....	} Spacer and Locator to Brackets ....
9		LOCKWASHER, 5/8" ....	
10		NUT, 5/8" - 18 Hex. ....	



# DEARBORN MOLDBOARD *Plows*

FIG. 10	PART NO.	NAME AND DESCRIPTION	QTY. REQ.
<b>Group 1-1C—FRAME ASSEMBLY (Cont'd)</b>			
11	105098	SPACER, Tie Rod . . . . .	1
12	302962	TIE ROD, Frame, 5/8" - 18 x 11" . . . . .	1
13		LOCKWASHER, 5/8" } Tie Rod to Braces . . . . .	1
14		NUT, 5/8" - 18 Hex. }	
15	104375	SHAFT, Cross, w/Pin (Pin at Left End Only) . . . . .	1
16	104383	PIN, Link . . . . .	1
17		LOCKWASHER, 5/8" } Pin to Shaft . . . . .	1
18		NUT, 5/8" - 18 Hex. }	
19	104310	ARM, Adjusting . . . . .	1
20		LOCKWASHER, 5/8" } Arm and Spacers to Bracket . . . . .	2
21		NUT, 5/8" - 18 Hex. }	
22	104313	SEAT, Coultter Stem (Optional Part No. 104974). . . . .	1
23	104306	EYEBOLT, Coultter Stem . . . . .	1
24		BOLT, 5/8" - 18 x 2-3/4" Hex. Hd. . . . .	1
25		LOCKWASHER, 5/8" } Eyebolt & Bolt to Seat to Brace . . . . .	2
26		NUT, 5/8" - 18 Hex. Case Hrd. }	
27	104344	SNUBBER, Cross Shaft and Bracket . . . . .	2
28	105095	BRACE, Beam, Right . . . . .	1
29	105096	BRACE, Beam, Left . . . . .	1
30	105097	BEAM, Single Bottom Plow . . . . .	1
31		BOLT, 5/8" - 18 x 4-3/4" Hex. Hd. } Braces to Beam . . . . .	2
32		LOCKWASHER, 5/8" }	
33		NUT, 5/8" - 18 Hex. }	
--		BOLT, 5/8" - 18 x 3" Button Hd. Flat Side } Bottom Assembly to Beam . . . . .	2
--		LOCKWASHER, 5/8" }	
--		NUT, 5/8" - 18 Hex. }	
--	103000*	LANDSIDE ASSEMBLY, Rolling . . . . .	1

\*NOTE: Refer to Group 1-4 for Component Parts.

# DEARBORN MOLDBOARD *Plows*

FIG. 11	PART NO.	NAME AND DESCRIPTION	QTY. REQ.
<b>Group 1-ID—FRAME ASSEMBLY, For Two-Way Plow</b>			
Model 10-82 FRAME ASSEMBLY, 16"			
1	103907*	FRAME, "T" .....	1
2	103874	LINK, Balance .....	2
3	103903	WRENCH, Eye Bolt .....	1
4		NUT, 1/2 - 13 Wing - Wrench to "T" Frame .....	1
5	103897	ARM, Automatic, Changing .....	2
6	103880	PIN, Link .....	2
7	103311	TAB, Coulter Spring	} Link Pin to "T" Frame .....
8		LOCKWASHER, 5/8"	
9		NUT, 5/8" - 18 Hex.	
10	103310	SPRING, Coulter .....	2
11	103883	ARM, Locking, R.H. ....	1
--	103884	ARM, Locking, L.H. ....	1
12	103900	SPACER, Locking Arm and Beam .....	4
13	103885	LINK, Locking Arm .....	2
14		BOLT, 5/8" - 18 x 2-1/4" Hex. Hd. ....	} Link to Arm and Link to Beam .....
15		LOCKWASHER, 5/8"	
16		NUT, 5/8" - 18 Hex.	
17	103899	SPRING, Automatic Latch .....	2
18	103898	LATCH, Automatic .....	2
19		BOLT, 7/16" - 20 x 3-1/4" Hex. Hd. ....	} Latch to Arm .....
20		LOCKWASHER, 7/16"	
21		NUT, 7/16" - 20 Hex.	
22	103887	CAP, Ball Stud .....	2
23		BOLT, 7/16" - 20 x 1-1/4" Hex. Hd. ....	} Cap to Locking Arm .....
24		LOCKWASHER, 7/16"	
25		NUT, 7/16" - 20 Hex.	
--	103905**	BUSHING, Ball Stud "T" Frame .....	2
26	103906**	STUD, Ball .....	2
27		NUT, 3/4" - 16 Hex. - Stud to "T" Frame .....	2
30	103894	CABLE, Wire .....	1
31	103895	CLAMP ASSEMBLY, Cable .....	2
		Consists of Bracket and U-Bolt which are not serviced separately plus Nut listed below:	
32		NUT, 1/4" - 20 Hex. ....	4
33	103889	BRACKET, Beam Sheave Pulley .....	2
34	103890	SPACER, Sheave .....	2
35	103891	SHEAVE, Beam .....	2
36		BOLT, 5/8" - 18 x 3-15/16" Hex. Hd. ....	} Bracket and Sheave to Beam .....
37		LOCKWASHER, 5/8"	
38		NUT, 5/8" - 18 Hex.	
39	103892	BRACKET, "T" Frame Sheave Pulley .....	2
40		BOLT, 1/2" - 20 x 2-1/4" Hex. Drld. End	} Pulley Brkt. to "T" Frame .....
41		NUT, 1/2" - 20 Hex. Slotted	
42		COTTER PIN, 1/8" x 1-1/2"	
43	103893	SHEAVE, "T" Frame .....	1
44		PIN, 5/8" x 2-1/4" Button Hd. Drld. End	} Sheave to Pulley Brkt. ....
45	111057	PIN, Spring	

# DEARBORN MOLDBOARD *Plows*

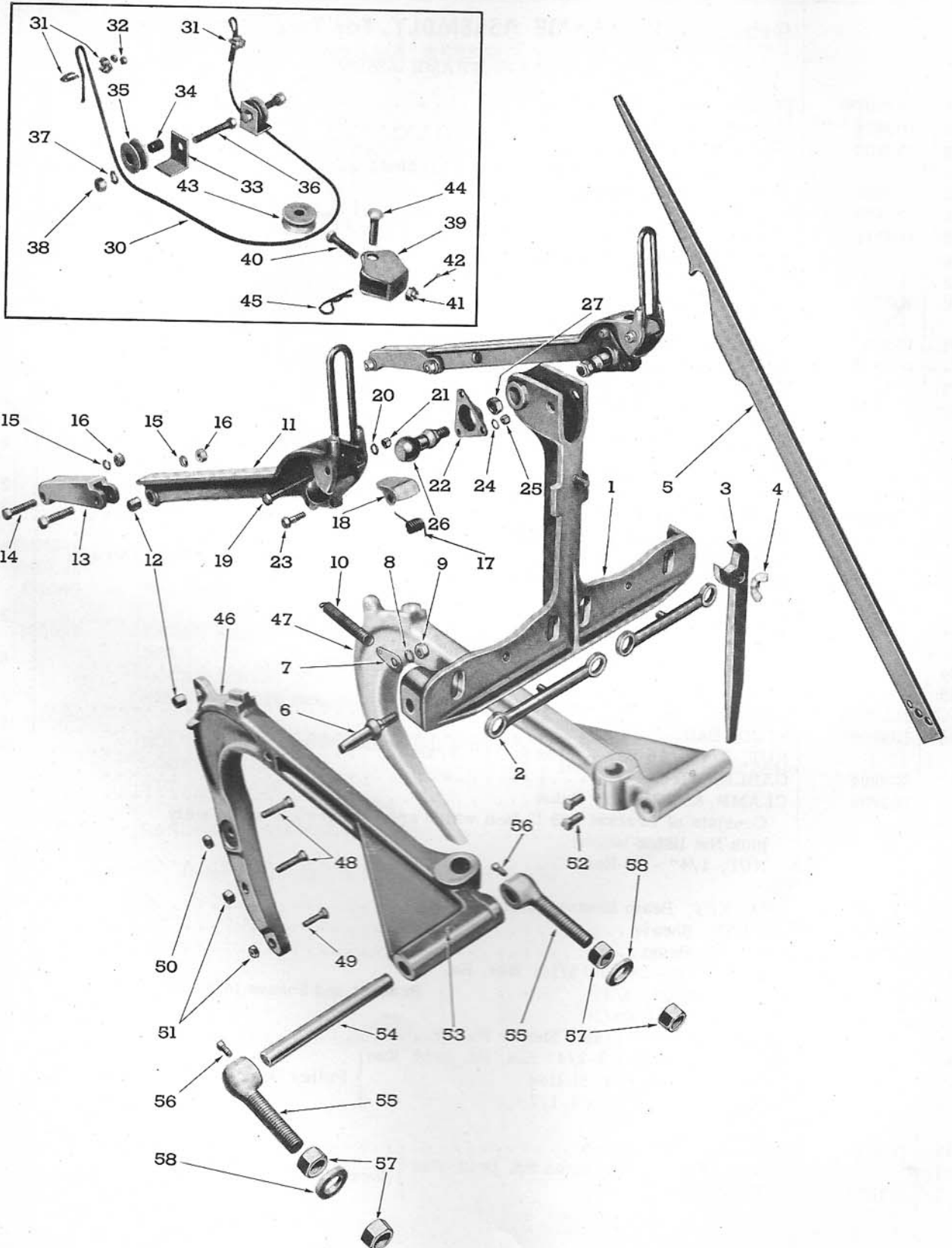


Figure 11 - Frame Assembly, Two-Way Plow

# DEARBORN MOLDBOARD *Plows*

FIG. 11	PART NO.	NAME AND DESCRIPTION	QTY. REQ.
<b>Group 1-1D—FRAME ASSEMBLY (Cont'd)</b>			
46	104260	BEAM, Two-Way Plow, R.H. ....	1
47	104261	BEAM, Two-Way Plow, L.H. ....	1
48		BOLT, 5/8" - 18 x 2-1/2" Button Hd. Flat Side (Top and Middle) } Bottom	4
49		BOLT, 5/8" - 18 x 2-5/16" Flat Hd. Sq. Nk. (Lower) } to	2
50		NUT, 5/8" - 18 Hex. Jam (Top) } Beam.....	2
51		NUT, 5/8" - 18 Hex. (Middle and Lower)	4
52		SET SCREW, 5/8" - 11 x 1" Sq. Hd. - Adjusting Coulter to Beam. ....	4
53		FITTING, Lube, 1/8" - 27 x 3/4" Str. ....	2
54	103875	SHAFT, Beam. ....	2
55	104262	EYE BOLT. ....	4
--	103878	EYE BOLT, R.H. (Used prior to Serial No. 4555) ....	2
--	103879	EYE BOLT, L.H. (Used prior to Serial No. 4555) ....	2
56		SET SCREW, 7/16" - 14 x 1" Sq. Hd. - Eye Bolt to Shaft ....	4
57		NUT, 1" - 14 Hex. } Eye Bolt to "T" Frame ....	8
58	103312	WASHER, 1-1/16" I.D., Flat }	
<p>NOTE: *New style "T" Frame, Part No. 103907, effective on Serial No. 6252. If replacement is made on units prior to this serial number, it will be necessary to install the new style Ball Studs, Part No. 103906.</p> <p>**New style Ball Studs, Part No. 103906, effective on Serial No. 6252. If replacement is made on units prior to this serial number and the above change has not been made, it will be necessary to weld an additional Bushing, Part No. 103905, to the old style "T" Frame. For additional information refer to Service Bulletin No. 76.</p>			

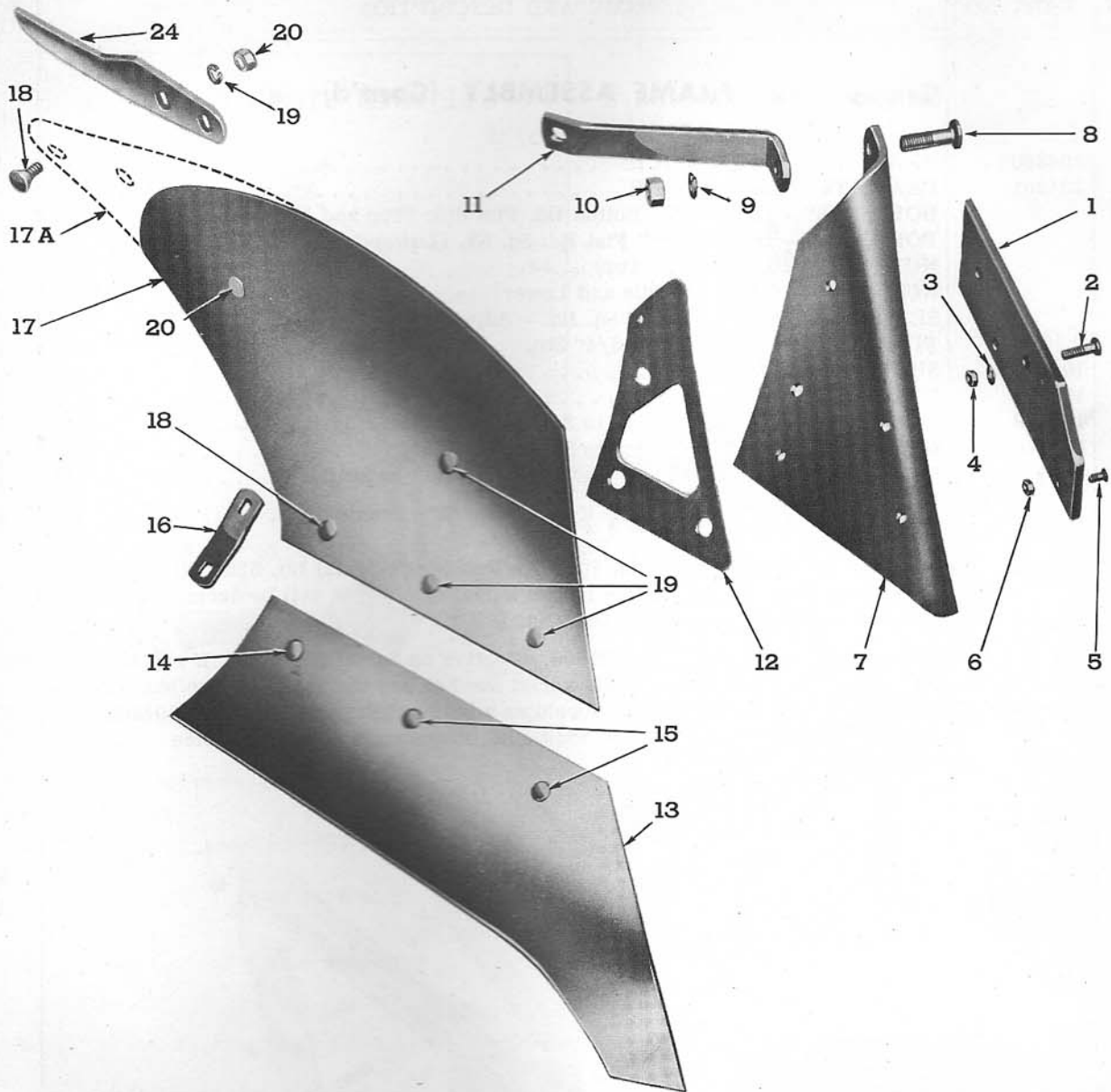


Figure 12 - General Purpose and Stubble Bottom

FIG. 12	PART NO.	NAME AND DESCRIPTION	QTY. REQ.	
		<b>Group 1-2A—GENERAL PURPOSE AND STUBBLE BOTTOM (For 14" Frame)</b>		
		Models *10-36 BOTTOM ASSEMBLY, Front (General Purpose) *10-37 BOTTOM ASSEMBLY, Rear (General Purpose) *10-170 BOTTOM ASSEMBLY, Front (Stubble) *10-171 BOTTOM ASSEMBLY, Rear (Stubble)	10-36, 37	10-170, 171
-	101600	LANDSIDE, Front Bottom (Short) .....	1	1
1	104996	LANDSIDE, Rear Bottom (Long) .....	1	1
2		BOLT, 5/8" - 18 x 3-1/4" Flat Hd. Sq. Nk. }	} Landside to Frog .....	2
3		LOCKWASHER, 5/8"		
4		NUT, 5/8" - 18 Hex.		
5		BOLT, 7/16" - 20 x 1-1/4" Flat Hd. Sq. Nk.		
6		NUT, 7/16" - 20 Hex.		

# DEARBORN MOLDBOARD *Plows*

FIG. 12	PART NO.	NAME AND DESCRIPTION	QTY. REQ.	
<b>Group 1-2A—GENERAL PURPOSE AND STUBBLE BOTTOM (Cont'd)</b>			10-36, 37	10-170, 171
7	101650	FROG. ....	2	2
8		BOLT, Button Hd. Flat Side	}	
9		LOCKWASHER, 5/8"		
10		NUT, 5/8" - 18 Hex.		
} Frog to Beam to Brace (Refer to Plow Frame) . . . . .				
11	104993	BRACE, Moldboard to Beam . . . . .	2	2
12	101850	SHIM, Moldboard, Thickness .0359 . . . . .	2	2
13	**	SHARE ASSEMBLY . . . . .	2	2
Consists of Share which is not serviced separately plus items listed below:				
14		BOLT, 7/16" - 20 x 1-1/4" Flat Hd. Sq. Nk.	}	
--		NUT, 7/16" - 20 Hex.		
} Share to Attaching Plate . . . . .			2	2
15		BOLT, 7/16" - 20 x 1-1/4" Flat Hd. Sq. Nk.	}	
--		NUT, 7/16" - 20 Hex.		
} Share to Frog . . . . .			4	4
16	101800	PLATE, Attaching Moldboard to Share. . . . .	2	2
17	101553	MOLDBOARD ASSEMBLY, Stubble Bottom. . . . .	2	2
17A	101550	MOLDBOARD ASSEMBLY, General Purpose Bottom . . . . .	2	
Consists of Moldboard which is not serviced separately plus items listed below:				
18		BOLT, 7/16" - 20 x 1-1/4" Flat Hd. Sq. Nk.	}	
19		WASHER, 1/2" Flat		
20		NUT, 7/16" - 20 Hex.		
} Moldboard to Extension . . . . .			4	
21		BOLT, 7/16" - 20 x 1-1/4" Flat Hd. Sq. Nk.	}	
--		NUT, 7/16" - 20 Hex.		
} Moldboard to Plate. . . . .			2	2
22		BOLT, 7/16" - 20 x 1-1/4" Flat Hd. Sq. Nk.	}	
--		NUT, 7/16" - 20 Hex.		
} Moldboard to Frog. . . . .			6	6
23		BOLT, 7/16" - 20 x 1-1/4" Flat Hd. Sq. Nk.	}	
--		WASHER, 1/2" Flat		
--		NUT, 7/16" - 20 Hex.		
} Moldboard to Brace . . . . .			2	2
24	103911	EXTENSION, Moldboard (Extra Equipment not included with Bottom Assembly) .	2	
NOTE: *Front and Rear Bottoms are identical except the Front Bottom has a Shorter Landside.				
**Standard and Additional Service Shares to be found on Share Reference List.				

# DEARBORN MOLDBOARD *Plows*

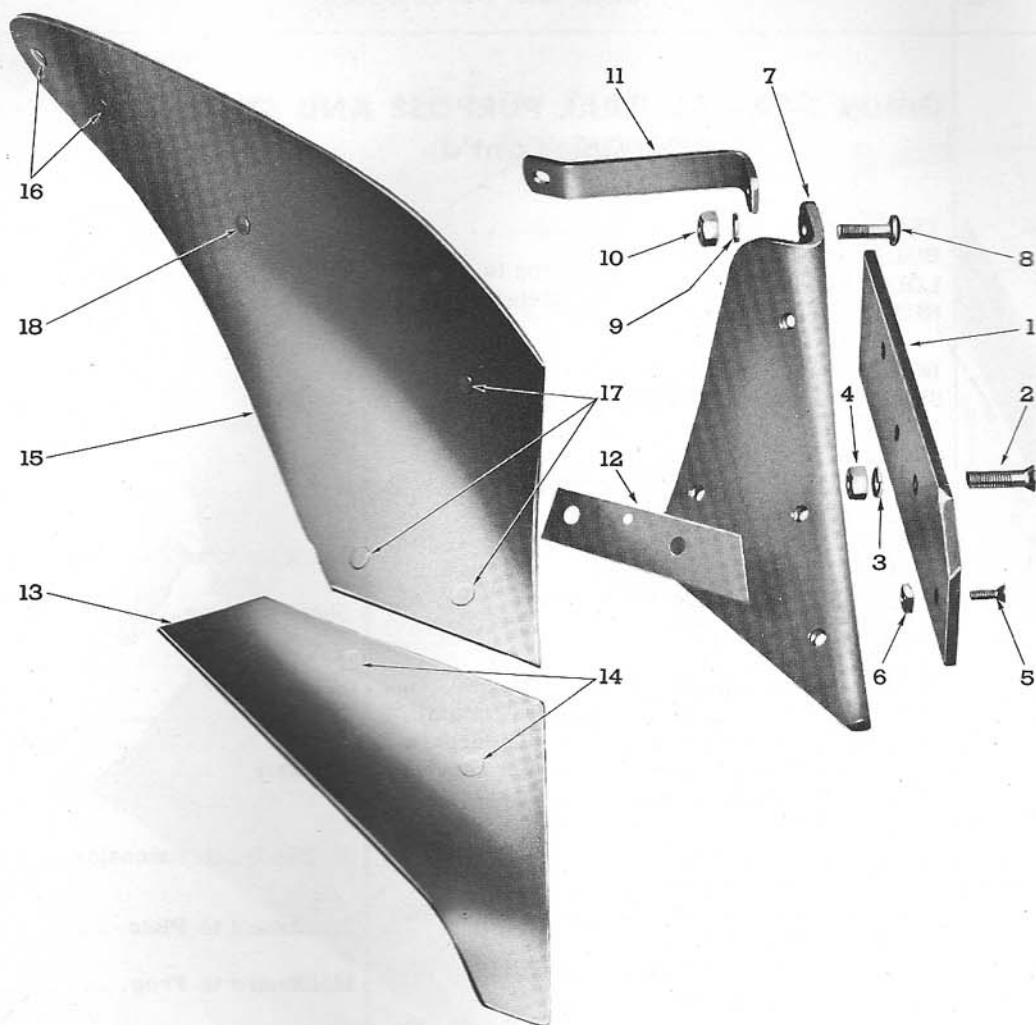


Figure 13 - Sod or Clay Bottom

FIG. 13	PART NO.	NAME AND DESCRIPTION	QTY. REQ.
<b>Group 1-2B—SOD OR CLAY BOTTOM (For 12" Frame)</b>			
Models *10-41 BOTTOM ASSEMBLY, Front *10-42 BOTTOM ASSEMBLY, Rear			
-	101634	LANDSIDE, Front Bottom (Short) . . . . .	1
1	104995	LANDSIDE, Rear Bottom (Long) . . . . .	1
2		BOLT, 5/8" - 18 x 3-1/4" Flat Hd. Sq. Nk.	} Landside to Frog . . . . . 2
3		LOCKWASHER, 5/8"	
4		NUT, 5/8" - 18 Hex.	
5		BOLT, 7/16" - 20 x 1-1/4" Flat Hd. Sq. Nk.	
6		NUT, 7/16" - 20 Hex.	
7	101667	FROG . . . . .	
8		BOLT, Button Hd. Flat Side	} Frog to Beam to Brace . . . . . (Refer to Plow Frame)
9		LOCKWASHER, 5/8"	
10		NUT, 5/8" - 18 Hex.	

# DEARBORN MOLDBOARD *Plows*

FIG. 13	PART NO.	NAME AND DESCRIPTION	QTY. REQ.
<b>Group 1-2B—SOD OR CLAY BOTTOM (Cont'd)</b>			
11	104992	BRACE, Moldboard to Beam . . . . .	2
12	101867	SHIM, Moldboard, Thickness .0359 . . . . .	2
13	**	SHARE ASSEMBLY. . . . . Consists of Share which is not serviced separately plus items listed below:	2
14		BOLT, 7/16" - 20 x 1-1/4" Flat Hd. Sq. Nk. } Share to Frog . . . . .	4
--		NUT, 7/16" - 20 Hex. }	
15	101567	MOLDBOARD ASSEMBLY, Sod or Clay Bottom. . . . . Consists of Moldboard which is not serviced separately plus items listed below:	2
16		BOLT, 7/16" - 20 x 1-1/4" Flat Hd. Sq. Nk. } Moldboard Extension. . . . .	4
--		WASHER, 1/2" Flat }	
--		NUT, 7/16" - 20 Hex. }	
17		BOLT, 7/16" - 20 x 1-1/4" Flat Hd. Sq. Nk. } Moldboard to Frog . . . . .	6
--		NUT, 7/16" - 20 Hex. }	
18		BOLT, 7/16" - 20 x 1-1/4" Flat Hd. Sq. Nk. } Moldboard to Brace . . . . .	2
--		WASHER, 1/2" Flat }	
--		NUT, 7/16" - 20 Hex. }	
<p>NOTE: The Moldboard Extension shown on Figure 12 can also be used on the Sod or Clay Bottom.</p> <p>*Front and Rear Bottoms are identical except the Front Bottom has a Shorter Landside.</p> <p>**Standard and Additional Service Shares to be found on Share Reference List.</p>			



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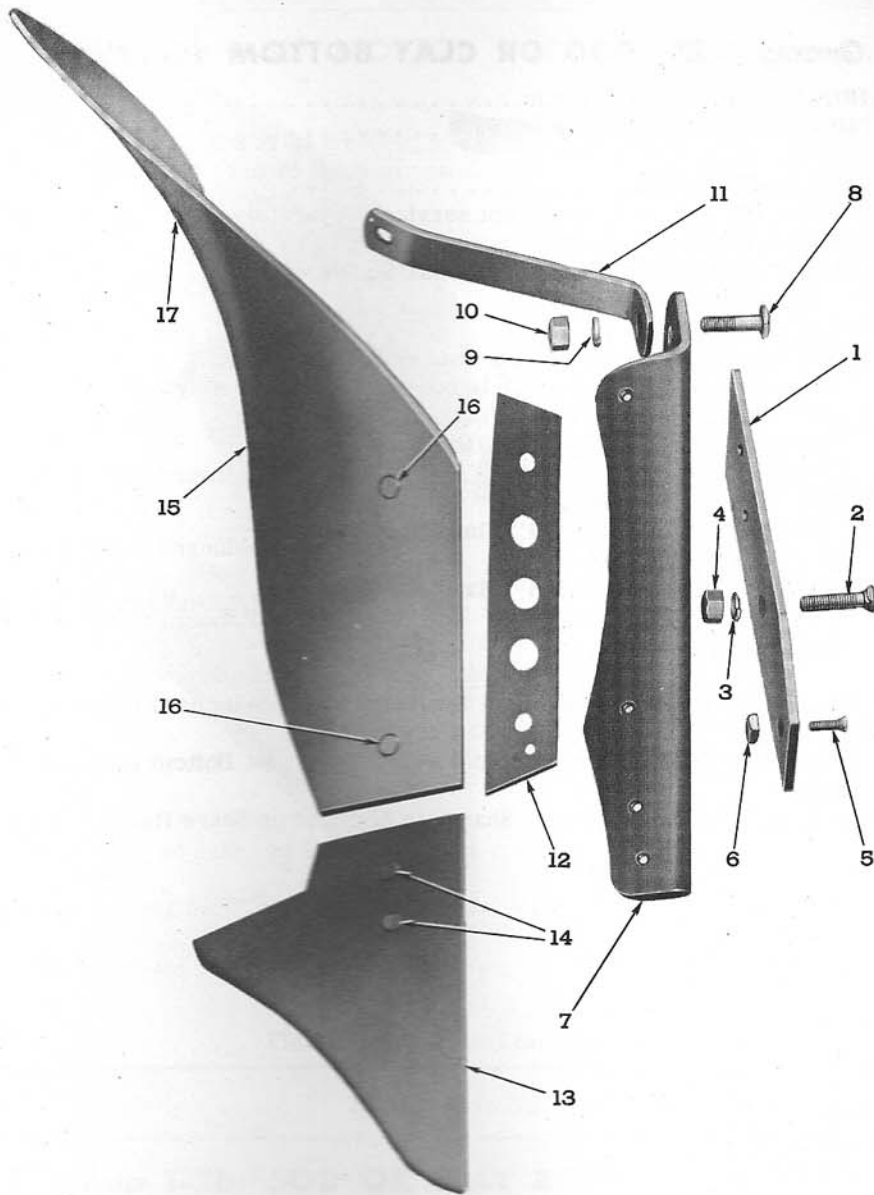


Figure 14 - Scotch Bottom

FIG. 14	PART NO.	NAME AND DESCRIPTION	QTY. REQ.
		<b>Group 1-2C—SCOTCH BOTTOM (For 10" Frame)</b>	
		Models *10-162 BOTTOM ASSEMBLY, Front *10-163 BOTTOM ASSEMBLY, Rear	
-	101638	LANDSIDE, Front Bottom (Short) .....	1
1	104994	LANDSIDE, Rear Bottom (Long) .....	1
2		BOLT, 5/8" - 18 x 3-1/4" Flat Hd. Sq. Nk.	} Landside to Frog .....
3		LOCKWASHER, 5/8"	
4		NUT, 5/8" - 18 Hex.	
5		BOLT, 7/16" - 20 x 1-1/4" Flat Hd. Sq. Nk.	
6		NUT, 7/16" - 20 Hex.	

# DEARBORN MOLDBOARD *Plows*

FIG. 14	PART NO.	NAME AND DESCRIPTION	QTY. REQ.
<b>Group 1-2C—SCOTCH BOTTOM (Cont'd)</b>			
7	101669	FROG. ....	2
8		BOLT, Button Hd. Flat Side } Frog to Beam to Brace	
9		LOCKWASHER, 5/8" } (Refer to Plow Frame) ....	
10		NUT, 5/8" - 18 Hex. }	
11	104991	BRACE, Moldboard to Beam ....	2
12	101869	SHIM, Moldboard, Thickness .0359 ....	2
13	**	SHARE ASSEMBLY ....	2
Consists of Share which is not serviced separately			
plus items listed below:			
14		BOLT, 7/16" - 20 x 1-1/4" Flat Hd. Sq. Nk. } Share to Frog. ....	6
--		NUT, 7/16" - 20 Hex. }	
15	101569	MOLDBOARD ASSEMBLY, Scotch Bottom ....	2
Consists of Moldboard which is not serviced separately			
plus items listed below:			
16		BOLT, 7/16" - 20 x 1-1/4" Flat Hd. Sq. Nk. } Moldboard to Frog ....	4
--		NUT, 7/16" - 20 Hex. }	
17		BOLT, 7/16" - 20 x 1-1/4" Flat Hd. Sq. Nk. } Moldboard to Brace ....	2
--		WASHER, 7/16" Flat }	
--		NUT, 7/16" - 20 Hex. }	
--		BOLT, 7/16" - 20 x 1-1/4" Flat Hd. Sq. Nk. } Moldboard Extension. ....	4
--		WASHER, 1/2" Flat }	
--		NUT, 7/16" - 20 Hex. }	
<p>NOTE: The Moldboard extension shown on Figure 12 can also be used on the Scotch Bottom.</p> <p>*Front and Rear Bottoms are identical except the Front Bottom has a shorter Landside.</p> <p>**Standard and Additional Service Shares to be found on Share Reference List.</p>			

# DEARBORN MOLDBOARD *Plows*

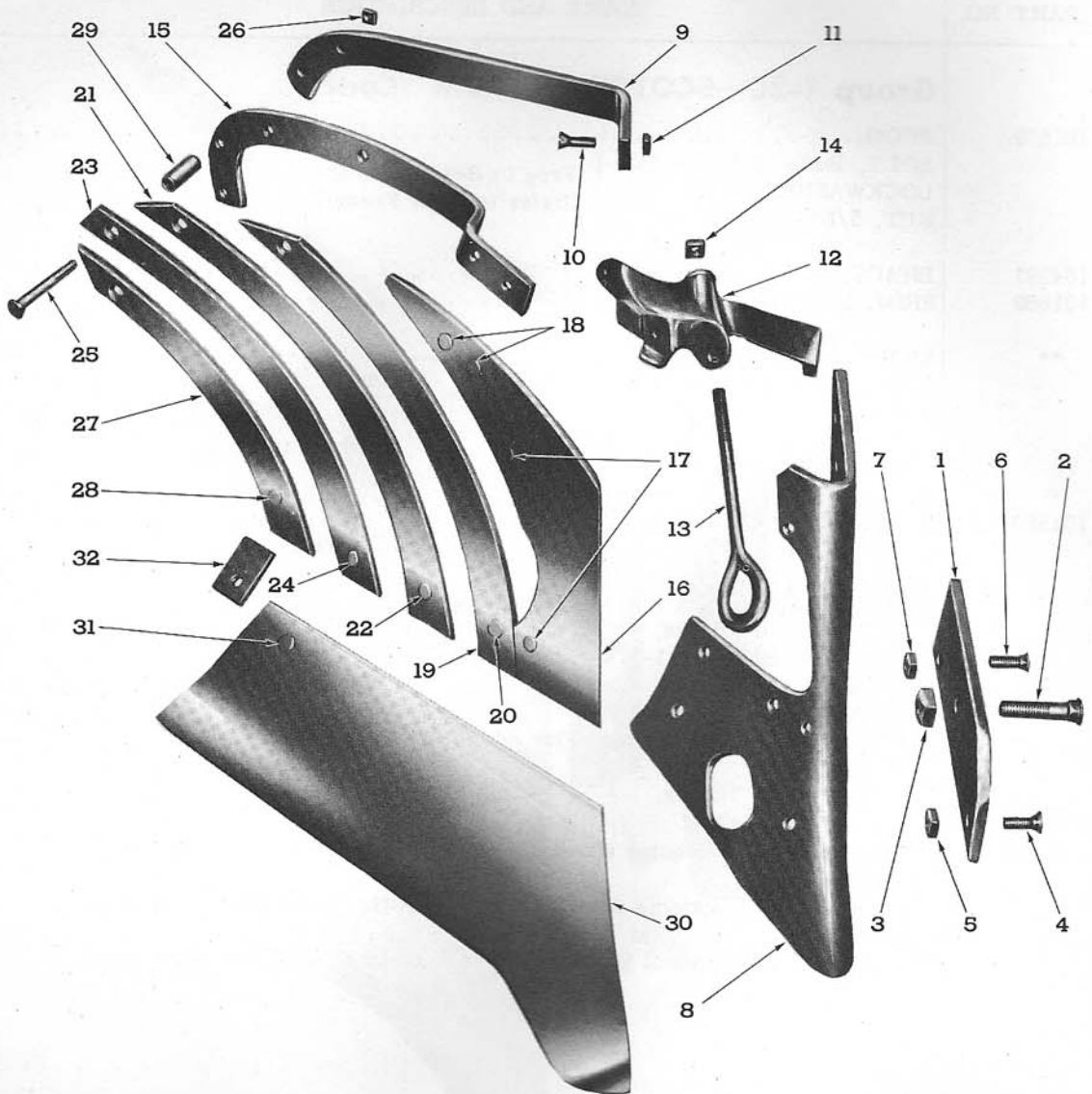


Figure 15 - Slat Bottom

FIG. 15	PART NO.	NAME AND DESCRIPTION	QTY. REQ.	
			14"	12"
		<b>Group 1-2D—SLAT BOTTOMS (For 12" and 14" Frames)</b>		
		Models *10-18 BOTTOM ASSEMBLY, 14" Front. . . . .	1	
		*10-19 BOTTOM ASSEMBLY, 14" Rear . . . . .	1	
		*10-20 BOTTOM ASSEMBLY, 12" Front . . . . .		1
		*10-21 BOTTOM ASSEMBLY, 12" Rear . . . . .		1
1	104197	LANDSIDE ASSEMBLY, Front Bottom (Short). . . . .	1	1
-	104198	LANDSIDE ASSEMBLY, Rear Bottom (Long) . . . . .	1	1
		Consists of Landside which is not serviced separately plus items listed below:		
2		BOLT, 5/8" - 18 x 3-1/4" Flat Hd. Sq. Nk. } Landside to Frog to Beam . . . . .	2	2
3		NUT, 5/8" - 18 Sq. } . . . . .		
4		BOLT, 7/16" - 20 x 1-1/4" Flat Hd. Sq. Nk. } Landside to Frog . . . . .	2	2
5		NUT, 7/16" - 20 Sq. } . . . . .		
6		BOLT, 7/16" - 20 x 1-1/2" Flat Hd. Sq. Nk. } Landside to Brace . . . . .	2	2
7		NUT, 7/16" - 20 Sq. } . . . . .		

# DEARBORN MOLDBOARD *Plows*

FIG. 15	PART NO.	NAME AND DESCRIPTION	QTY. REQ.	
			14"	12"
		<b>Group 1-2D—SLAT BOTTOMS (Cont'd)</b>		
8	101656	FROG .....	2	2
9	101593	BRACE, Moldboard .....	2	2
10		BOLT, 7/16" - 20 x 1-1/2" Flat Hd. Sq. Nk. } Moldboard Brace to Frog.....	2	2
11		NUT, 7/16" - 20 Sq. }		
12	101592	BRACE, Quick Detachable.....	2	2
13	101591	EYE BOLT and NUT ASSEMBLY, 1/2" - 13 .....	2	2
		Consists of Eye Bolt which is not serviced separately plus Nut listed below:		
14		NUT, 1/2" - 13 Sq. ....	2	2
15	101595	SUPPORT, Slat .....	2	2
16	104192	MOLDBOARD SLAT ASSEMBLY, Top .....	2	2
		Consists of Slat which is not serviced separately plus items listed below:		
17		BOLT, 3/8" - 16 x 1-1/4" Flat Hd. Sq. Nk. } Slat to Frog .....	4	4
--		NUT, 3/8" - 16 Sq. }		
18		BOLT, 3/8" - 16 x 1-1/4" Flat Hd. Sq. Nk. } Slat to Support .....	4	4
--		NUT, 3/8" - 16 Sq. }		
19	104193	MOLDBOARD SLAT ASSEMBLY, Second .....	2	2
		Consists of Slat which is not serviced separately plus items listed below:		
20		BOLT, 3/8" - 16 x 1-1/4" Flat Hd. Sq. Nk. } Slat to Frog .....	2	2
--		NUT, 3/8" - 16 Sq. }		
--		BOLT, 3/8" - 16 x 3" Flat Hd. Sq. Nk. } Slat to Support .....	2	2
--		NUT, 3/8" - 16 Sq. }		
21	104194	MOLDBOARD SLAT ASSEMBLY, Third .....	2	2
		Consists of Slat which is not serviced separately plus items listed below:		
22		BOLT, 3/8" - 16 x 1-3/4" Flat Hd. Sq. Nk. } Slat to Frog .....	2	2
--		NUT, 3/8" - 16 Sq. }		
--		BOLT, 3/8" - 16 x 3-1/2" Flat Hd. Sq. Nk. } Slat to Support to Brace.....	2	2
--		NUT, 3/8" - 16 Sq. }		
23	104195	MOLDBOARD SLAT ASSEMBLY, Fourth .....	2	2
		Consists of Slat which is not serviced separately plus items listed below:		
24		BOLT, 3/8" - 16 x 1-1/2" Flat Hd. Sq. Nk. } Slat to Brace.....	2	2
--		NUT, 3/8" - 16 Sq. }		
25		BOLT, 3/8" - 16 x 3-1/2" Flat Hd. Sq. Nk. } Slat to Support to Brace .....	2	2
26		NUT, 3/8" - 16 Sq. }		
27	104196	MOLDBOARD SLAT ASSEMBLY, Fifth.....	2	2
		Consists of Slat which is not serviced separately plus items listed below:		
28		BOLT, 3/8" - 16 x 1-1/2" Flat Hd. Sq. Nk. } Slat to Brace.....	2	2
--		NUT, 3/8" - 16 Sq. }		
--		BOLT, 3/8" - 16 x 3-1/8" Flat Hd. Sq. Nk. } Slat to Support to Brace.....	2	2
--		NUT, 3/8" - 16 Sq. }		

# DEARBORN MOLDBOARD *Plows*

FIG. 15	PART NO.	NAME AND DESCRIPTION	QTY. REQ.	
			14"	12"
		<b>Group 1-2D—SLAT BOTTOMS (Cont'd)</b>		
29	101594	SPACER, Slats to Support . . . . .	8	8
30	**	SHARE ASSEMBLY . . . . . Consists of Share which is not serviced separately plus items listed below:	2	2
31		BOLT, 7/16" - 20 x 1-1/4" Flat Hd. Sq. Nk. } Share to Attaching Plate . . . . .	2	2
--		NUT, 7/16" - 20 Sq. }		
32	101806	PLATE, Attaching - Share to Fifth Slat . . . . .	2	2
	NOTE:	*Front and Rear Bottoms are identical except the Front Bottom has a Shorter Landside. **Standard and Additional Service Shares to be found on Share Reference List.		

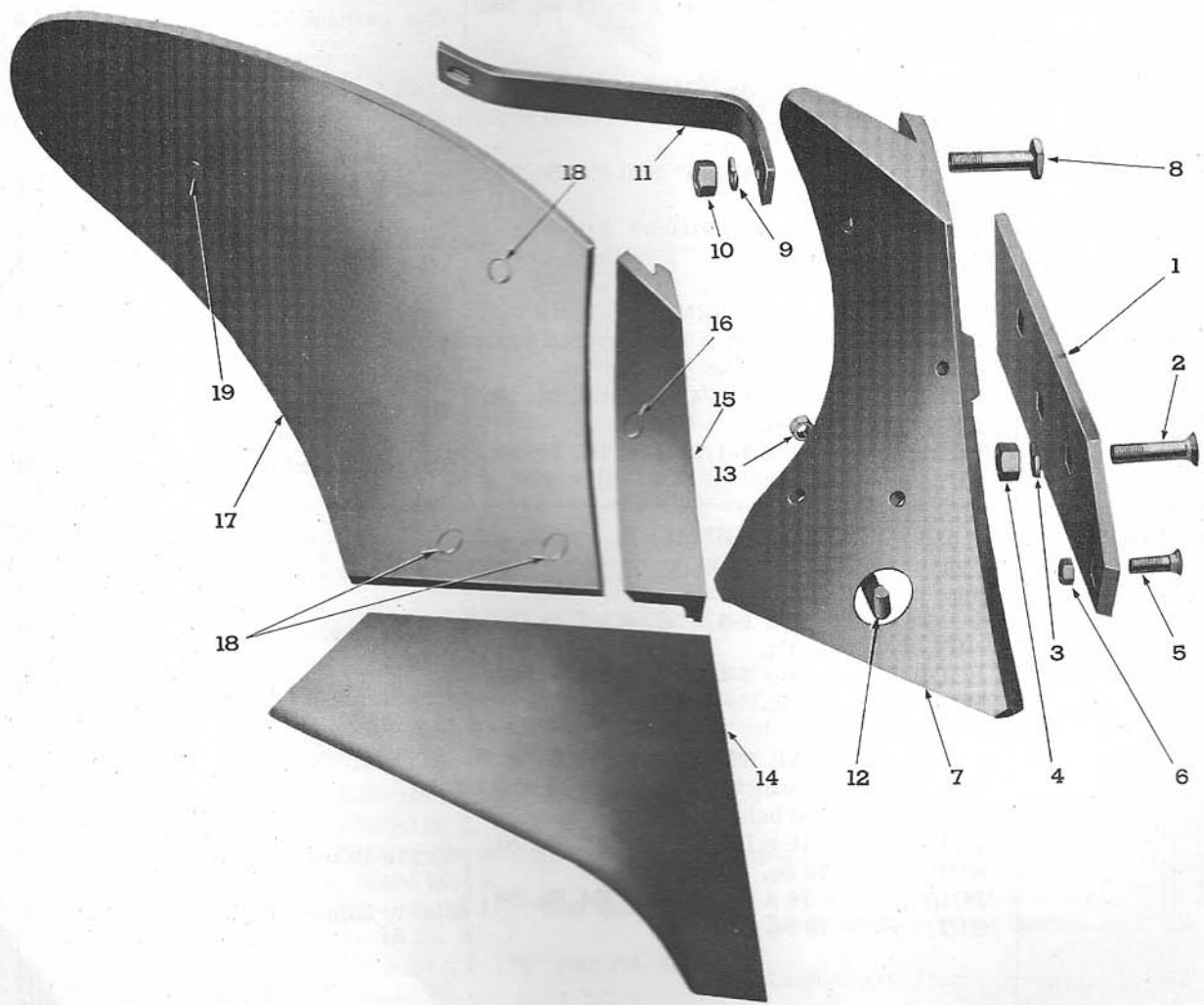


Figure 16 - Chilled Bottom

# DEARBORN MOLDBOARD *Plows*

FIG. 16	PART NO.	NAME AND DESCRIPTION	QTY. REQ.	
<b>Group 1-2E—CHILLED BOTTOMS (For 12" Frame)</b>				
Models *10-22 BOTTOM ASSEMBLY, 12", Front *10-23 BOTTOM ASSEMBLY, 12", Rear				
-	104233***	LANDSIDE, Front, Short	} For Bottom used on Prior Model Plow Frame, Fig. 9.	1
1	104234***	LANDSIDE, Rear, Long		
-	104999	LANDSIDE, Front, Short	} For Bottom used on Economy Plow Frame. . . . .	1
1	104998	LANDSIDE, Rear, Long		
2		BOLT, 5/8" - 18 x 3-1/4" Flat Hd. Sq. Nk.	} Landside to Frog . . . . .	2
3		LOCKWASHER, 5/8"		
4		NUT, 5/8" - 18 Hex.		
5		BOLT, 7/16" - 20 x 1-3/4" Flat Hd. Sq. Nk.		
6		NUT, 7/16" - 20 Hex.		
7	104997	FROG, Cast Iron . . . . .		
--	104230***	FROG, Cast Iron . . . . .		2
8		BOLT, Button Hd. Flat Side	} Frog to Beam to Brace . . . . .	2
9		LOCKWASHER, 5/8"		
10		NUT, 5/8" - 18 Hex.	} (Middle Bolt) Frog to Beam . . . . .	2
--		BOLT, 5/8" - 18 x 2-5/16" Flat Hd. Sq. Nk.		
--		LOCKWASHER, 5/8"		
--		NUT, 5/8" - 18 Hex.		
11	104990	BRACE, Moldboard . . . . .		2
--	104240***	BRACE, Moldboard . . . . .		2
12	104241	DRAW ROD, Quick Detachable Share. . . . .		2
13		NUT, 1/2" - 13 Hex. - Draw Rod . . . . .		2
14	104235**	SHARE, Chilled Iron, Regular . . . . .		2
15	104239	SHIM, Moldboard, Chilled Iron. . . . .	} Shin to Frog . . . . .	2
16		BOLT, 7/16" - 20 x 1-3/4" Flat Hd. Sq. Nk.		
--		NUT, 7/16" - 20 Hex.		
17	104231	MOLDBOARD, Chilled Iron . . . . .	} Moldboard to Frog . . . . .	6
18		BOLT, 7/16" - 20 x 1-3/4" Flat Hd. Sq. Nk.		
--		NUT, 7/16" - 20 Hex.	} Moldboard to Brace . . . . .	2
19		BOLT, 7/16" - 20 x 1-3/4" Flat Hd. Sq. Nk.		
--		NUT, 7/16" - 20 Hex.		
<p>NOTE: *Front and Rear Bottoms are identical except the Front Bottom has a Shorter Landside.</p> <p>**Standard and Additional Service Shares to be found on Share Reference List.</p> <p>***These parts are used on Bottoms that were used on a prior Model Plow Frame.</p>				

# DEARBORN MOLDBOARD *Plows*

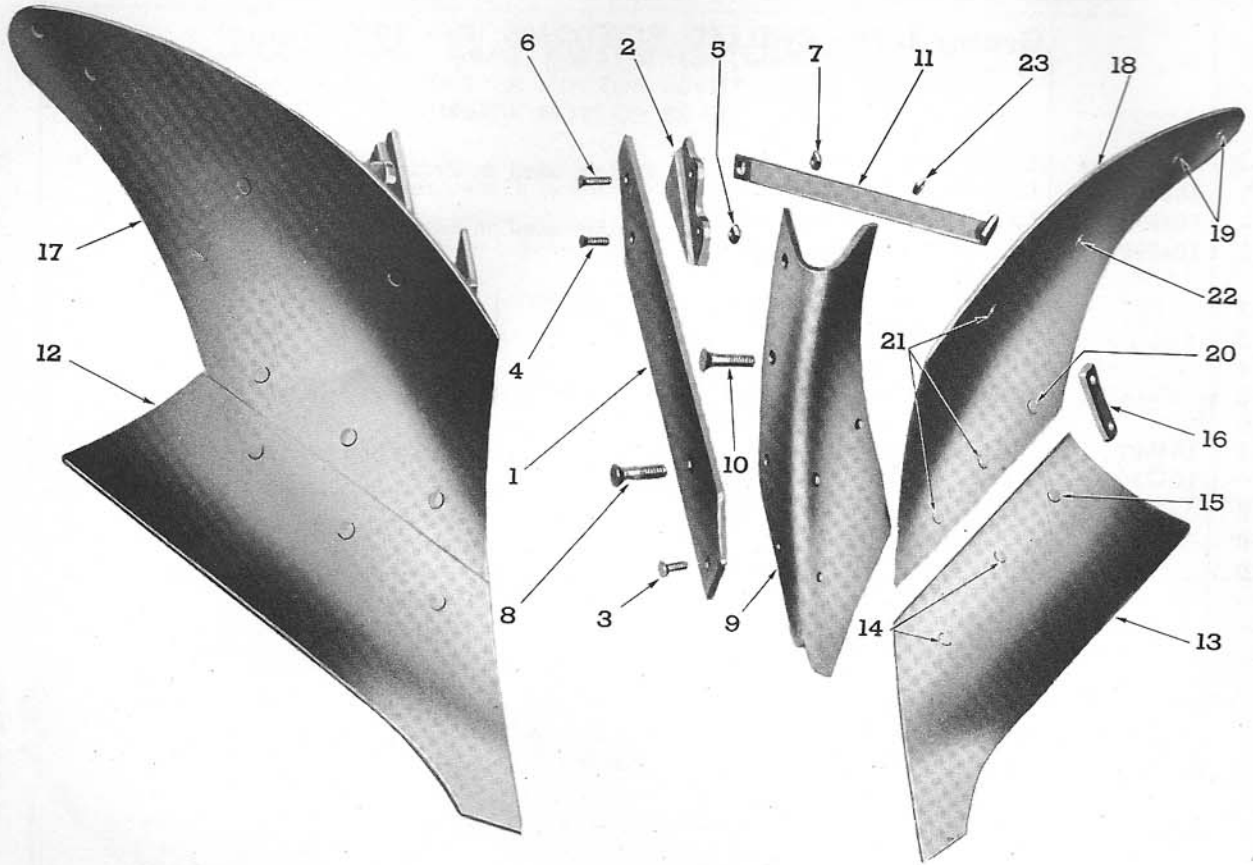


Figure 17 - General Purpose Bottom, Two-Way Plow

FIG. 17	PART NO.	NAME AND DESCRIPTION	QTY. REQ.
		<b>Group 1-2F—GENERAL PURPOSE BOTTOM, For Two-Way Plow</b>	
		Models 10-85 GENERAL PURPOSE BOTTOM ASSEMBLY, 16" R.H. (Prior Model)	
		10-86 GENERAL PURPOSE BOTTOM ASSEMBLY, 16" L.H. (Prior Model)	
-	104219	LANDSIDE ASSEMBLY, R.H. ....	1
1	104220	LANDSIDE ASSEMBLY, L.H. ....	1
		Consists of Landside which is not serviced separately plus items listed below:	
-	104225	HEEL, R.H. ....	1
2	104226	HEEL, L.H. ....	1
3		BOLT, 7/16" - 14 x 1-1/4" Flat Hd. Sq. Nk. } Landside to Frog ....	2
-		NUT, 7/16" - 14 Sq. } Landside to Heel ....	2
4		BOLT, 7/16" - 14 x 1-3/8" Flat Hd. Sq. Nk. } Landside to Heel to Brace ....	2
5		NUT, 7/16" - 14 Sq. } Landside to Frog to Beam ....	2
6		BOLT, 7/16" - 14 x 1-3/4" Flat Hd. Sq. Nk. } Landside to Frog to Beam ....	2
7		NUT, 7/16" - 14 Sq. } Landside to Frog to Beam ....	2
8		BOLT, 5/8" - 18 x 2-5/16" Flat Hd. Sq. Nk. } Landside to Frog to Beam ....	2
-		NUT, 5/8" - 18 Hex. } Landside to Frog to Beam ....	2

# DEARBORN MOLDBOARD *Plows*

FIG. 17	PART NO.	NAME AND DESCRIPTION	QTY. REQ.
<b>Group 1-2F—GENERAL PURPOSE BOTTOM, (Cont'd)</b>			
-	104228	FROG, R.H. ....	1
9	104229	FROG, L.H. ....	1
10		BOLT, 5/8" - 18 x 2-1/2" Button Hd. Flat Side (Top & Middle) ....	4
--		NUT, 5/8" - 18 Hex. - Jam (Top) ....	2
--		NUT, 5/8" - 18 Hex. (Middle) ....	2
11	104216	BRACE, Moldboard to Landside, R.H. ....	1
11	104217	BRACE, Moldboard to Landside, L.H. ....	1
12	104210	SHARE ASSEMBLY, Alfalfa, R.H. ....	1
13	104212	SHARE ASSEMBLY, Alfalfa, L.H. .... Consists of Share which is not serviced separately plus items listed below:	1
14		BOLT, 7/16" - 14 x 1-1/8" Flat Hd. Sq. Nk. } Share to Frog ....	2
--		NUT, 7/16" - 14 Sq. }	
15		BOLT, 7/16" - 14 x 1-1/8" Flat Hd. Sq. Nk. } Share to Attaching Plate ....	2
--		NUT, 7/16" - 14 Sq. }	
16	104227	PLATE, Attaching ....	2
17	101582	MOLDBOARD ASSEMBLY, Two Way Plow Bottom, R.H. ....	1
18	101583	MOLDBOARD ASSEMBLY, Two Way Plow Bottom, L.H. .... Consists of Moldboard which is not serviced separately plus items listed below:	1
19		BOLT, 7/16" - 14 x 1-1/8" Flat Hd. Sq. Nk. } Moldboard to Extension ....	4
--		NUT, 7/16" - 14 Sq. }	
--		WASHER, 7/16" Flat }	
20		BOLT, 7/16" - 14 x 1-1/8" Flat Hd. Sq. Nk. } Moldboard to Plate ....	2
--		NUT, 7/16" - 14 Sq. }	
21		BOLT, 7/16" - 14 x 1-1/8" Flat Hd. Sq. Nk. } Moldboard to Frog ....	6
--		NUT, 7/16" - 14 Sq. }	
22		BOLT, 7/16" - 14 x 1-1/8" Flat Hd. Sq. Nk. } Moldboard to Brace ....	2
23		NUT, 7/16" - 14 Sq. }	
<p>NOTE: The Moldboard Extension shown on Figure 12 can also be used on the Two-Way Moldboard Plow Bottom.</p>			



# DEARBORN MOLDBOARD *Plows*

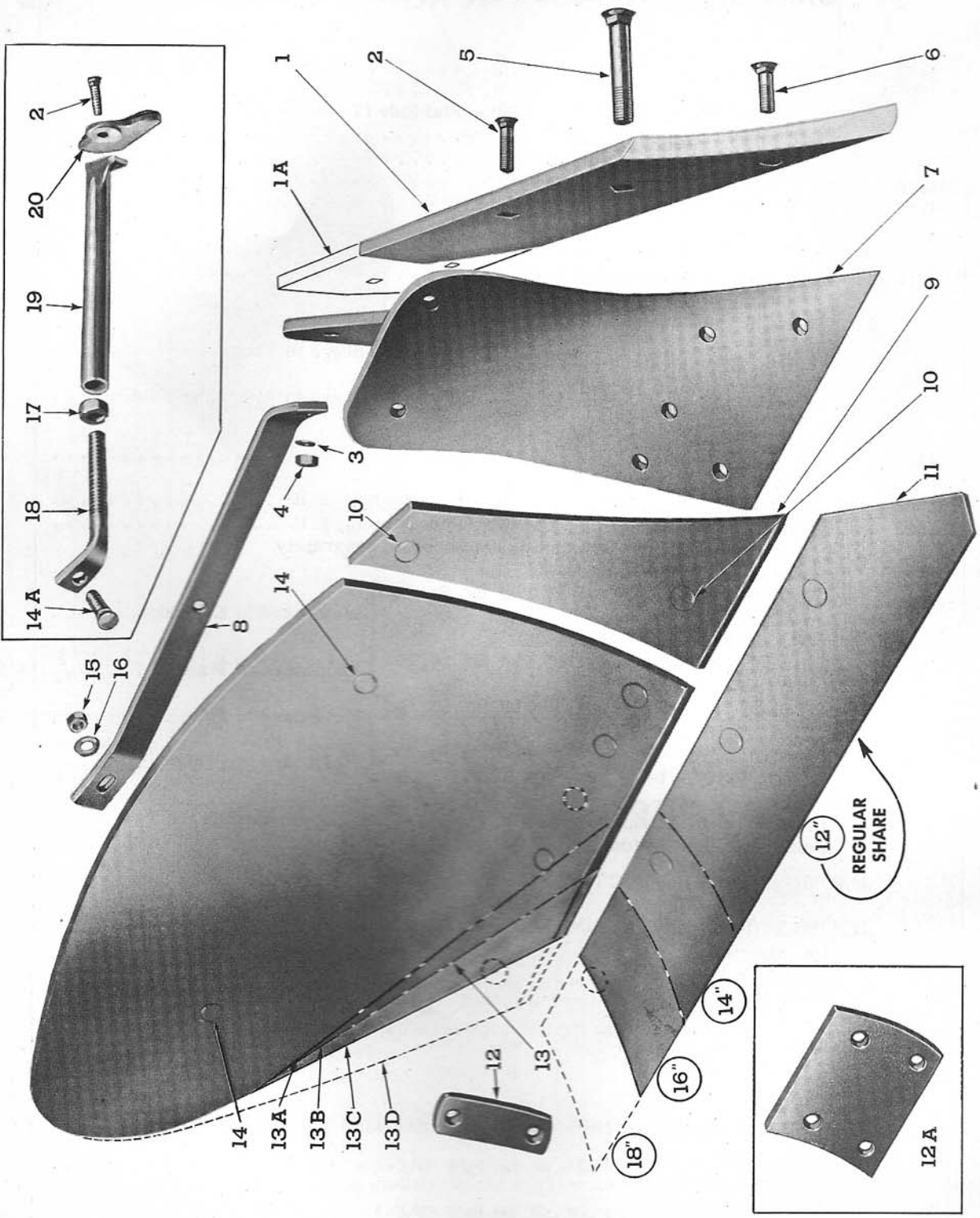


Figure 18 - Economy Bottom

# DEARBORN MOLDBOARD *Plows*

FIG. 18	PART NO.	NAME AND DESCRIPTION	QTY. REQ.							
			For Economy Plow				For Two-Way Plow			
			12"	14"	16"	18"	16"		18"	
				LH	RH	LH	RH			
<b>Group 1-2G—ECONOMY BOTTOM</b>										
		Quantity Shown Per One Bottom								
		Models								
		10-164 BOTTOM ASSY., 12" Front	1							
		10-165 BOTTOM ASSY., 12" Rear	1							
		10-166 BOTTOM ASSY., 14" Front		1						
		10-167 BOTTOM ASSY., 14" Rear		1						
		10-168 BOTTOM ASSY., 14" Front (Note A)		1						
		10-169 BOTTOM ASSY., 14" Rear (Note A)		1						
		10-172 BOTTOM ASSY., 16" Front			1					
		10-173 BOTTOM ASSY., 16" Rear			1					
		10-188 BOTTOM ASSY., 18" Rear				1				
		10-194 BOTTOM ASSY., 16" L.H.					1			
		10-195 BOTTOM ASSY., 16" R.H.						1		
		10-196 BOTTOM ASSY., 18" L.H.							1	
		10-197 BOTTOM ASSY., 18" R.H.							1	
1	104356	LANDSIDE, Front Bottom (Short)	1	1	1					
1A	104355	LANDSIDE, Rear Bottom (Long)	1	1	1	1				
1A	105054	LANDSIDE, R.H. (Long)					1		1	
-	105078	LANDSIDE, L.H. (Long)					1		1	
2	104463	BOLT, 7/16" - 20 x 1-3/4" Flat Hd. Sq. Nk.								
		L'side to Frog to Br.	1	1	1	1	1	1	1	
3		LOCKWASHER, 7/16" NUT, 7/16" - 20 Hex.								
		L'side to Heel to Br.					1	1	1	
4		BOLT, 5/8" - 18 x 3-1/4" Flat Hd. Sq. Nk.								
		L'side to Frog to Beam.	1	1	1	1	1	1	1	
-		LOCKWASHER, 5/8" NUT, 5/8" - 18 Hex.								
		L'side to Rolling L'side (Rear Bottom only)	2	2	2	2				
6		BOLT, 7/16" - 20 x 1-1/4" Flat Hd. Sq. Nk.								
		Landside to Frog	1	1	1	1	1	1	1	
-		NUT, 7/16" - 20 Hex.								
7	104401	FROG	1	1	1	1		1	1	
-	105077	FROG, L.H.					1		1	
8	104407	BRACE, Moldboard	1	1	1	1		1	1	
-	105079	BRACE, Moldboard, L.H.					1		1	
9	104428	SHIN ASSEMBLY.	1	1	1	1		1	1	
-	105063	SHIN ASSEMBLY, L.H. Consists of Shin which is not serviced separately plus items listed below:					1		1	
10		BOLT, 7/16" - 20 x 1-1/4" Flat Hd. Sq. Nk.								
--		NUT, 7/16" - 20 Hex.	2	2	2	2	2	2	2	
11		SHARE ASSEMBLY, (Includes Fixed Bolts and Nuts) (Note B)	1	1	1	1	1	1	1	
12	104406	PLATE, Moldboard to Share		1	1		1	1		
12	104444	PLATE, Moldboard to Share (Used on 14" Bottom w/a 12" Moldboard).		1						
12A	104417	PLATE, Moldboard to Share				1		1	1	
13A	104424	MOLDBOARD ASSEMBLY.	1							
13B	104425	MOLDBOARD ASSEMBLY, (Note A)		1						
13C	104426	MOLDBOARD ASSEMBLY.			1		1			
13D	104427	MOLDBOARD ASSEMBLY.				1			1	
--	105064	MOLDBOARD ASSEMBLY, L.H.					1			

# DEARBORN MOLDBOARD *Plows*

FIG. 18	PART NO.	NAME AND DESCRIPTION	QTY. REQ.															
			For Economy Plow				For Two-Way Plow											
			16"		18"		16"		18"									
			12"	14"	16"	18"	LH	RH	LH	RH								
		<b>Group 1-2G—ECONOMY BOTTOM (Cont'd)</b>																
--	105065	MOLDBOARD ASSEMBLY, L.H. . . . . Consists of Moldboard which is not serviced separately plus items listed below:																1
14		BOLT, 7/16" - 20 x 1-1/4" } Moldboard to Frog																
15		Flat Hd. Sq. Nk. } & Brace . . . . .	4	4	4	4	3	3	3	3								
14A		NUT, 7/16" - 20 Hex. } Moldboard to Plate . . . . .		1	1	2	1	1	2	2								
16		BOLT, 7/16" - 20 x 1-3/4" } Flat Hd. Sq. Nk. } Moldboard to Brace . . . . .									1	1	1	1	1			
		WASHER, 1/2" Flat	1	1	1	1	1	1	1	1	1	1	1	1				
17	105057	BRACE, Landside (Pipe). . . . .									1	1	1	1				
18	105058	BRACE, Landside (Bar) . . . . .									1	1	1	1				
19	8N-1134	NUT, 5/8" - 18 Hex. - Bar to Pipe Brace. . . . .									1	1	1	1				
20	105059	HEEL, R.H. . . . .													1			
--	105060	HEEL, L.H. . . . .									1		1					

NOTE: "A" Models 10-168 or 10-169 are economy Combination Bottoms 14", and have 12" Economy Bottom Moldboards.

"B" Standard and additional service shares to be found on Share Reference List.

When installing an Economy Bottom on a Moldboard Type Plow (Prior Model) Frame it is necessary to replace the bolts attaching the bottom to the Beam as follows:

- Page 49, Item 5 -- Replace with:  
BOLT, 5/8" - 18 x 2-1/2" Flat Hd. Sq. Nk.
- Page 27, Item 22 & 23 -- Replace with:  
BOLT, 5/8" - 18 x 2-5/8" Button Hd. Fl. Side

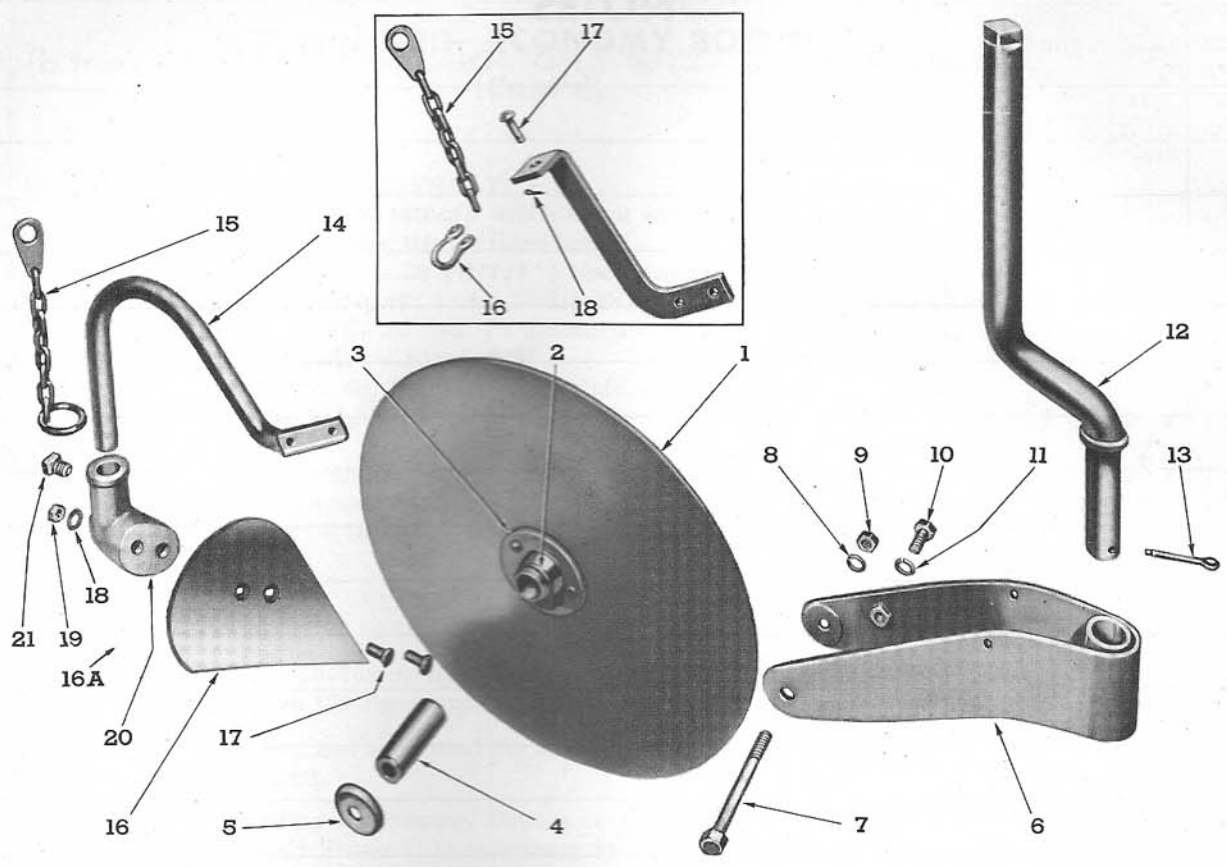


Figure 19 - Coulter and Jointer Assembly (Prior Model)

FIG. 19	PART NO.	NAME AND DESCRIPTION	QTY.	REQ.
		<b>Group 1-3A—COULTER AND JOINTER ASSEMBLY (Prior Model)</b>		
-	*	COULTER and JOINTER ASSEMBLY, (15-1/2" Plain Disc) . . . . .	2	
-	*	COULTER and JOINTER ASSEMBLY, (15-1/2" Notched Disc) . . . . .	2	
-	*	COULTER and JOINTER ASSEMBLY, (18" Plain Disc) . . . . .		2
-	*	COULTER and JOINTER ASSEMBLY, (18" Notched Disc) . . . . .		2
-	103048	DISC and HUB ASSEMBLY, 15-1/2" Plain . . . . .	2	
-	103079	DISC and HUB ASSEMBLY, 15-1/2" Notched. . . . .	2	
-	103049	DISC and HUB ASSEMBLY, 18" Plain. . . . .		2
-	103080	DISC and HUB ASSEMBLY, 18" Notched. . . . .		2
		Consists of:		
1	103051	DISC, Coulter, 15-1/2" Plain . . . . .	2	
-	103081	DISC, Coulter, 15-1/2" Notched . . . . .	2	
1	103052	DISC, Coulter, 18" Plain . . . . .		2
-	103082	DISC, Coulter, 18" Notched . . . . .		2
2	103050	HUB, Coulter. . . . .	2	2
3	103520	FLANGE, Coulter Hub. . . . .	2	2
-		RIVET, 5/16" x 1-3/8" Rd. Hd. - Flange to Hub. . . . .	6	6
-		FITTING, Lube 1/8" x 3/4" - Coulter Hub . . . . .	2	2

# DEARBORN MOLDBOARD *Plows*

FIG. 19	PART NO.	NAME AND DESCRIPTION	QTY.	REQ.
<b>Group 1-3A—COULTER AND JOINTER ASSEMBLY (Cont'd)</b>				
4	103074	BUSHING, Coulter Hub . . . . .	2	2
5	103075	COLLAR, Coulter Hub Dust. . . . .	4	4
6	103054	FORK, Coulter (Welded Assy.) For 15-1/2" Coulter. . . . .	2	
-	103813	FORK, Coulter (Welded Assy.) For 15-1/2" Coulter (Two-Way Plow). . . . .	2	
6	103055	FORK, Coulter (Welded Assy.) For 18" Coulter. . . . .		2
-	103817	FORK, Coulter (Welded Assy.) For 18" Coulter (Two-Way Plow). . . . .		2
7		BOLT, 7/16" - 20 x 4-11/16" Hex. Hd. } . . . . .		
8		LOCKWASHER, 7/16" } Jointer Arm to Fork to Coulter Hub. . .	2	2
9		NUT, 7/16" - 20 Hex. } . . . . .		
10		BOLT, 7/16" - 20 x 1-3/16" Hex. Hd. } Jointer Arm to Fork . . . . .	2	2
11		LOCKWASHER, 7/16" } . . . . .		
12	103069	STEM ASSEMBLY, (For 15-1/2" Disc) . . . . .	2	
12	103070	STEM ASSEMBLY, (For 18" Disc) . . . . .		2
13		COTTER PIN, 1/4" x 2-1/2" - Coulter Fork to Stem. . . . .	2	2
14	103076	ARM, Jointer . . . . .	2	2
14A	103815	ARM, Coulter (Two-Way Plow). . . . .	2	2
15	103065	CHAIN ASSEMBLY. . . . .	2	2
		Consists of Anchor, Chain, and Ring which are not serviced separately.		
15A	103797	CHAIN ASSEMBLY (Two-Way Plow) . . . . .	2	2
		Consists of Anchor and Chain which are not serviced separately.		
16	103097	BLADE ASSEMBLY, Jointer . . . . .	2	
16A	103098	BLADE ASSEMBLY, Jointer (Long Blade) . . . . .		2
		Consists of Blade which is not serviced separately plus items listed below:		
17		BOLT, 7/16" - 20 x 1-1/4" Flat Hd. Sq. Nk. } . . . . .		
18		WASHER, 7/16" Flat } Blade to Palm . . . . .	4	4
19		NUT, 7/16" - 20 Hex } . . . . .		
20	103062	PALM, Jointer . . . . .	2	2
21		SET SCREW, 5/8" - 11 x 7/8" Sq. Hd. Cup Pt. - Palm to Arm. . . . .	2	2
22	103799	CLEVIS, Arm Chain (Two-Way Plow) . . . . .	2	2
23		RIVET, 3/8" - 1-1/2" Rd. Hd. Drld. End } Chain to Arm. . . . .		
24		COTTER PIN, 1/8" x 1-1/4" } . . . . .	2	2

NOTE: \*Not serviced as a complete assembly. For replacement see new style Coulter Assembly now used on Economy Plows.

# DEARBORN MOLDBOARD *Plows*

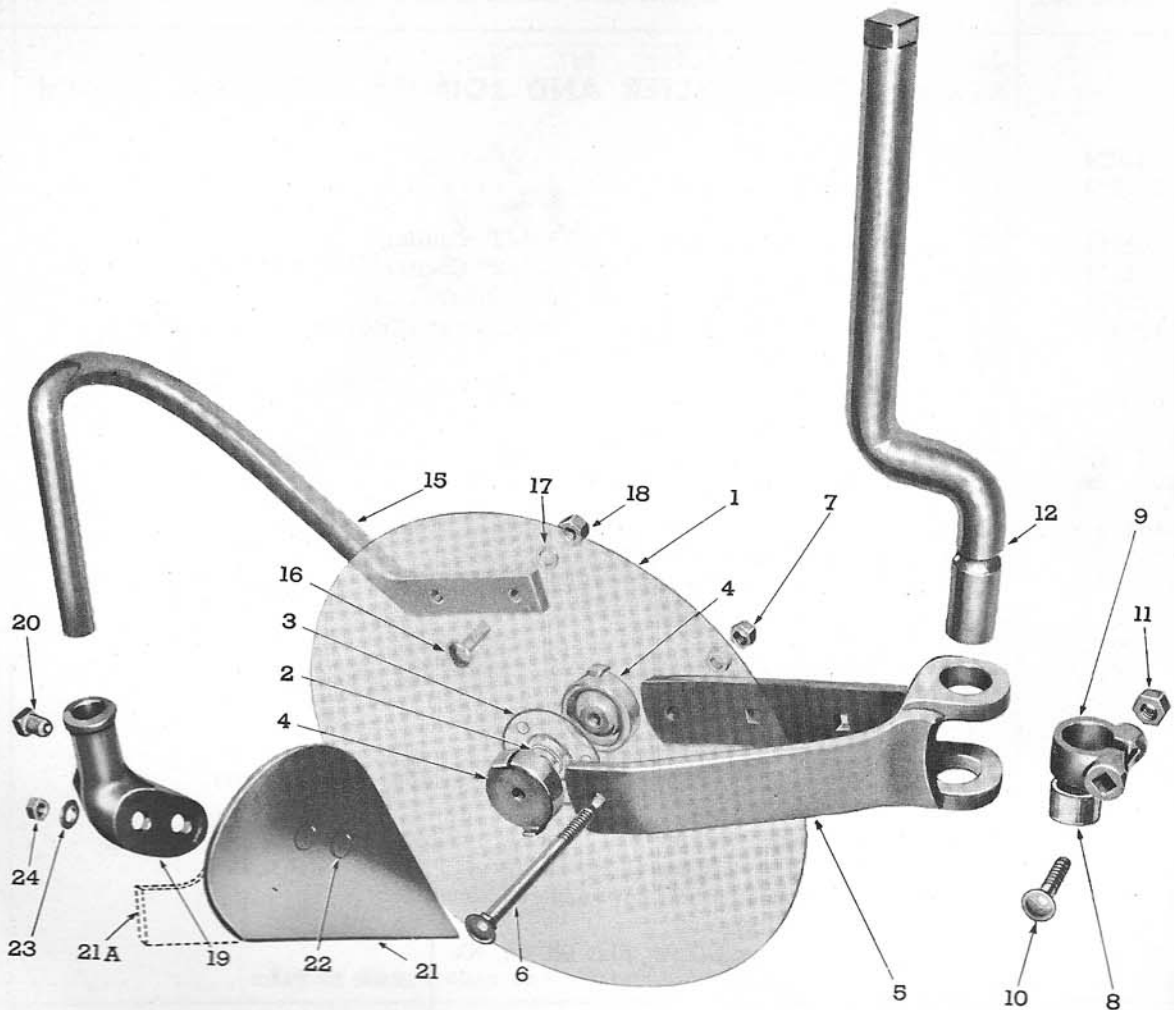


Figure 19A - Coultter and Jointer Assembly

FIG. 19A	PART NO.	NAME AND DESCRIPTION	QTY. REQ.			
			10-174	10-175	10-176	10-177
<p><b>Group 1-3B—COULTER AND JOINTER ASSEMBLY</b></p> <p>Models 10-174 COULTER ASSY., (15-1/2" Plain Disc) . . . . . 2</p> <p>10-175 COULTER ASSY., (15-1/2" Notched Disc). . . . . 2</p> <p>10-176 COULTER ASSY., (18" Plain Disc) . . . . . 2</p> <p>10-177 COULTER ASSY., (18" Notched Disc). . . . . 2</p>						
-	104380	DISC and HUB ASSEMBLY, 15-1/2" Plain. . . . .	2			
-	104338	DISC and HUB ASSEMBLY, 15-1/2" Notched. . . . .		2		
-	104381	DISC and HUB ASSEMBLY, 18" Plain. . . . .			2	
-	104339	DISC and HUB ASSEMBLY, 18" Notched. . . . .				2
Consists of:						
1	103051	DISC, Coultter, 15-1/2" Plain . . . . .	2			
-	103081	DISC, Coultter, 15-1/2" Notched . . . . .		2		
1	103052	DISC, Coultter, 18" Plain . . . . .			2	
-	103082	DISC, Coultter, 18" Notched. . . . .				2
2	103211	HUB, Coultter. . . . .	2	2	2	2
3	103520	FLANGE, Coultter Hub. . . . .	2	2	2	2
-		RIVET, 5/16" x 1-3/8" Rd. Hd. - Flange to Hub. . . . .	6	6	6	6
-		FITTING, Lube, 1/8" x 3/4" - Coultter Hub. . . . .	2	2	2	2
4	103212	CAP, Bearing . . . . .	4	4	4	4

# DEARBORN MOLDBOARD *Plows*

FIG. 19A	PART NO.	NAME AND DESCRIPTION	QTY. REQ.			
			10-174	10-175	10-176	10-177
<b>Group 1-3B—COULTER AND JOINTER ASSEMBLY</b>						
<b>(Cont'd)</b>						
5	105409 *	FORK, Coulter (Welded Assembly) (For 15-1/2" Disc) . . . . .	2	2		
5	105527 *	FORK, Coulter (Welded Assembly) (For 18" Disc) . . . . .			2	2
6		BOLT, 7/16" - 20 x 5-3/4" Carr. } Hub and Caps	2	2	2	2
7		NUT, 7/16" - 20 Hex. } to Fork . . . . .	4	4	4	4
8	105413	SPACER, Fork . . . . .	2	2	2	2
9	104362	CLAMP, Coulter Stem . . . . .	2	2	2	2
10		BOLT, 7/16" - 20 x 2-1/2" Carr. } Clamp to Stem . . . . .	2	2	2	2
11		NUT, 7/16" - 20 Hex. Case Hrd. }				
12	104364	STEM, Coulter . . . . .	2	2	2	2
JOINTER PARTS						
For 15-1/2" or 18" Disc Coulters						
		**Model 10-178 JOINTER ASSEMBLY . . . . .			2	
		**Model 10-189 JOINTER ASSEMBLY, Long Blade . . . . .				2
15	104363	ARM, Jointer . . . . .			2	2
16		BOLT, 7/16" - 20 x 1-1/2" Carr. } Arm to Fork . . . . .			4	4
17		LOCKWASHER, 7/16" }				
18		NUT, 7/16" - 20 Hex. }				
19	103062	PALM, Jointer . . . . .			2	2
20		SET SCREW, 5/8" - 11 x 7/8" Sq. Hd. Cup Pt. - Palm . . . . .			2	2
21	103097	BLADE ASSEMBLY . . . . .			2	
21A	103098	BLADE ASSEMBLY, (Long Blade) . . . . .				2
Consists of Blade which is not serviced separately, plus items listed below:						
22		BOLT, 7/16" - 20 x 1-1/4" Flat Hd. Sq. Nk. } Blade to Palm . . . . .			4	4
23		WASHER, 7/16" Flat }				
24		NUT, 7/16" - 20 Hex. }				
NOTE: *The Riveted Fork, with left and right legs and bearing Bracket, is no longer available. Replace with the welded Fork Assembly, Item 5, as shown. This will require the additional Fork Spacer, Item 8.						
**Available for service, but not included in a complete Coulter and Jointer Assembly.						

# DEARBORN MOLDBOARD *Plows*

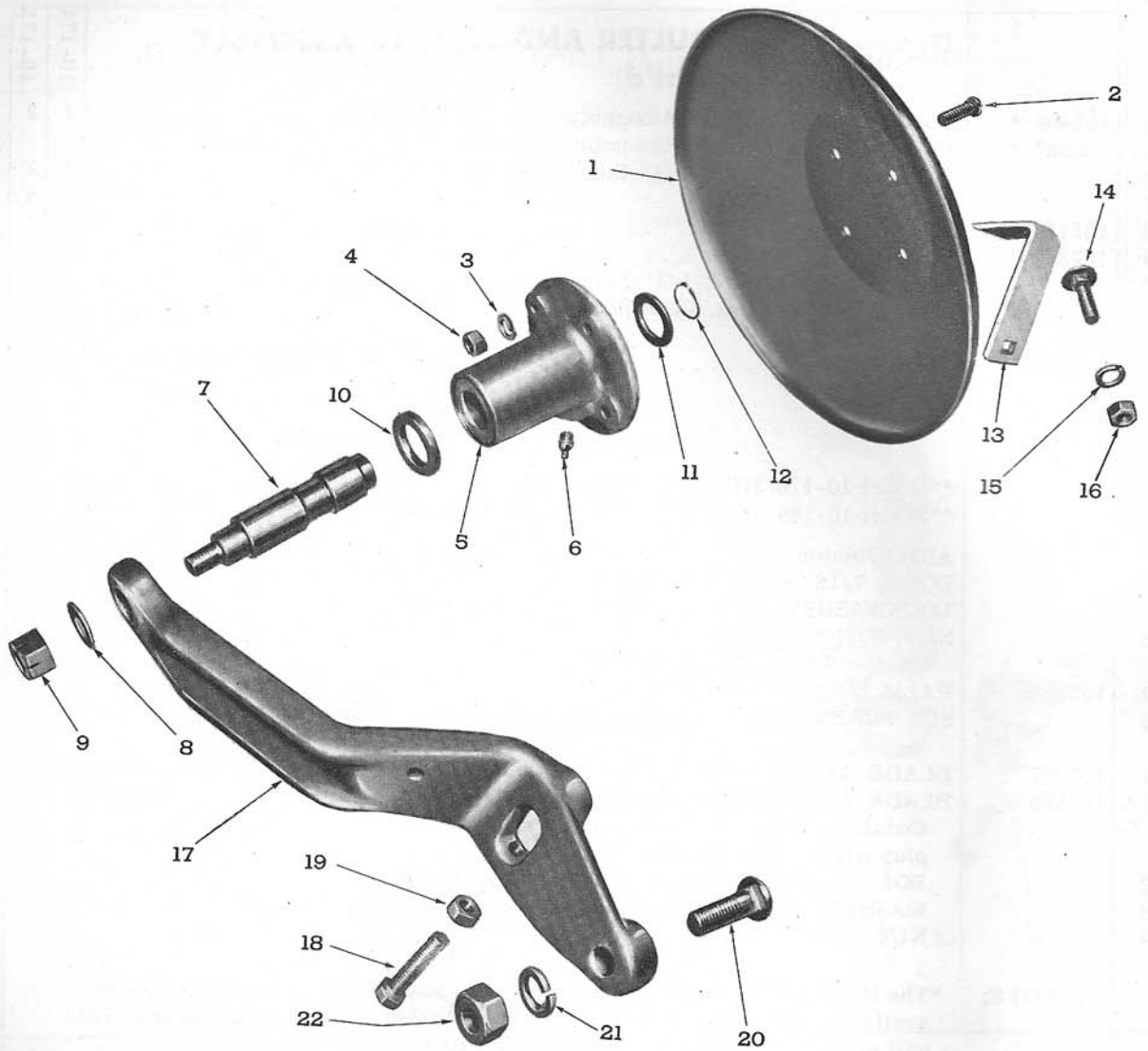


Figure 20 - Rolling Landside Assembly

FIG. NO.	PART NO.	NAME AND DESCRIPTION	QTY. REQ.
		<b>Group 1-4—ROLLING LANDSIDE ASSEMBLY</b>	
-	103000	LANDSIDE ASSEMBLY, Rolling . . . . .	1
		Consists of:	
1	103008	WHEEL, Rolling Landside . . . . .	1
2		BOLT, 7/16" - 20 x 1-1/8" Slotted Hd. } Wheel to Hub . . . . .	4
3		LOCKWASHER, 7/16" }	
4		NUT, 7/16" - 20 Hex. }	
5	103005	HUB, Rolling Landside Wheel . . . . .	1
6		FITTING, Lubé, 1/8" x 45/64" x 3/16" . . . . .	1
7	103002	SPINDLE, Rolling Landside Wheel. . . . .	1
8		WASHER, 5/8" Flat } Spindle to Arm. . . . .	1
9		NUT, 5/8" - 18 Hex. Slotted }	
10	103004	WASHER, Thrust (1-3/16" I.D.) . . . . .	1



# DEARBORN MOLDBOARD *Plows*

FIG. 20	PART NO.	NAME AND DESCRIPTION	QTY. REQ.
<b>Group 1-4—ROLLING LANDSIDE ASSEMBLY (Cont'd)</b>			
11	103006	WASHER, Flat (1-1/32" I.D.) . . . . .	1
12	300022	RING, Retaining . . . . .	1
13	105087	SCRAPER, Rolling Landside Wheel . . . . .	1
14		BOLT, 7/16" - 20 x 1-1/2" Carr. } . . . . .	
15		LOCKWASHER, 7/16" } Scrapper to Arm . . . . .	1
16		NUT, 7/16" - 20 Hex. } . . . . .	
17	103001	ARM, Rolling Landside Wheel . . . . .	1
18		BOLT, 7/16" - 20 x 2" Hex. Hd. } . . . . .	
19		NUT, 7/16" - 20 Hex. } Rolling Landside Wheel Adjusting . . . . .	1
20		BOLT, 5/8" - 18 x 2-5/16" Flat Hd. Sq. Nk. } . . . . .	
21		LOCKWASHER, 5/8" } Arm to Landside . . . . .	2
22		NUT, 5/8" - 18 Hex. } . . . . .	
--		WASHER, 5/8" Flat - Arm to Landside Bolt. . . . . As Req'd. .	1

# DEARBORN MOLDBOARD *Plows*

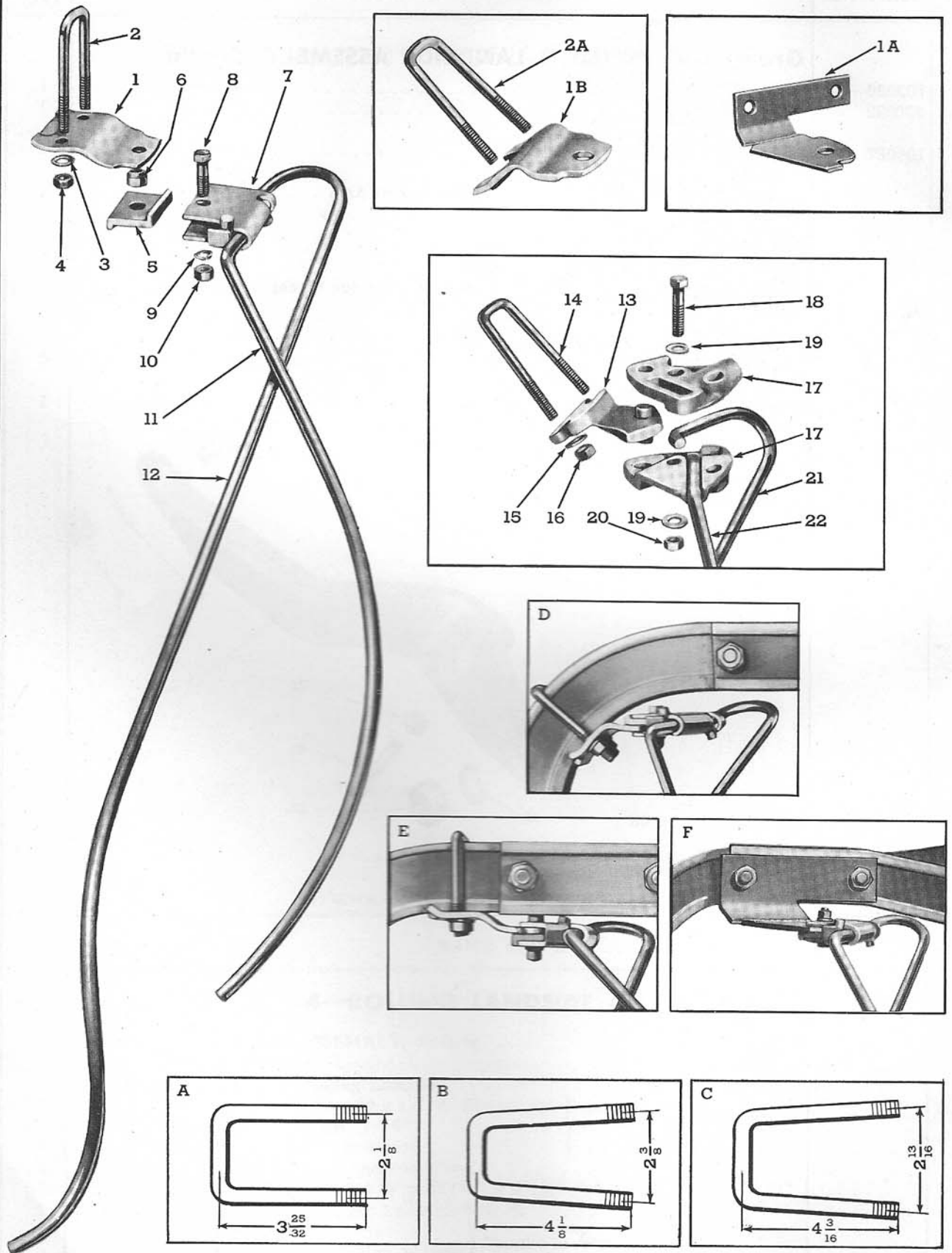


Fig. 21 - Weed Hook Assembly

# DEARBORN MOLDBOARD *Plows*

FIG. 21	PART NO.	NAME AND DESCRIPTION	QTY. REQ.		
			105089	105150	103160
		<b>Group 1-5—WEED HOOK ASSEMBLY</b>			
	105089	HOOK ASSEMBLY, Weed (For Economy Plow, Double Bottom) . . . . .	1		
	105150	HOOK ASSEMBLY, Weed (For Economy Plow, Single Bottom) . . . . .		1	
	103160	HOOK ASSEMBLY, Weed (For Prior Model Plow, Double Bottom) . . . . .			
		Consists of:			
1	105004	BRACKET, U-Bolt . . . . .	1		
1A	105052	BRACKET . . . . .		1	
1B	103162	BRACKET, U-Bolt . . . . .			
2	105005	U-BOLT, 7/16" - 20 (Refer to Insert "A")	1		
2A	103161	U-BOLT, 7/16" - 20 (Refer to Insert "B")			
3		LOCKWASHER, 7/16"			
4		NUT, 7/16" - 20 Hex. } Bracket to Beam . . . . .	2		
			2		
5	103163	RETAINER, Tine . . . . .	1	1	1
6	103165	SPACER, Retainer . . . . .	1	1	1
7	103164	CLEVIS . . . . .	1	1	1
8		BOLT, 7/16" - 20 x 1-1/2	1	1	1
9		LOCKWASHER, 7/16"			
10		NUT, 7/16" - 20 Hex. } Retainer, Spacer, Clevis to Bracket . . . . .			
			1	1	1
11	103166	TINE, Front . . . . .	1	1	1
12	103167	TINE, Rear . . . . .	1	1	1
			1	1	1
		HOOK ASSEMBLY, Weed (Not Serviced as a complete Assembly, Superseded by Part No. 103160 Shown Above.) . . . . .			1
		Consists of:			
13	103101	BRACKET, U-Bolt . . . . .			1
14	103103	U-BOLT, 7/16" - 20 (Refer to Insert "C")	1	1	2
15		WASHER, 7/16" Flat			
16		NUT, 7/16" - 20 Hex. } Bracket to Beam . . . . .			
			2		2
17	103102	CLAMP, Pivot (Upper and Lower) . . . . .			2
18		BOLT, 7/16" - 20 x 2-3/16" Hex.Hd. }	1	2	1
19		WASHER, 7/16"			
20		NUT, 7/16" - 20 Hex. } Clamp to Bracket . . . . .			
			2		1
21	103104	TINE, Front . . . . .			1
22	103105	TINE, Rear . . . . .			1

### WEED HOOK ATTACHMENT PROCEDURE

Insert "D" General Purpose Moldboard Plow:

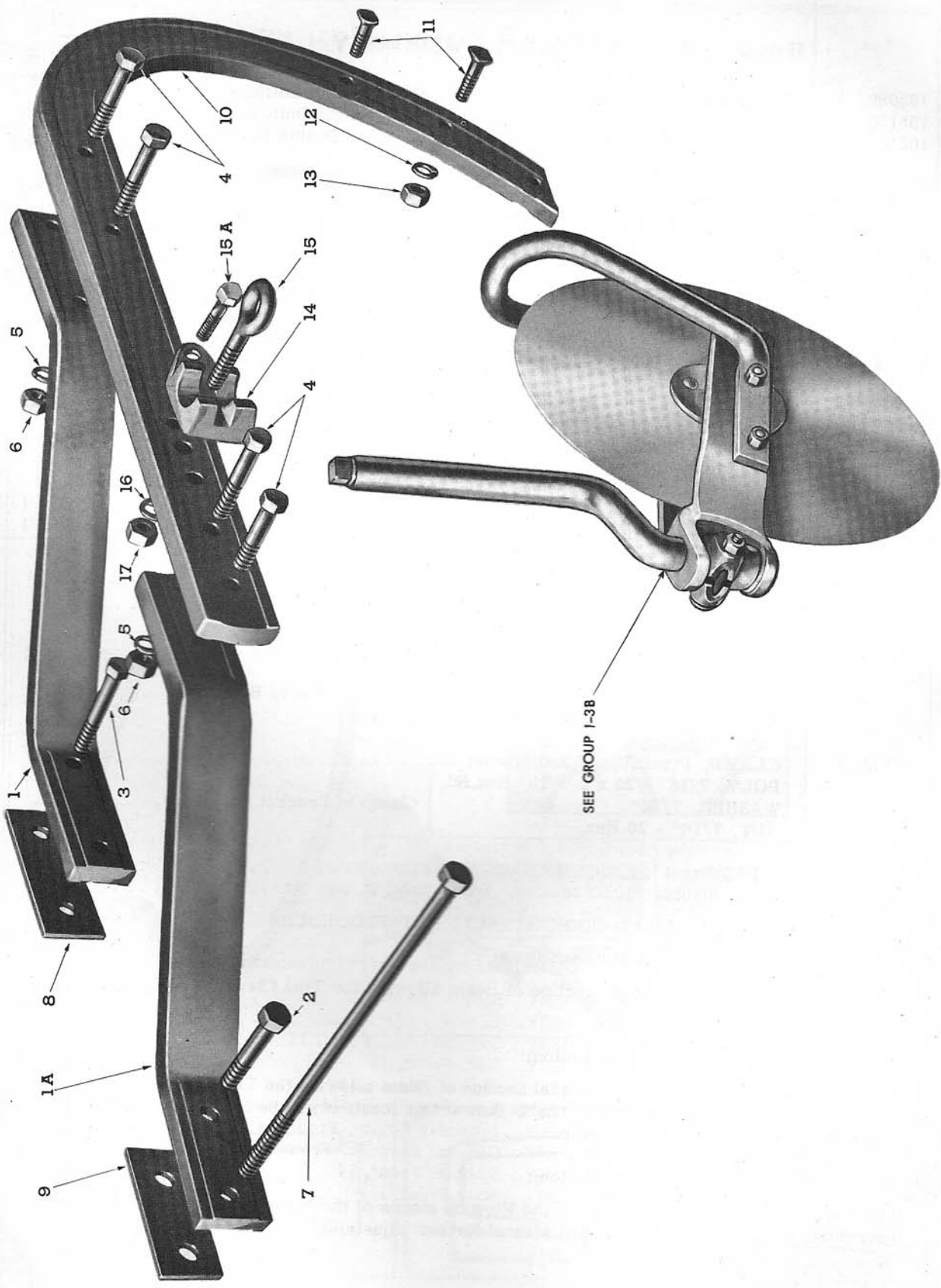
The U-Bolt is secured on curved section of Beam allowing the Tine Clevis to run parallel with the beams horizontal surface.

Insert "E" Economy Plow, Double Bottom:

The U-Bolt is secured on the Horizontal section of Beam allowing the Tine Clevis to run parallel with the beams horizontal surface. The U-Bolt at this location will be approximately 3 inches aft of the bolt holding the beam brace.

Insert "F" Economy Plow, Single Bottom:

The Week Hook Bracket is secured to the Plow by means of the two Rear Brace to Beam Bolts. Therefore, the position is maintained without further adjustment.



SEE GROUP 1-38

Figure 22 - Third Beam Conversion Kit

# DEARBORN MOLDBOARD *Plows*

FIG. 22	PART NO.	NAME AND DESCRIPTION	QTY. REQ.		
			10-61	10-62	10-63
<b>Group 1-6—THIRD BEAM CONVERSION KIT</b>					
		Model 10-61 CONVERSION KIT, 10" Frame (Less Bottom) . . . . .	1		
		Model 10-62 CONVERSION KIT, 12" Frame (Less Bottom) . . . . .		1	
		Model 10-63 CONVERSION KIT, 14" Frame (Less Bottom) . . . . .			1
1	105146	BRACE, Beam, Rear (For 10" Frame) . . . . .	1		
1	105147	BRACE, Beam, Rear (For 12" Frame) . . . . .		1	
1	104331	BRACE, Beam, Rear (For 14" Frame) . . . . .			1
1A	105091	BRACE, Beam, Front (For 10" Frame) . . . . .	1		
1A	105092	BRACE, Beam, Front (For 12" Frame) . . . . .		1	
1A	105093	BRACE, Beam, Front (For 14" Frame) . . . . .			1
2		BOLT, 5/8" - 18 x 3-3/4" Hex. Hd. - Brace to "A" Frame to Beam . . . . .	1		1
2		BOLT, 5/8" - 18 x 4" Hex. Hd. - Brace to "A" Frame to Beam . . . . .		1	
3		BOLT, 5/8" - 18 x 4-3/4" Hex. Hd. - Brace to Spacer to Beam to Brace . . . . .	2	2	2
4		BOLT, 5/8" - 18 x 3-1/4" Hex. Hd. - Brace to Third Beam . . . . . (2)	2	2	2
5		LOCKWASHER, 5/8" . . . . . (2)	5	5	5
6		NUT, 5/8"- 18 Hex. . . . . (2)	5	5	5
7	105101	TIE ROD, 5/8" - 18 x 14" } . . . . .	1		
7	105103	TIE ROD, 5/8" - 18 x 16" } } Brace to Frame . . . . .		1	
7	105105	TIE ROD, 5/8" - 18 x 18" } . . . . .			1
-		LOCKWASHER, 5/8" . . . . .	1	1	1
-		NUT, 5/8" - 18 Hex. . . . .	1	1	1
8	105142	SPACER, Rear Brace to Middle Beam, 1/4" Thick . . . . .	1	1	1
9	105142	SPACER, Front Brace to Middle Beam, 1/4" Thick . . . . .		1	
10	104301	BEAM, Long . . . . .	1	1	1
11		BOLT, 5/8" - 18 x 3" Button Hd. Flat Side } . . . . .			
12		LOCKWASHER, 5/8" } Bottom to Beam . . . . .	2	2	2
13		NUT, 5/8" - 18 Hex. . . . .			
14	104313	SEAT, Coultter Stem (Optional pt. 104974) . . . . .	1	1	1
15	104306	EYEBOLT, Coultter Stem . . . . .	2	2	2
15A		BOLT, 5/8" - 18 x 2-3/4" Hex. . . . .	2	2	2
16		LOCKWASHER, 5/8" . . . . .			
17		NUT, 5/8" - 18 Hex. Case Hrd. } Seat and Eyebolt to Beam . . . . .	2	2	2
<p><b>NOTE:</b> The parts with quantities shown in parenthesis "( )" are removed from the Two Bottom Economy Plow when the Third Beam Conversion Kit is adapted and re-used where designated. Therefore, these attaching parts are not included in the Conversion Kits.</p>					
<p>The following bottoms are available for the above Conversion Kits:</p>					
		Model 10-162 BOTTOM ASSY., Scotch, Front, 10" . . . . .	1		
		Model 10-164 BOTTOM ASSY., Economy, Front, 12" . . . . .		1	
		Model 10-41 BOTTOM ASSY., Sod and Clay, Front, 12" . . . . .		1	
		Model 10-20 BOTTOM ASSY., Slat, Front, 12" . . . . .		1	
		Model 10-22 BOTTOM ASSY., Chilled, Front, 12" . . . . .		1	
		Model 10-166 BOTTOM ASSY., Economy, Front, 14" . . . . .			1
		Model 10-168 BOTTOM ASSY., Economy Comb., Front, 14" . . . . .			1
		Model 10-36 BOTTOM ASSY., General Purpose, Front, 14" . . . . .			1
		Model 10-170 BOTTOM ASSY., Stubble, Front, 14" . . . . .			1
		Model 10-18 BOTTOM ASSY., Slat, Front, 14" . . . . .			1

# DEARBORN MOLDBOARD *Plows*

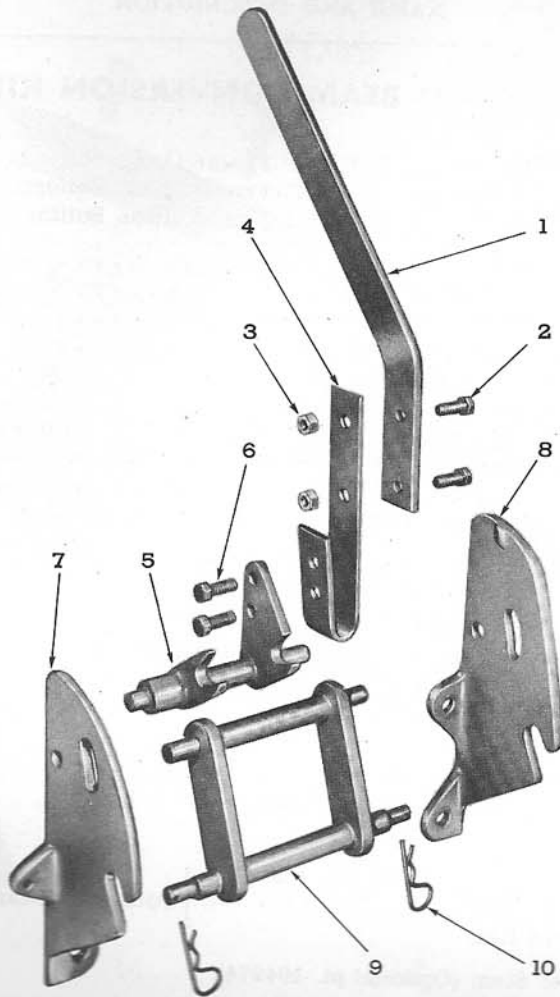


Figure 23 - Automatic Lockout Assembly

FIG. 23	PART NO.	NAME AND DESCRIPTION	QTY. REQ.
<b>Group 1-7—AUTOMATIC LOCKOUT ASSY. (Model 10-31) For Two-Way Plow (Extra Equipment)</b>			
1	103866	HANDLE, Throwout .....	1
2		CAP SCREW, 7/16" - 20 x 1-1/4" Hex. Hd. ....	} Handle to Spring .....
3		NUT, 7/16" - 20 Hex. Slotted .....	
4	103865	SPRING, Throwout Handle .....	1
5	103864	LEVER, Throwout .....	1
6		CAP SCREW, 7/16" - 20 x 1-1/4" Hex. Hd. ....	} Lever to Spring .....
-		NUT, 7/16" - 20 Hex. Slotted .....	
7	103861	BRACKET, Tractor, L.H. ....	1
8	103862	BRACKET, Tractor, R.H. ....	1
9	103863	LATCH, Throwout Lever .....	1
10	103904	PIN, Spring .....	2
<p>NOTE: When the automatic Lockout Assembly is installed on Tractor, the Tractor Brackets shown (Items 7 and 8) replace the Tractor Brackets that were furnished with the Plow and are listed below:</p>			
	103901	BRACKET, Tractor, R.H. ....	1
	103902	BRACKET, Tractor, L.H. ....	1

# DEARBORN DISC *Plow*

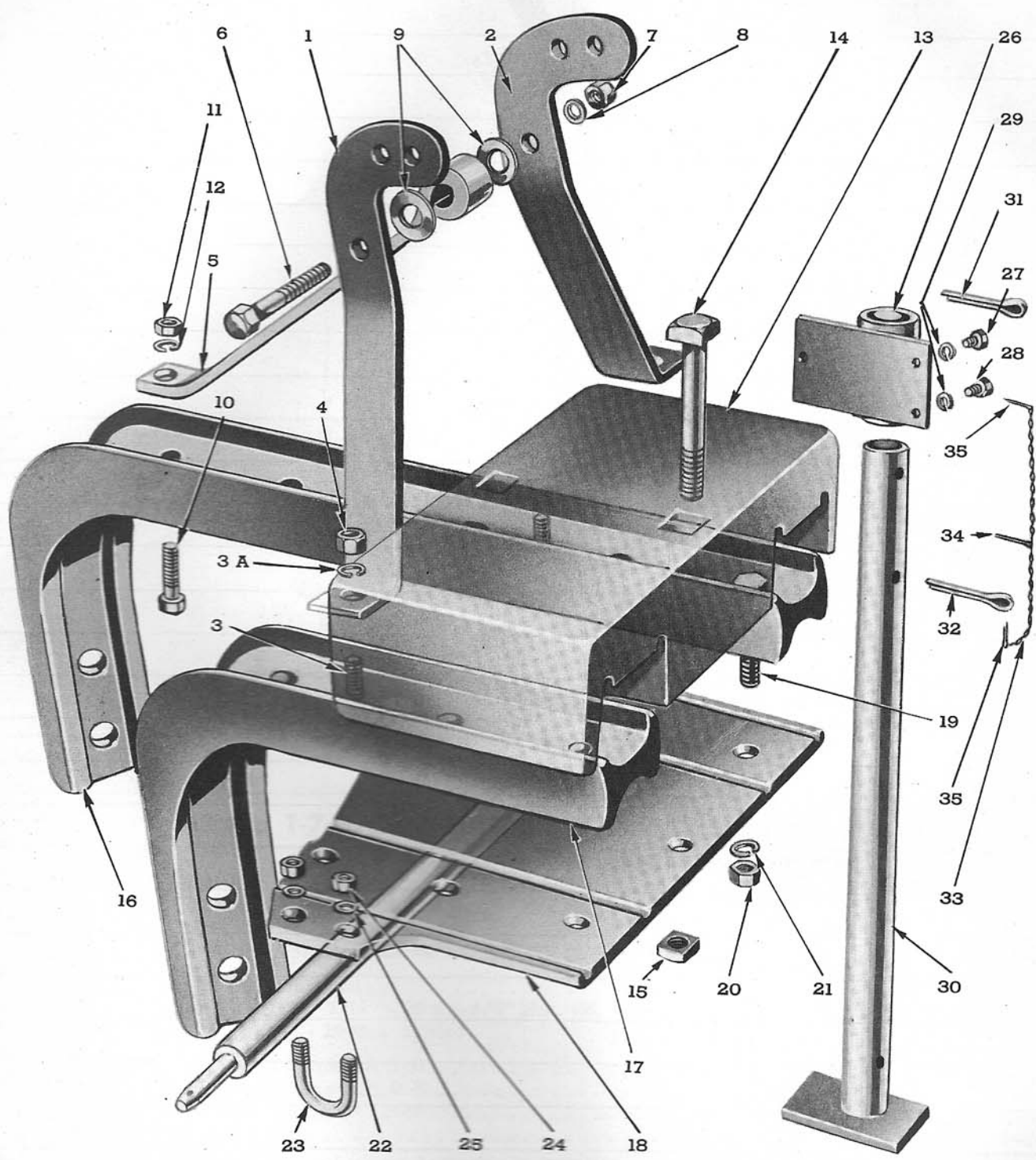


Figure 24 - Frame Assembly

**Group 2—DEARBORN DISC PLOWS**

FIG. 24	PART NO.	NAME AND DESCRIPTION	QTY. REQ.
<b>Group 2-1—FRAME ASSEMBLY, For Models 10-80 and 10-202</b>			
1	103119	STRUT, Top Link, R.H. ....	1
2	103120	STRUT, Top Link, L.H. ....	1
3		BOLT, 3/4" - 10 x 2-3/4" Hex. Hd. } Strut to Beam. ....	2
3A		LOCKWASHER, 3/4" }	
4		NUT, 3/4" - 10 Hex. }	
5	103121	BRACE, Top Link ....	1
6		BOLT, 3/4" - 10 x 3-3/4" Hex Hd. } Brace to Struts ....	2
7		NUT, 3/4" - 10 Hex. }	
8		LOCKWASHER, 3/4" }	
9		WASHER, 3/4" Flat }	
10		BOLT, 3/4" - 10 x 2-3/4" Hex. Hd. } Brace to Long Beam ....	1
11		NUT, 3/4" - 10 Hex. }	
12		LOCKWASHER, 3/4" }	
13	103110	COUNTERBALANCE ....	1
14		BOLT, 7/8" - 9 x 6" Sq. Hd. } Counterbalance to Plate. ....	2
15		NUT, 7/8" - 9" Sq. }	
16	104184	BEAM, Long (Welded Assembly) ....	1
17	104185	BEAM, Short (Welded Assembly) ....	1
Beam Assemblies 104184 and 104185 consist of Beams which are not serviced separately plus Bolt (Item 3) listed above.			
18	103114	PLATE, Base ....	1
19		BOLT, 7/8" - 9" x 3-1/2" Hex. Hd. } Beam to Plate ....	7
20		NUT, 7/8" - 9" Sq. }	
21		LOCKWASHER, 7/8" }	
22	103200	SHAFT, Cross (Welded Assembly) ....	1
23		U-BOLT, 5/8" - 11" - Cross Shaft ....	2
24		NUT, 5/8" - 11 Hex. } U-Bolt ....	4
25		LOCKWASHER, 5/8" }	
26	103111	BRACKET, Plow Stand ....	1
27		BOLT, 1/2" - 13" x 1 Hex. Hd. } Bracket to Counterbalance ....	3
28		BOLT, 1/2" - 13" x 1 Hex. Drld. Hd. }	
29		LOCKWASHER, 1/2" }	
30	103112	STAND, Plow ....	1
31		COTTER PIN, 1/2" x 3 - Stand to Bracket. ....	1
32	103151	PIN, Safety. ....	1
33	103152	CHAIN, Safety Pin ....	1
34		COTTER PIN, 5/32" x 1-1/2" } Chain. ....	1
35		COTTER PIN, 1/8" x 1-1/2" }	



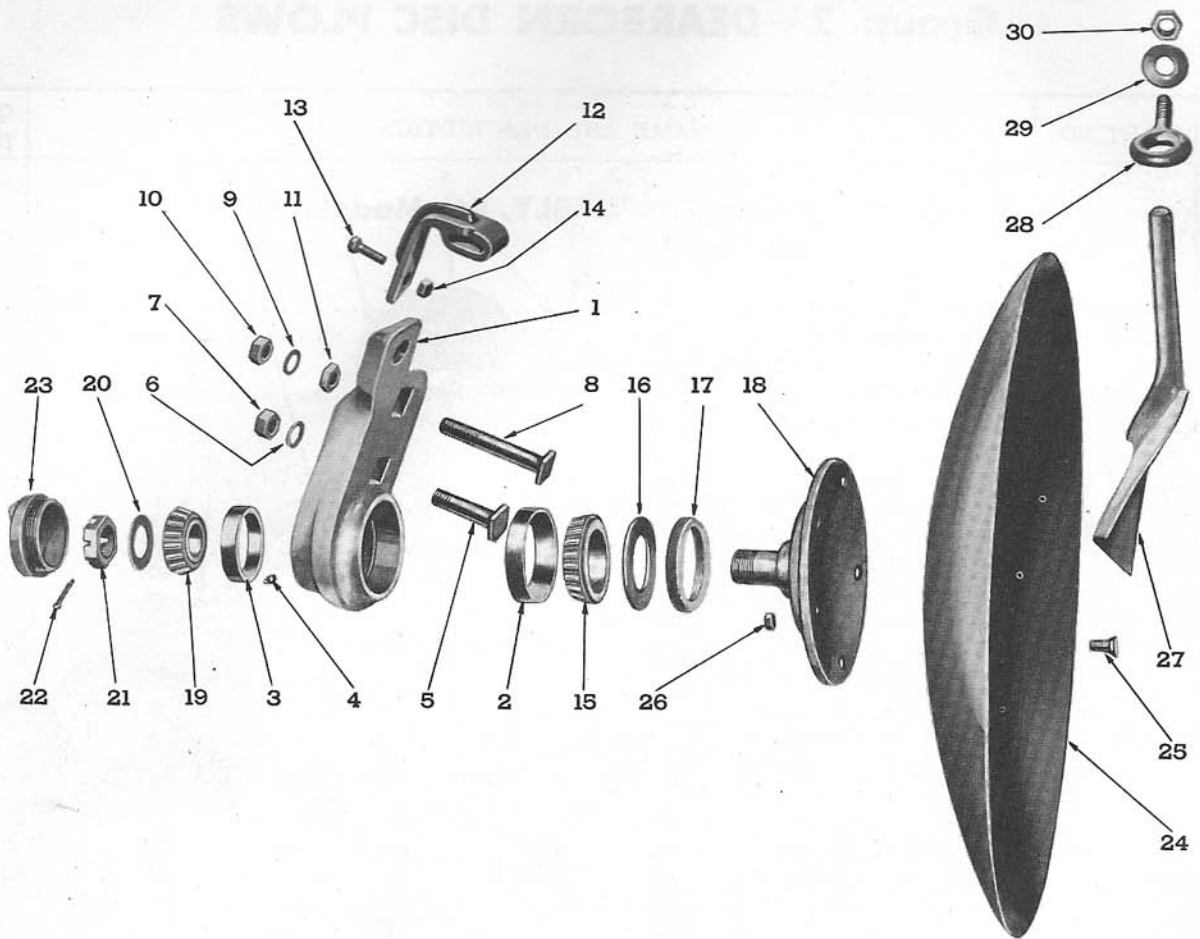


Figure 25 - Disc Assembly

FIG. 25	PART NO.	NAME AND DESCRIPTION	QTY. REQ.	
			10-80	10-202
<b>Group 2-2—DISC ASSEMBLY, For Models 10-80 and 10-202</b>				
1	104187	BOX ASSEMBLY . . . . . Consists of Box which is not serviced separately plus items listed below:	2	2
2	103130	CUP, Bearing, Inner . . . . .	2	2
3	103131	CUP, Bearing, Outer . . . . .	2	2
4		FITTING, Lube 1/8" . . . . .	2	2
5		BOLT, 1" - 8 x 4" Sq. Hd. } Box to Beam . . . . .	3	3
6		LOCKWASHER, 1" . . . . .		
7		NUT, 1" - 8 Hex. . . . .		
8		BOLT, 1" - 8 x 6" Sq. Hd. } Rear Box to Beam to Tail Wheel Bracket . . . . .	1	1
9		LOCKWASHER, 1" . . . . .		
10		NUT, 1" - 8 Hex. . . . .		
11		NUT, 1" - 8 Hex. - Jam . . . . .		
12	105431	BRACKET, Disc Scraper. . . . .	2	
13		BOLT, 5/8" - 11 x 1-1/2" Hex. Hd. } Scraper Bracket to Box . . . . .	2	
14		NUT, 5/8" - 11 Hex. . . . .		
15	103128	CONE, Bearing, Inner . . . . .	2	2
16	103127	RETAINER, Grease, 2-21/32" I.D. . . . .	2	2
17	103126	SEAL, Felt. . . . .	2	2

# DEARBORN DISC *Plow*

FIG. 25	PART NO.	NAME AND DESCRIPTION	QTY. REQ.	
			10-80	10-202
<b>Group 2-2—DISC ASSEMBLY (Cont'd)</b>				
18	103125	SPINDLE, Disc . . . . .	2	2
19	103129	CONE, Bearing, Outer . . . . .	2	2
20	103145	WASHER, Thrust, 1-21/32" I.D. . . . .	2	2
21		NUT, 1-5/8" - 12 Hex. Slotted . . . . .	2	2
22		COTTER PIN, 1/4" - 2-3/4" . . . . .	2	2
23	103123	CAP, Dust, Bearing Box (Prior to Dec. 1, 1950) . . . . .	2	2
23	105644	CAP, Dust, Bearing Box (10 Thrds. per inch (Used after Dec. 1, 1950) . . . . .	2	2
24	103144	DISC, 26" . . . . .	2	2
25		BOLT, 7/16" - 20 x 1" Flat Hd. Sq. Nk. } Disc to Spindle . . . . .	10	10
26		NUT, 7/16" - 20 Hex. }		
27	104189	SCRAPER, Angle Disc (Welded Assembly) . . . . .	2	
28	103134	EYE BOLT, 5/8" - 11 . . . . .	2	
29		WASHER, 5/8" Flat } Eye Bolt . . . . .	2	
30		NUT, 5/8" - 11 Hex. }		
--	105445	BRACKET, Disc Scraper . . . . .		2
--		BOLT, 5/8" - 11 x 2-1/8" Hex. Hd. } Scraper Bracket to Box . . . . .	2	
--		LOCKWASHER, 5/8" } NUT, 5/8" - 11 Hex. }		
--	105443	BRACKET, Mounting . . . . .	2	
--		SET SCREW, 1/2" - 13 x 1-1/4" . . . . .	2	
--	105444	SOCKET, Eyebolt. . . . .	2	
--	105446	SCRAPER, Angle Disc (Welded Assembly) . . . . .	2	
--	105440	EYEBOLT, 3/4" - 10 . . . . .	2	
--		LOCKWASHER, 3/4" } Eye Bolt . . . . .	2	
--		NUT, 3/4" - 10 Hex. }		

# DEARBORN DISC *Plow*

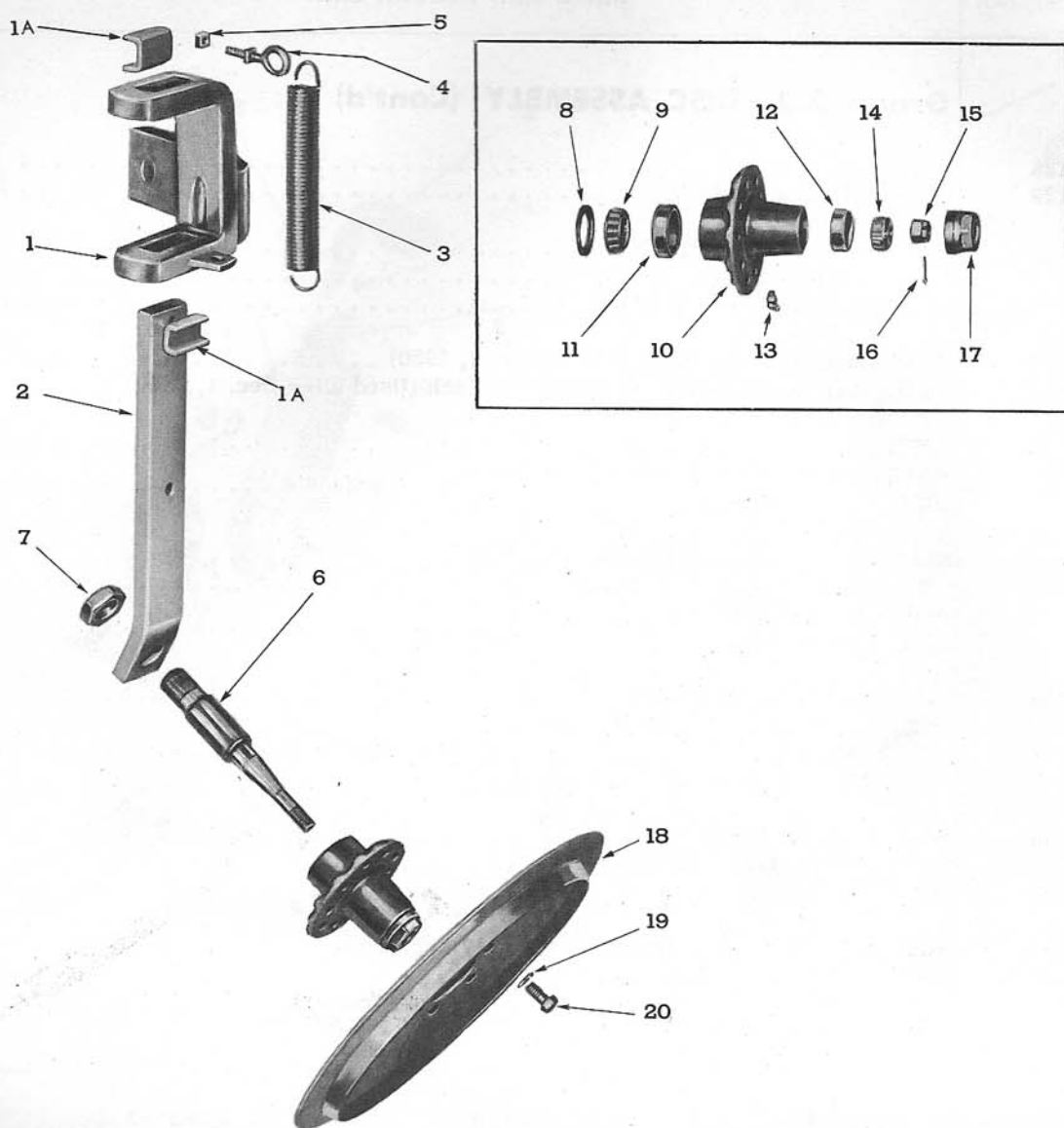


Figure 26 - Tail Wheel Assembly

FIG. 26	PART NO.	NAME AND DESCRIPTION	QTY. REQ.
<b>Group 2-3—TAIL WHEEL ASSEMBLY, For Models 10-80 and 10-202</b>			
1	105640	BRACKET, Tail Wheel Carrier .....	1
1A	105430	SPACER.....	2
2	104183	BAR, Tail Wheel Slide .....	1
3	103138	SPRING, Tail Wheel Adjusting .....	1
4	105415	EYE BOLT, 3/8" - 16 } Spring to Slide Bar .....	1
5		NUT, 3/8" - 16 Sq. }	
6	104182	SPINDLE, Tail Wheel.....	1
7		NUT, 1-1/2" - 12 Hex. Jam - Tail Wheel Spindle.....	1
8	103155	RETAINER, Grease .....	1
9	B-1201	CONE, Bearing, Inner .....	1

# DEARBORN DISC *Plow*

FIG. 26	PART NO.	NAME AND DESCRIPTION	QTY. REQ.
<b>Group 2-3—TAIL WHEEL ASSEMBLY (Cont'd)</b>			
10	103153	HUB ASSEMBLY, Tail Wheel . . . . . Consists of Hub which is not serviced separately plus items listed below:	1
11	B-1202	CUP, Bearing, Inner . . . . .	1
12	103157	CUP, Bearing, Outer . . . . .	1
13		FITTING, Lube, 1/8" - 27 x 67 <sup>0</sup> . . . . .	1
14	B-1216	CONE, Bearing, Outer . . . . .	1
15		NUT, 3/4" - 16 Hex. Slotted } Spindle . . . . .	1
16		COTTER PIN, 1/8" x 1" } . . . . .	
17	103156	CAP, Tail Wheel Hub . . . . .	1
18	103143	WHEEL, Tail (Furrow Wheel) . . . . .	1
19		BOLT, 1/2" - 20 x 1" Hex.Hd. } Tail Wheel to Hub . . . . .	5
20		LOCKWASHER, 1/2" } . . . . .	

**Group 3—TAYLOR DISC TILLER, Model 10-64**

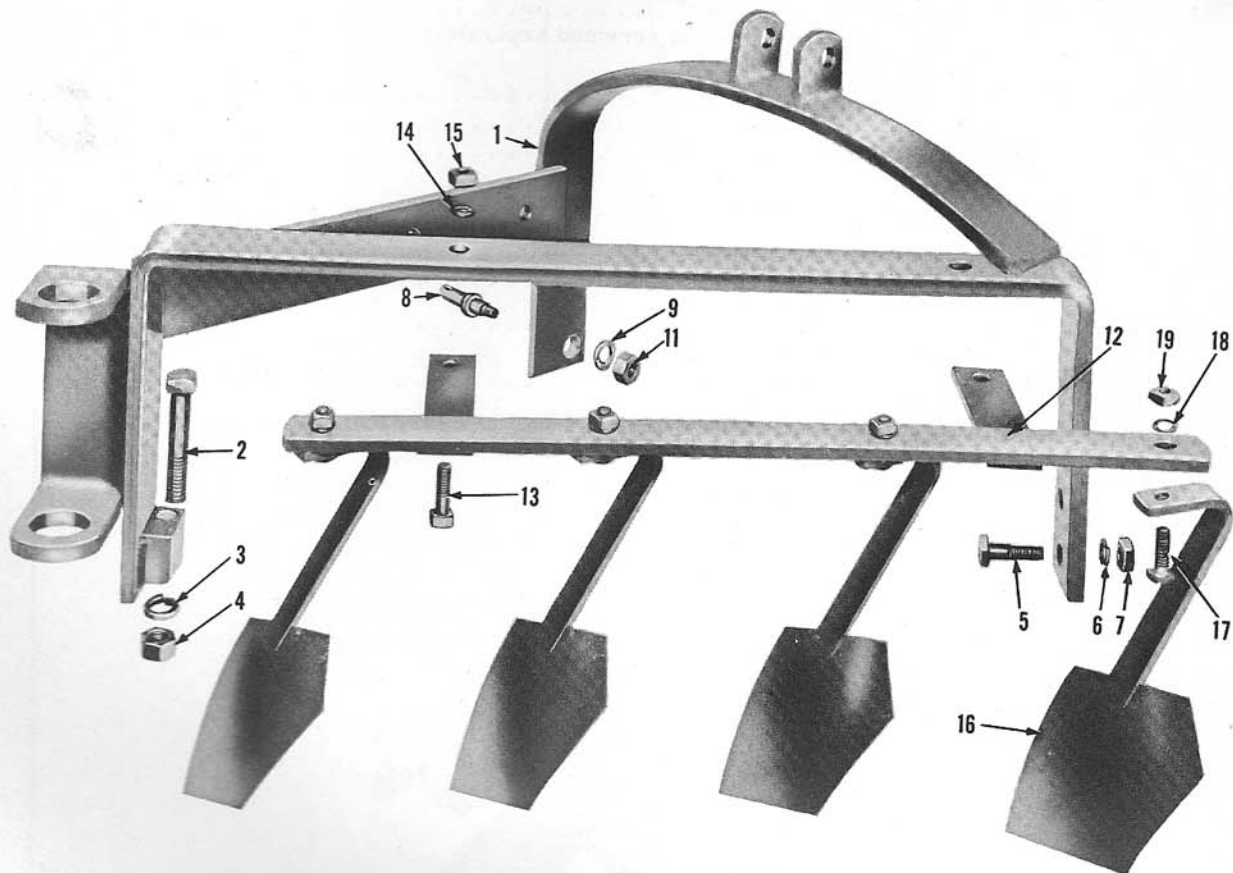


Figure 27 - Frame Assembly

FIG. 27	PART NO.	NAME AND DESCRIPTION	QTY. REQ.
		<b>Group 3-1—FRAME ASSEMBLY</b>	
1		FRAME, Main (Welded Assembly) . . . . .	1
2		BOLT, 7/8" - 9 x 5" Sq. Hd. } Gang Bolt to Frame . . . . .	1
3		LOCKWASHER, 7/8" } . . . . .	
4		NUT, 7/8" - 9 Hex. } . . . . .	1
-		HANGER, Gang (See Figure 28) . . . . .	1
5		BOLT, 5/8" - 11 x 2-1/4" Sq. Hd. } Hanger to Frame . . . . .	2
6		LOCKWASHER, 5/8" } . . . . .	
7		NUT, 5/8" - 11 Sq. } . . . . .	
8	103880	PIN, Link, Tractor Hitch . . . . .	1
9		LOCKWASHER, 5/8" } Link Pin . . . . .	1
11		NUT, 5/8" - 18 Hex. } . . . . .	1
12	105355	BRACKET, Scraper (Welded Assembly) . . . . .	1
13		BOLT, 5/8" - 11 x 2" Sq. Hd. } Bracket to Main Frame . . . . .	2
14		LOCKWASHER, 5/8" } . . . . .	
15		NUT, 5/8" - 11 Sq. } . . . . .	

FIG. 27	PART NO.	NAME AND DESCRIPTION	QTY. REQ.
<b>Group 3-1—FRAME ASSEMBLY (Cont'd)</b>			
16	105356	SCRAPER, Disc. ....	4
17		BOLT, 1/2" - 13 x 1-1/2" Sq. Hd. }	4
18		LOCKWASHER, 1/2" } Scraper to Bracket .....	
19		NUT, 1/2" - 13 Hex. }	

# TAYLOR DISC Tiller

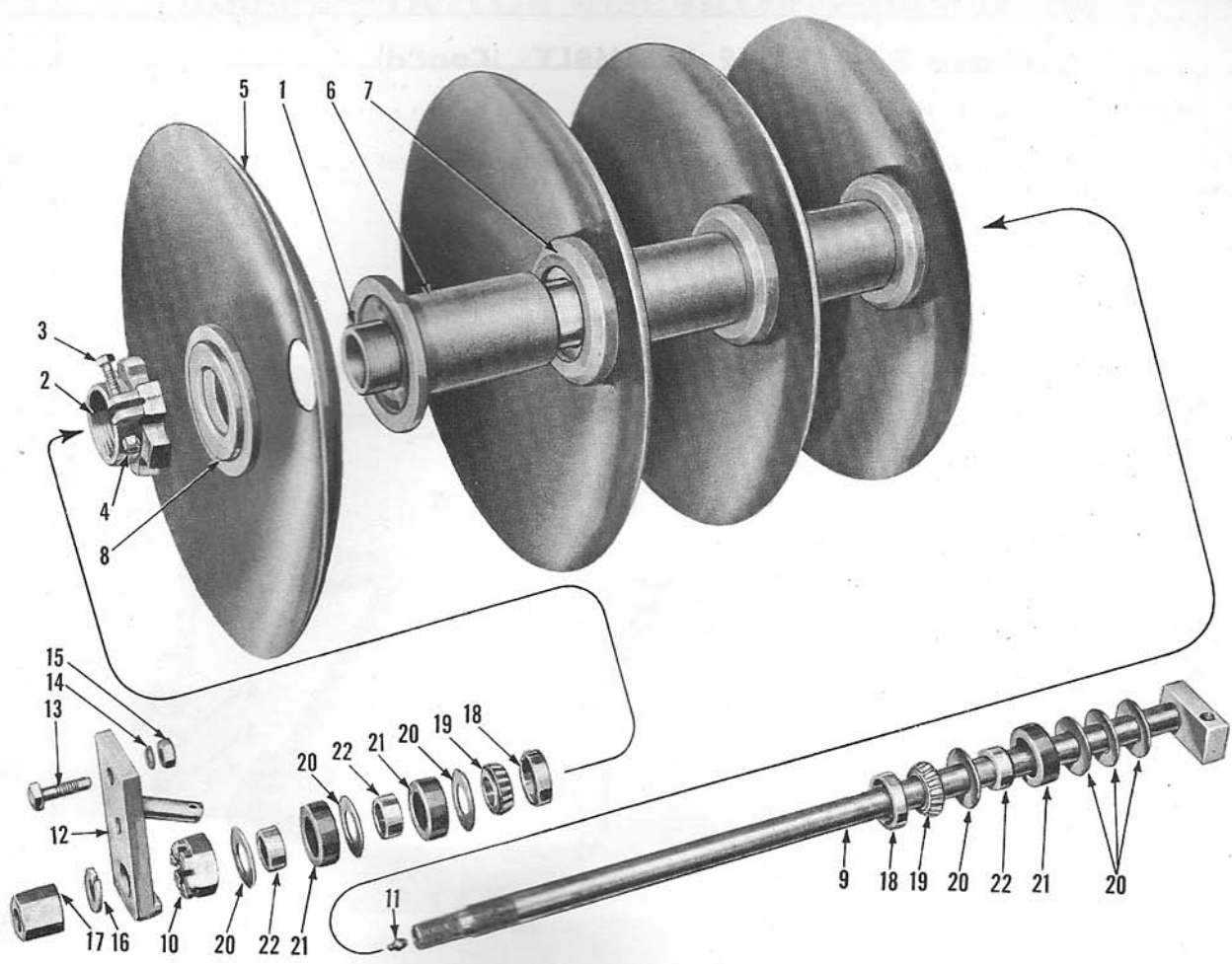


Figure 28 - Disc and Bearing Assembly

FIG. 28	PART NO.	NAME AND DESCRIPTION	QTY. REQ.
<b>Group 3-2—DISC AND BEARING ASSEMBLY</b>			
1	105352	HOUSING, Pipe (Includes Welded Rear End Cap) . . . . .	1
2	105384	NUT, Housing . . . . .	1
3		BOLT, 1/2" - 13 x 1-3/4" Sq. Hd. } Housing Nut	
4		NUT, 1/2" - 13 Hex. } Housing Nut	
5	105380	DISC, Plain, 26" Concave . . . . .	4
6	105381	SPACER, Disc . . . . .	3
7	105382	WASHER, Disc Spacer . . . . .	3
8	105383	WASHER, Disc End . . . . .	1
9	105353	BOLT, Gang (Welded Assembly) . . . . .	1
10	105374	NUT, 1-5/16" - 12 Hex. Slotted } Gang Bolt . . . . .	1
11		FITTING, Lube, 1/8" Straight } Gang Bolt . . . . .	1

FIG. 28	PART NO.	NAME AND DESCRIPTION	QTY. REQ.
<b>Group 3-2—DISC AND BEARING ASSEMBLY (Cont'd)</b>			
12	105337	HANGER, Gang . . . . .	1
13		BOLT, 5/8" - 11 x 2-1/4" Sq. Hd. } Hanger to Frame . . . . .	2
14		LOCKWASHER, 5/8" } Hanger to Frame . . . . .	2
15		NUT, 5/8" - 11 Sq. } Hanger to Frame . . . . .	2
16		LOCKWASHER, 1-1/8" } Hanger to Gang Bolt . . . . .	1
17	105385	NUT, 1-1/8" - 7 Hex. } Hanger to Gang Bolt . . . . .	1
18	9N-744	CUP, Bearing (#14276) . . . . .	2
19	105379	BEARING, Roller (#14131) . . . . .	2
20	105378	WASHER, Retainer. . . . .	7
21	105376	SEAL, Oil (Felt) . . . . .	3
22	105377	SPACER, Oil Seal . . . . .	3



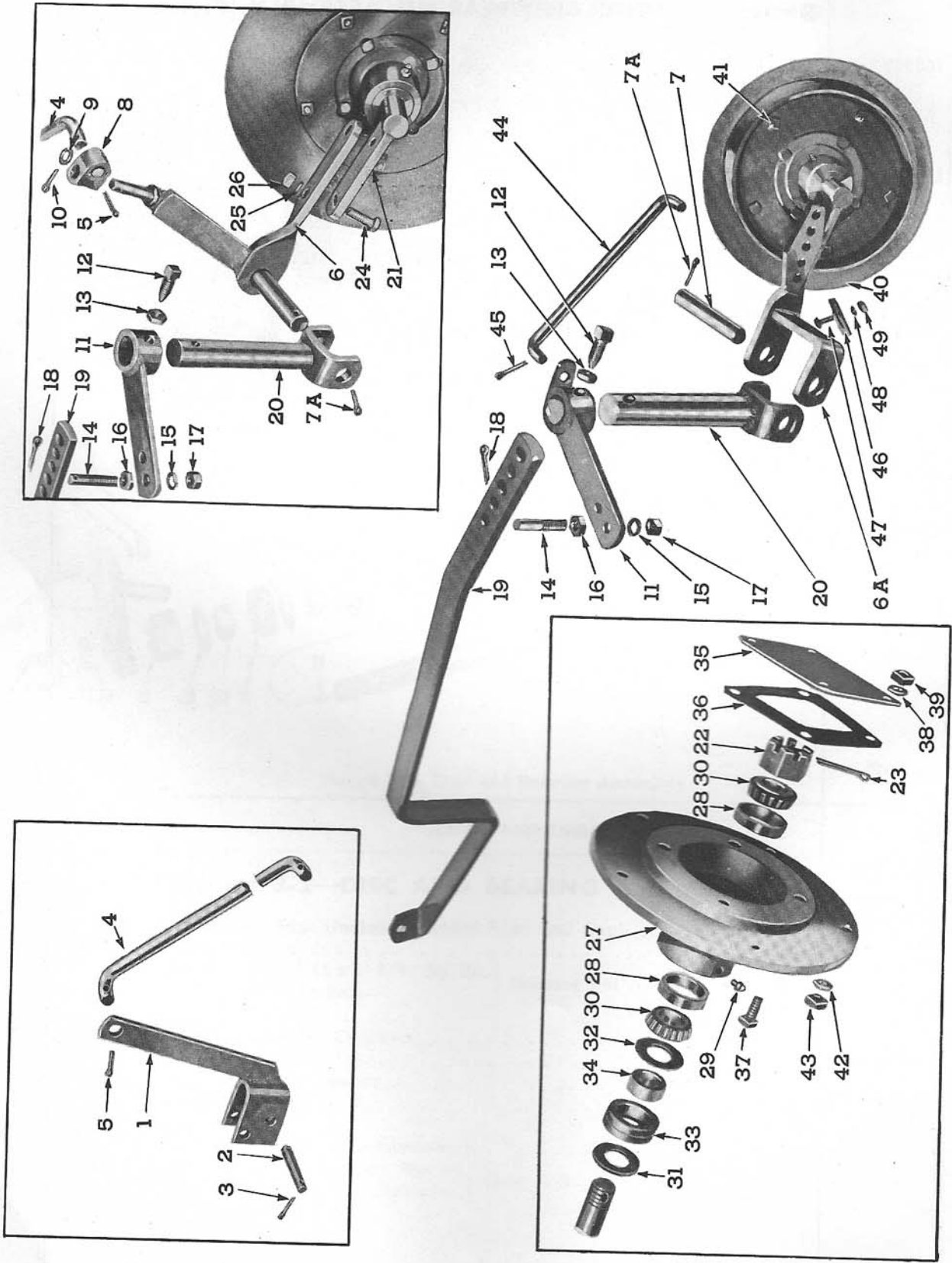


Figure 29 - Furrow Wheel and Controls

FIG. 29	PART NO.	NAME AND DESCRIPTION	QTY. REQ.
<b>Group 3-3—FURROW WHEEL AND CONTROLS</b>			
		Prior to Serial #811	x
		After Serial #810	x
1	105338	ARM, Control (Welded Assembly)	1
2	105340	PIN, Hinge, Control Arm	1
3		COTTER PIN, 5/16" x 1-1/2" - Hinge Pin	2
4	105341	BAR, Control	1
5		COTTER PIN, 5/16" x 1-1/2" - Bar to Control Arm to Block	2
6	105347	HINGE, Furrow Wheel (Welded Assembly)	1
6A	105426	HINGE, Furrow Wheel, w/Axle (Welded Assembly)	1
7	105422	PIN, Hinge	1
7A		COTTER PIN, 7/16" x 2" } Furrow Wheel Hinge	1
8	105342	BLOCK, Swivel	1
9	105368	WASHER,	
10		COTTER PIN, 7/16" x 2" } Block to Hinge	1
11	105589	ARM, Draft Bar (Welded Assembly)	1
12	105370	SET SCREW, 7/8" - 9 Sq. Hd. Cone Pt.	1
13		NUT, 7/8" - 9 Hex. Jam } Arm	1
14	105369	PIN, Link, Draft Bar Arm	1
15		LOCKWASHER, 7/8"	
16		NUT, 7/8" - 9 Hex. Jam } Link Pin	1
17		NUT, 7/8" - 9 Hex.	
18		COTTER PIN, 7/16" x 2"	1
19	105343	BAR, Draft	1
20	105346	YOKE, Furrow Wheel Hinge (Welded Assembly)	1
21	105350	AXLE, Furrow Wheel (Welded Assembly)	1
22	105374	NUT, 1-5/16" - 12 Hex. Slotted	
23		COTTER PIN, 1/4" x 2" } Furrow Wheel Axle	1
24		BOLT, 5/8" - 11 x 2" Sq. Hd.	
25		LOCKWASHER, 5/8"	
26		NUT, 5/8" - 11 Sq.	2
27	105371	HUB ASSEMBLY, Furrow Wheel	1
Consists of Hub which is not serviced separately plus Cup listed below:			
28	9N-744	CUP, Bearing (#14276)	2
29		FITTING, Lube, 1/8" Straight	1
30	105379	BEARING, Roller (#14131)	2
31	105375	WASHER, Retainer (Heavy)	1
32	105378	WASHER, Retainer	1
33	105376	SEAL, Oil (Felt)	1
34	105377	SPACER, Oil Seal	1
35	105372	PLATE, Grease Retainer	1
36	105373	GASKET, Retainer Plate (Felt)	1
37		BOLT, 1/2" - 13 x 1-1/4" Sq. Hd.	
38		LOCKWASHER, 1/2"	
39		NUT, 1/2" - 13 Sq.	4
40	105407	WHEEL, Furrow	1
41		BOLT, 1/2" - 13 x 1-1/2" Sq. Hd.	
42		LOCKWASHER, 1/2"	
43		NUT, 1/2" - 13 Hex.	5
44	105403	ROD, Depth, Adjusting	1
45		COTTER PIN, 3/16" x 3/4" - Rod	2
46	105406	SCRAPER, Furrow Wheel	1
47		BOLT, 1/2" - 13 x 1-1/4" Sq. Hd.	
48		LOCKWASHER, 1/2"	
49		NUT, 1/2" - 13 Hex.	1

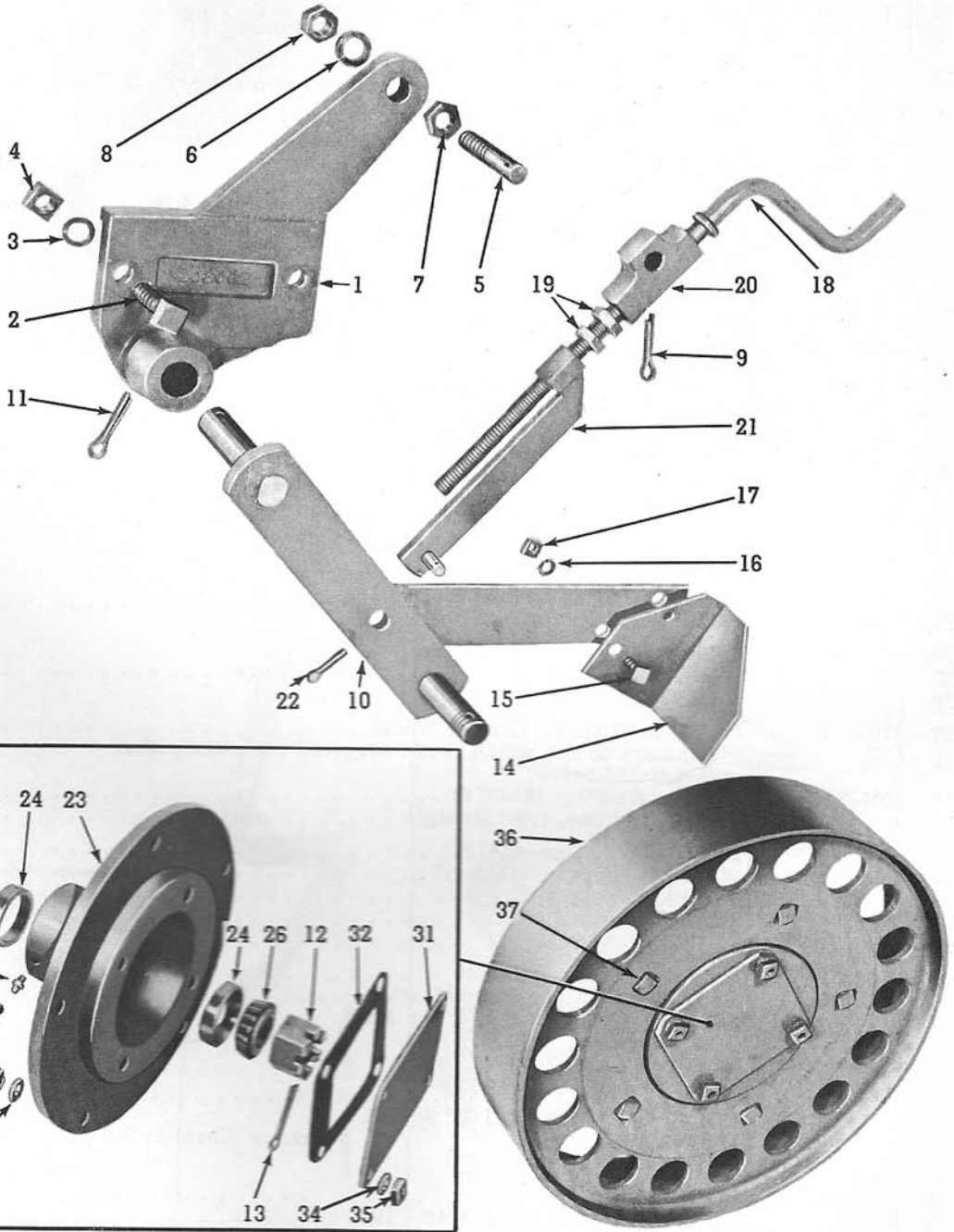


Figure 30 - Land Wheel Assembly (Prior Model)

# TAYLOR DISC *Tiller*

FIG. 30	PART NO.	NAME AND DESCRIPTION	QTY. REQ.
<b>Group 3-4—LAND WHEEL ASSEMBLY, Model 10-66 (Prior Model)</b>			
1	105357	BRACKET, Land Wheel. . . . .	1
2		BOLT, 3/4" - 10 x 2-2/4" Sq. Hd. } Bracket to Frame . . . . .	2
3		LOCKWASHER, 3/4" }	
4		NUT, 3/4" - 10 Hex. }	
5	105360	PIN, Link. . . . .	
6		LOCKWASHER, 7/8" } Link Pin . . . . .	1
7		NUT, 7/8" - 9 Hex. Jam }	
8		NUT, 7/8" - 9 Hex. }	
9		COTTER PIN, 7/16" x 2" }	
10	105358	SUPPORT, Land Wheel (Welded Assembly). . . . .	1
11		COTTER PIN, 7/16" x 2" - Support to Bracket. . . . .	1
12	105374	NUT, 1-5/16" - 12 Hex. Slotted } Support Shaft . . . . .	1
13		COTTER PIN, 1/4" x 2" }	
14	105363	SCRAPER, Land Wheel. . . . .	1
15		BOLT, 1/2" - 13 x 1-1/2" Sq. Hd. } Scraper to Support . . . . .	2
16		LOCKWASHER, 1/2" }	
17		NUT, 1/2" - 13 Hex. }	
18	105359	CRANK, Land Wheel (Welded Assembly) . . . . .	1
19		NUT, 7/8" - 9 Hex. Jam - Crank . . . . .	2
20	105362	SWIVEL, Crank. . . . .	1
21	105361	BRACKET, Adjusting, Crank . . . . .	1
22		COTTER PIN, 5/16" x 1-1/2" - Bracket to Support. . . . .	1
23	105371	HUB ASSEMBLY, Land Wheel . . . . . Consists of Hub which is not serviced separately plus Cups listed below:	1
24	9N-744	CUP, Bearing (#14276) . . . . .	2
25		FITTING, Lube, 1/8" Straight . . . . .	1
26	105379	BEARING, Roller (#14131). . . . .	2
27	105375	WASHER, Retainer (Heavy). . . . .	1
28	105378	WASHER, Retainer . . . . .	1
29	105376	SEAL, Oil (Felt) . . . . .	1
30	105377	SPACER, Oil Seal . . . . .	1
31	105372	PLATE, Grease Retainer . . . . .	1
32	105373	GASKET, Retainer Plate . . . . .	1
33		BOLT, 1/2" - 13 x 1-1/4" Sq. Hd. } Retainer Plate to Hub . . . . .	4
34		LOCKWASHER, 1/2" }	
35		NUT, 1/2" - 13 Sq. }	
36	105365	WHEEL, Land. . . . .	1
37		BOLT, 1/2" - 13 x 1-1/2" Sq. Hd. } Land Wheel to Hub . . . . .	5
38		LOCKWASHER, 1/2" }	
39		NUT, 1/2" - 13 Hex. }	

# DEARBORN ONE WAY *Plow*

## Group 4—DEARBORN ONE WAY PLOW, Model 10-200

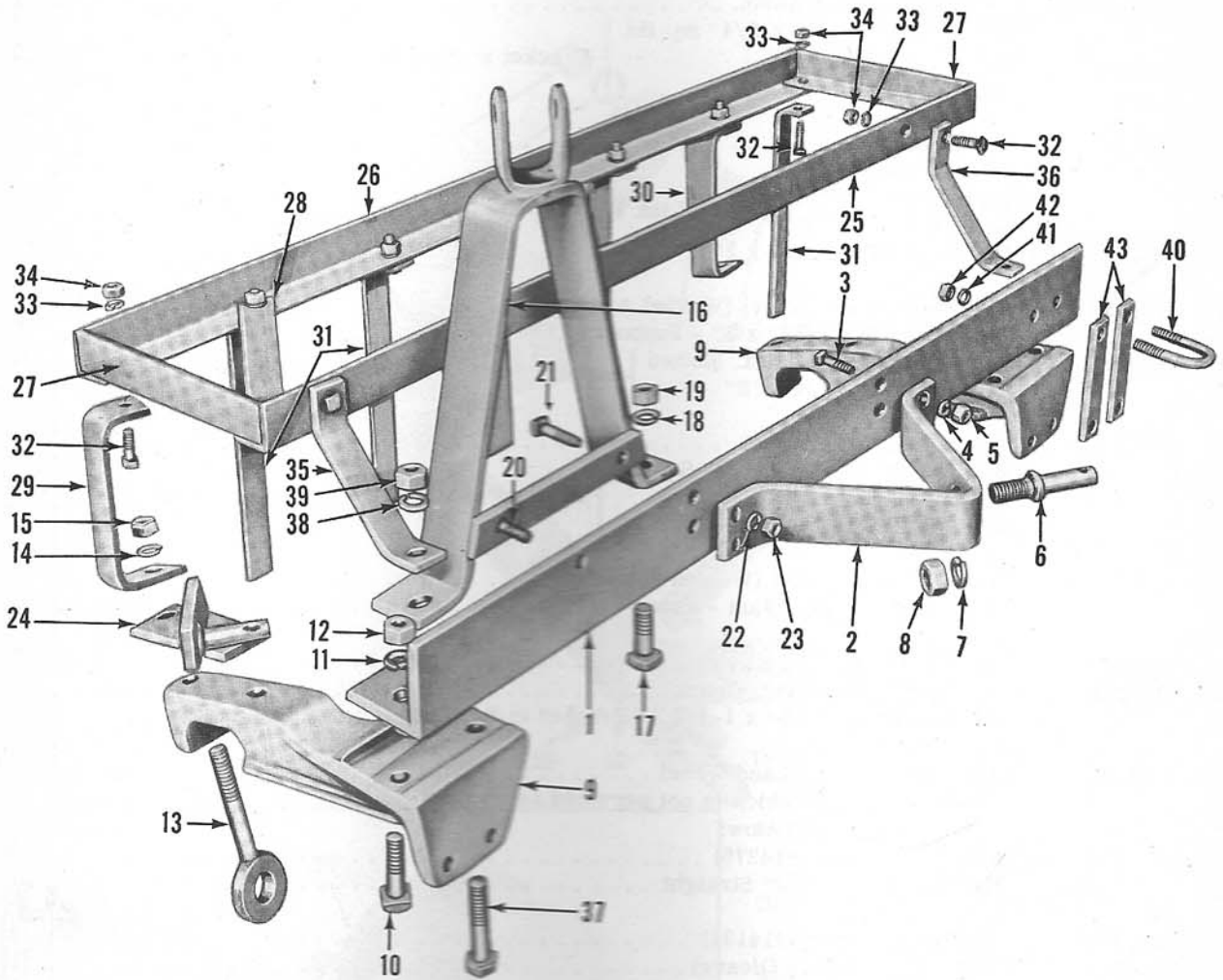


Figure 31 - Frame Assembly

FIG. 31	PART NO.	NAME AND DESCRIPTION	QTY. REQ.
<b>Group 4-1—FRAME ASSEMBLY</b>			
1	105529	BAR, Frame.....	1
2	105530	SUPPORT, Pin, Left.....	1
3		BOLT, 1/2" - 13 x 1-3/4" Hex. Hd. } Pin Support to Frame Bar.....	3
4		LOCKWASHER, 1/2" Med. }	
5		NUT, 1/2" - 13 Hex. }	
6	105531	PIN, Link, Tractor Hitch, Left.....	1
7		LOCKWASHER, 7/8" Med. } Link Pin.....	1
8		NUT, 7/8" - 9 Hex. }	

# DEARBORN ONE WAY *Plow*

FIG. 31	PART NO.	NAME AND DESCRIPTION	QTY. REQ.
<b>Group 4-1—FRAME ASSEMBLY (Cont'd)</b>			
9	105534	HANGER, Bearing . . . . .	2
10		BOLT, 3/4" - 10 x 2-1/2" Sq. Hd. } . . . . .	3
11		LOCKWASHER, 3/4" Med. } Bearing Hanger to Frame Bar . . . . .	
12		NUT, 3/4" - 10 Hex. } . . . . .	
13	105535	EYE-BOLT, 3/4" - 10 } . . . . .	
14		LOCKWASHER, 3/4" Med. } Bearing Hanger to Bearing Housing . . . . .	
15		NUT, 3/4" - 10 Hex. } . . . . .	
16	105536	FRAME, "A" (Welded Assembly) } . . . . .	1
17		BOLT, 3/4" - 16 x 2" Hex. Hd. } "A" Frame to Frame Bar . . . . .	1
18		LOCKWASHER, 3/4" Med. } . . . . .	
19		NUT, 3/4" - 16 Hex. } . . . . .	
20		BOLT, 1/2" - 13 x 1-3/4" Hex. Hd. } "A" Frame Brace to Frame Bar . . . . .	
--		LOCKWASHER, 1/2" Med. } . . . . .	
--		NUT, 1/2" - 13 Hex. } . . . . .	
21		BOLT, 1/2" - 20 x 2-1/4" Hex. Hd. } "A" Frame Brace to Frame	1
22		LOCKWASHER, 1/2" Med. } Bar to Link Pin Support . . . . .	
23		NUT, 1/2" - 20 Hex. } . . . . .	
24	105540	PIN, Hitch, Right (Welded Assembly) . . . . .	1
25	105575	STRUT, Weight Box, Front . . . . .	1
26	105573	STRUT, Weight Box, Rear . . . . .	1
27	105574	STRUT, Weight Box, End . . . . .	2
28	105576	BRACE, Weight Box, Corner . . . . .	1
29	105577	BRACKET, Weight Box, Rear, R.H. . . . .	1
30	105578	BRACKET, Weight Box, Rear, L.H. . . . .	1
31	105579	GUARD, Trash . . . . .	5
32		BOLT, 1/2" - 20 x 1-1/4" Hex. Hd. } Trash Guards, Brackets	11
33		LOCKWASHER, 1/2" Med. } and Weight Box. . . . .	
34		NUT, 1/2" - 20 Hex. } . . . . .	
35	105532	BRACKET, Weight Box, Front, R.H. . . . .	1
36	105533	BRACKET, Weight Box, Front, L.H. . . . .	1
37		BOLT, 3/4" - 10 x 3-1/2" Hex. Hd. } R.H. Bracket to Frame	1
38		LOCKWASHER, 3/4" Med. } Bar to Hanger . . . . .	
39		NUT, 3/4" - 10 Hex. } . . . . .	
40	105545	U-BOLT, 5/8" - 11 } Counter Axle to Frame Bar . . . . .	4
41		LOCKWASHER, 5/8" Med. } . . . . .	4
42		NUT, 5/8" - 11 Hex. } . . . . .	4
43	105546	SPACER, Coulter Axle . . . . .	2
--	105583	ARM, Stabilizer, Right . . . . .	1

# DEARBORN ONE WAY *Plow*

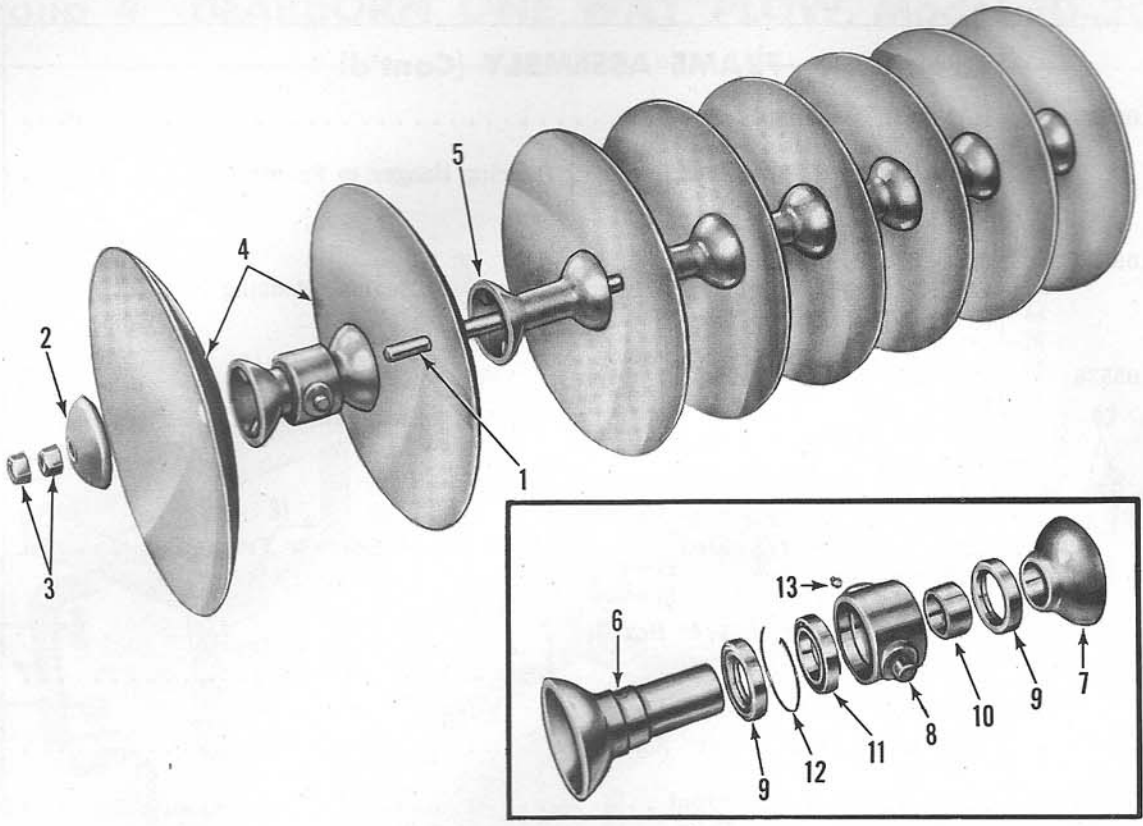


Figure 32 - Disc and Gang Assembly

FIG. 32	PART NO.	NAME AND DESCRIPTION	QTY. REQ.	
<b>Group 4-2—DISC AND GANG ASSEMBLY</b>				
		Plow with Square Gang Bolt . . . . .	x	
		Plow with Round Gang Bolt . . . . .		x
1	105562	BOLT, Gang, 1" - 8 x 63" . . . . .	1	
1	105594	BOLT, Gang, 1-1/8" - 7 x 63-1/2" . . . . .		1
2	105561	WASHER, End. . . . .	2	
2	105393	WASHER, End. . . . .		2
3		NUT, 1" - 8 Hex. . . . .	4	
3		NUT, 1-1/8" - 7 Hex. . . . .		4
4	105563	DISC, 22", Plain . . . . .	8	8
5	105581	SPACER, Disc . . . . .	5	
5	105595	SPACER, Disc . . . . .		5
6	105565	SPOOL, Bearing . . . . .	2	
6	105597	SPOOL, Bearing . . . . .		2
7	105566	WASHER, Bearing . . . . .	2	2
8	105570	HOUSING, Bearing. . . . .	2	2
9	105567	SEAL, Grease. . . . .	4	4
10	105568	SLEEVE, Bearing Retainer . . . . .	2	2
11	105569	BEARING . . . . .	2	2
12	105571	RING, Snap, Bearing. . . . .	2	2
13		FITTING, Lube, 1/8" - 27 x 3/4" Str. . . . .	2	2

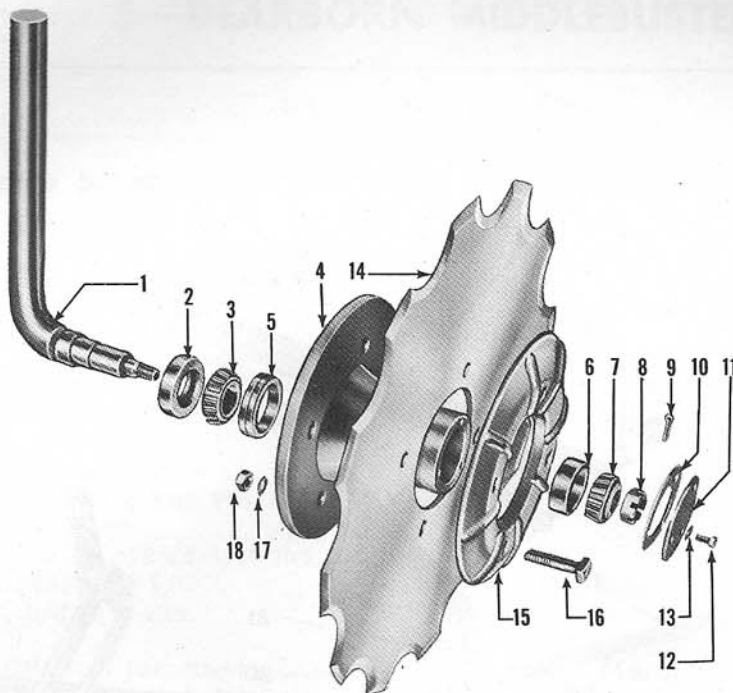


Figure 33 - Coulters Assembly

FIG. 33	PART NO.	NAME AND DESCRIPTION	QTY. REQ.
		<b>Group 4-3—COULTERS ASSEMBLY</b>	
1	105547	AXLE, Coulters .....	1
2	105548	SEAL, Grease .....	1
3	B-1201	CONE, Bearing, Inner .....	1
4	105555	HUB ASSEMBLY, Coulters .....	1
		Consists of Hub which is not serviced separately plus items listed below;	
5	B-1202	CUP, Bearing, Inner .....	1
6	103157	CUP, Bearing, Outer .....	1
-		FITTING, Lube, 1/8" - 27 x 3/4" Str. - Hub .....	1
7	B-1216	CONE, Bearing, Outer .....	1
8		NUT, 5/8" - 11 Sl. Hex. } Bearing to Axle .....	1
9		COTTER PIN, 1/8" x 1-1/4" }	
10	105556	GASKET, Coulters Hub .....	1
11	105557	CAP, Coulters Hub .....	1
12		SCREW, 1/4" - 20 x 1/2" Hex. Hd. } Hub Cap to Hub .....	3
13		LOCKWASHER, 1/4" Med. }	
14	105558	DISC, Coulters, 18" Notched .....	1
15	105559	FLANGE, Coulters Hub .....	1
16		BOLT, 1/2" - 20 x 2-1/4" Hex. Hd. } Back-Up Ring to Hub .....	4
17		LOCKWASHER, 1/2" Med. }	
18		NUT, 1/2" - 20 }	



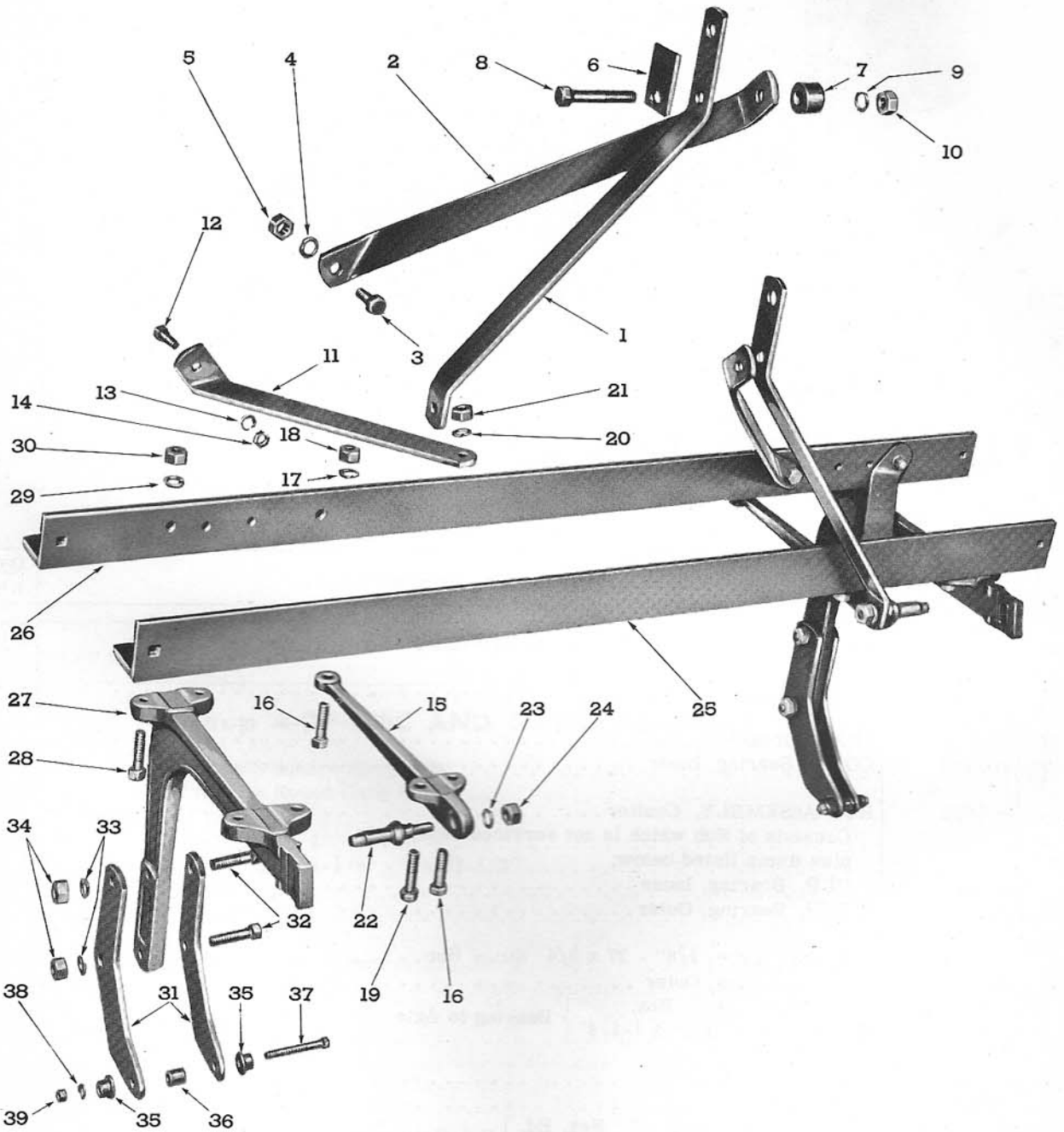


Figure 34 - Frame Assembly

**Group 5—DEARBORN MIDDLEBUSTER**

FIG. 34	PART NO.	NAME AND DESCRIPTION	QT RE
		<b>Group 5-1—FRAME ASSEMBLY</b>	
		Models 10-28 FRAME ASSEMBLY	10-28
		10-190 FRAME ASSEMBLY	
1	131115	STRUT, Front . . . . .	2
2	103513	STRUT, Rear, Right. . . . .	1
-	103514	STRUT, Rear, Left . . . . .	1
3		BOLT, 5/8" - 18 x 1-11/16" Hex. Hd. } Strut to Rear Bar . . . . .	2
4		LOCKWASHER, 5/8" }	
5		NUT, 5/8" - 18 Hex. }	
6	131118	LOCATOR, Top Link Pin . . . . .	1
7	131008	SPACER, Strut . . . . .	1
8		BOLT, 5/8" - 18 x 3-1/2" Hex. Hd. } Locator to Strut to Spacer . . . . .	1
9		LOCKWASHER, 5/8" }	
10		NUT, 5/8" - 18 Hex. }	
11	103495	BRACE, Tool Bar, Right. . . . .	1
--	103496	BRACE, Tool Bar, Left . . . . .	1
12		BOLT, 1/2" - 20 x 1-1/2" Hex. Hd. } Brace to Rear Bar . . . . .	2
13		LOCKWASHER, 1/2" }	
14		NUT, 1/2" - 20 Hex. }	
15	103494	BRACKET, Link Pin and Front Strut. . . . .	2
16		BOLT, 5/8" - 18 x 2" Hex. Hd. } Bracket to Bar . . . . .	4
17		LOCKWASHER, 5/8" }	
18		NUT, 5/8" - 18 Hex. }	
19		BOLT, 5/8" - 18 x 2-3/8" Hex. Hd. } Bracket to Bar to Brace. . . . .	2
20		LOCKWASHER, 5/8" }	
21		NUT, 5/8" - 18 Hex. }	
22	103497	PIN, Link. . . . .	2
23		LOCKWASHER, 5/8" } Link Pin to Bracket . . . . .	2
24		NUT, 5/8" - 18 }	
25	103492	BAR, Tool, Front. . . . .	1
26	103493	BAR, Tool, Rear . . . . .	1
27	103499	BEAM . . . . .	2
28		BOLT, 5/8" - 18 x 2-1/4" Hex. Hd. } Beam to Bar . . . . .	8
29		LOCKWASHER, 5/8" }	
30		NUT, 5/8" - 18 Hex. }	
31	103500	FOOT, Beam . . . . .	4
32		BOLT, 5/8" - 18 x 2-1/2" Hex. Hd. } Foot to Beam . . . . .	4
33		LOCKWASHER, 5/8" }	
34		NUT, 5/8" - 18 Hex. }	
35	103501	COLLAR, Foot . . . . .	4
36	103502	SPACER, Foot . . . . .	2
37		BOLT, 7/16" - 20 x 3-7/16" Hex. Hd. } Collar and Spacer to Foot . . . . .	2
38		LOCKWASHER, 7/16" }	
39		NUT, 7/16" - 20 Hex. }	

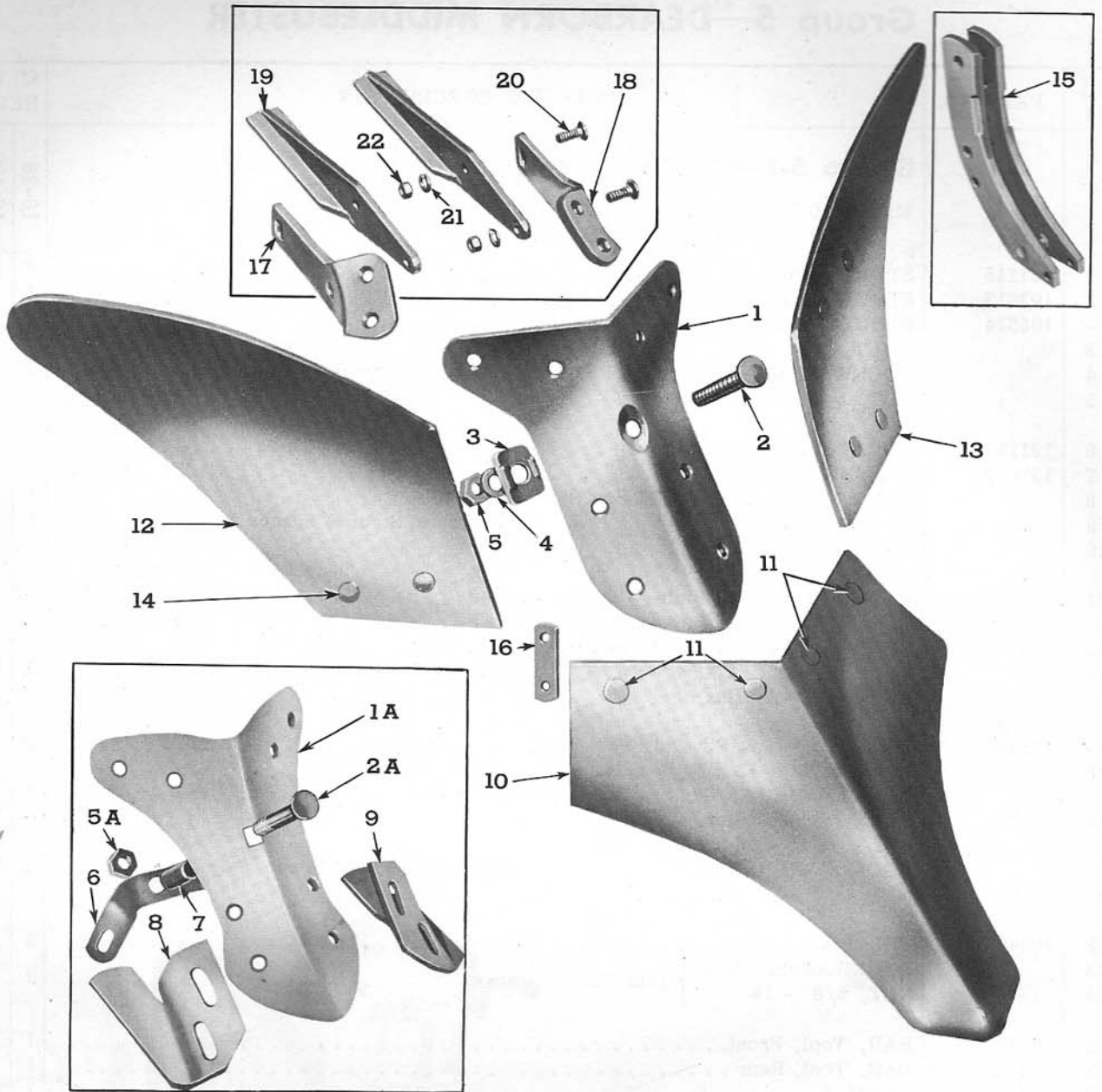


Figure 35 - Bottom Assembly

FIG. 35	PART NO.	NAME AND DESCRIPTION	QTY. REQ.		
<b>Group 5-2—BOTTOM ASSEMBLY</b>					
		Models 10-29 Bottom Assembly, 14" .....	2		
		10-201 Bottom Assembly, 12" .....		2	
		10-191 Bottom Assembly, 12" (Prior Model).....			2

# DEARBORN *Middlebuster*

FIG. 35	PART NO.	NAME AND DESCRIPTION	QTY. REQ.		
			10-29	10-201	10-191
<b>Group 5-2—BOTTOM ASSEMBLY (Cont'd)</b>					
1	103504	FROG.....	2	2	
1A	105179	FROG.....			2
2		BOLT, 5/8" - 18 x 5-1/8" Flat Hd. Sq. Nk. }	2	2	
2A		BOLT, 5/8" - 11 x 5" Flat Hd. Sq. Nk. }			2
3		WASHER, 5/8" Flat } Bottom to Beam.....	2	2	
4		LOCKWASHER, 5/8" }	2	2	
5		NUT, 5/8" - 18 Hex. }	2	2	
5A		NUT, 5/8" - 11 Hex. }			2
6	105188	BRACE, Attaching.....			2
7	105180	SPACER, Pipe.....			2
8	105186	RUNNER, R.H. ....			2
9	105187	RUNNER, L.H. ....			2
10	103515	SHARE ASSEMBLY, 14"..... (Marking No. 103506)	2		
10	105451	SHARE ASSEMBLY, 12"..... (Marking No. 105500)		2	
10	127527	SHARE ASSEMBLY, 12"..... (Marking No. LR584)			2
		Consists of Share which is not serviced separately plus items listed below:			
11		BOLT, 7/16" - 20 x 1-1/8" Flat Hd. Sq. Nk. }			
--		NUT, 7/16" - 20 Hex. } Share to Frog and Bracket.....	8	8	8
12	103308	MOLDBOARD ASSEMBLY, RH., 14".....	2		
12	105453	MOLDBOARD ASSEMBLY, RH., 12" (Clipped Trailing Edge).....		2	
12	105181	MOLDBOARD ASSEMBLY, RH., 12" (Clipped Trailing Edge).....			2
13	103307	MOLDBOARD ASSEMBLY, LH., 14".....	2		
13	105454	MOLDBOARD ASSEMBLY, LH., 12" (Clipped Trailing Edge).....		2	
13	105182	MOLDBOARD ASSEMBLY, LH., 12" (Clipped Trailing Edge).....			2
		Consists of Moldboard which is not serviced separately plus items listed below:			
14		BOLT, 7/16" - 20 x 1-1/8" Flat Hd. Sq. Nk. }			
--		NUT, 7/16" - 20 Hex. } Moldboard to Frog and Brkt. ....	16	16	16
15	105175	FOOT, Middlebuster (Riveted Assembly).....			2
16	103517*	BRACKET, Share to Moldboard.....	4	4	
<b>EXTRA EQUIPMENT</b>					
For Models 10-29 and 10-201					
		Model 10-30 Middlebuster Bottom Runner and Bracket Kit.....			2
17	103507	BRACKET, Runner, R.H. ....			2
18	103508	BRACKET, Runner, L.H. ....			2
19	103511	RUNNER.....			4
20		BOLT, 7/16" - 20 x 1-1/4" Carr. }			
21		LOCKWASHER, 7/16" }			
22		NUT, 7/16" - 20 Hex. } Runner to Bracket.....			8
<b>NOTE:</b> *When the Runner and Bracket Kit is used Part No. 103517 Brackets are removed.					

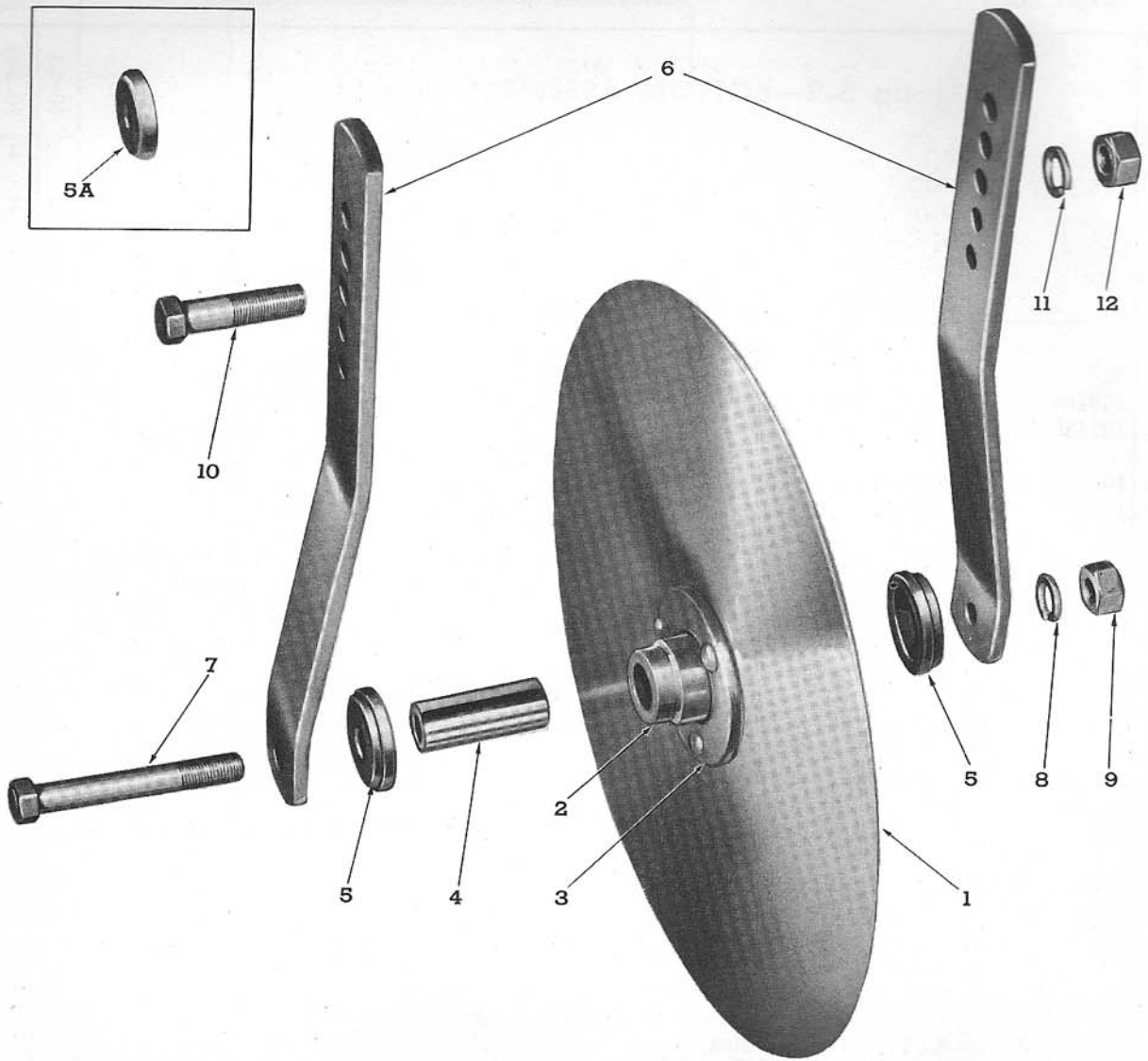


Figure 36 - Coultter Assembly

FIG. 36	PART NO.	NAME AND DESCRIPTION	QTY. REQ.
		<b>Group 5-3—COULTER ASSEMBLY, Model 10-32</b>	
-	103521	DISC, HUB AND SEAL ASSEMBLY . . . . .	2
		Consists of:	
1	103051	DISC, Coultter, 15-1/2" Plain . . . . .	2
2	103050	HUB, Coultter . . . . .	2
3	103520	FLANGE, Coultter Hub . . . . .	2
-		RIVET, 5/16" x 1-3/8" Rd. Hd. - Flange to Disc and Hub . . . . .	6
-		FITTING, Lube - Coultter Hub . . . . .	2
4	132942	SLEEVE, Coultter Hub . . . . .	2
5	131215	SEAL, Dust, Coultter Hub . . . . .	4
5A	131031*	CAP, Dust, Coultter Hub . . . . .	4
6	103519	ARM, Coultter . . . . .	4

# DEARBORN *Middlebuster*

FIG. 36	PART NO.	NAME AND DESCRIPTION	QTY. REQ.
<b>Group 5-3—COULTER ASSEMBLY (Cont'd)</b>			
7		BOLT, 5/8" - 18 x 4-3/4" Hex. Hd. }	
8		LOCKWASHER, 5/8" }	
9		NUT, 5/8" - 18 Hex. }	2
10		BOLT, 5/8" - 18 x 2-1/2" Hex. Hd. }	
11		LOCKWASHER, 5/8" }	
12		NUT, 5/8" - 18 Hex. }	2
NOTE: *The old style Dust Cap, Part No. 131031 has been replaced by a new style Dust Seal, Part No. 131215. This is interchangeable <u>only</u> when the Hub (Item 2) has been replaced. When this change has been made, suggest that the old style Dust Cap no longer be used on this model.			

## Group 6—DEARBORN SUBSOILER

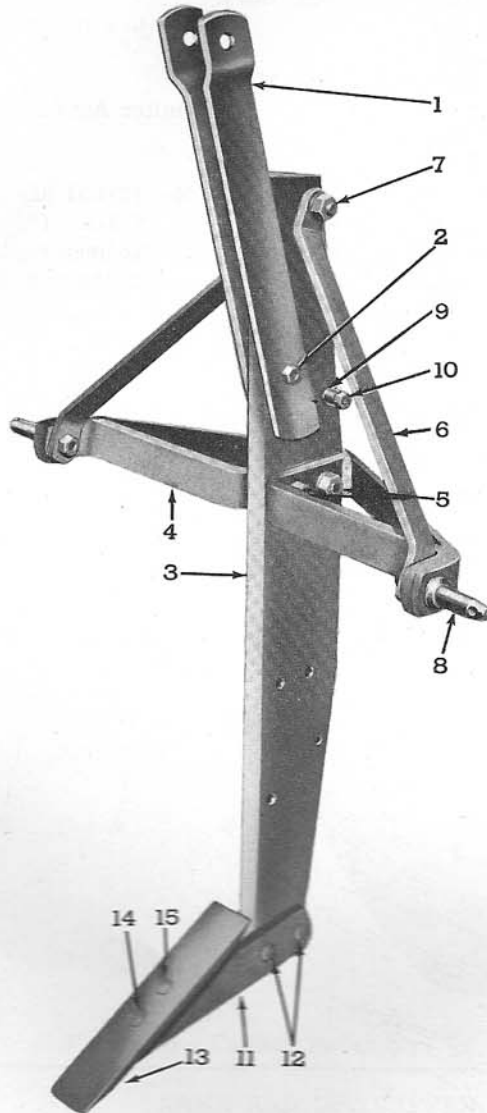


Figure 37 - Subsoiler Assembly

FIG. 37	PART NO.	NAME AND DESCRIPTION	QTY. REQ.
		<b>Group 6—SUBSOILER ASSEMBLY, Model 10-89</b>	
1	103361	BRACKET, Top Link (Welded Assembly) . . . . .	1
2		BOLT, 7/16" - 20 x 2-3/8" Hex. Hd.	
2	103359	BUSHING, Pipe, 3/8" x 11/16" x 13/16"	
-		LOCKWASHER, 7/16"	
-		NUT, 7/16" - 20 Hex.	
		} Bracket to Shank . . . . .	1
3	103358	SHANK, Subsoiler . . . . .	1
4	103351	FRAME, Lift (Welded Assembly) . . . . .	1
5		BOLT, 5/8" - 18 x 2-7/8" Hex. Hd.	
-		LOCKWASHER, 5/8"	
-		NUT, 5/8" - 18 Hex.	
		} Shank to Lift Frame . . . . .	2

# DEARBORN *Subsoiler*

FIG. 37	PART NO.	NAME AND DESCRIPTION	QTY. REQ.
<b>Group 6—SUBSOILER ASSEMBLY (Cont'd)</b>			
6	103360	BRACE, Shank to Frame. . . . .	2
7		BOLT, 5/8" - 18 x 2-1/4" Hex. Hd. . . . .	} Brace to Shank . . . . .
-		LOCKWASHER, 5/8" . . . . .	
-		NUT, 5/8" - 18 Hex. . . . .	
8	103366	PIN, Hitch . . . . .	
8		NUT, 5/8" - 18 Hex. . . . .	} Brace to Lift Frame . . . . .
9	103365	SPACER, 3/8" x 11/16" x 1/2" . . . . .	2
10		BOLT, 7/16" - 20 x 2-1/4" Hex. Hd. . . . .	} Stop for Top Link Bracket. . . . .
--		LOCKWASHER, 7/16" . . . . .	
--		NUT, 7/16" - 20 Hex. . . . .	
11	103354	FOOT, Subsoiler . . . . .	1
12		BOLT, 5/8" - 18 x 2-3/4" Hex. Hd. . . . .	} Foot to Shank . . . . .
--		LOCKWASHER, 5/8" . . . . .	
--		NUT, 5/8" - 18 Hex. . . . .	
13	103357	CHISEL, Subsoiler. . . . .	1
14	104463	BOLT, 7/16" - 20 x 1-3/4" Flat Hd., Sq. Nk. . . . .	} Chisel to Foot . . . . .
--		LOCKWASHER, 7/16" . . . . .	
--		NUT, 7/16" - 20 Hex. . . . .	
15	104464	BOLT, 7/16" - 20 x 2-1/2" Flat Hd., Sq. Nk. . . . .	} Chisel to Foot . . . . .
--		LOCKWASHER, 7/16" . . . . .	
--		NUT, 7/16" - 20 Hex. . . . .	
--	112221	DECAL, 8-5/8" x 1-5/8" (Dearborn Farm Equipment) . . . . .	1



**SHARE REFERENCE LIST**

Size (Inches)	SHARE PART NO.	Type Plow and Bottom												Cartons of Six	STYLE	MATERIAL	ATT. BOLTS INCLUDED	SHARE CUTTING WIDTH	CUTTING OR MARKING NO.		
		Standard						Two-Way				Economy									
		Scotch	Sod or Clay	Chilled	Slat	Gen. Purpose	Stubble	Gen. Purpose, LH	Gen. Purpose, RH	Economy 16", LH	Economy 18", LH	Economy 16", RH	Economy 18", RH							Frame Size	
																				12"	14"
10	100265	⊗													Reg	CS	3	9	101265		
12	100246		⊗												Reg	CAR	2	12	101246		
	100962		x												Reg	CI	2	12	100962		
	104235			⊗											Reg	CI	0	12	104235		
	100967				⊗										Reg	SC	1	12	612-SC		
	105325											x			Short	HT	2	9-1/2	104440		
	104420											⊗			Reg	HT	2	12-1/2	104405		
14	100983			⊗											Reg	SC	1	14	614-SC		
	100485				⊗	⊗									Reg	CAR	3	14	101485		
	105326									x			x		Short	HT	3	11-1/2	104441		
	104421											x	⊗		Reg	HT	3	14-1/2	104410		
	105435							x						x	Short	HT	3	11-1/2	105437		
16	104210					⊗									Alfalfa	SS	3	18	2W-16-A		
	104212						⊗								Alfalfa	SS	3	18	2W-16-LA		
	105327									x	x		x	x	Short	HT	3	13-1/2	104442		
	104422									⊗			x	⊗	Reg	HT	3	16-1/2	104413		
	105066							x	x						Short	HT	3	13-1/2	105076		
	105067							⊗							Reg	HT	3	16-1/2	105075		
18	104423									x	⊗			x	Reg	HT	4	18-1/2	104416		
	105069							x	⊗						Reg	HT	4	18-1/2	105073		
	105328									x				x	Short	HT	4	15-1/2	104443		
	105068													x	Short	HT	4	15-1/2	105074		
20	105047										x			x	Reg	HT	4	20-1/2	105046		
	105434									x				x	Reg	HT	4	20-1/2	105436		

NOTE: When ordering shares give number shown in Part No. column only.

SYMBOLS: ⊗ - Standard      CS - Cast Steel      RH - Right Hand  
 x - Optional      HT - Spec. Heat Treated Steel      SC - Soft Center Steel  
 CAR - Carburized Steel      LH - Left Hand      SS - Solid Steel  
 CI - Chilled Cast Iron      Reg - Regular

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