



Art's-Way Manufacturing Co., Inc.

**Model 7501
Moldboard Plow**

**Illustrated Parts Catalog
520310**

Issued February 2004

ILLUSTRATED PARTS CATALOG



This symbol means ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED. The message that follows the symbol contains important information about your safety. Carefully read the message. Make sure you fully understand the causes of possible injury or death.

IF THIS MACHINE IS USED BY AN EMPLOYEE, IS LOANED, OR IS RENTED, MAKE SURE THAT THE OPERATOR UNDERSTANDS THE TWO INSTRUCTIONS BELOW.

BEFORE THE OPERATOR STARTS THE ENGINE:

1. GIVE INSTRUCTIONS TO THE OPERATOR ON SAFE AND CORRECT USE OF THE MACHINE.
2. MAKE SURE THE OPERATOR READS AND UNDERSTANDS THE OPERATOR'S MANUAL FOR THIS MACHINE.

WARNING

IMPROPER OPERATION OF THIS MACHINE CAN CAUSE INJURY OR DEATH.

BEFORE STARTING THE ENGINE, DO THE FOLLOWING:

1. READ THE OPERATOR'S MANUAL.
2. READ ALL SAFETY DECALS ON THE MACHINE.
3. CLEAR THE AREA OF OTHER PERSONS.

LEARN AND PRACTICE SAFE USE OF MACHINE CONTROLS IN A SAFE AND CLEAR AREA BEFORE YOU OPERATE THIS MACHINE ON A JOB SITE.

It is your responsibility to observe pertinent laws and regulations and to follow manufacturer's instructions on machine operation and maintenance.

See your Authorized Art's-Way Manufacturing Co., Inc. dealer or Art's-Way Manufacturing Co., Inc. for additional operator's manuals, illustrated parts catalogs, and service manuals.

TO THE OWNER

Congratulations on the purchase of your new Art's-Way 7501 Moldboard Plow. You have selected a top quality machine that is designed and built with pride to ensure you have many years of efficient and reliable service.

Many people have worked on the design, production, and delivery of this harvester. The information in this Manual is based on the knowledge, study, and experience through years of specializing in the manufacturing of farm machinery. This Manual is designed to provide you with important information regarding safety, maintenance, and machine operation so you can and will get the best possible performance from your 7501 Moldboard Plow.

Even if you are an experienced operator of this or similar equipment, we ask that you read this manual before operating this harvester. The way you operate, adjust, and maintain this unit will have much to do with its successful performance. Any further questions you may have about this product of Art's-Way equipment should be directed to your local Art's-Way dealer or to Art's-Way Manufacturing Co., Inc., Armstrong, Iowa, 50514, (712) 864-3131.

Specification And Design Are Subject To Change Without Notice

Art's-Way Manufacturing Co., Inc. is continually making product improvements. In doing so, we reserve the right to make changes and/or add improvements to our products without obligation for the equipment previously sold. Modifications to this 7501 Moldboard Plow may effect the performance, function, and safety of its operation. Therefore, no modification are to be made without the written permission of Art's-Way Manufacturing Co., Inc. Any modification made without the written permission of Art's-Way Mfg. Co. shall void the warranty of this product. In the interest of continued safe operation of this 7501 Moldboard Plow, pay particular attention to the safety alert symbol(s) throughout this Manual.

Art's-Way Manufacturing Co., Inc. Statement Of Product Liability

Art's-Way Manufacturing Co., Inc. recognizes its responsibility to provide customers with a safe and efficient product. Art's-Way Manufacturing Co., attempts to design and manufacture its products in accordance with all accepted engineering practices effective at the date of design. This statement should not be interpreted to mean that our products will protect against the user's own carelessness or failure to follow common safety practices nor will Art's-Way Manufacturing Co., be liable for any such act. In addition, Art's-Way Manufacturing Co., assumes no liability for any altered.

Important Warranty Information

The warranty for this 7501 Moldboard Plow appears on page iii of this Manual. In order to establish proper warranty registration, the Warranty Registration and Dealer Pre-Delivery Checklist must be completed and returned to the factory. Failure to comply with this requirement may result in reduced warranty allowances.

Limitations Of This Manual

This Manual contains operating instructions for your 7501 Moldboard Plow only. Any mention of other machinery in this manual other than the 7501 Moldboard Plow is for reference only. This manual does not replace nor is it to be used for any machinery that may be attached to or used in conjunction with the 7501 Moldboard Plow.

PARTS & SERVICE

As the new purchaser of your 7501 Moldboard Plow, it is very important to consider the following factors:

- A. Original Quality
- B. Availability of Service Parts
- C. Availability of Adequate Service Facilities

Art's-Way Manufacturing Co., Inc. has an excellent dealership network ready to answer any questions you may have about your Moldboard Plow. Parts for your machine may be ordered through our dealers. When placing a parts order, please have the **model** and **serial number** ready. This will allow the dealer to fill your order as quickly as possible.

For your convenience, we have provided this space for you to record your model number, serial number, and the date of purchase, as well as your dealer's name and address.

Owner's Name: _____

Owner's Address: _____

Purchase Date: _____

Dealership Name: _____

Dealership Address: _____

Dealership Phone No.: _____

Machine Serial Number

Enter the serial number and model number of your 7501 moldboard plow in the space provided above.

	
SERIAL NO.	
MODEL NO.	
Manufactured By Art's-Way Manufacturing Co., Inc. Armstrong, LA	

Limited Warranty

Art's-Way Manufacturing Co., Inc. warrants the products it sells to be free from defects in material and workmanship for a period of one (1) year after the date of delivery to the first (original) purchaser, subject to the following conditions:

- Art's-Way Manufacturing Co., Inc. obligation and liability under this warranty is to repair or replace (at the company's option) any parts that upon manufacture were defective in material or workmanship.
- All parts and repairs under this warranty shall be supplied at Art's-Way Manufacturing Co., Inc. or an authorized Art's-Way Manufacturing Co., Inc. dealer, at the option of Art's-Way Manufacturing Co., Inc.
- Art's-Way Manufacturing Co., Inc. warranty does not extend to parts and elements not manufactured by Art's-Way Manufacturing Co., Inc. and which carry the warranty of other manufacturers.
- Transportation or shipping to an authorized dealer for necessary repairs is at the expense of the purchaser.
- Art's-Way Manufacturing Co., Inc. makes no other warranty expressed or implied and makes no warranty of merchantability or fitness for any particular purpose beyond that expressly stated in this warranty. Art's-Way Manufacturing Co., Inc. liability is limited to the terms set forth in this warranty and does not include any liability for direct, indirect, incidental or consequential damages or expenses of delay and the Company's liability is limited to repair or replacement of defective parts as set forth herein.
- Any improper use and/or maintenance, including operation after discovery of defective or worn parts, operation beyond the rated capacity, substitution of parts not approved by Art's-Way Manufacturing Co., Inc., or any alternation or repair by other than an authorized Art's-Way Manufacturing Co., Inc. dealer which affects the product materially and adversely, shall void the warranty.
- No dealer, employee or representative is authorized to change this warranty in any way or grant any other warranty unless such change is made in writing and signed by an officer of Art's-Way Manufacturing Co., Inc.
- Some states do not allow limitations on how long an implied warranty lasts or exclusions of, or limitations on relief such as incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you the specific legal rights and you may have other rights that vary from state to state.

SAFETY FIRST

“A careful operator is the best insurance against an accident.”

(National Safety Council)

Most accidents can be prevented if the operator:

- Fully understands how the machine functions.
- Can anticipate situations which may produce problems.
- Can make necessary corrections before problems develop.



THIS SYMBOL MEANS ATTENTION!

BECOME ALERT!

YOUR SAFETY IS INVOLVED!

The American Society of Agricultural Engineers has adopted the ***Universal Safety Alert Symbol*** as a way to identify areas of potential danger if the equipment is not operated correctly. ***Please be alert whenever you see this symbol in the manuals or on your Moldboard Plow.***

Art's-Way Manufacturing Co., Inc. strives to make our equipment as safe as possible. The Art's-Way Moldboard Plow conforms to applicable safety standards at the time of manufacturing. A safety conscious equipment operator makes an effective accident-prevention program complete.

Safety features and instructions for the Moldboard Plow are detailed elsewhere in the Operator's Manual. It is the responsibility of the owner to ensure that all operators read and understand the manual before they are allowed to operate the Moldboard Plow. (***Occupational Safety and Health Administration (OSHA) regulations 1928.57.***)

Notices of Danger, Warning, and Caution

Signal Words: Note the use of signal words DANGER, WARNING and CAUTION on the Moldboard Plow and in this manual. The appropriate signal word for each has been selected using the following guidelines:



DANGER: Immediate and specific hazard *will* result in severe personal injury or death if proper precautions are not taken.



WARNING: Specific hazard or unsafe practice *could* result in severe personal injury or death if proper precautions are not taken.



CAUTION: A reminder of good safety practices. Personal injury *could* result if proper procedures are not followed.

7501 Moldboard Plow Parts Catalog

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GENERAL INFORMATION

Indexes

Section 1 of this catalog contains a parts & service guide, to the owner, limited warranty, and alphabetical index. An alphabetical index also appears at the beginning of each section. Section 10 is the Alpha/Numerical Index which lists all part numbers with their page location and reference number.

Illustrations

The arrangement of this parts catalog is for easy identification of parts. All parts are illustrated in "exploded views" in proper relation to each other. Reference numbers used in the illustrations refer to those on the text pages. The text pages list reference number, part number, part description and the quantity required.

Abbreviations

P.I.N. "Product Identification Number"

SN "Serial Number"

NSS "Not Serviced Separately" in the part number column indicates this part is not available for service.

REF "Reference" in the part number column indicates this part has special service information. The page where this information can be found is given in the part description column.

UAR "Use As Required" in the quantity required column indicates the number of parts used is determined by service needs.

Right-Hand and Left-Hand Identification

The reference to right-hand and left-hand in this catalog is identified by the operator standing at the rear of the basic unit (without rear attachment), looking toward the front of the machine (in normal forward travel). For pages covering any machine attachments, right-hand and left-hand are defined by the operator sitting in the position for proper operation of the attachment.

Catalog Revisions and Supplements

Changes to the product may make it necessary to revise or add pages to this catalog. A cover sheet will list all pages released in a revision or supplement. Each new or revised page will have a new issue date. All revised and new pages must be put into the parts catalog as soon as they are received.

Parts Orders

Orders must specify product model, all necessary serial numbers, correct part number, complete description, quantity required, method of shipment, and shipping address.

Text Format Explanation

An assembly may contain service items. The component parts of an assembly or subassembly are indented. The quantity required column lists the number of assemblies required for a completed machine, and the number of components required in a complete assembly or subassembly.

The example below illustrates the use of indents and other text page elements explained on this page.

HYDRAULIC FILTER

REF.	PART NO.	DESCRIPTION	REQ'D.
1	ID4356734	FILTER ASSEMBLY - hydraulic oil, P.I.N. 7534840 and after	1
	ID61903	HEAD ASSEMBLY - filter	1
2	INSS	HEAD - filter, order D61903 head assembly	1
3	ID58199	VALVE - bypass	1
	ID43800	KIT - filter element, replaces D35700 element kit	1
4	INSS	ELEMENT - filter, order D43800 element kit	1
5	IA27994	O-RING - filter	1
6	ID61948	HOUSING -filter	1
7	REF	CANOPY - ROPS, order from Machinery Price List	1
8	I843065C1	HOSE - 132 inch (3353 mm) long, reservoir to pump	1
9	I113-323	BOLT - hex, 7/16 NC x 1-3/4 inch	2
10	I814-8030	BOLT - hex, 8 - 1.25 x 30 mm.	4

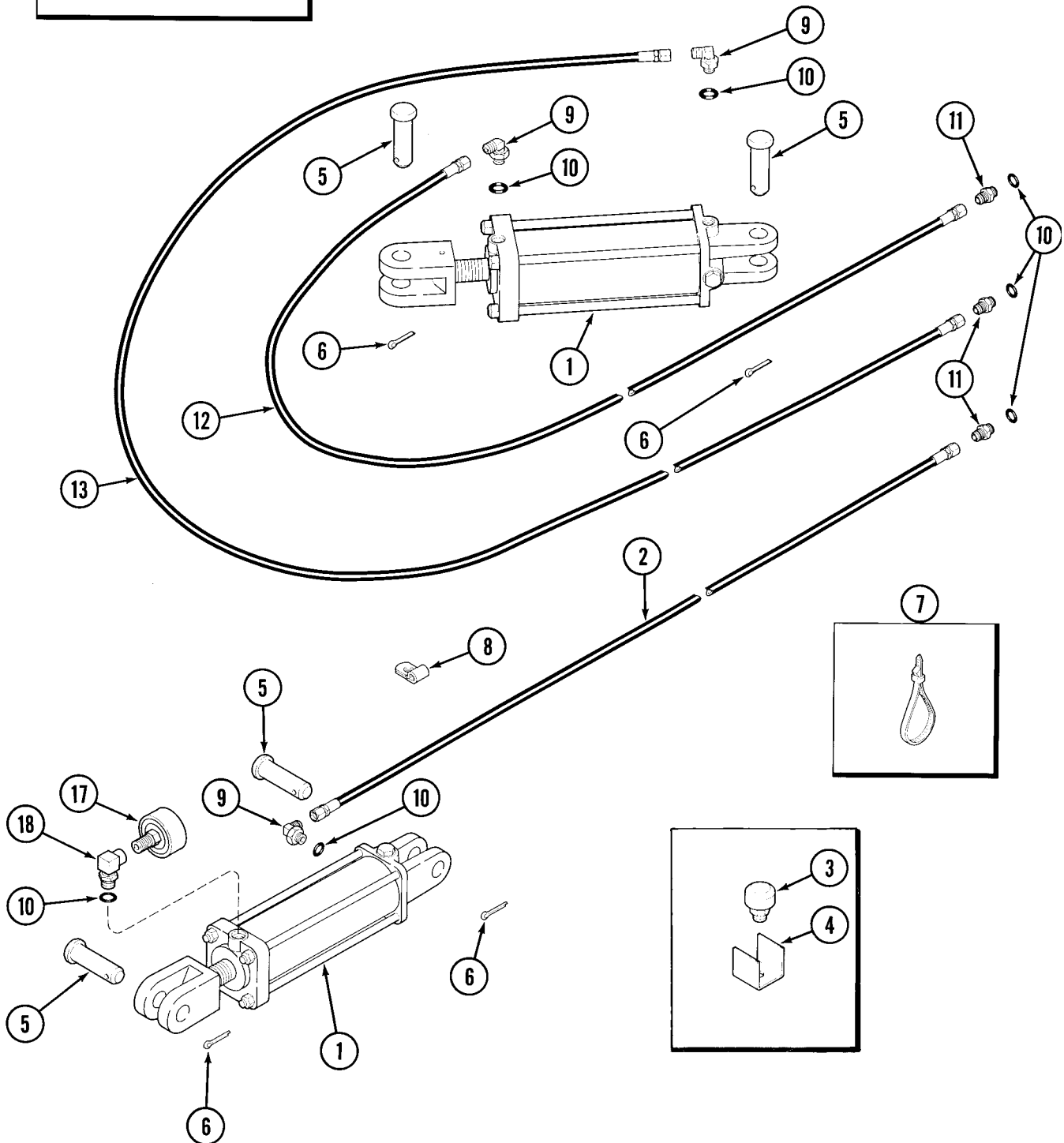
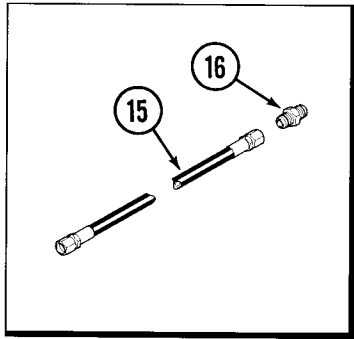
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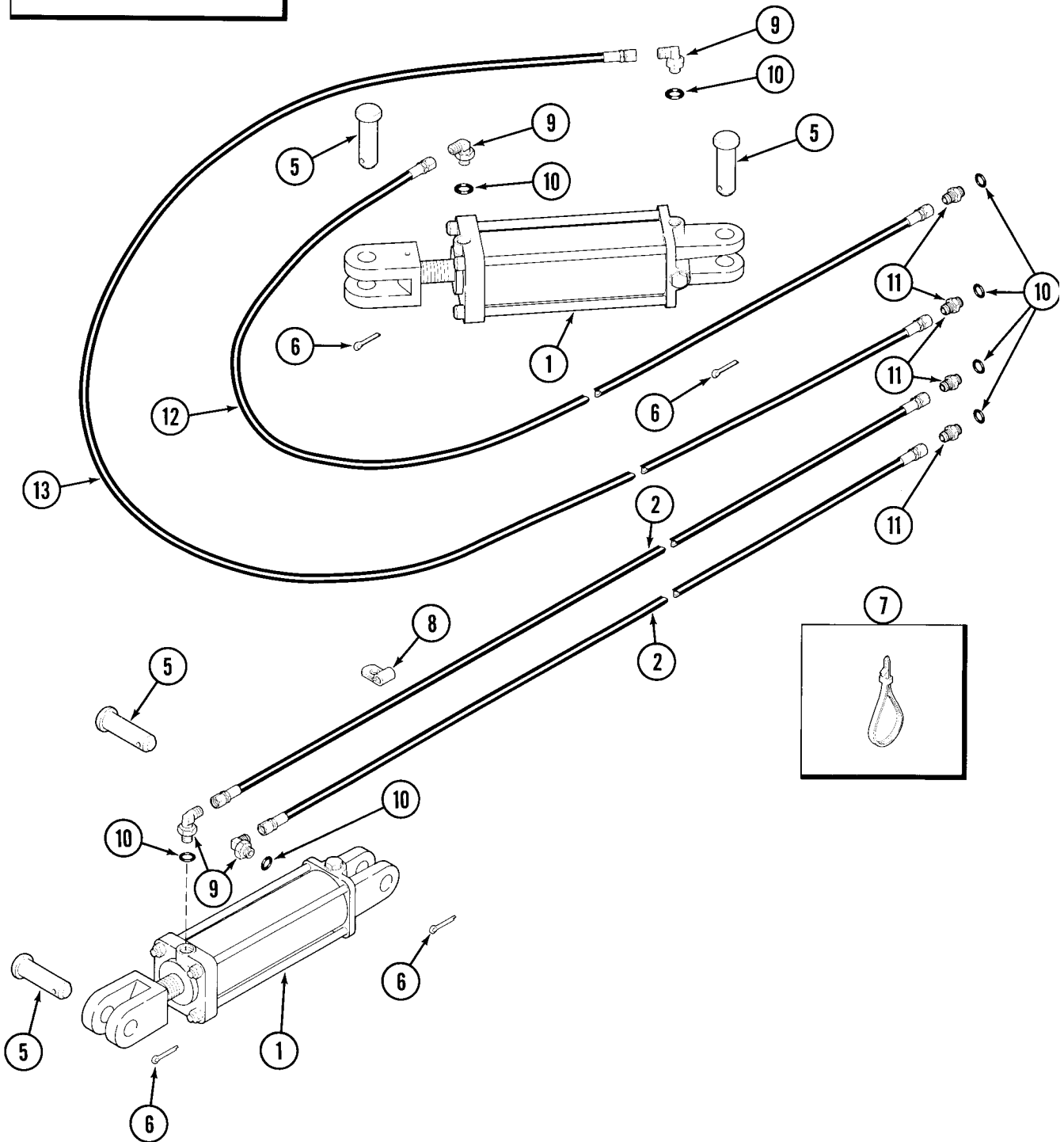
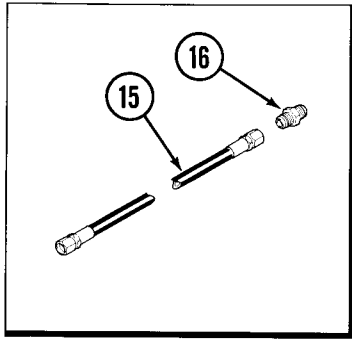
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HYDRAULIC SYSTEM**In-The-Furrow Plows with Hydraulic Width Adjustment
Prior to PIN JAG0303580**

REF.	PART NO.	DESCRIPTION	REQ'D.
1	REF	CYLINDER ASSEMBLY - hydraulic, 3 x 8 inch (See Page 8-15)	2
2	I1284330C1	HOSE - 240 inch (6096 mm) long (4 furrow)	1
2	I129673C2	HOSE - 280 inch (7112 mm) long (5 furrow)	1
2	I1284290C1	HOSE - 320 inch (8130 mm) long (6 furrow)	1
3	I65970C2	FILTER - breather, 3/8 inch PT, plastic	1
4	I1995579C1	GUARD - breather (Used with 65970C2 filter).	1
5	I810751C1	PIN - headed, 1 x 3-1/2 inch	4
6	I432-1624	PIN - cotter, 1/4 x 1-1/2 inch	4
7	I22-824	STRAP - tie	3
8	I299615C1	CLAMP - P-type, 5/8 inch ID	UAR
9	I218-5128	ELBOW - 90 degree, 9/16-18 flare x 3/4-16 inch adj O-ring boss	3
10	I237-6008	O-RING - 41/64 ID x 3/32 inch wide	7
11	I218-5058	ADAPTER - straight, 9/16-18 flare x 3/4-16 inch O-ring boss	3
12	I1284257C1	HOSE - 210 inch (5334 mm) long	1
13	I1284258C1	HOSE - 225 inch (5715 mm) long	1
15	I129672C2	HOSE - 39 inch (991 mm) long (See Note).	1
16	I218-734	CONNECTOR - straight, 9/16-18 inch flare (See Note)	1
17	IS240879	FILTER - breather, steel	1
18	I218-5460	ELBOW - 90 degree, 3/4-16 adj O-ring x 1/2 inch female PT	1

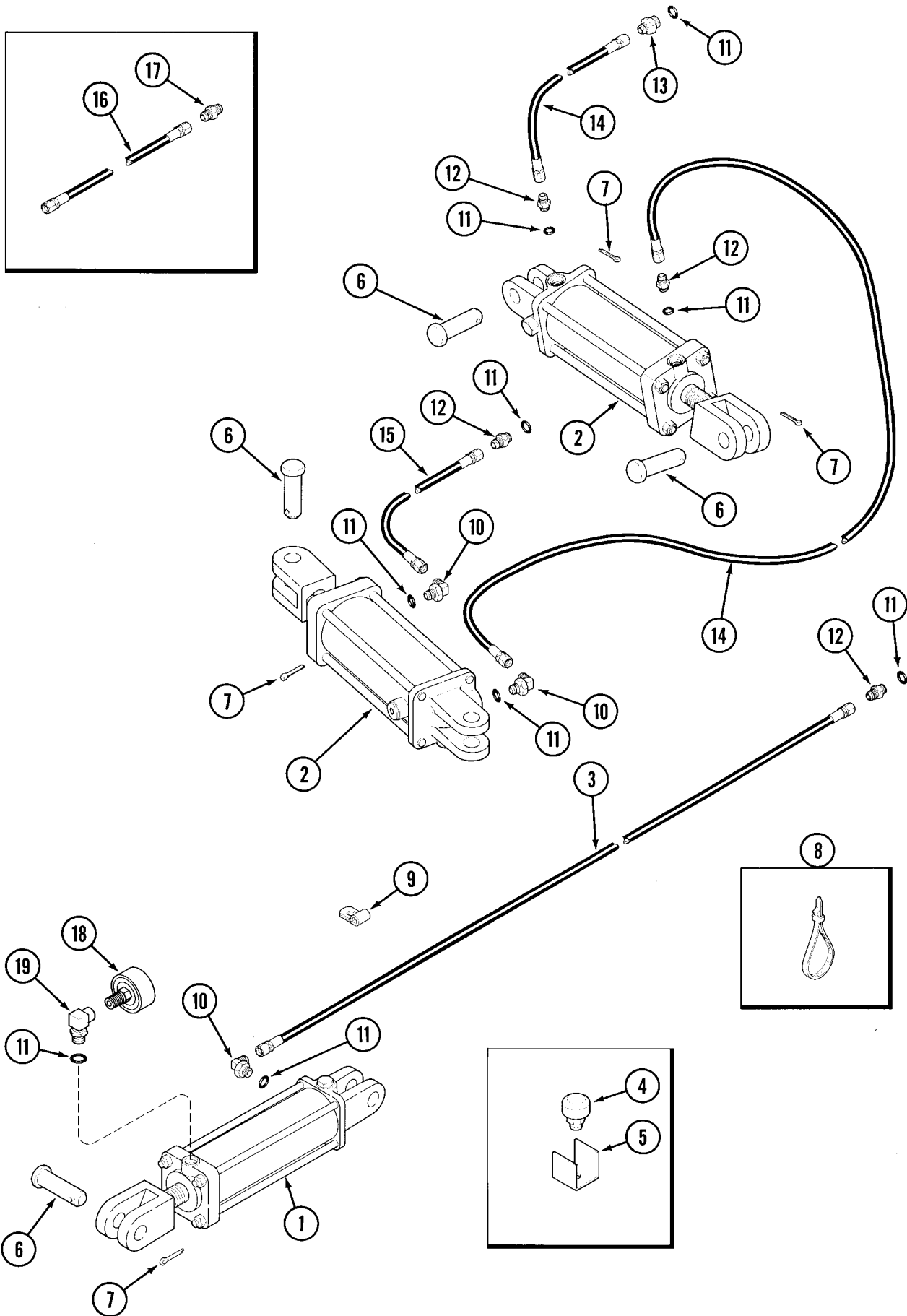
NOTE: Used on plows equipped with frame extension.



HYDRAULIC SYSTEM**In-The-Furrow Plows with Hydraulic Width Adjustment****PIN JAG0303580 and After**

REF.	PART NO.	DESCRIPTION	REQ'D.
1	REF	CYLINDER ASSEMBLY - hydraulic, 3 x 8 inch (See Page 8-15)	2
2	I1284330C1	HOSE - 240 inch (6096 mm) long (4 furrow)	2
2	I129673C2	HOSE - 280 inch (7112 mm) long (5 furrow)	2
2	I1284290C1	HOSE - 320 inch (8130 mm) long (6 furrow)	2
5	I810751C1	PIN - headed, 1 x 3-1/2 inch	4
6	I432-1624	PIN - cotter, 1/4 x 1-1/2 inch	4
7	I22-824	STRAP - tie	3
8	I299615C1	CLAMP - P-type, 5/8 inch ID	UAR
9	I218-5128	ELBOW - 90 degree, 9/16-18 flare x 3/4-16 inch adj O-ring boss	4
10	I237-6008	O-RING - 41/64 ID x 3/32 inch wide	8
11	I218-5058	ADAPTER - straight, 9/16-18 flare x 3/4-16 inch O-ring boss	4
12	I1284257C1	HOSE - 210 inch (5334 mm) long	1
13	I1284258C1	HOSE - 225 inch (5715 mm) long	1
15	I129672C2	HOSE - 39 inch (991 mm) long (See Note)	1
16	I218-734	CONNECTOR - straight, 9/16-18 inch flare (See Note)	1

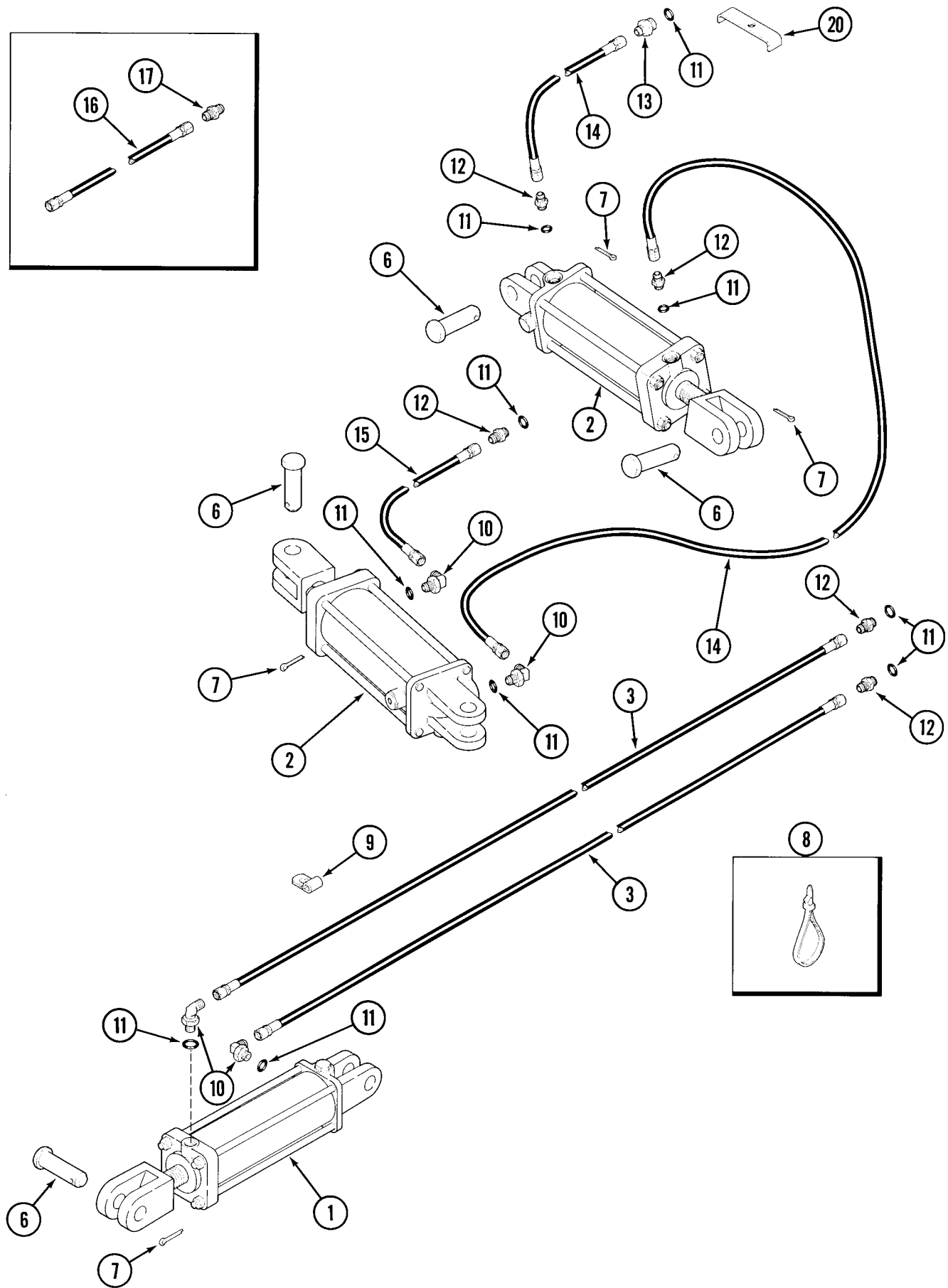
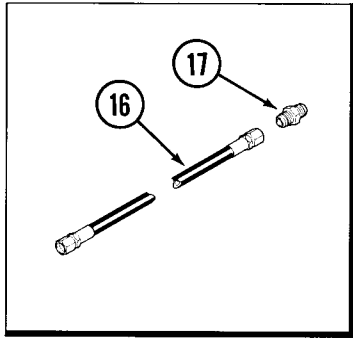
NOTE: Used on plows equipped with frame extension.



HYDRAULIC SYSTEM**In-The-Furrow Plows with Hydraulic Adjustable Hitch
Prior to PIN JAG0303580**

REF.	PART NO.	DESCRIPTION	REQ'D.
1	REF	CYLINDER ASSEMBLY - hydraulic, 3 x 8 inch (See Page 8-15)	1
2	REF	CYLINDER ASSEMBLY - hydraulic, phasing, 3-1/2 x 8 inch (See Page 8-17)	2
3	I1284330C1	HOSE - 240 inch (6096 mm) long (4 furrow)	1
3	I129673C2	HOSE - 280 inch (7112 mm) long (5 furrow)	1
3	I1284290C1	HOSE - 320 inch (8130 mm) long (6 furrow)	1
4	I65970C2	FILTER - breather, 3/8 inch PT, plastic	1
5	I1995579C1	GUARD - breather (Used with 65970C2 filter).	1
6	I810751C1	PIN - headed, 1 x 3-1/2 inch	4
7	I432-1624	PIN - cotter, 1/4 x 1-1/2 inch	4
8	I22-824	STRAP - tie	3
9	I299615C1	CLAMP - P-type, 5/8 inch ID	UAR
10	I218-5128	ELBOW - 90 degree, 9/16-18 flare x 3/4-16 inch adj O-ring boss	3
11	I237-6008	O-RING - 41/64 ID x 3/32 inch wide	9
12	I218-5058	ADAPTER - straight, 9/16-18 flare x 3/4-16 inch O-ring boss	4
13	I92424C1	ADAPTER - one way orifice.	1
14	I810139C2	HOSE - 55 inch (1397 mm) long	2
15	I1284269C1	HOSE - 360 inch (9144 mm) long	1
16	I129672C2	HOSE - 39 inch (991 mm) long (See Note).	1
17	I218-734	CONNECTOR - straight, 9/16-18 inch flare (See Note)	1
18	IS240879	FILTER - breather	1
19	I218-5460	ELBOW - 90 degree, 3/4-16 adj O-ring x 1/2 inch female PT	1

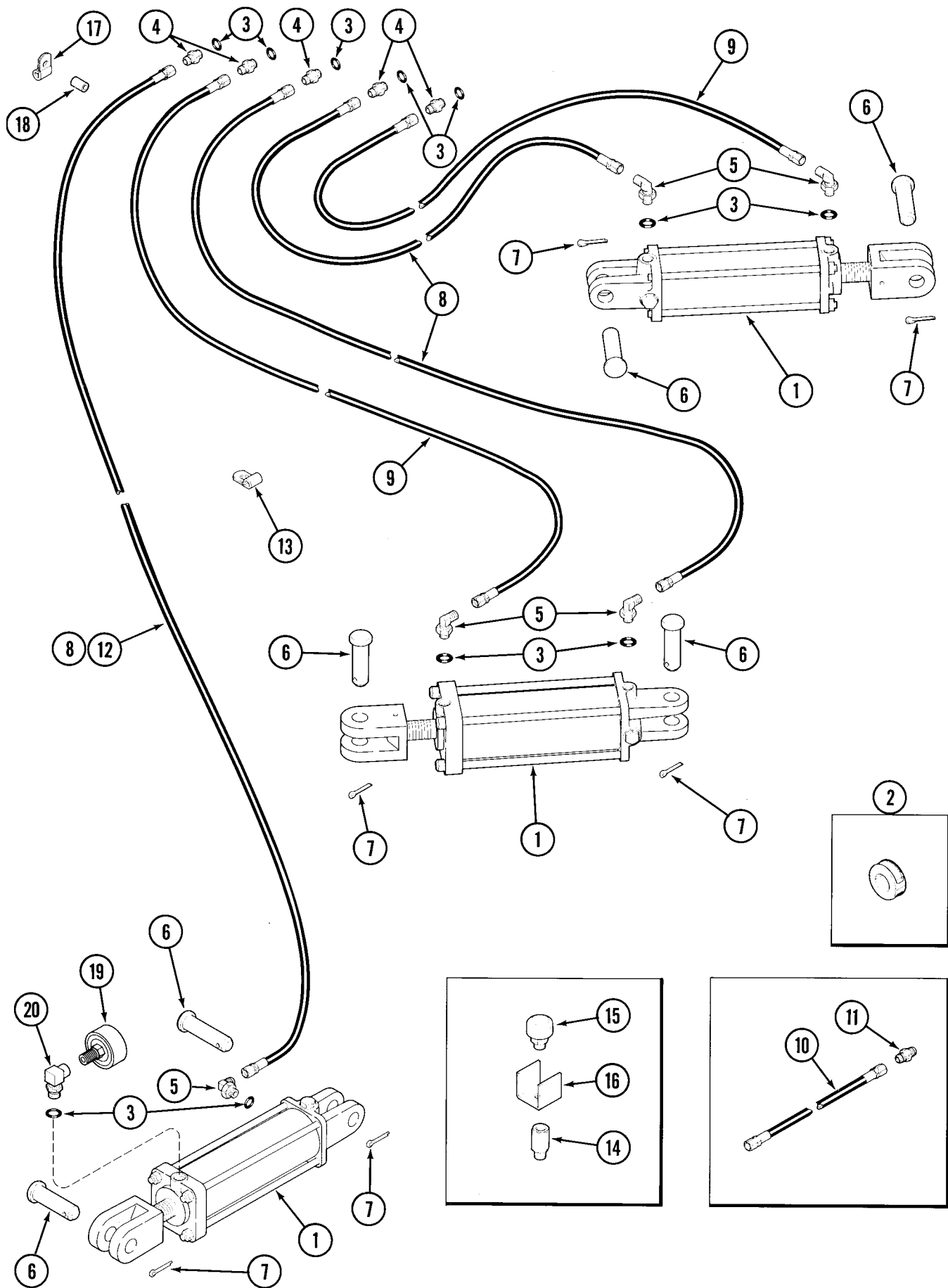
NOTE: Used on plows equipped with frame extension.



HYDRAULIC SYSTEM**In-The-Furrow Plows with Hydraulic Adjustable Hitch
PIN JAG0303580 and After**

REF.	PART NO.	DESCRIPTION	REQ'D.
1	REF	CYLINDER ASSEMBLY - hydraulic, 3 x 8 inch (See Page 8-15)	1
2	REF	CYLINDER ASSEMBLY - hydraulic, phasing, 3-1/2 x 8 inch (See Page 8-17)	2
3	I1284330C1	HOSE - 240 inch (6096 mm) long (4 furrow)	2
3	I129673C2	HOSE - 280 inch (7112 mm) long (5 furrow)	2
3	I1284290C1	HOSE - 320 inch (8130 mm) long (6 furrow)	2
6	I810751C1	PIN - headed, 1 x 3-1/2 inch	4
7	I432-1624	PIN - cotter, 1/4 x 1-1/2 inch	4
8	I22-824	STRAP - tie	3
9	I299615C1	CLAMP - P-type, 5/8 inch ID	UAR
10	I218-5128	ELBOW - 90 degree, 9/16-18 flare x 3/4-16 inch adj O-ring boss	4
11	I237-6008	O-RING - 41/64 ID x 3/32 inch wide	10
12	I218-5058	ADAPTER - straight, 9/16-18 flare x 3/4-16 inch O-ring boss	5
13	I92424C1	ADAPTER - one way orifice, one way	1
14	I810139C2	HOSE - 55 inch (1397 mm) long	2
15	I1284269C1	HOSE - 360 inch (9144 mm) long	1
16	I129672C2	HOSE - 39 inch (991 mm) long (See Note)	1
17	I218-734	CONNECTOR - straight, 9/16-18 inch flare (See Note)	1
20	I129888C2	CLAMP - hose	1

NOTE: Used on plows equipped with frame extension.

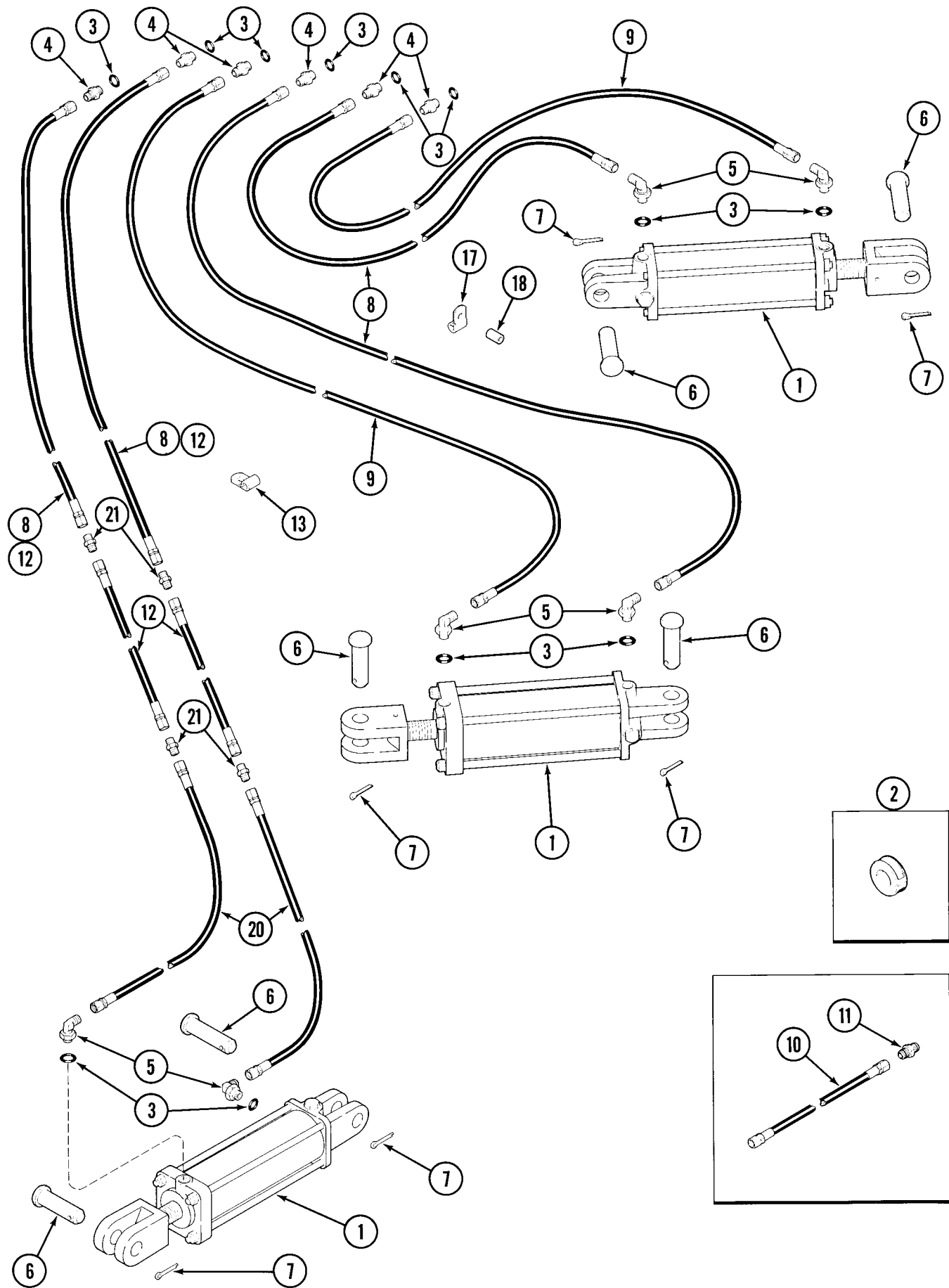


7501 Moldboard Plow
HYDRAULIC SYSTEM
On-The-Land Plows
Prior to PIN JAG0303580

8-11

REF.	PART NO.	DESCRIPTION	REQ'D.
1	REF	CYLINDER ASSEMBLY - hydraulic, 3 x 8 inch (See Page 8-15)	3
2	I7737869	KIT - stroke control collar	2
3	I237-6008	O-RING - 41/64 ID x 3/32 inch wide	11
4	I218-5058	ADAPTER - straight, 9/16-18 flare x 3/4-16 inch O-ring boss	5
5	I218-5128	ELBOW - 90 degree, 9/16-18 flare x 3/4-16 inch adj O-ring boss	5
6	I427-16325	PIN - clevis, 1 x 3-1/4 inch, hardened	6
7	I432-1620	PIN - cotter, 1/4 x 1-1/4 inch	6
8	I1284257C1	HOSE - 210 inch (5334 mm) long (Used on 5 furrow plows).	3
9	I1284258C1	HOSE - 225 inch (5715 mm) long	2
10	I129672C2	HOSE - 39 inch (991 mm) long (See Note).	1
11	I218-734	CONNECTOR - straight, 9/16-18 inch flare (See Note)	1
12	I129782C2	HOSE - 165 inch (4191 mm) long (Used on 5 furrow plows).	1
13	I299615C1	CLAMP - P-type, 5/8 inch ID	UAR
14	I218-5093	ADAPTER - straight, 3/4-16 O-ring boss x 3/8 inch female PT	1
15	I65970C2	FILTER - breather, 3/8 inch PT	1
16	I1995579C1	GUARD - breather	1
17	I515-23159	CLAMP - P-type, 5/8 inch ID	UAR
18	I645342C1	SPACER - 3/8 ID x 1 inch	1

NOTE: Used on plows equipped with frame extension.

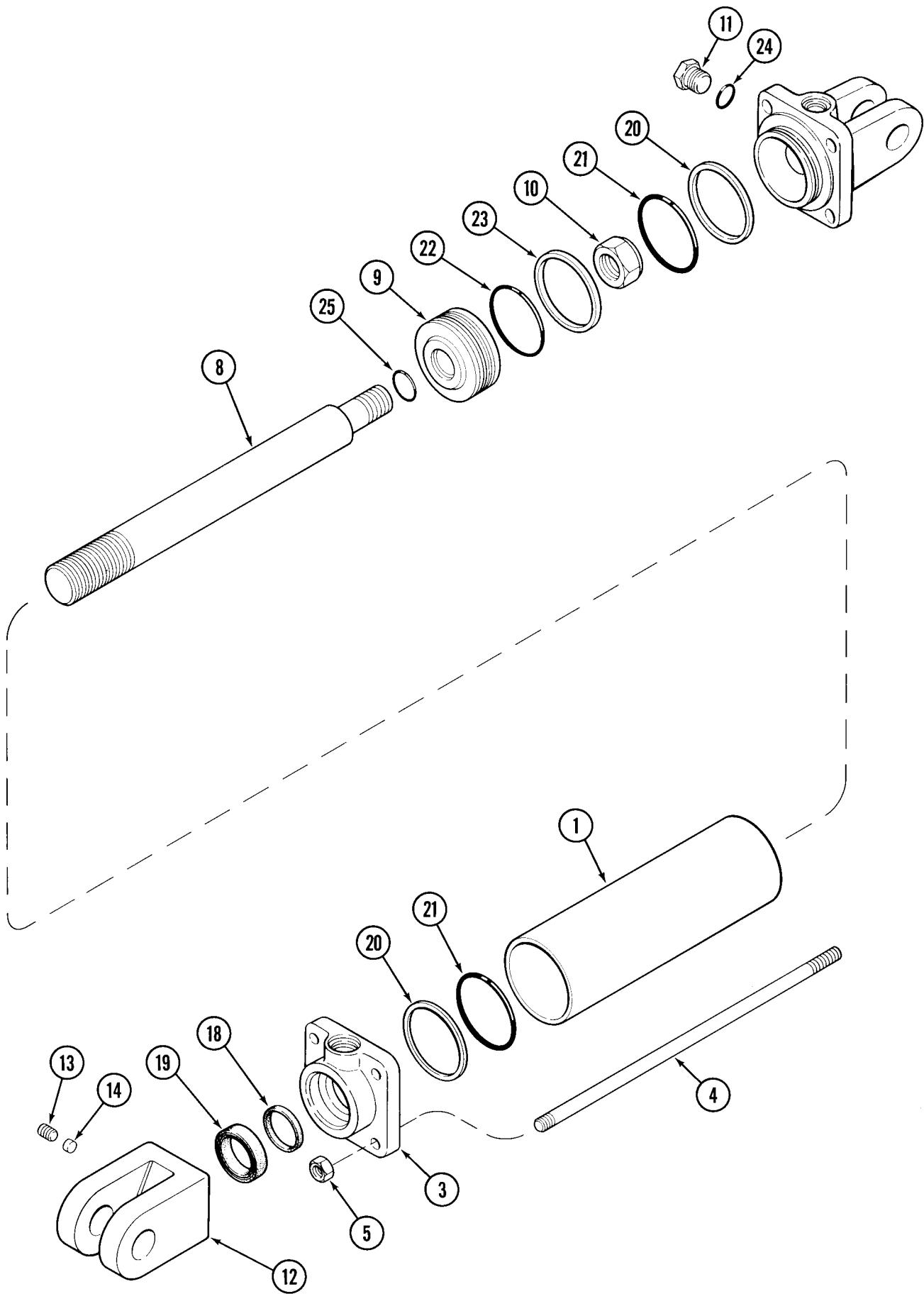


7501 Moldboard Plow
HYDRAULIC SYSTEM
On-The-Land Plows
PIN JAG0303580 and After

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REF.	PART NO.	DESCRIPTION	REQ'D.
1	REF	CYLINDER ASSEMBLY - hydraulic, 3 x 8 inch (See Page 8-15)	3
2	I7737869	KIT - stroke control collar	2
3	I237-6008	O-RING - 41/64 ID x 3/32 inch wide	13
4	I218-5058	ADAPTER - straight, 9/16-18 flare x 3/4-16 inch O-ring boss	6
5	I218-5128	ELBOW - 90 degree, 9/16-18 flare x 3/4-16 inch adj O-ring boss	6
6	I810751C1	PIN - headed, 1 x 3-1/2 inch	6
7	I432-1624	PIN - cotter, 1/4 x 1-1/2 inch	6
8	I1284257C1	HOSE - 210 inch (5334 mm) long (A quantity of 2 used on 5 furrow plows)	4
9	I1284258C1	HOSE - 225 inch (5715 mm) long	2
10	I129672C2	HOSE - 39 inch (991 mm) long (See Note)	1
11	I218-734	CONNECTOR - straight, 9/16-18 inch flare (See Note)	1
12	I129782C2	HOSE - 165 inch (4191 mm) long (A quantity of 4 used on 5 furrow plows)	2
13	I299615C1	CLAMP - P-type, 5/8 inch ID (1/2 inch bolt hole)	UAR
17	I515-23159	CLAMP - P-type, 5/8 inch ID (3/8 inch bolt hole)	UAR
18	I645342C1	SPACER - 3/8 ID x 1 inch	1
20	I129672C2	HOSE - 39 inch (991 mm) long (Used on 7/6 furrow plows)	2
21	I218-734	CONNECTOR - straight, 9/16-18 inch flare (A quantity of 4 used on 7/6 furrow plows)	2

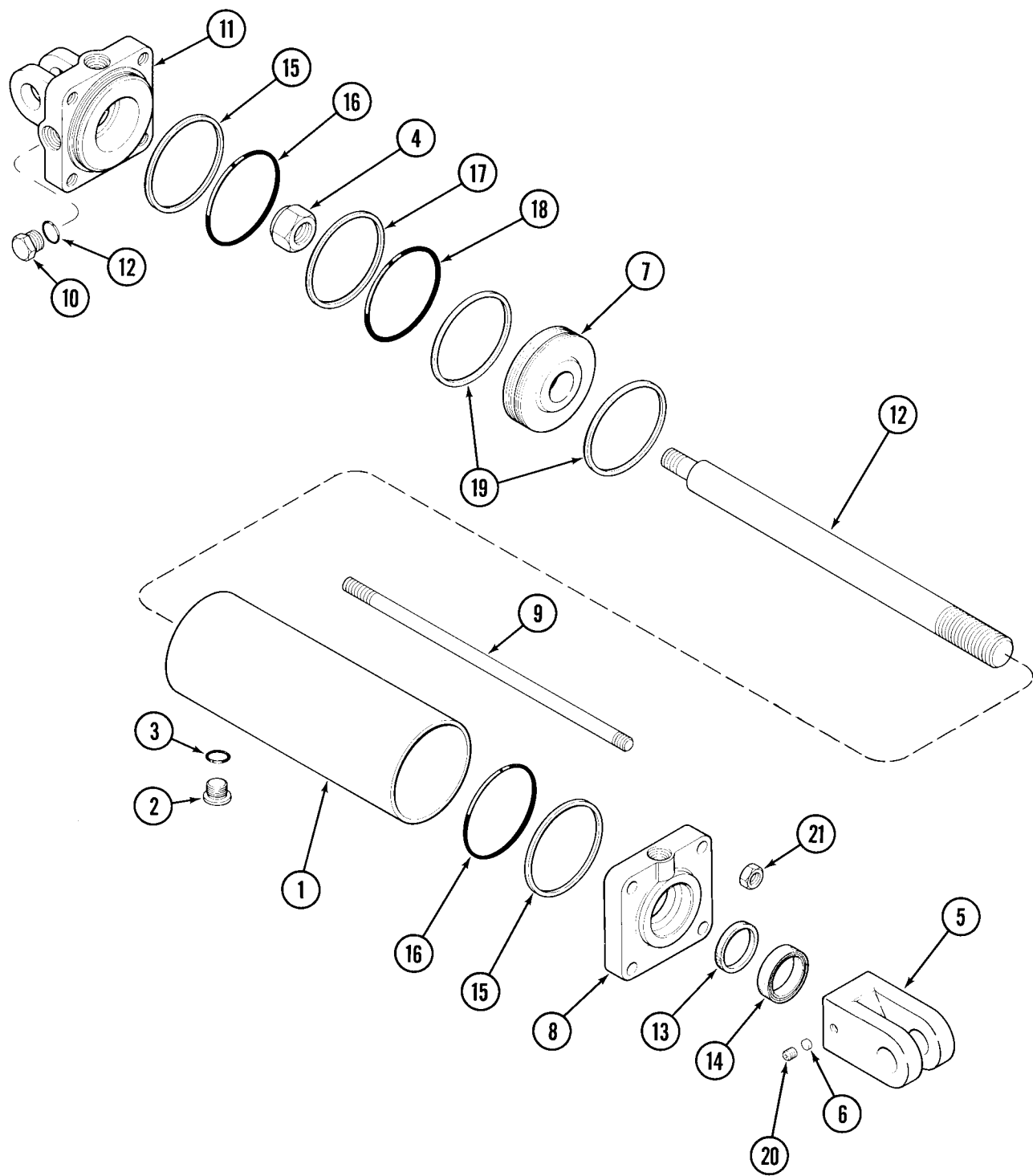
NOTE: Used on plows equipped with frame extension.



7501 Moldboard Plow
HYDRAULIC CYLINDER
3 Inch Bore x 8 Inch Stroke

8-15

REF.	PART NO.	DESCRIPTION	REQ'D.
	I1272146C91	CYLINDER ASSEMBLY - hydraulic, 3 (76) ID x 8 inch (203 mm) stroke	1
1	NSS	BODY - cylinder (Order cylinder assembly)	1
2	I1272761C1	HEAD - cylinder, rear, cylinder	1
3	I1272762C1	GLAND - cylinder, front, cylinder	1
4	I1272747C1	BOLT - tie, 7/16 inch NC, cylinder	4
5	I425-107	NUT - hex, 7/16 inch NC	4
8	I145231C1	ROD - piston.	1
9	I145225C2	PISTON - cylinder	1
10	I232-46314	NUT - hex, self-locking, 7/8 inch NF.	1
11	I218-5156	PLUG - hex, 3/4-16 inch O-ring boss	1
12	I145233C1	CLEVIS - rod end	1
13	I483-1386	SCREW - set, hex socket headless, 3/8 NC x 3/8 inch, cup point.	1
14	I145453C1	PAD - insert	1
	I79976C2	KIT - seal	1
18	NSS	WIPER - rod	1
19	NSS	SEAL - rod	1
20	NSS	RING - backup	2
21	NSS	O-RING - 2-3/4 ID x 1/8 inch.	2
22	NSS	O-RING - 2-9/16 ID x 3/32 inch.	1
23	NSS	SEAL - piston	1
24	I237-6008	O-RING - 41/64 ID x 3/32 inch wide	1
25	NSS	O-RING - piston rod	1
	I61571C2	PIN - headed, 1 x 3-1/4 inch	2
	I1970957C1	PIN - cotter, hair, 3/16 inch	2



7501 Moldboard Plow
HYDRAULIC CYLINDER
Phasing
3-1/2 Inch Bore x 8 Inch Stroke

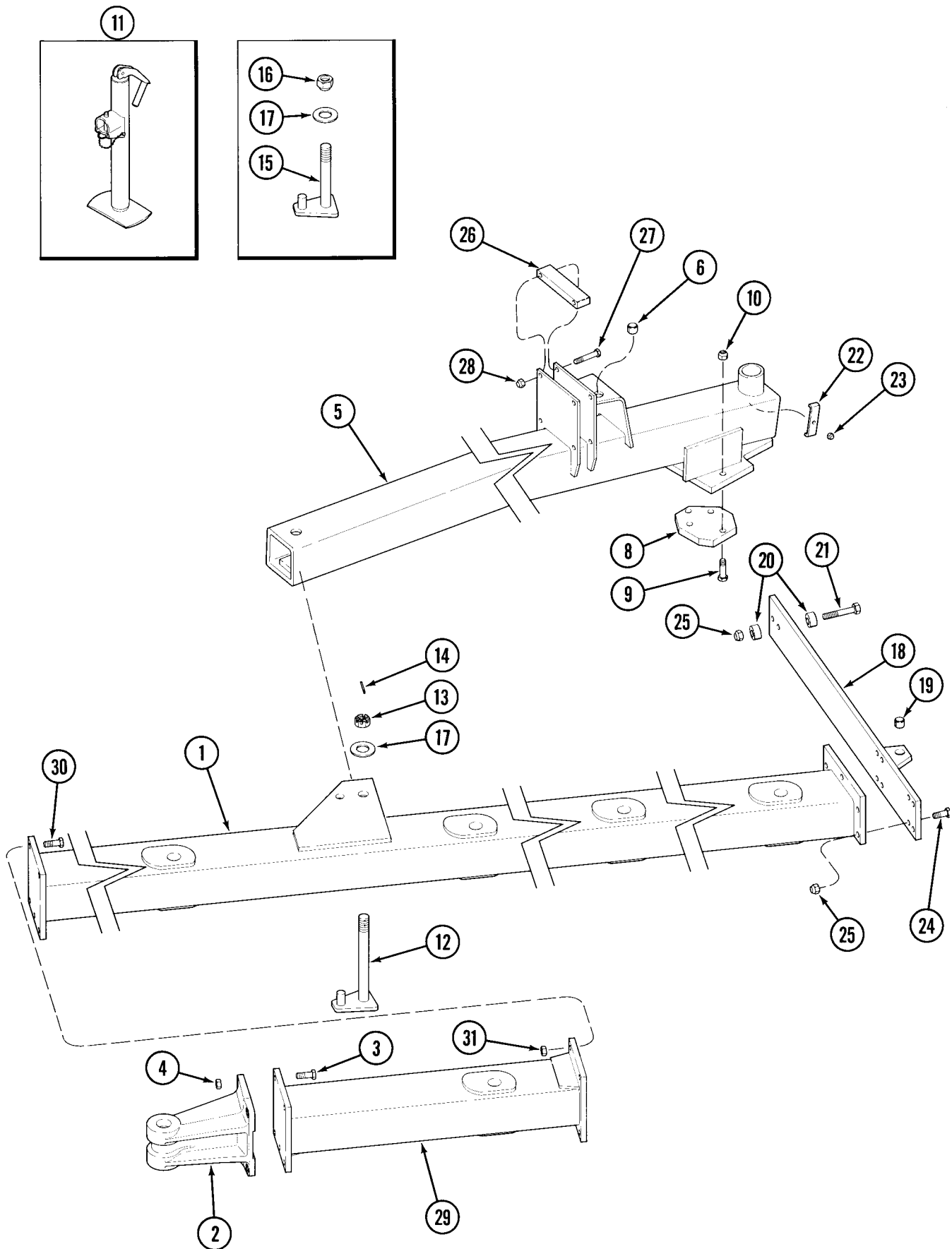
8-17

REF.	PART NO.	DESCRIPTION	REQ'D.
	I1282323C92	CYLINDER ASSEMBLY - hydraulic, 3-1/2 (89) ID x 8 inch (203 mm)stroke	1
1	I145424C2	TUBE - cylinder	1
2	I218-5210	PLUG - hex socket, 3/4-16 inch O-ring boss	1
3	I237-6008	O-RING - 41/64 ID x 3/32 inch wide, 1/2 inch OD (Also included in seal kit)	1
4	I232-46314	NUT - hex, self-locking, 7/8 inch NF.	1
5	I145233C1	CLEVIS - rod end	1
6	I145453C1	PAD - insert	1
7	I85179C1	PISTON - cylinder	1
8	I1272826C1	GLAND - cylinder, front	1
9	I1272524C1	BOLT - tie, cylinder.	4
10	I218-5156	PLUG - hex, 3/4-16 inch O-ring boss	1
11	I1272825C1	HEAD - cylinder, two ports, rear.	1
12	I145231C1	ROD - piston.	1
	I84919C2	KIT - seal	1
13	NSS	WIPER - piston rod	1
14	NSS	SEAL - piston rod	1
15	NSS	WASHER - backup	2
16	NSS	O-RING - 3-1/4 x 3-1/2 inch	2
17	NSS	RING - piston seal.	1
18	NSS	O-RING - 3 x 3-3/16 inch	1
19	NSS	RING - piston wear	2
20	I483-1386	SCREW - set, hex socket headless, 3/8 NC x 3/8 inch, cup point	1
21	I425-108	NUT - hex, 1/2 inch NC	4

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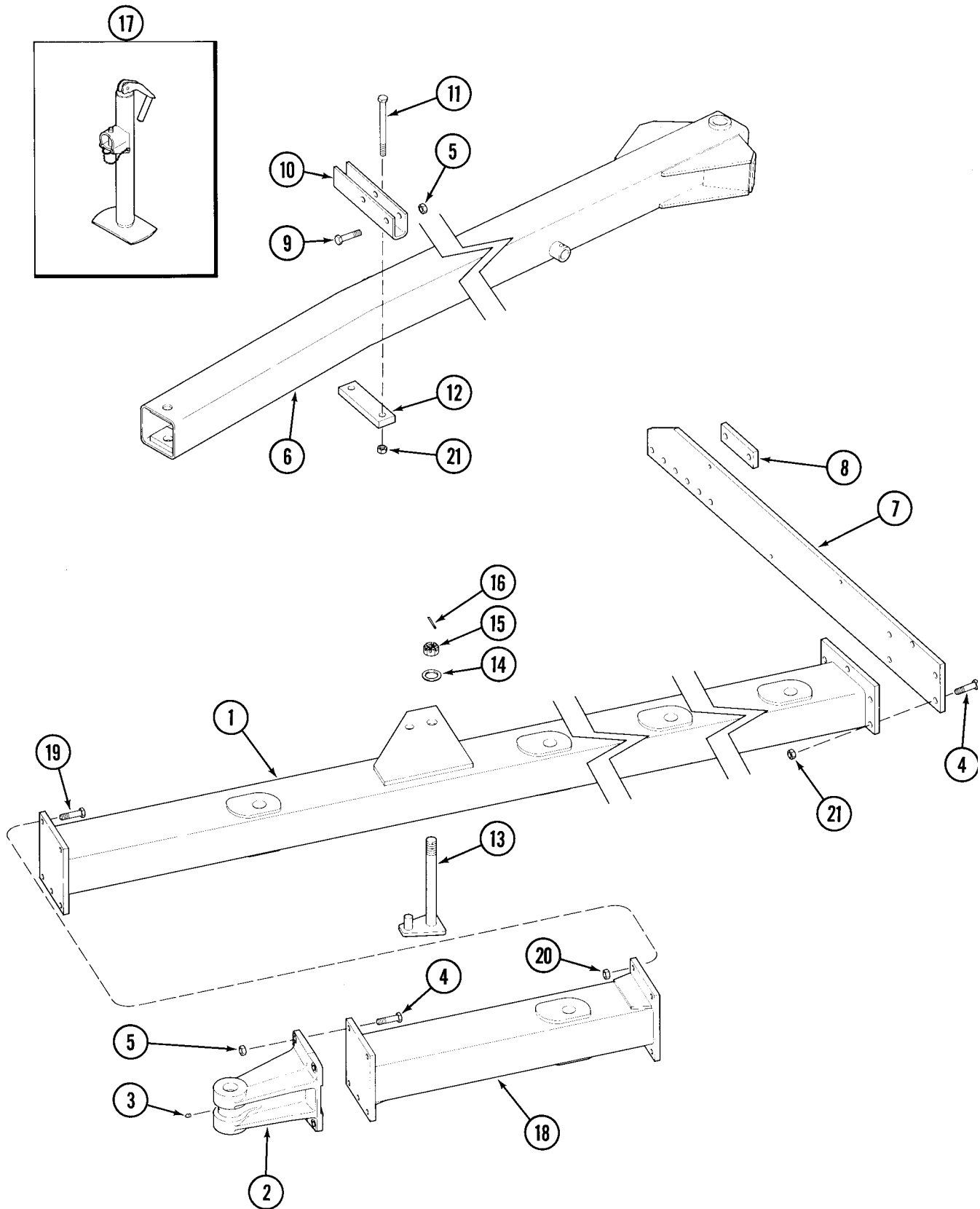
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MAIN FRAME

In-The-Furrow Plows

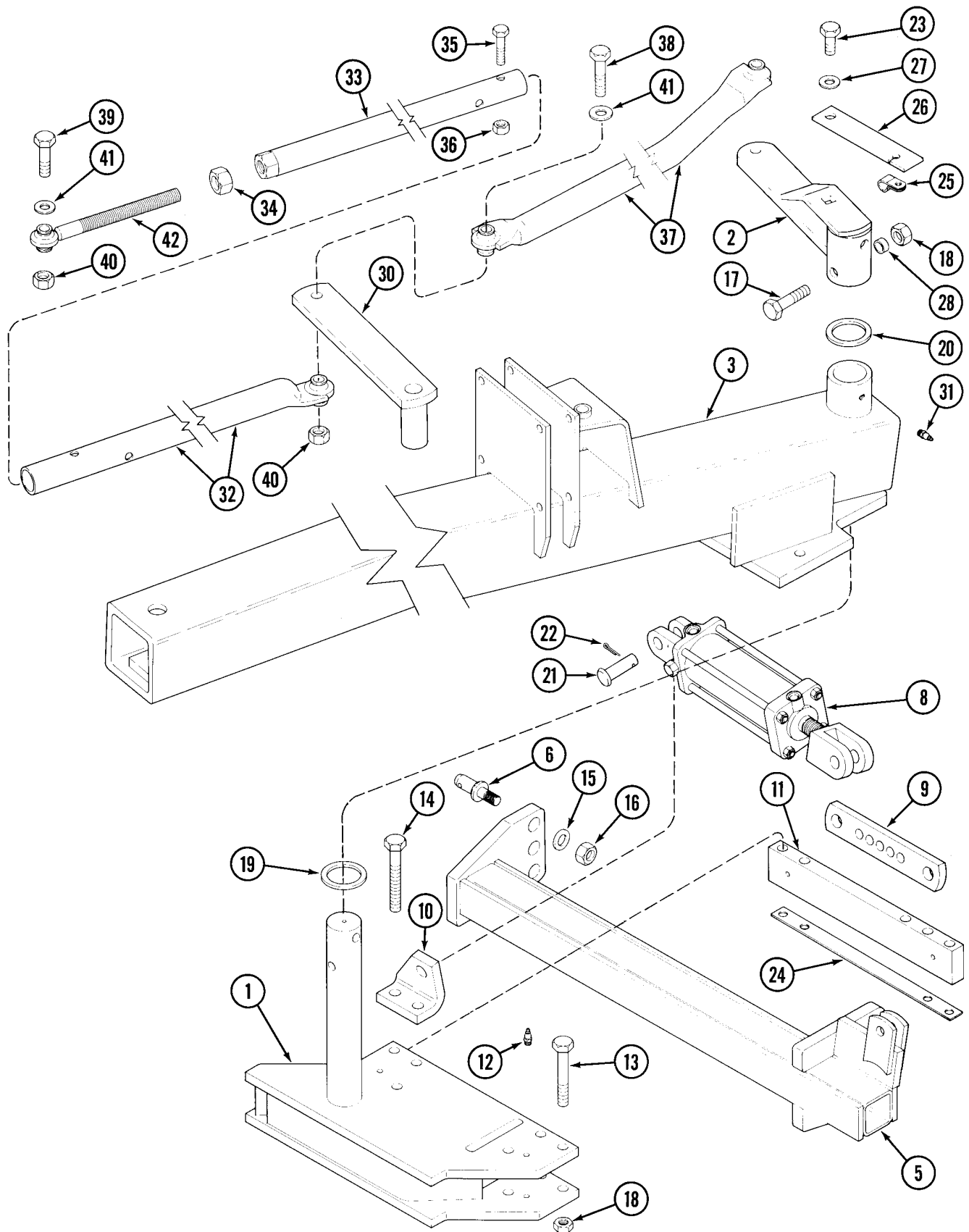
REF.	PART NO.	DESCRIPTION	REQ'D.
1	I1986229C1	FRAME - main (four furrow)	1
1	I1986230C1	FRAME - main (five furrow) (Shown)	1
1	I1986231C1	FRAME - main (six furrow)	1
2	I224244C1	BRACKET - main frame, rear	1
3	I426-1240	BOLT - hex, 3/4 NC x 2-1/2 inch, grade 8	8
4	I232-41112	NUT - hex, self-locking, 3/4 inch NC	8
5	I224281C1	FRAME - pull	1
6	I64601C1	BUSHING - tension	1
8	I1256818C1	BAR - stop	1
9	I426-1240	BOLT - hex, 3/4 NC x 2-1/2 inch, grade 8	3
10	I232-41112	NUT - hex, self-locking, 3/4 inch NC	3
11	I121557A1	JACK - hitch	1
12	I224173C1	PIN - pull frame (5 and 6 furrow)	1
13	I519250R1	NUT - hex, slotted, 1-1/4 inch NF (5 and 6 furrow)	1
14	I432-828	PIN - cotter, 1/8 x 1-3/4 inch (5 and 6 furrow)	1
15	I1976121C1	PIN - pull frame (4 furrow)	1
16	I231-41120	NUT - hex, self-locking, 1-1/4 inch NC	1
17	I495-81207	WASHER - flat, 1-9/32 x 2-1/2 x 1/16 inch	2
18	I1284324C1	BAR - spreader (5 and 6 furrow) (Shown) (Includes item 19)	1
18	I224257C1	BAR - spreader (4 furrow)	1
19	I64601C1	BUSHING - tension	1
20	I122695C1	SPACER - pull frame stop (5 and 6 furrow)	2
21	I413-1264	BOLT - hex, 3/4 NC x 4 inch	2
22	I129888C2	CLAMP - hose	1
23	I231-4118	NUT - hex, self-locking, 1/2 inch NC	1
24	I413-1236	BOLT - hex, 3/4 NC x 2-1/4 inch	UAR
25	I230-42112	NUT - hex, self-locking, 3/4 inch NC	UAR
26	I224288C1	BAR - wear	2
27	I413-1056	BOLT - hex, 5/8 NC x 3-1/2 inch	4
28	I1256884C1	NUT - hex flange, self-locking, special, 5/8 inch NC, grade 8	4
29	I224094C1	FRAME - extension (If Equipped)	1
30	I426-1240	BOLT - hex, 3/4 NC x 2-1/2 inch, grade 8 (If Equipped)	5
31	I232-41112	NUT - hex, self-locking, 3/4 inch NC (If Equipped)	5



MAIN FRAME

On-The-Land Plows

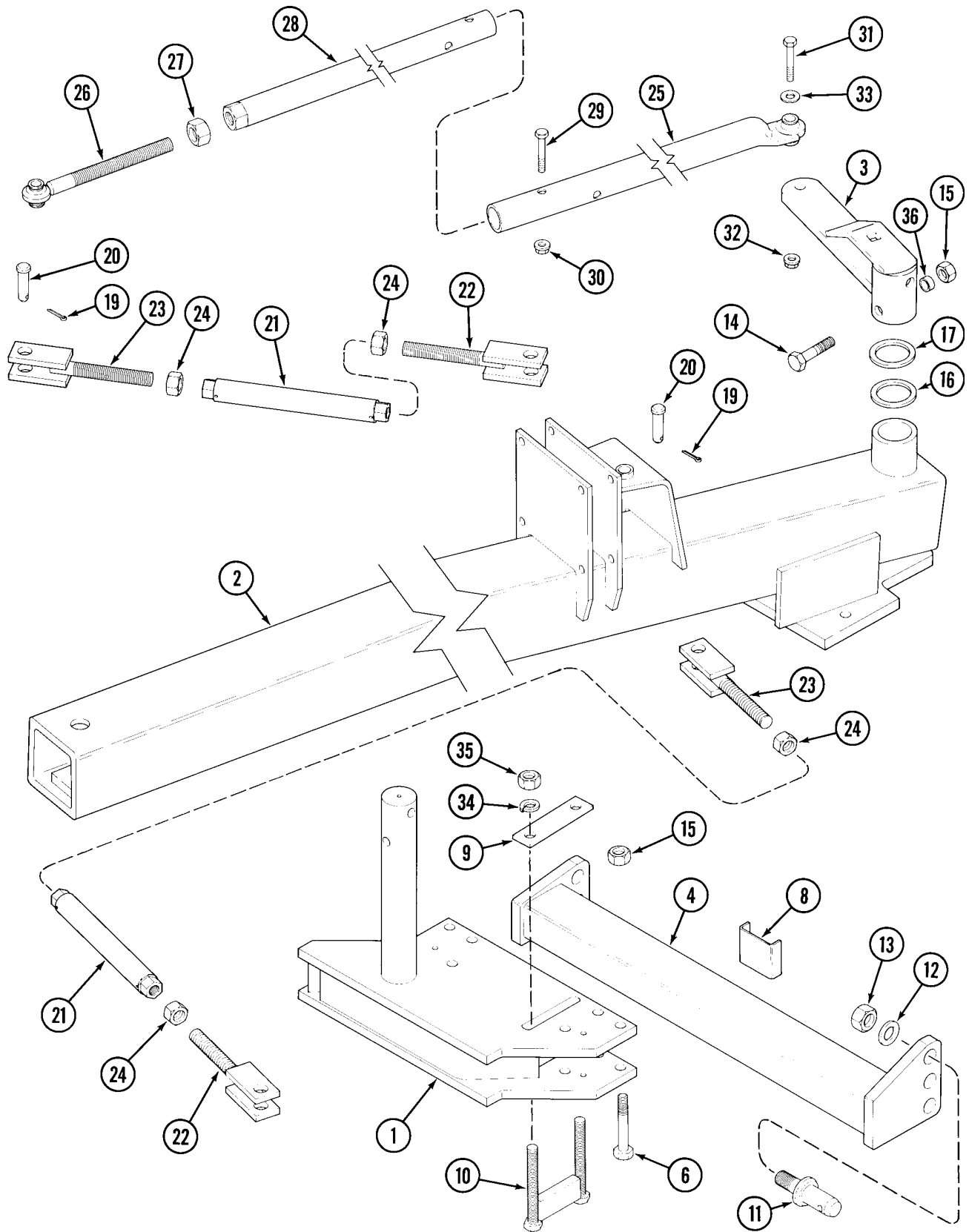
REF.	PART NO.	DESCRIPTION	REQ'D.
1	I1986230C1	FRAME - main (five furrow) (Shown)	1
1	I1986231C1	FRAME - main (six furrow)	1
2	I224244C1	BRACKET - main frame, rear	1
3	I219-87	FITTING - grease, straight, 1/4-28 self-tapping x 9/16 inch.	1
4	I426-1240	BOLT - hex, 3/4 NC x 2-1/2 inch, grade 8	5
4	I426-1240	BOLT - hex, 3/4 NC x 2-1/2 inch, grade 8	10
5	I232-41112	NUT - hex, self-locking, 3/4 inch NC	5
5	I232-41112	NUT - hex, self-locking, 3/4 inch NC	10
6	I1969344C1	FRAME - pull	1
7	I1969346C1	PLATE - spreader	1
8	I543240R1	BAR - spreader spacer	1
9	I413-1248	BOLT - hex, 3/4 NC x 3 inch	2
10	I1969347C1	MOUNT - pull frame.	1
11	I413-12136	BOLT - hex, 3/4 NC x 8-1/2 inch	2
12	I1969348C1	BAR - pull frame mounting.	1
13	I224173C1	PIN - pull frame	1
14	I495-81223	WASHER - flat, 1-17/32 x 2-1/4 x 3/64 inch	2
15	I519250R1	NUT - hex, slotted, 1-1/4 inch NF	1
16	I432-832	PIN - cotter, 1/8 x 2 inch	1
17	I121557A1	JACK - hitch.	1
18	I224094C1	FRAME - extension (If Equipped)	1
19	I426-1240	BOLT - hex, 3/4 NC x 2-1/2 inch, grade 8 (If Equipped)	5
20	I232-41112	NUT - hex, self-locking, 3/4 inch NC (If Equipped)	5
21	I231-42112	NUT - hex, self-locking, 3/4 inch NC	4



HYDRAULIC HITCH AND STEERING LINKAGE

In-The-Furrow Plows

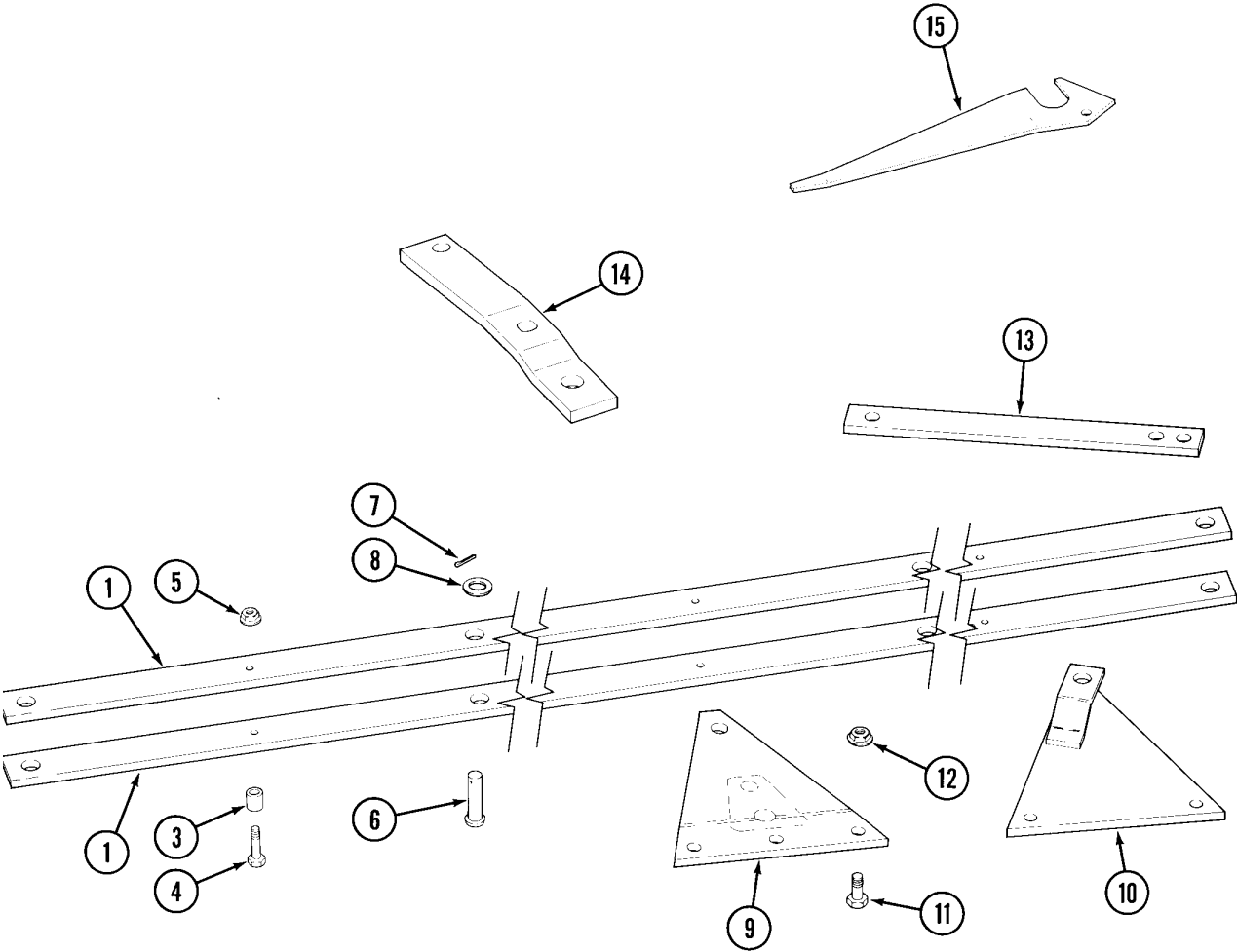
REF.	PART NO.	DESCRIPTION	REQ'D.
1	I1344664C1	PIVOT - crossbar	1
2	I1344541C2	ARM - front steering.	1
3	REF	FRAME - pull (See Page 9-3)	1
5	I1344836C1	CROSS BAR - category II (Not used for 6 furrow).	1
5	I1344837C1	CROSS BAR - category III (Shown)	1
6	I472790R2	PIN - hitch (Category II)	2
6	483659R2	PIN - hitch (Category III) (Shown)	2
8	REF	CYLINDER - hydraulic (See Page 8-15)	1
9	I122754C2	BAR - shift adjustment	1
10	I122734C1	SUPPORT - cylinder anchor	1
11	I1344835C1	BAR - wear	1
12	I219-86	FITTING - grease, straight, self-tap 1/8 PT x 5/8 inch	4
13	I426-1288	BOLT - hex, 3/4 NC x 5-1/2 inch, grade 8	2
14	I426-1296	BOLT - hex, 3/4 NC x 6 inch, grade 8	2
15	I496-11119	WASHER - flat, 1-3/16 x 2-1/4 x 9/64 inch, hardened	2
16	I425-1118	NUT - hex, 1-1/8 inch NF	2
17	I426-1288	BOLT - hex, 3/4 NC x 5-1/2 inch, grade 8	2
18	I232-41112	NUT - hex, self-locking, 3/4 inch NC	7
19	I61625C1	WASHER - flat, 2-17/32 x 3-1/4 x 7/64 inch	1
20	I495-81231	WASHER - flat, 2-17/32 x 3-1/4 x 1/16 inch	UAR
21	I810751C1	PIN - headed, 1 x 3-1/2 inch	2
22	I432-1624	PIN - cotter, 1/4 x 1-1/2 inch	2
23	I413-832	BOLT - hex, 1/2 NC x 2 inch	1
24	I122738C1	SHIM - shifting	UAR
25	I299615C1	CLAMP - P-type, 5/8 inch ID	2
26	I131627C2	BRACKET - mounting	1
27	I522473R1	WASHER - flat, 49/64 x 1-3/4 x 1/8 inch	2
28	I495827R1	SPACER - 25/32 x 1/2 x 1 inch	2
30	I224002C1	ARM - center steering (Not used with 4 furrow).	1
31	I219-87	FITTING - grease, straight, 1/4-28 self-tapping x 9/16 inch.	1
32	I1256873C1	TUBE - steering, outside rear (5 and 6 furrow)	1
33	I1256871C1	TUBE - steering, inside rear (5 and 6 furrow)	1
34	I425-1016	NUT - hex, 1 inch NC	1
35	I426-840	BOLT - hex, 1/2 NC x 2-1/2 inch, grade 8	2
36	I231-4218	NUT - hex, self-locking, 1/2 inch NC	2
37	I1256869C1	TUBE - steering, front (5 and 6 furrow)	1
38	I413-1280	BOLT - hex, 3/4 NC x 5 inch	1
39	I426-1264	BOLT - hex, 3/4 NC x 4 inch, grade 8	2
40	I232-41112	NUT - hex, self-locking, 3/4 inch NC	3
41	I522473R1	WASHER - flat, 49/64 x 1-3/4 x 1/8 inch	3
42	I489858R2	LINK - adjusting	1



RIGID HITCH AND STEERING LINKAGE

In-The-Furrow Plows

REF.	PART NO.	DESCRIPTION	REQ'D.
1	I1344664C1	PIVOT - crossbar	1
2	REF	FRAME - pull (See Page 9-3)	1
3	I1344541C2	ARM - front steering.	1
4	I1344656C1	CROSS BAR - category II	1
4	I1344658C1	CROSS BAR - category III (Shown)	1
6	I426-1288	BOLT - hex, 3/4 NC x 5-1/2 inch, grade 8	4
8	I1344834C1	CLIP - wear	2
9	I1344829C1	BAR - bolt stop (Replaces 1344845C1).	1
10	I1985936C1	BOLT - special.	1
11	I472790R2	PIN - hitch (Category II).	2
11	I483659R2	PIN - hitch (Category III) (Shown)	2
12	I496-11119	WASHER - flat, 1-3/16 x 2-1/4 x 9/64 inch, hardened	2
13	I425-1118	NUT - hex, 1-1/8 inch NF.	2
14	I426-1264	BOLT - hex, 3/4 NC x 4 inch, grade 8	2
15	I232-41112	NUT - hex, self-locking, 3/4 inch NC	6
16	I61625C1	WASHER - flat, 2-17/32 x 3-1/4 x 7/64 inch	1
17	I495-81231	WASHER - flat, 2-17/32 x 3-1/4 x 1/16 inch	UAR
19	I432-1624	PIN - cotter, 1/4 x 1-1/2 inch	4
20	I439-51644	PIN - headed, 1 x 2-3/4 inch	4
21	I480249R1	TURNBUCKLE - landing yoke (If Equipped)	2
22	I1344919C1	YOKE - turnbuckle, left-hand thread, left (If Equipped)	2
23	I1344920C1	YOKE - turnbuckle, right-hand thread, right (If Equipped)	2
24	I425-1016	NUT - hex, 1 inch NC (If Equipped).	4
25	I1344913C1	TUBE - steering	1
26	I489858R2	LINK - adjusting	1
27	I425-1016	NUT - hex, 1 inch NC.	1
28	I1256871C1	TUBE - steering, inside	1
29	I426-840	BOLT - hex, 1/2 NC x 2-1/2 inch, grade 8	2
30	I231-4218	NUT - hex, self-locking, 1/2 inch NC	2
31	I426-1264	BOLT - hex, 3/4 NC x 4 inch, grade 8	2
32	I230-42112	NUT - hex, self-locking, 3/4 inch NC	2
33	I522473R1	WASHER - flat, 49/64 x 1-3/4 x 1/8 inch	2
34	I492-11075	WASHER - lock, 3/4 inch.	2
35	I425-1012	NUT - hex, 3/4 inch NC	2
36	I495827R1	SPACER - 25/32 x 1/2 x 1 inch	2

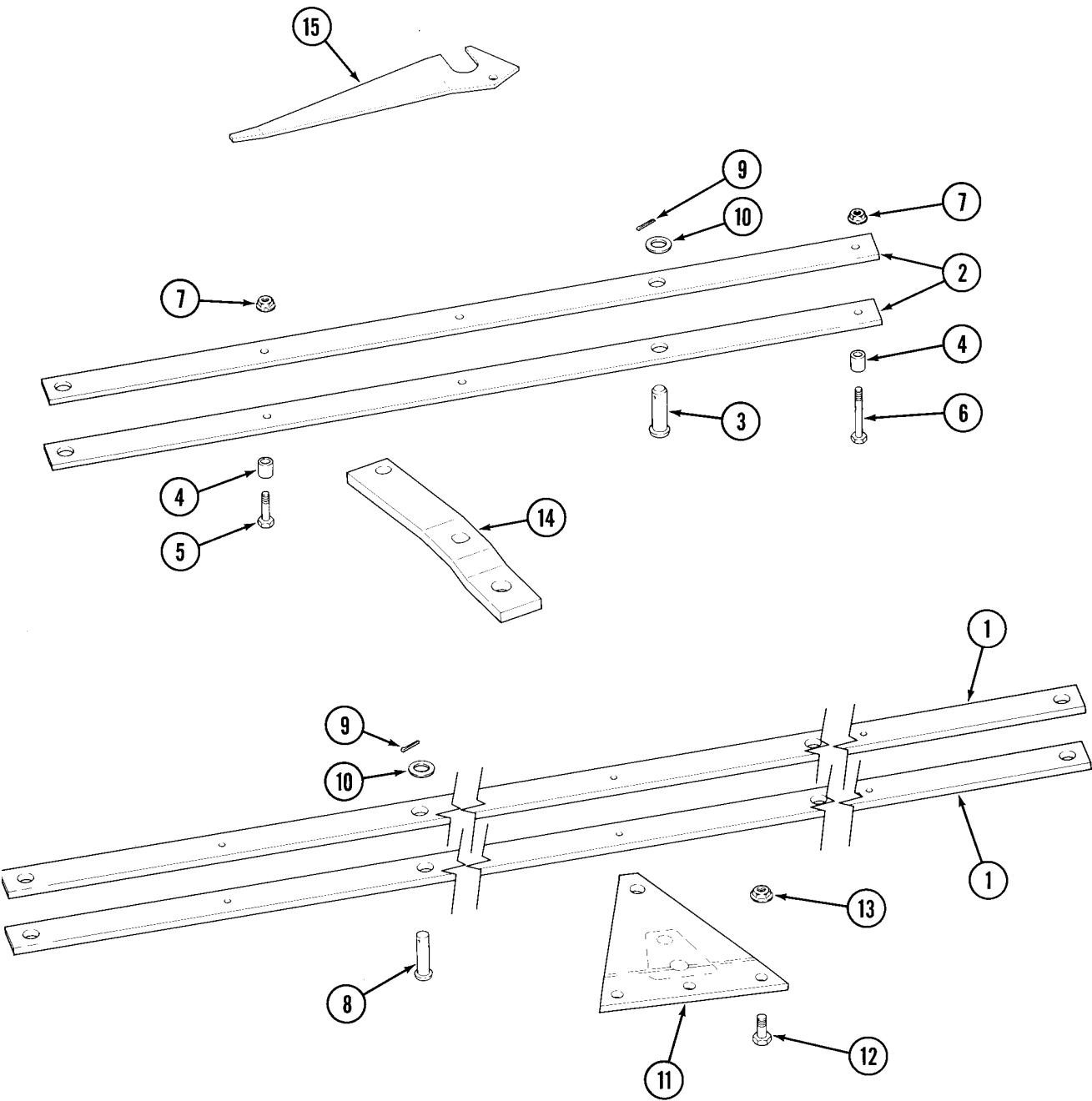


7501 Moldboard Plow
VARI-WIDTH LINKAGE
In-The-Furrow Plows

9-11

REF.	PART NO.	DESCRIPTION	REQ'D.
1	I1344556C1	BAR - parallel (4 furrow)	2
1	I1344557C1	BAR - parallel (5 furrow) (Shown)	2
1	I1344558C1	BAR - parallel (6 furrow)	2
3	I605210R1	SPACER - 1/2 ID x 1-1/8 inch (4 furrow)	5
3	I605210R1	SPACER - 1/2 ID x 1-1/8 inch (5 furrow)	7
3	I605210R1	SPACER - 1/2 ID x 1-1/8 inch (6 furrow)	9
4	I413-844	BOLT - hex, 1/2 NC x 2-3/4 inch (4 furrow)	5
4	I413-844	BOLT - hex, 1/2 NC x 2-3/4 inch (5 furrow)	7
4	I413-844	BOLT - hex, 1/2 NC x 2-3/4 inch (6 furrow)	9
5	I231-4218	NUT - hex, self-locking, 1/2 inch NC (4 furrow)	5
5	I231-4218	NUT - hex, self-locking, 1/2 inch NC (5 furrow)	7
5	I231-4218	NUT - hex, self-locking, 1/2 inch NC (6 furrow)	9
6	I439-51644	PIN - headed, 1 x 2-3/4 inch (4 furrow)	5
6	I439-51644	PIN - headed, 1 x 2-3/4 inch (5 furrow)	6
6	I439-51644	PIN - headed, 1 x 2-3/4 inch (6 furrow)	7
7	I432-1624	PIN - cotter, 1/4 x 1-1/2 inch (4 furrow)	5
7	I432-1624	PIN - cotter, 1/4 x 1-1/2 inch (5 furrow)	6
7	I432-1624	PIN - cotter, 1/4 x 1-1/2 inch (6 furrow)	7
8	I495-11106	WASHER - flat, 1-1/16 x 2 x 1/8 inch (4 furrow)	5
8	I495-11106	WASHER - flat, 1-1/16 x 2 x 1/8 inch (5 furrow)	6
8	I495-11106	WASHER - flat, 1-1/16 x 2 x 1/8 inch (6 furrow)	7
9	I101870A1	PLATE - parallel, bent (4 furrow) (Replaces 131867C1)	4
9	I101870A1	PLATE - parallel, bent (5 furrow) (Replaces 131867C1)	5
9	I101870A1	PLATE - parallel, bent (6 furrow) (Replaces 131867C1)	6
10	I224286C1	PLATE - front parallel (See Note)	1
11	I413-1232	BOLT - hex, 3/4 NC x 2 inch (4 furrow)	9
11	I413-1232	BOLT - hex, 3/4 NC x 2 inch (5 furrow)	12
11	I413-1232	BOLT - hex, 3/4 NC x 2 inch (6 furrow)	15
12	I231-42112	NUT - hex, self-locking, 3/4 inch NC (4 furrow)	9
12	I231-42112	NUT - hex, self-locking, 3/4 inch NC (5 furrow)	12
12	I231-42112	NUT - hex, self-locking, 3/4 inch NC (6 furrow)	15
13	I224289C1	BAR - shift linkage (See Note)	1
14	I1344577C1	ARM - shifting (Not used on plows equipped with hydraulic hitch)	1
15	I1344994C1	ARM - indicator	1

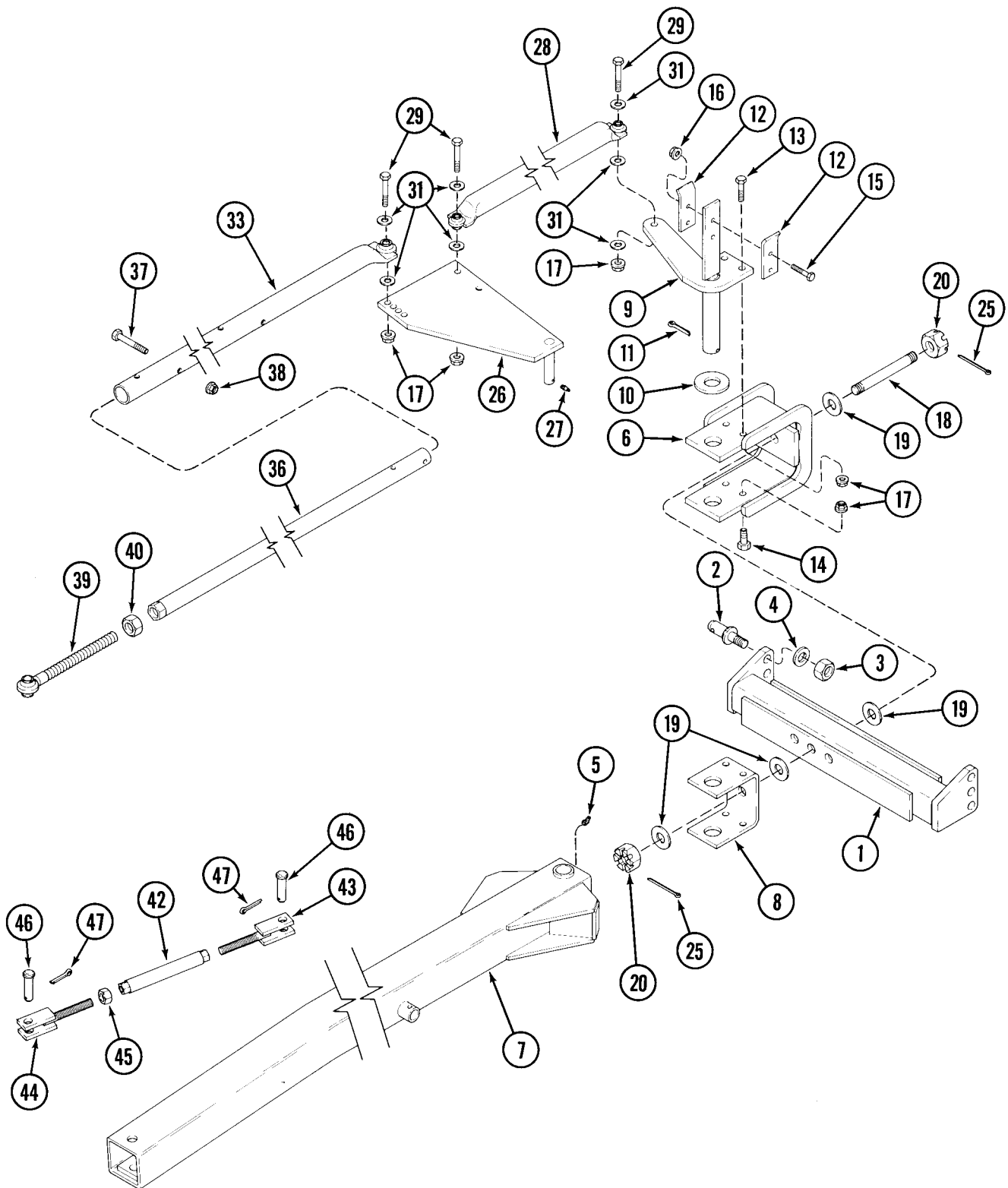
NOTE: Used on plows equipped with hydraulic hitch.



7501 Moldboard Plow
VARI-WIDTH LINKAGE
On-The-Land Plows

9-13

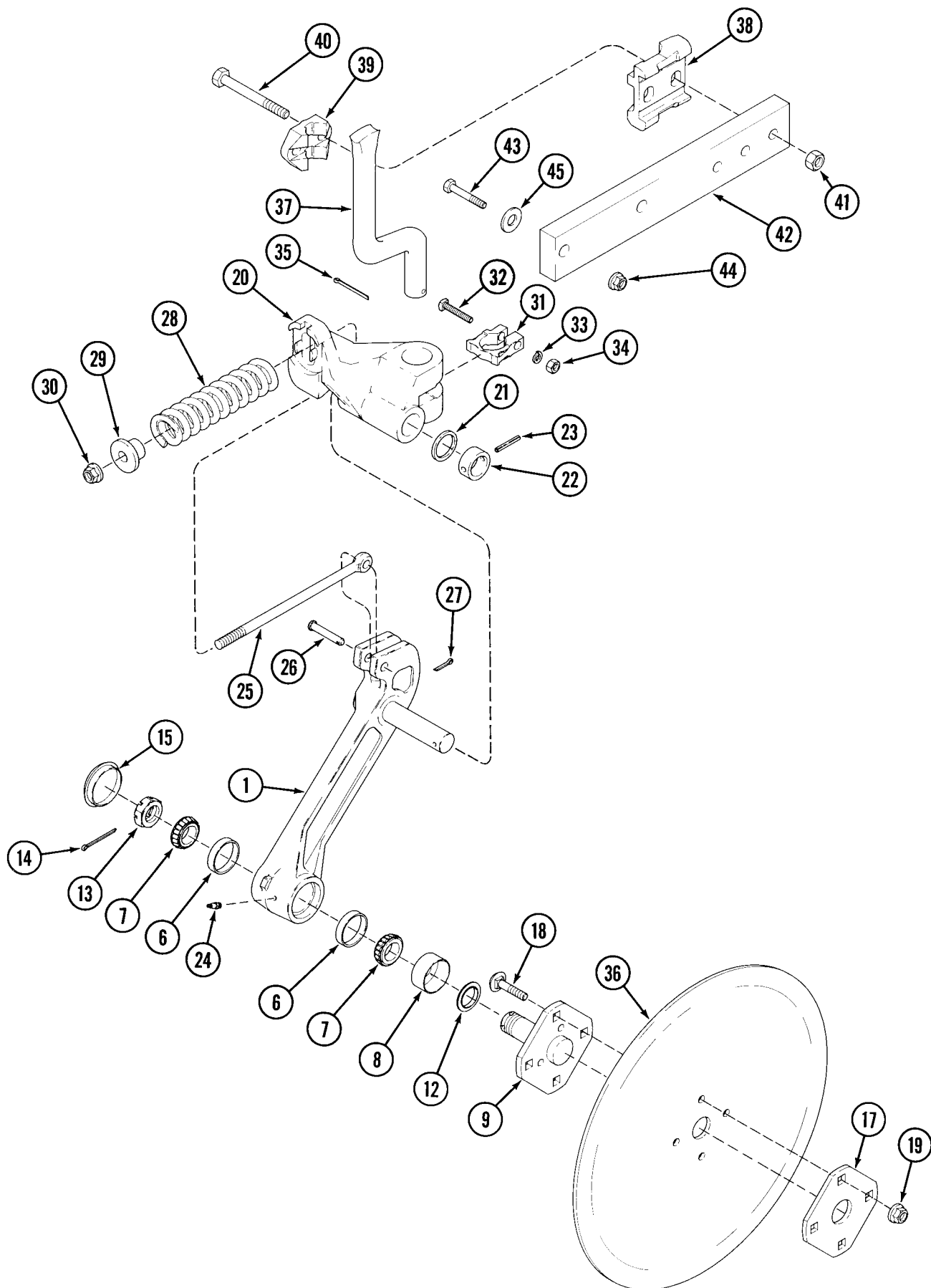
REF.	PART NO.	DESCRIPTION	REQ'D.
1	I1344557C1	BAR - parallel (5 furrow) (Shown)	2
1	I1344558C1	BAR - parallel (6 and 7 furrow)	2
2	I224197C1	BAR - parallel extension (7 furrow)	2
3	I810751C1	PIN - headed, 1 x 3-1/2 inch	1
4	I605210R1	SPACER - 1/2 ID x 1-1/8 inch (5 furrow)	8
4	I605210R1	SPACER - 1/2 ID x 1-1/8 inch (6 furrow)	10
4	I605210R1	SPACER - 1/2 ID x 1-1/8 inch (7 furrow)	12
5	I413-844	BOLT - hex, 1/2 NC x 2-3/4 inch (5 furrow)	8
5	I413-844	BOLT - hex, 1/2 NC x 2-3/4 inch (6 furrow)	10
5	I413-844	BOLT - hex, 1/2 NC x 2-3/4 inch (7 furrow)	12
6	I413-864	BOLT - hex, 1/2 NC x 4 inch	1
7	I231-4218	NUT - hex, self-locking, 1/2 inch NC (5 furrow)	8
7	I231-4218	NUT - hex, self-locking, 1/2 inch NC (6 furrow)	10
7	I231-4218	NUT - hex, self-locking, 1/2 inch NC (7 furrow)	13
8	I439-51644	PIN - headed, 1 x 2-3/4 inch (5 furrow)	6
8	I439-51644	PIN - headed, 1 x 2-3/4 inch (6 furrow)	7
8	I439-51644	PIN - headed, 1 x 2-3/4 inch (7 furrow)	6
9	I432-1624	PIN - cotter, 1/4 x 1-1/2 inch (5 furrow)	6
9	I432-1624	PIN - cotter, 1/4 x 1-1/2 inch (6 furrow)	7
9	I432-1624	PIN - cotter, 1/4 x 1-1/2 inch (7 furrow)	8
10	I495-11106	WASHER - flat, 1-1/16 x 2 x 1/8 inch (5 furrow)	6
10	I495-11106	WASHER - flat, 1-1/16 x 2 x 1/8 inch (6 furrow)	7
10	I495-11106	WASHER - flat, 1-1/16 x 2 x 1/8 inch (7 furrow)	8
11	I101870A1	PLATE - parallel, bent (5 furrow) (Replaces 131867C1)	5
11	I101870A1	PLATE - parallel, bent (6 furrow) (Replaces 131867C1)	6
11	I101870A1	PLATE - parallel, bent (7 furrow) (Replaces 131867C1)	7
12	I413-1232	BOLT - hex, 3/4 NC x 2 inch (5 furrow)	15
12	I413-1232	BOLT - hex, 3/4 NC x 2 inch (6 furrow)	18
12	I413-1232	BOLT - hex, 3/4 NC x 2 inch (7 furrow)	21
13	I231-42112	NUT - hex, self-locking, 3/4 inch NC (5 furrow)	15
13	I231-42112	NUT - hex, self-locking, 3/4 inch NC (6 furrow)	18
13	I231-42112	NUT - hex, self-locking, 3/4 inch NC (7 furrow)	21
14	I1344577C1	ARM - shifting	1
15	I1344994C1	ARM - indicator	1



HITCH AND STEERING LINKAGE

On-The-Land Plows

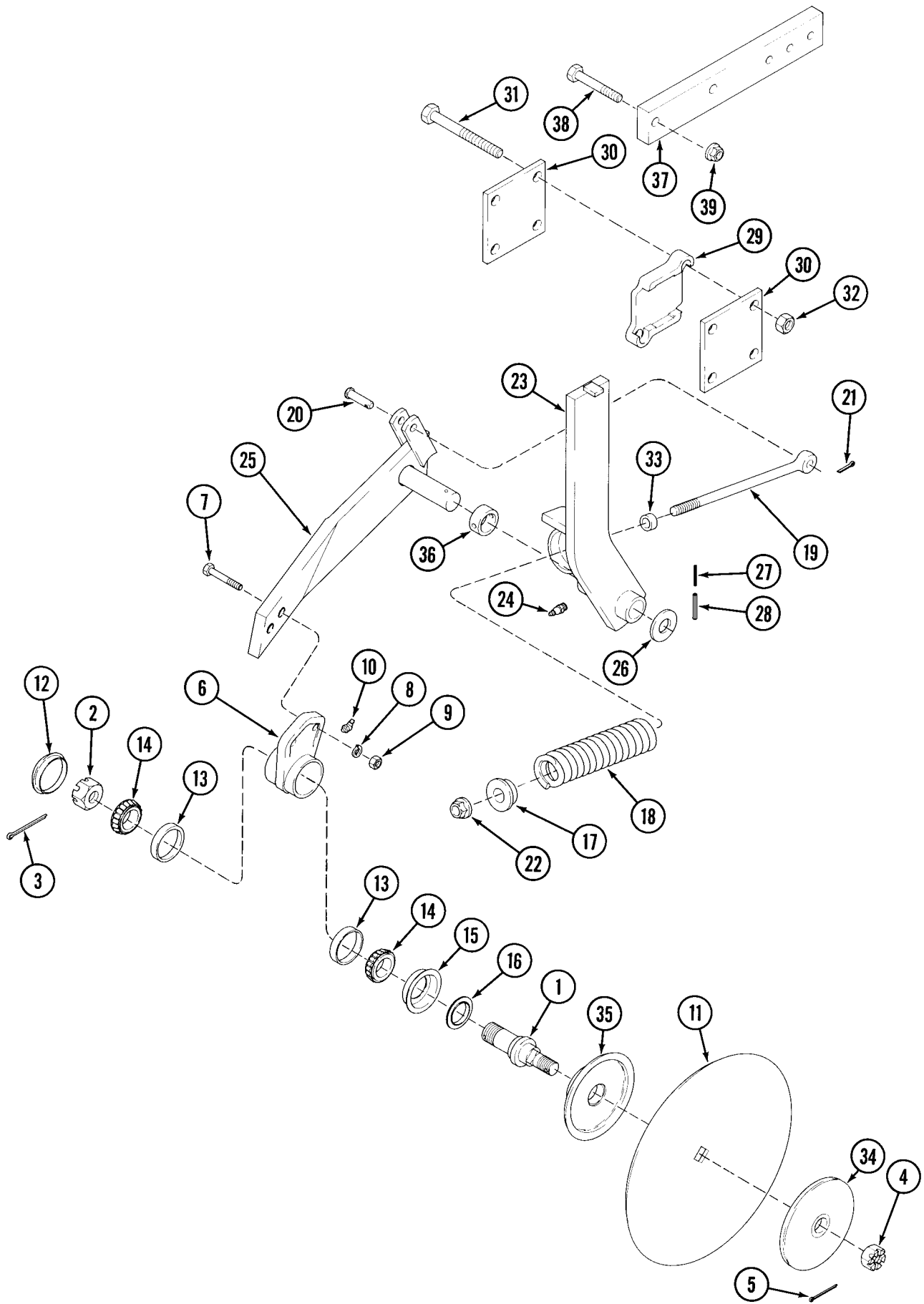
REF.	PART NO.	DESCRIPTION	REQ'D.
1	I1978671C1	CROSS BAR - category II	1
1	I1978673C1	CROSS BAR - category III (Shown)	1
2	I472790R2	PIN - hitch (Category II)	2
2	I483659R2	PIN - hitch (Category III) (Shown)	2
3	I425-1118	NUT - hex, 1-1/8 inch NF.	2
4	I496-11119	WASHER - flat, 1-3/16 x 2-1/4 x 9/64 inch, hardened	2
5	I219-90	FITTING - grease, 45 degree, 1/4-28 special taper x 13/16 inch	1
6	I1986286C1	YOKE - crossbar	1
7	REF	FRAME - pull (See Page 9-5)	1
8	I1986291C1	SUPPORT - yoke.	1
9	I1986282C1	PIVOT - hitch	1
10	I488175R1	WASHER - flat.	1
11	I432-2448	PIN - cotter, 3/8 x 3 inch	1
12	I58644C1	HOLDER - hydraulic hose	2
13	I413-1260	BOLT - hex, 3/4 NC x 3-3/4 inch	2
14	I413-1228	BOLT - hex, 3/4 NC x 1-3/4 inch	2
15	I413-848	BOLT - hex, 1/2 NC x 3 inch	2
16	I231-4118	NUT - hex, self-locking, 1/2 inch NC	2
17	I231-42112	NUT - hex, self-locking, 3/4 inch NC	8
18	I1986293C1	PIN - pivot	1
19	I495-81207	WASHER - flat, 1-9/32 x 2-1/2 x 1/16 inch	4
20	I519250R1	NUT - hex, slotted, 1-1/4 inch NF	2
25	I432-832	PIN - cotter, 1/8 x 2 inch	2
26	I1986173C1	ARM - center steering	1
27	I219-87	FITTING - grease, straight, 1/4-28 self-tapping x 9/16 inch.	1
28	I1976226C1	TUBE - front steering.	1
29	I413-1252	BOLT - hex, 3/4 NC x 3-1/4 inch	4
31	I522473R1	WASHER - flat, 49/64 x 1-3/4 x 1/8 inch	8
33	I1986171C1	TUBE - center steering, outside (5 furrow)	1
33	I1256894C1	TUBE - center steering, outside (6 and 7 furrow)	1
36	I1256871C1	TUBE - steering, inside rear	1
37	I426-840	BOLT - hex, 1/2 NC x 2-1/2 inch, grade 8	2
38	I231-4118	NUT - hex, self-locking, 1/2 inch NC	2
39	I489858R2	LINK - adjusting	1
40	I425-1016	NUT - hex, 1 inch NC.	1
42	I480249R1	TURNBUCKLE - landing yoke	1
43	I1344919C1	YOKE - turnbuckle, left-hand thread	1
44	I1344920C1	YOKE - turnbuckle, right-hand thread	1
45	I425-1016	NUT - hex, 1 inch NC.	1
46	I439-51644	PIN - headed, 1 x 2-3/4 inch	2
47	I432-1624	PIN - cotter, 1/4 x 1-1/2 inch	2



ROLLING COULTER**Heavy Duty Spring Cushion Type**

REF.	PART NO.	DESCRIPTION	REQ'D.
1	I224274C1	ARM - cast	1
6	I651817R1	CUP - tapered roller bearing	2
7	I651818R91	CONE - tapered roller bearing	2
8	I472633R1	SLEEVE - wear	1
9	I224063C1	SPINDLE - coultter	1
12	I472221R91	SEAL - oil.	1
13	I519250R1	NUT - hex, slotted, 1-1/4 inch NF	1
14	I432-832	PIN - cotter, 1/8 x 2 inch	1
15	I224066C1	CAP - hub	1
17	I224067C1	SUPPORT - disk, outer	1
18	I434-820	BOLT - carriage, 1/2 NC x 1-1/4 inch	4
19	I231-5348	NUT - hex flange, self-locking, 1/2 inch NC.	4
20	I224068C1	SUPPORT - coultter	1
21	I495-81202	WASHER - flat, 1-9/32 x 1-3/4 x 1/16 inch	1
22	I61570C1	COLLAR - coultter arm	1
23	I438-32032	PIN - roll, 5/16 x 2 inch	1
24	I219-87	FITTING - grease, straight, 1/4-28 self-tapping x 9/16 inch.	2
25	I480344R1	EYEBOLT - 5/8 inch NC	1
26	I439-1834	PIN - headed, 1/2 x 2-1/8 inch, grade 2.	1
27	I432-1216	PIN - cotter, 3/16 x 1 inch	1
28	I487698R1	SPRING - cushion, 13-1/2 coils.	1
29	I487697R1	RETAINER - spring	1
30	I231-41110	NUT - hex, self-locking, 5/8 inch NC	1
31	I112844C1	CLAMP - stop collar.	1
32	I18929R1	BOLT - square head, 7/16 NC x 2-1/2 inch	1
33	I492-11044	WASHER - lock, 7/16 inch.	1
34	I425-107	NUT - hex, 7/16 inch NC	1
35	I432-2036	PIN - cotter, 5/16 x 2-1/4 inch	1
36	I28341R1	DISK - coultter, rippled edge, 20 inch.	1
36	I122567C1	DISK - coultter, 22 inch rippled edge	1
37	I488792R1	SHANK - coultter	1
38	I524456R3	CLAMP - coultter	1
39	I524492R1	CAP - coultter clamp.	1
40	I413-1072	BOLT - hex, 5/8 NC x 4-1/2 inch	2
41	I425-1010	NUT - hex, 5/8 inch NC	2
42	I224272C1	BAR - coultter stub	1
43	I413-1244	BOLT - hex, 3/4 NC x 2-3/4 inch	2
44	I231-42112	NUT - hex, self-locking, 3/4 inch NC	2
45	I495-81042	WASHER - flat, 25/32 x 1-1/2 x 7/64 inch	2

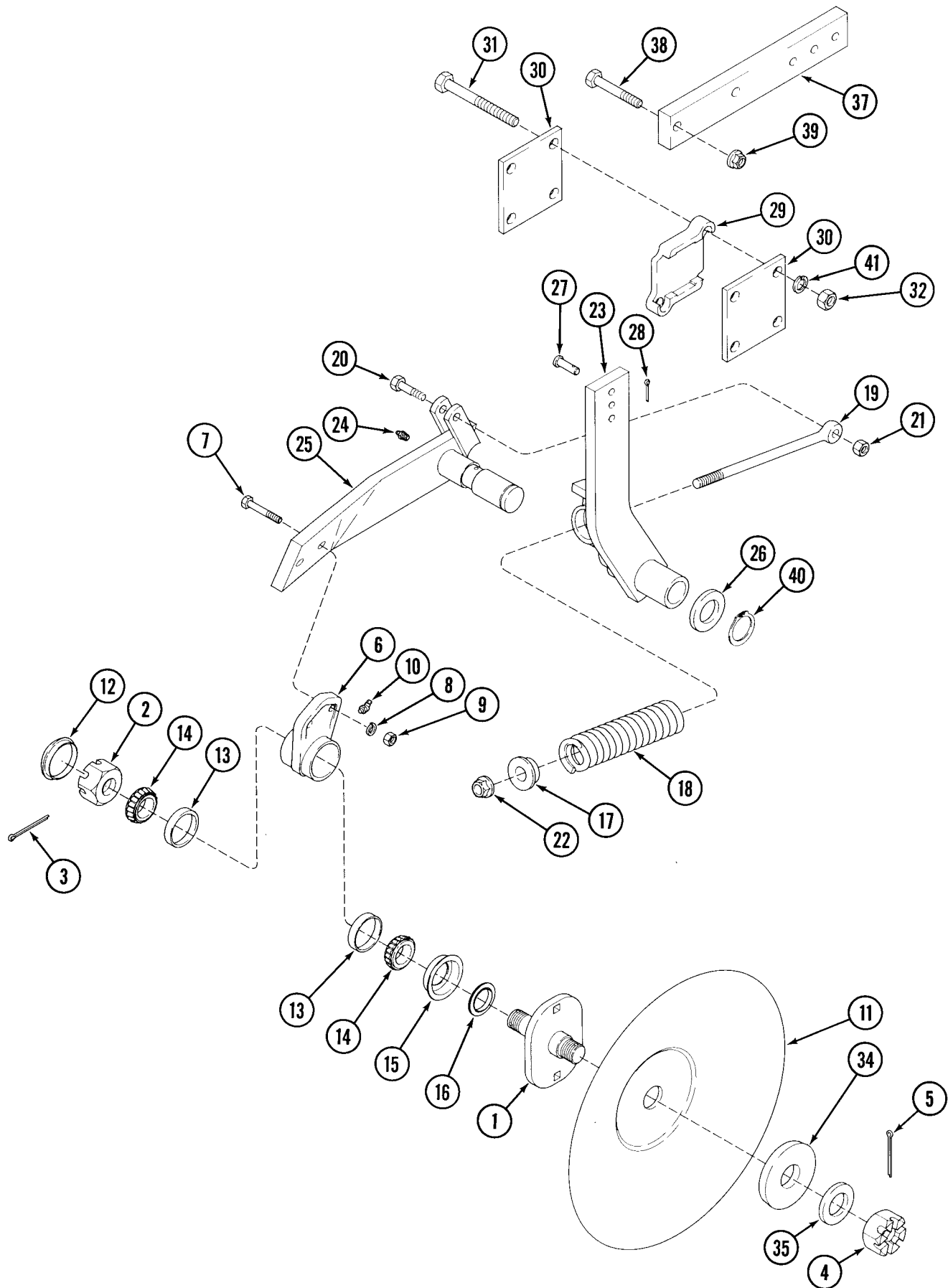
NOTE: Quantity listed is per furrow.



ROLLING COULTER**Spring Cushion Type With Cast Arm**

REF.	PART NO.	DESCRIPTION	REQ'D.
1	I61452C1	SPINDLE - colter	1
2	I519250R1	NUT - hex, slotted, 1-1/4 inch NF	1
3	I432-828	PIN - cotter, 1/8 x 1-3/4 inch	1
4	I429-1314	NUT - hex, slotted, 7/8 inch NF, grade 8	1
5	I432-1224	PIN - cotter, 3/16 x 1-1/2 inch	1
6	I541482R1	HOUSING - bearing	1
7	I413-836	BOLT - hex, 1/2 NC x 2-1/4 inch	2
8	I492-11050	WASHER - lock, 1/2 inch	2
9	I425-108	NUT - hex, 1/2 inch NC	2
10	I219-90	FITTING - grease, 45 degree, 1/4-28 special taper x 13/16 inch	1
11	I31200R1	DISC - coulter, 20 inch plane edge	1
12	I518842R1	CAP - hub	1
13	I651817R1	CUP - tapered roller bearing	2
14	I651818R91	CONE - tapered roller bearing	2
15	I472222R1	SLEEVE - oil seal	1
16	I472221R91	SEAL - oil	1
17	I487697R1	RETAINER - spring	1
18	I487698R1	SPRING - cushion, 13-1/2 coils	1
19	I480344R1	EYEBOLT - 5/8 inch NC	1
20	I439-1828	PIN - headed, 1/2 x 1-3/4 inch, grade 2	1
21	I432-1220	PIN - cotter, 3/16 x 1-1/4 inch	1
22	I232-41110	NUT - hex, self-locking, 5/8 inch NC	1
23	I61446C1	STANDARD - bent	1
24	I219-87	FITTING - grease, straight, 1/4-28 self-tapping x 9/16 inch	1
25	I61447C1	ARM - coulter	1
26	I162677C1	WASHER - flat, 1-9/32 x 1-3/4 x 1/16 inch	1
27	I19716R1	PIN - coiled spring, 3/16 x 1-3/4 inch	1
28	I38-32028	PIN - roll, 5/16 x 1-3/4 inch	1
29	I61453C1	BLOCK - adjusting	1
30	I61450C1	PLATE - clamp	2
31	I413-1076	BOLT - hex, 5/8 NC x 4-3/4 inch	4
32	I425-1010	NUT - hex, 5/8 inch NC	4
33	I484624R1	SPACER - rod	1
34	I519086R2	SUPPORT - disc	1
35	I61451C1	SUPPORT - disk, inner	1
36	I61570C1	COLLAR - coulter arm	1
37	I224272C1	BAR - coulter stub	1
38	I413-1244	BOLT - hex, 3/4 NC x 2-3/4 inch	2
39	I230-42112	NUT - hex, self-locking, 3/4 inch NC	2

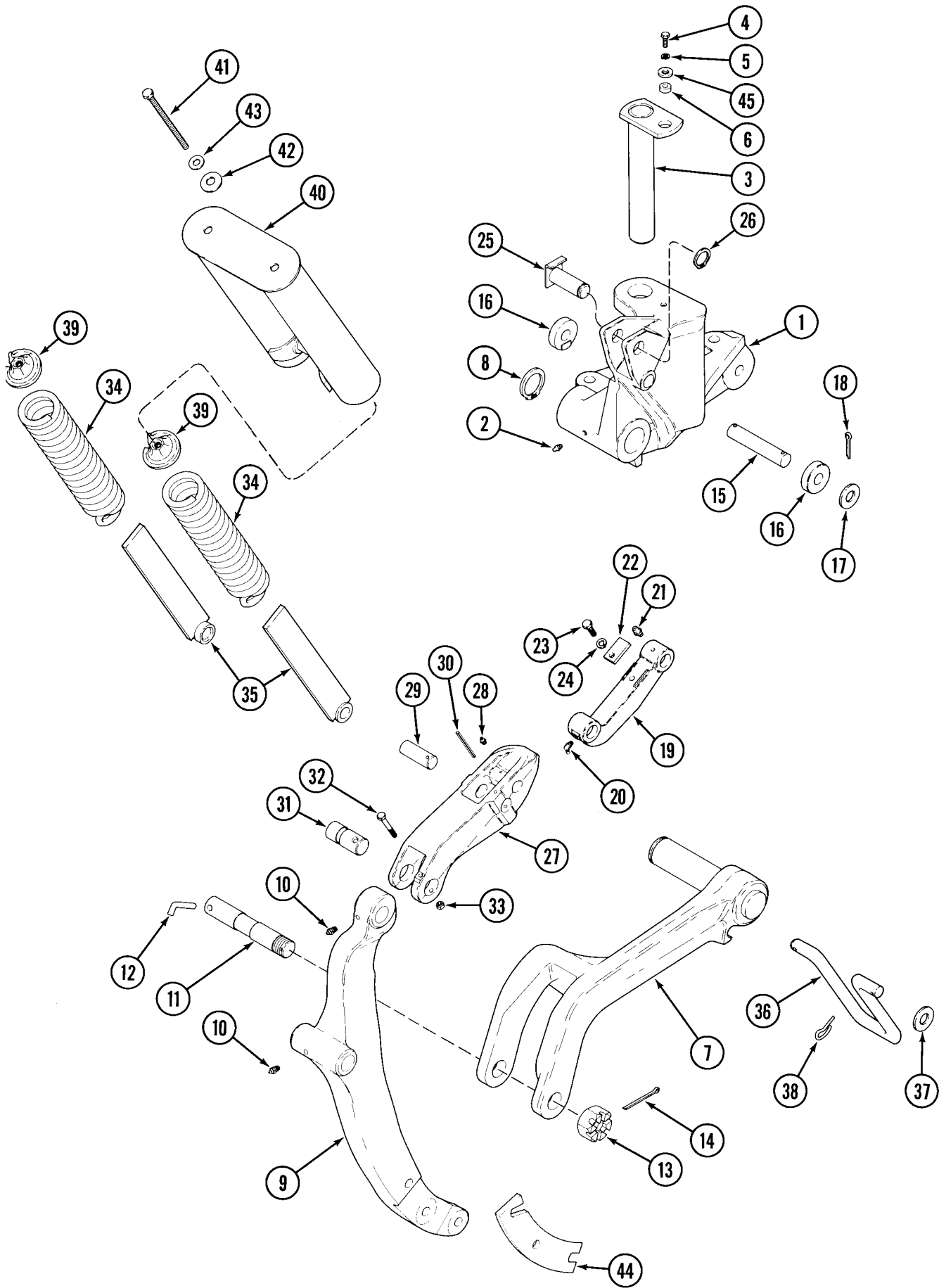
NOTE: Quantity listed is per furrow.



ROLLING COULTER**Spring Cushion Type With Crimped Coulter Blade**

REF.	PART NO.	DESCRIPTION	REQ'D.
1	I1995604C1	SPINDLE - coulter	1
2	I519250R1	NUT - hex, slotted, 1-1/4 inch NF	1
3	I432-824	PIN - cotter, 1/8 x 1-1/2 inch	1
4	I519250R1	NUT - hex, slotted, 1-1/4 inch NF	1
5	I432-1224	PIN - cotter, 3/16 x 1-1/2 inch	1
6	I541482R1	HOUSING - bearing.	1
7	I413-836	BOLT - hex, 1/2 NC x 2-1/4 inch	2
8	I492-11050	WASHER - lock, 1/2 inch.	2
9	I425-108	NUT - hex, 1/2 inch NC	2
10	I219-87	FITTING - grease, straight, 1/4-28 self-tapping x 9/16 inch.	1
11	I31232R2	DISK - solid, 508 x 6.5 mm	1
11	I31196R1	DISK - notched, 508 x 5 mm	1
11	I31217R2	DISK - solid, 559 x 6.5 mm	1
11	I31197R1	DISK - notched, 559 x 5 mm	1
11	I31395R1	DISK - notched, 457 x 4.5 mm.	1
12	I518842R1	CAP - hub	1
13	I651817R1	CUP - tapered roller bearing	2
14	I651818R91	CONE - tapered roller bearing.	2
15	I472222R1	SLEEVE - oil seal	1
16	I472221R91	SEAL - oil.	1
17	I487697R1	RETAINER - spring	1
18	I487698R1	SPRING - cushion	1
19	I480344R1	EYEBOLT - 5/8 inch NC	1
20	I413-840	BOLT - hex, 1/2 NC x 2-1/2 inch	1
21	I231-4138	NUT - hex, self-locking, 1/2 inch NC	1
22	I231-14410	NUT - hex, self-locking, 5/8 inch NC	1
23	I106574A1	STANDARD - bent.	1
24	I219-87	FITTING - grease, straight, 1/4-28 self-tapping x 9/16 inch.	1
25	I106575A1	ARM - coulter.	1
26	I1284383C1	WASHER - arbor bolt.	1
27	I439-1820	PIN - headed, 1/2 x 2-1/4 inch.	1
28	I432-816	PIN - cotter, 1/8 x 1 inch	1
29	I61453C1	BLOCK - adjusting.	1
30	I61450C1	PLATE - clamp.	2
31	I413-1072	BOLT - hex, 5/8 NC x 4-1/2 inch	4
32	I425-1010	NUT - hex, 5/8 inch NC	4
34	I139773C1	WASHER - end	1
35	I396-31131	WASHER - flat, 1-3/8 x 2-1/2 x 1/4 inch, hardened	1
36	I61570C1	COLLAR - coulter arm	1
37	I224272C1	BAR - coulter stub	1
38	I413-1244	BOLT - hex, 3/4 NC x 2-3/4 inch	2
39	I230-42112	NUT - hex, self-locking, 3/4 inch NC	2
40	I100-11162	RING - external retaining, No. 162	1
41	I492-11062	WASHER - lock, 5/8 inch.	4

NOTE: Quantity listed is per furrow.



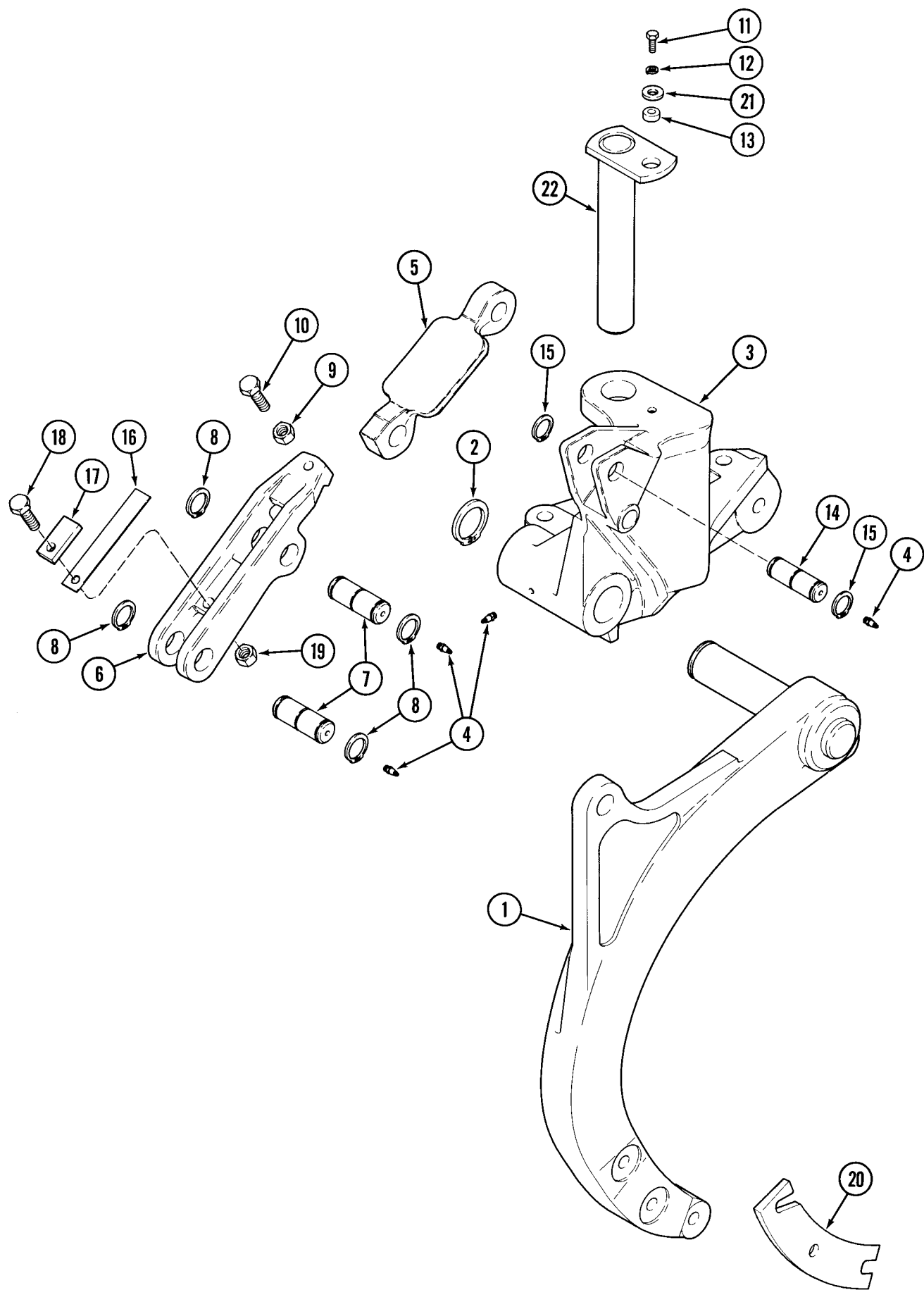
7501 Moldboard Plow

AUTOMATIC TRIP BEAM

9-23

REF.	PART NO.	DESCRIPTION	REQ'D.
1	I224092C1	BRACKET - auto trip	1
2	I219-87	FITTING - grease, straight, 1/4-28 self-tapping x 9/16 inch.	1
3	I1256892C1	PIN - pivot	1
4	I426-824	BOLT - hex, 1/2 NC x 1-1/2 inch, grade 8	1
5	I492-11050	WASHER - lock, 1/2 inch.	1
6	I600179R1	SPACER - grate and cage bar.	1
7	I55366C4	BEAM - lower link	1
8	I103-16200	RING - heavy external retaining, No. 200	1
9	I121224A1	BEAM - auto trip (Replaces 61056C2)	1
10	I219-87	FITTING - grease, straight, 1/4-28 self-tapping x 9/16 inch.	2
11	I485526R1	SHAFT - pivot	1
12	I813175C2	PIN - special, lock	1
13	I519250R1	NUT - hex, slotted, 1-1/4 inch NF	1
14	I432-840	PIN - cotter, 1/8 x 2-1/2 inch	1
15	I485534R2	PIN - retaining, upper mounting roller	1
16	I61561C1	SPACER - stop roller	2
17	I495-81073	WASHER - flat, 1-1/32 x 1-3/4 x 1/16 inch	2
18	I432-1224	PIN - cotter, 3/16 x 1-1/2 inch	2
19	I485537R4	LINK - front	1
20	I219-57	FITTING - grease, 90 degree, 1/4-28 taper x 3/4 inch.	1
21	I219-8	FITTING - grease, straight, 1/4-28 taper x 17/32 inch.	1
22	I489152R2	STRAP - load adjusting	1
23	I426-520	BOLT - hex, 5/16 NC x 1-1/4 inch, grade 8	1
24	I492-11031	WASHER - lock, 5/16 inch.	1
25	I485539R1	PIN - front link	1
26	I100-1698	RING - heavy external retaining, No. 98	1
27	I485542R6	LINK - upper rear	1
28	I219-87	FITTING - grease, straight, 1/4-28 self-tapping x 9/16 inch.	1
29	I485543R1	PIN - upper link center.	1
30	I438-31440	PIN - roll, 7/32 x 2-1/2 inch	1
31	I121225A1	PIN - pivot, plow beam.	1
32	I413-548	BOLT - hex, 5/16 NC x 3 inch	1
33	I231-4115	NUT - hex, self-locking, 5/16 inch NC	4
34	I118674A1	SPRING - extension (Replaces 485557R1)	2
35	I485545R1	BAR - spring insert.	2
36	I485544R1	HOLDER - spring mounting hook	1
37	I486365R1	WASHER - flat, hardened, 29/32 x 1-1/2 x 1/16 inch	2
38	I460309R1	PIN - hair	2
39	I485548R2	ADJUSTER - spring.	2
40	I485551R3	TUBE - spring	1
41	I485555R1	BOLT - hex, full thread, 1/2 NC x 4-1/4 inch	2
42	I495-81169	WASHER - flat, 17/32 x 2-1/2 x 3/64 inch	2
43	I495-81021	WASHER - flat, 17/32 x 1 x 7/64 inch	2
44	I491899R1	SHIM - beam (If Equipped)	UAR
45	I495-11053	WASHER - flat, 17/32 x 1-1/16 x 3/32 inch	1

NOTE: Quantity listed is per furrow.

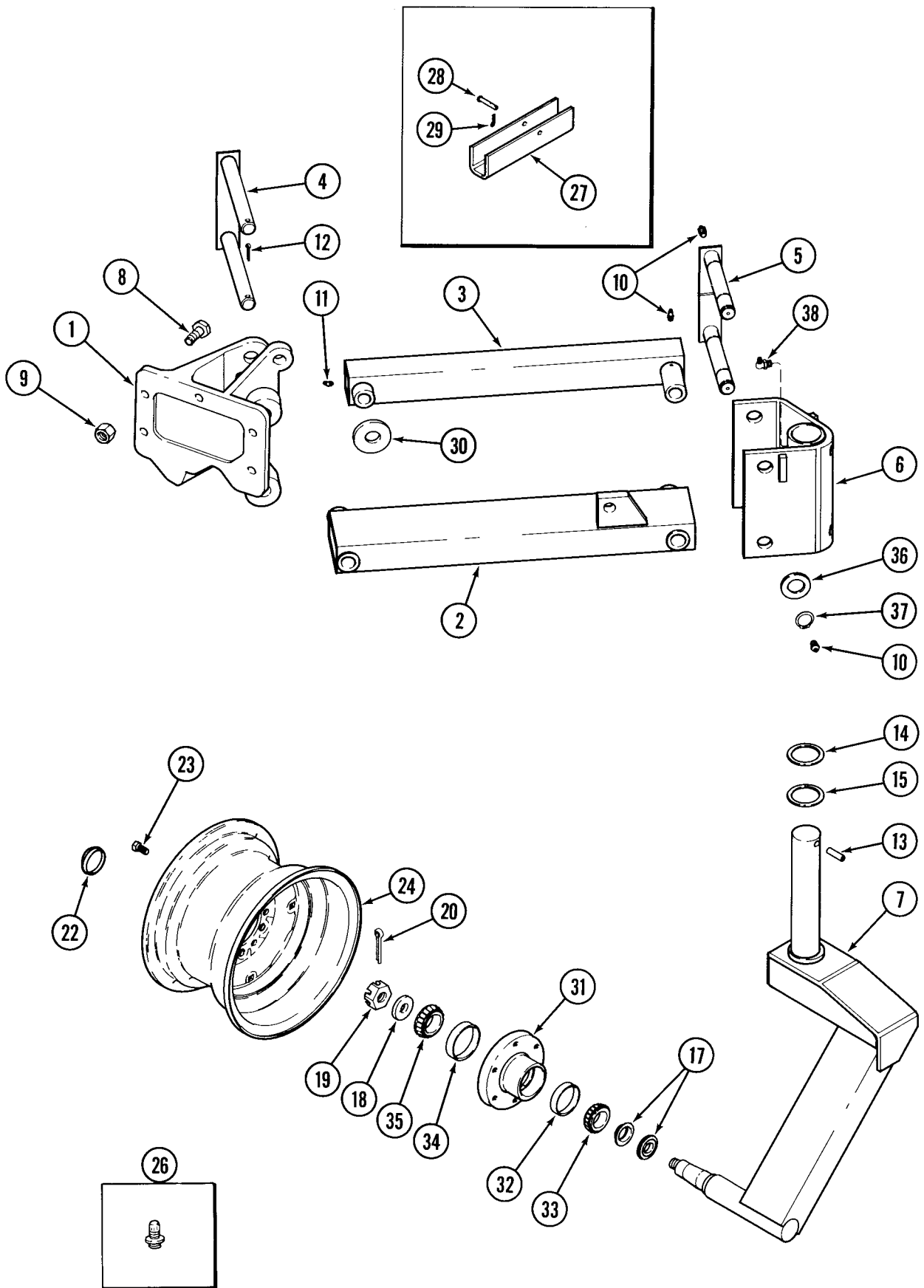


7501 Moldboard Plow
TOGGLE TRIP BEAM

9-25

REF.	PART NO.	DESCRIPTION	REQ'D.
1	I224140C1	BEAM - toggle trip	1
2	I103-16200	RING - heavy external retaining, No. 200	1
3	I224092C1	BRACKET - auto trip	1
4	I219-87	FITTING - grease, straight, 1/4-28 self-tapping x 9/16 inch.	4
	I1986067C1	LINK - toggle, front and rear	1
5	NSS	LINK - front.	1
6	NSS	LINK - rear	1
7	I1256897C1	PIN - pivot.	2
8	I100-16112	RING - heavy external retaining, No. 112	2
9	I425-148	NUT - hex, jam, 1/2 inch NC	3
10	I426-824	BOLT - hex, 1/2 NC x 1-1/2 inch, grade 8	1
11	I426-824	BOLT - hex, 1/2 NC x 1-1/2 inch, grade 8	1
12	I492-11050	WASHER - lock, 1/2 inch.	1
13	I600179R1	SPACER - grate and cage bar.	1
14	I131948C2	PIN - toggle pivot.	1
15	I100-1698	RING - heavy external retaining, No. 98	2
16	I224273C1	SPRING - keeper.	1
17	I1256865C1	RETAINER - spring	1
18	I413-624	BOLT - hex, 3/8 NC x 1-1/2 inch	1
19	I128366C1	NUT - hex, self-locking, 3/8 inch NC	1
20	I491899R1	SHIM - beam	UAR
21	I495-11053	WASHER - flat, 17/32 x 1-1/16 x 3/32 inch	1
22	I1256892C1	PIN - pivot	1

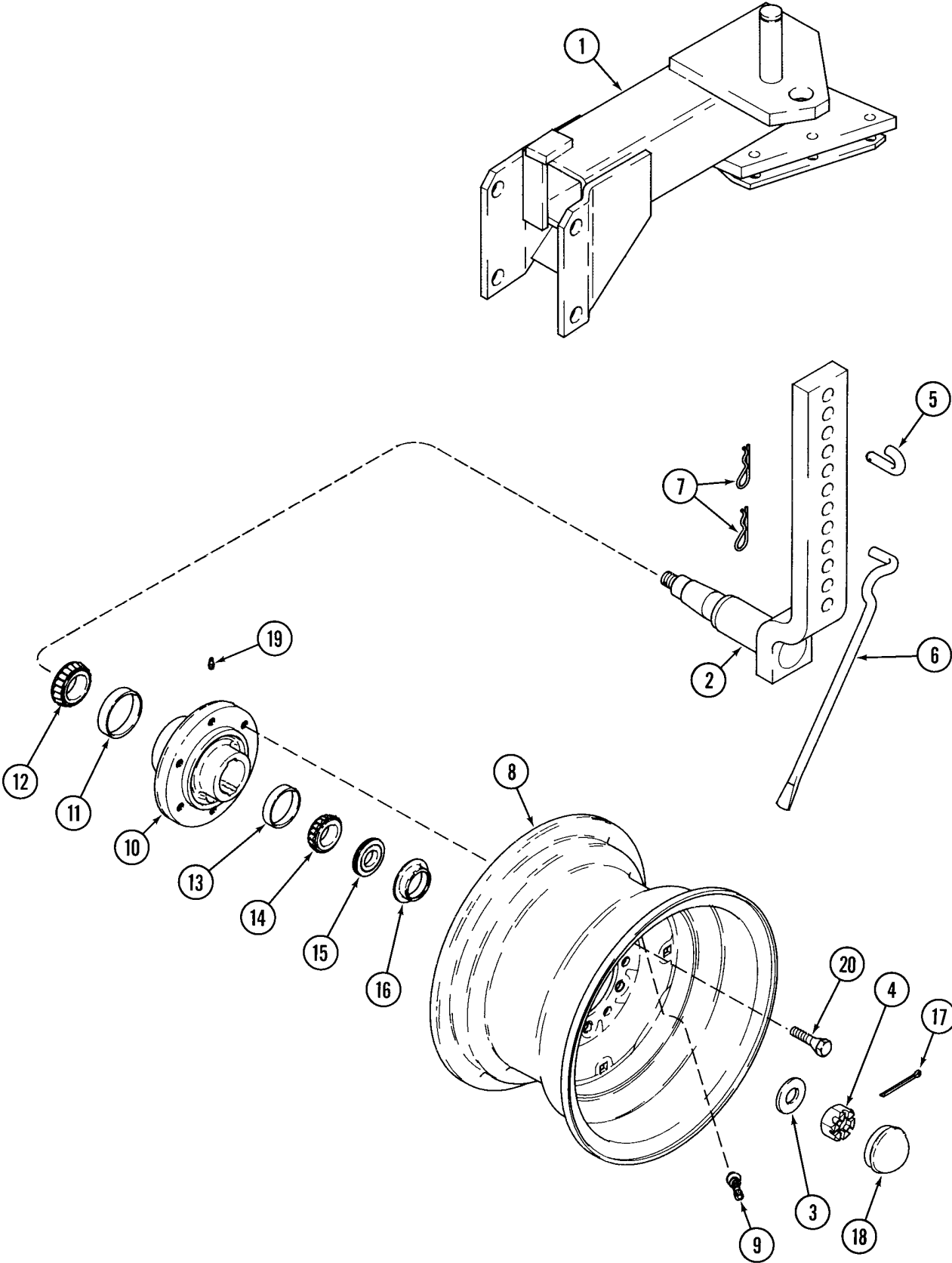
NOTE: Quantity listed is per furrow.



7501 Moldboard Plow
FRONT FURROW WHEEL
On-The-Land Plows

9-27

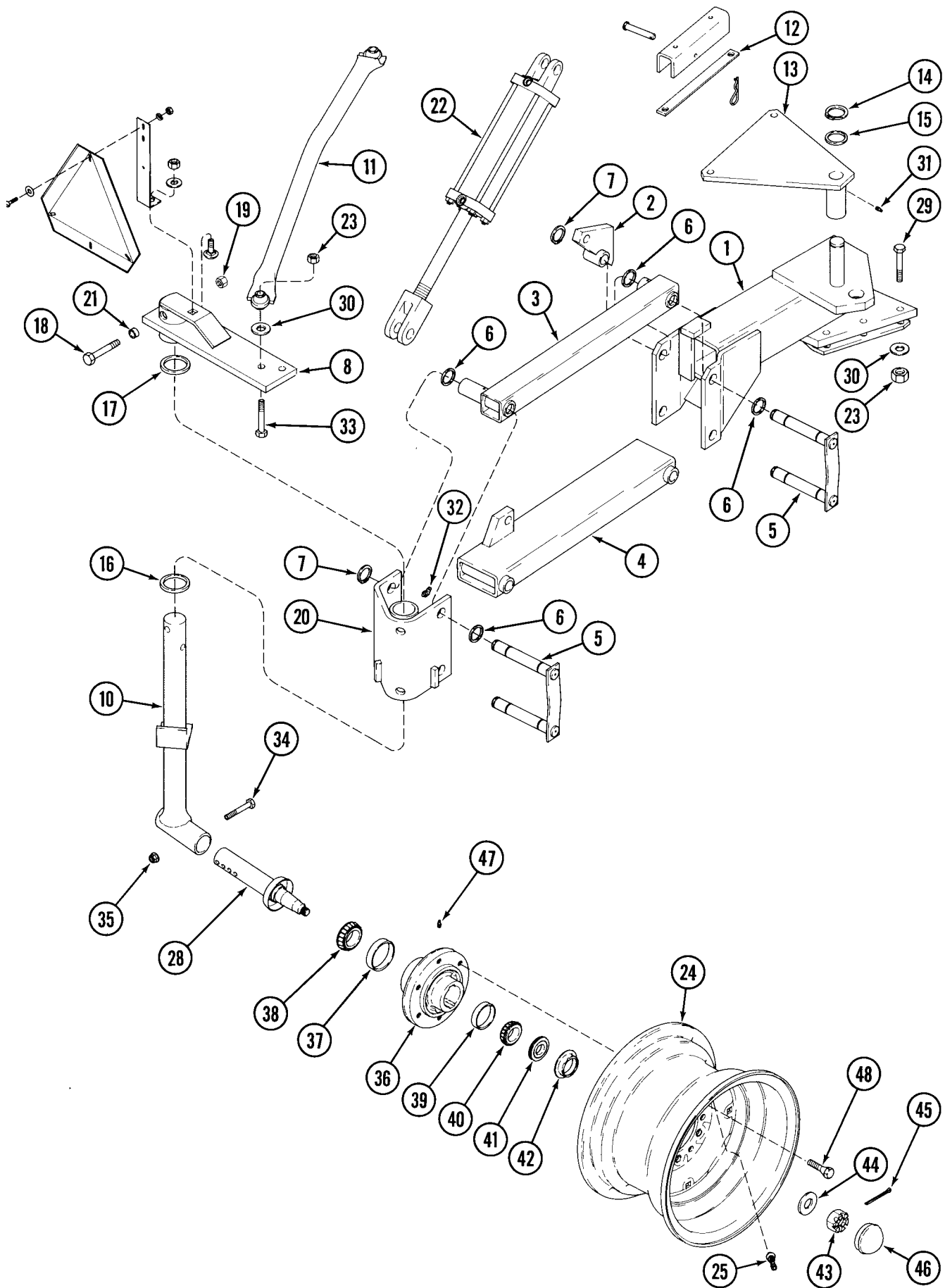
REF.	PART NO.	DESCRIPTION	REQ'D.
1	I1969311C1	BRACKET - furrow wheel	1
2	I1969309C1	LINK - lower	1
3	I1969307C1	LINK - upper	1
4	I1344584C1	PIN - link	1
5	I1969447C1	PIN - link	1
6	I1969304C1	CHANNEL - front pivot.	1
7	I1969330C1	AXLE - caster.	1
8	I413-1248	BOLT - hex, 3/4 NC x 3 inch	5
9	I230-42112	NUT - hex, self-locking, 3/4 inch NC	5
10	I219-87	FITTING - grease, straight, 1/4-28 self-tapping x 9/16 inch.	4
11	I219-90	FITTING - grease, 45 degree, 1/4-28 special taper x 13/16 inch	2
12	I432-2040	PIN - cotter, 5/16 x 2-1/2 inch	2
13	I28003R1	PIN - coiled spring, 1/2 x 3-1/2 inch.	1
14	I495-81231	WASHER - flat, 2-17/32 x 3-1/4 x 1/16 inch	2
15	I61625C1	WASHER - flat, 2-17/32 x 3-1/4 x 7/64 inch	1
17	I606556R91	SEAL - oil, with sleeve	1
18	I369857R1	WASHER - flat, special, 25/32 x 1/4 x 1/8 inch	1
19	I70120D	NUT - hex, slotted, special, 7/8 inch NC	1
20	I432-828	PIN - cotter, 1/8 x 1-3/4 inch	1
22	I663906R1	CAP - wheel hub	1
23	I549962R1	BOLT - hex conical, 1/2 NF x 1-5/32 inch	6
24	I481344R91	WHEEL - 14 (356) x 8 inch (203 mm) (Use 9.50 x 14, 6 ply tire)	1
26	I810768C1	VALVE - inflation	1
27	I1337050C1	CHANNEL - transport lockout	1
28	I439-1544	PIN - headed, 5/16 x 2-3/4 inch, grade 2.	1
29	I610784R1	PIN - locking	1
30	I495-81203	WASHER - flat, 1-9/32 x 2 x 1/8 inch.	3
31	I606468R21	HUB ASSEMBLY - wheel	1
32	I663558R1	CUP - tapered roller bearing, 2-57/64 inch OD	1
33	I663557R91	CONE - tapered roller bearing, 1-5/8 inch ID	1
34	I651817R1	CUP - tapered roller bearing, outer	1
35	I651818R91	CONE - tapered roller bearing, outer	1
36	I495-81202	WASHER - flat, 1-9/32 x 1-3/4 x 1/16 inch.	4
37	I100-16125	RING - heavy external retaining, No. 125	1
38	I219-93	FITTING - grease, 90 degree, 1/4-28 special taper x 3/4 inch.	2



7501 Moldboard Plow
GAUGE WHEEL

9-29

REF.	PART NO.	DESCRIPTION	REQ'D.
1	REF	FRAME - rear furrow wheel (See Page 9-31)	1
2	I1344904C1	SPINDLE - gauge wheel	1
3	I469873R1	WASHER - flat, special, hardened	1
4	I70120D	NUT - hex, slotted, special, 7/8 inch NC	1
5	I520620R1	PIN - retaining	1
6	I490680R1	BAR - gauge wheel	1
7	I1978738C1	PIN - cotter, hair.	2
8	I481344R91	WHEEL - 14 (356) x 8 inch (203 mm)	1
9	I810768C1	VALVE - inflation	1
10	I606468R21	HUB ASSEMBLY - wheel	1
11	I663558R1	CUP - tapered roller bearing, 2-57/64 inch OD	1
12	I663557R91	CONE - tapered roller bearing, 1-5/8 inch ID	1
13	I651817R1	CUP - tapered roller bearing	1
14	I651818R91	CONE - tapered roller bearing	1
15	I594702R91	SEAL - oil.	1
16	I594703R1	RING - wear, 1/2 inch wide	1
17	I432-832	PIN - cotter, 1/8 x 2 inch	1
18	I224066C1	CAP - hub	1
19	I219-87	FITTING - grease, straight, 1/4-28 self-tapping x 9/16 inch.	1
20	I549962R1	BOLT - hex conical, 1/2 NF x 1-5/32 inch	6



7501 Moldboard Plow

REAR FURROW WHEEL

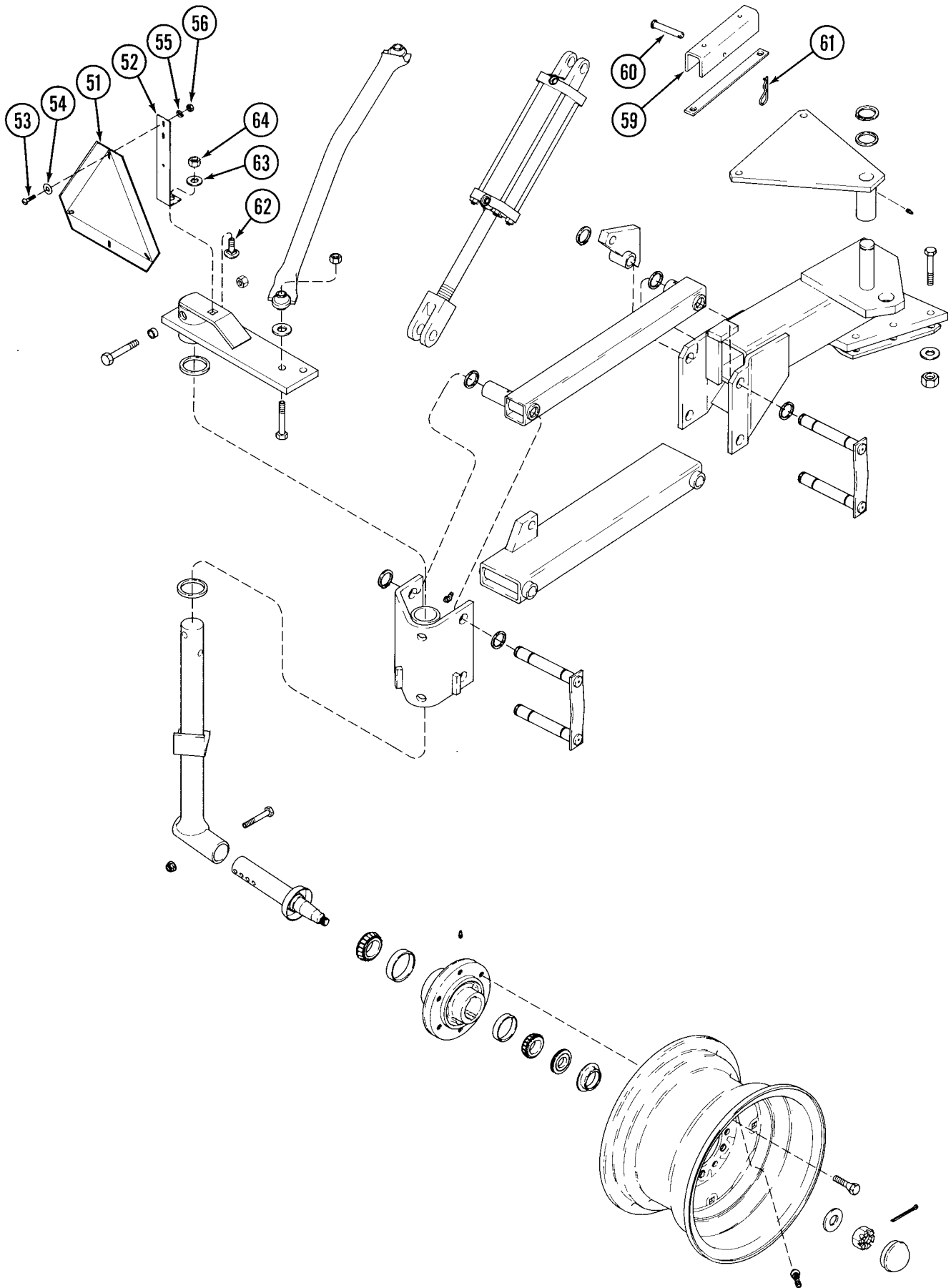
9-31

REF.	PART NO.	DESCRIPTION	REQ'D.
1	I1973333C2	FRAME - rear furrow wheel	1
2	I1973340C1	BAR - cylinder anchor	1
3	I1969307C1	LINK - upper	1
4	I1969309C1	LINK - lower	1
5	I1969447C1	PIN - link	2
6	I495-81202	WASHER - flat, 1-9/32 x 1-3/4 x 1/16 inch	8
7	I100-16125	RING - heavy external retaining, No. 125	4
8	I1973347C2	STEERING ARM - rear furrow wheel	1
10	I1973343C1	AXLE - pivot.	1
11	I1976190C1	LINK - rear steering	1
12	I1344531C1	STRAP - support	2
13	I1344528C1	PLATE - steering, center	1
14	I100-11162	RING - external retaining, No. 162, external, heavy	1
15	I495-81089	WASHER - flat, 1-21/32 x 2-1/4 x 7/64 inch	1
16	I61625C1	WASHER - flat, 2-17/32 x 3-1/4 x 7/64 inch	1
17	I495-81231	WASHER - flat, 2-17/32 x 3-1/4 x 1/16 inch	UAR
18	I426-1272	BOLT - hex, 3/4 NC x 4-1/2 inch, grade 8	2
19	I231-41412	NUT - hex, self-locking, 3/4 inch NC	2
20	I1969304C1	CHANNEL - front pivot.	1
21	I495827R1	SPACER - 25/32 x 1/2 x 1 inch	2
22	REF	CYLINDER - hydraulic, 3 x 8 inch (See Page 8-15)	1
23	I232-41112	NUT - hex, self-locking, 3/4 inch NC	6
24	I481344R91	WHEEL - 14 (356) x 8 inch (203 mm) (See Note A)	1
24	IA57879	WHEEL - 15 (381) x 8 inch (203 mm) (See Note B)	1
25	I810768C1	VALVE - inflation	2
28	I1344648C1	SPINDLE - rear furrow wheel, rear furrow wheel.	1
29	I426-1256	BOLT - hex, 3/4 NC x 3-1/2 inch, grade 8	3
30	I522473R1	WASHER - flat, 49/64 x 1-3/4 x 1/8 inch	6
31	I219-87	FITTING - grease, straight, 1/4-28 self-tapping x 9/16 inch.	9
32	I219-93	FITTING - grease, 90 degree, 1/4-28 special taper x 3/4 inch	2
33	I413-1288	BOLT - hex, 3/4 NC x 5-1/2 inch	3
34	I413-856	BOLT - hex, 1/2 NC x 3-1/2 inch	1
35	I231-41118	NUT - hex, self-locking, 1/2 inch NC	1
36	I606468R21	HUB ASSEMBLY - wheel	1
37	I663558R1	CUP - tapered roller bearing, 2-57/64 inch OD	1
38	I663557R91	CONE - tapered roller bearing, 1-5/8 inch ID, outer	1
39	I651817R1	CUP - tapered roller bearing, outer	1
40	I651818R91	CONE - tapered roller bearing	1
41	I594702R91	SEAL - oil, with wear sleeve	1
42	I594703R1	RING - wear, 1/2 inch wide	1
43	I70120D	NUT - hex, slotted, special, 7/8 inch NC	1
44	I469873R1	WASHER - flat, special, hardened.	1
45	I432-832	PIN - cotter, 1/8 x 2 inch	1
46	I224066C1	CAP - hub	1
47	I219-87	FITTING - grease, straight, 1/4-28 self-tapping x 9/16 inch.	1
48	I549962R1	BOLT - hex conical, 1/2 NF x 1-5/32 inch	6

NOTE A: Used on all plows prior to PIN JAG0303580 and "In-the-Furrow" plows PIN JAG0303580 and after.

NOTE B: Used on "On-the-Land" plows PIN JAG0303580 and after.

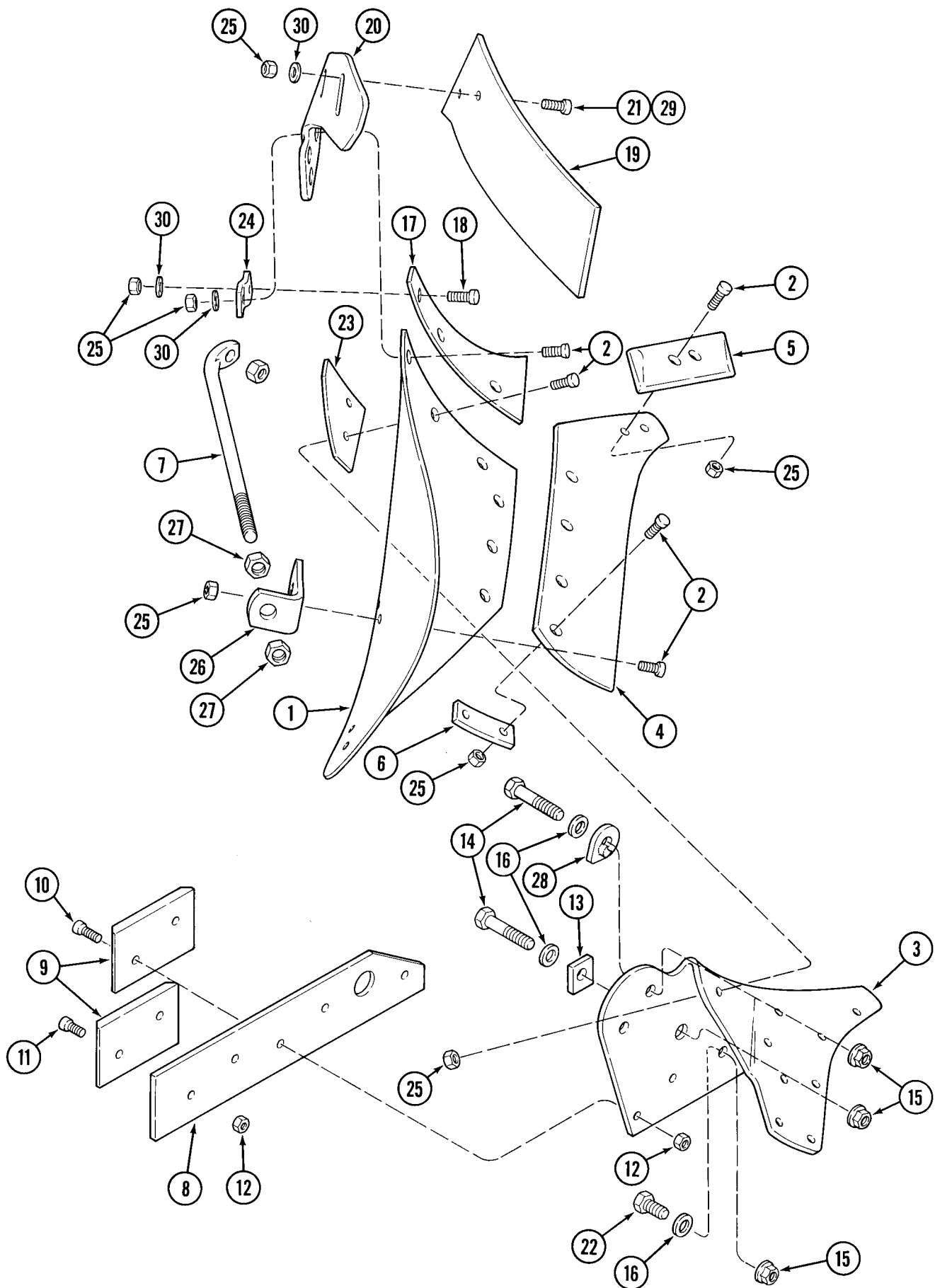
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7501 Moldboard Plow
REAR FURROW WHEEL

9-33

REF.	PART NO.	DESCRIPTION	REQ'D.
51	I202013C2	EMBLEM - slow moving vehicle	1
52	I131946C1	BRACKET - mounting	1
53	I413-416	BOLT - hex, 1/4 NC x 1 inch	2
54	I495-81105	WASHER - flat, 9/32 x 3/4 x 1/8 inch.	2
55	I492-11025	WASHER - lock, 1/4 inch.	2
56	I425-104	NUT - hex, 1/4 inch NC	2
59	I1337050C1	CHANNEL - transport lockout	1
60	I439-1544	PIN - headed, 5/16 x 2-3/4 inch, grade 2.	1
61	I610784R1	PIN - locking	1
62	I11-1224	BOLT - carriage, 3/4 NC x 1-1/2 inch, grade 2	1
63	I522473R1	WASHER - flat, 49/64 x 1-3/4 x 1/8 inch	1
64	I232-41112	NUT - hex, self-locking, 3/4 inch NC	1

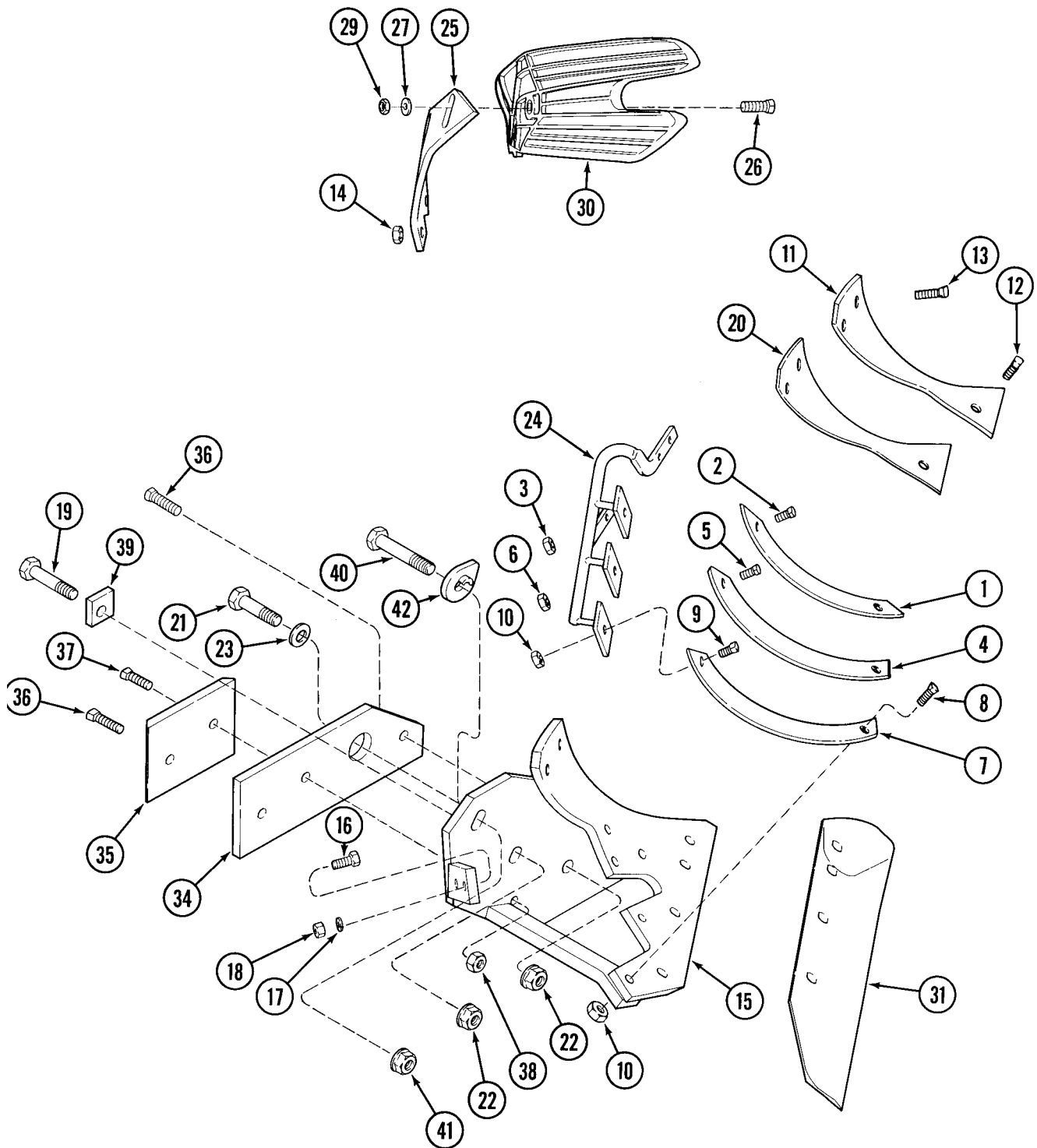


7501 Moldboard Plow
MOLDBOARD BOTTOM
HSES High Speed European

9-35

REF.	PART NO.	DESCRIPTION	REQ'D.
1	I1986183C1	MOLDBOARD - High Speed European Style, 20 inch	1
2	I1995840C1	BOLT - special, 12 x 35 mm (Nut not required)	10
2	I179323A1	BOLT - special oval, 7/16 inch x 44 mm	10
3	I1985932C2	FROG - plow	1
4	REF	SHARE - right, curved (See Page 9-43)	1
5	REF	POINT - share, reversible (See Page 9-43)	1
6	I1995843C1	BRACKET - share (Not used with 14 inch share)	1
7	I1986186C1	BRACE - stay	1
8	I526777R3	LANDSIDE - long, right	1
9	I59058C2	PAD - wear, landside	2
10	I59055C3	BOLT - special, 7/16 NC x 1-3/32 inch	3
11	I131972C2	BOLT - special, 7/16 NC x 1-3/16 inch	2
12	I429-107	NUT - hex, 7/16 inch NC, grade 8	5
13	I58994C1	BLOCK - stop, landside	1
14	I426-1056	BOLT - hex, 5/8 NC x 3-1/2 inch, grade 8	2
15	I1256884C1	NUT - hex flange, self-locking, special, 5/8 inch NC, grade 8	3
16	I496-21066	WASHER - flat, 21/32 x 1-5/16 x 5/32 inch, hardened	3
17	I1986185C1	SHIN - moldboard	1
18	I1995841C1	BOLT - special, 12 x 32 mm	3
	I1986315C1	KIT - trash plate	1
19	I1986316C1	PLATE - trash	1
20	I1986317C1	BRACKET - trash plate	1
21	I1995841C1	BOLT - special, 12 x 32 mm (Nut not required)	2
22	I426-1040	BOLT - hex, 5/8 NC x 2-1/2 inch, grade 8	1
23	I234954A1	BRACKET - flat tie	1
24	I234953A1	BRACKET - offset tie	1
25	I429-107	NUT - hex, 7/16 inch NC, grade 8	10
26	I126045A1	BRACKET - brace	1
27	I829-1420	NUT - hex, 20 mm - 2.5, class 10	2
28	I1256864C2	WASHER - eccentric	1
29	I179324A1	BOLT - special oval, 7/16 inch x 32 mm	2
30	I895-11012	WASHER - flat, 13.5 x 24 x 2.5 mm	3

NOTE: Quantity listed is per furrow.

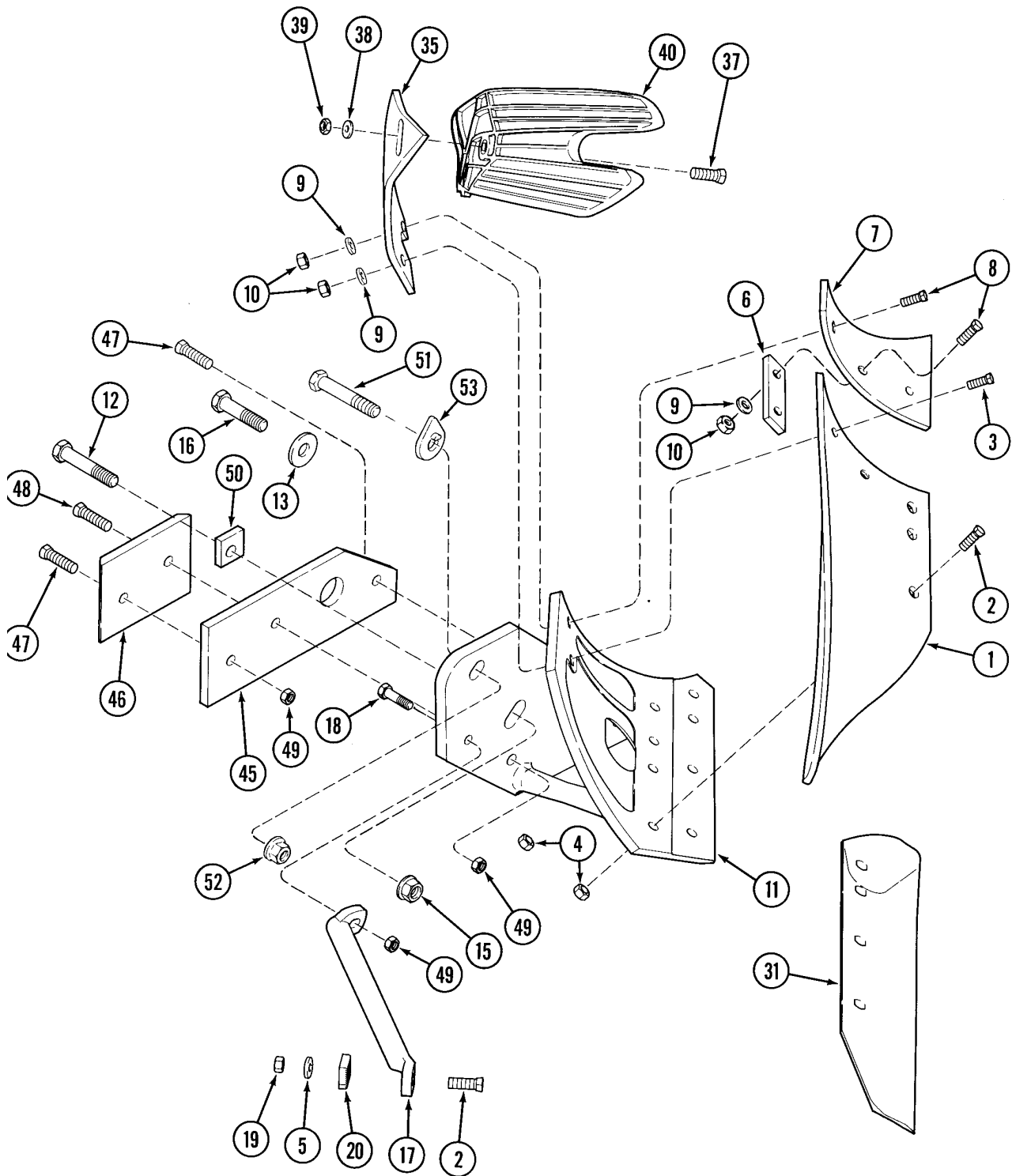


MOLDBOARD BOTTOM

HSCS Heavy Duty Super Chief Slat

REF.	PART NO.	DESCRIPTION	REQ'D.
1	I488429R11	SLAT ASSEMBLY - No. 1, right.	1
2	I62177C1	BOLT - flat head square neck, 7/16 NC x 1-1/4 inch	2
3	I429-107	NUT - hex, 7/16 inch NC, grade 8	2
4	I488430R11	SLAT ASSEMBLY - No. 2, right.	1
5	I62177C1	BOLT - flat head square neck, 7/16 NC x 1-1/4 inch	2
6	I429-107	NUT - hex, 7/16 inch NC, grade 8	2
7	I488431R11	SLAT ASSEMBLY - No. 3, right.	1
8	I62177C1	BOLT - flat head square neck, 7/16 NC x 1-1/4 inch	1
9	I62179C1	BOLT - flat head square neck, 7/16 NC x 2-1/8 inch	1
10	I429-107	NUT - hex, 7/16 inch NC, grade 8	2
11	I488428R11	SHIN ASSEMBLY - moldboard, right.	1
12	I62177C1	BOLT - flat head square neck, 7/16 NC x 1-1/4 inch	1
13	I62179C1	BOLT - flat head square neck, 7/16 NC x 2-1/8 inch	2
14	I429-107	NUT - hex, 7/16 inch NC, grade 8	3
15	I488424R1	FROG - right	1
16	I426-724	BOLT - hex, 7/16 NC x 1-1/2 inch, grade 8	2
17	I492-11044	WASHER - lock, 7/16 inch	2
18	I429-1110	NUT - hex, 5/8 inch NF, grade 8	3
19	I428-1048	BOLT - hex, 5/8 NF x 3 inch, grade 8.	1
20	I491399R1	SHIM - shin	UAR
21	I426-1056	BOLT - hex, 5/8 NC x 3-1/2 inch, grade 8	1
22	I1256884C1	NUT - hex flange, self-locking, special, 5/8 inch NC, grade 8	2
23	I496-21066	WASHER - flat, 21/32 x 1-5/16 x 5/32 inch, hardened	1
24	I488432R1	SUPPORT - slat, right	1
25	I484688R1	BRACKET - trash plate, right.	1
26	I418-3624	BOLT - plow, 3/8 NC x 1-1/2 inch	2
27	I495-81009	WASHER - flat, 15/32 x 1 x 1/8 inch	2
29	I425-106	NUT - hex, 3/8 inch NC	2
30	I464719R2	PLATE - trash, right (Steel)	UAR
30	I476811R1	PLATE - trash	UAR
31	REF	SHARE - moldboard (See Page 9-43).	1
34	I1980672C2	LANDSIDE - standard, right.	1
35	I59058C2	PAD - wear, landside	2
36	I59055C3	BOLT - special, 7/16 NC x 1-3/32 inch	2
37	I59056C3	BOLT - special, 7/16 NC x 2 inch	1
38	I429-107	NUT - hex, 7/16 inch NC, grade 8	3
39	I58994C1	BLOCK - stop, landside	1
40	I426-1064	BOLT - hex, 5/8 NC x 4 inch, grade 8	1
41	I1256884C1	NUT - hex flange, self-locking, special, 5/8 inch NC, grade 8	1
42	I1256864C2	WASHER - eccentric	1

NOTE: Quantity listed is per furrow.

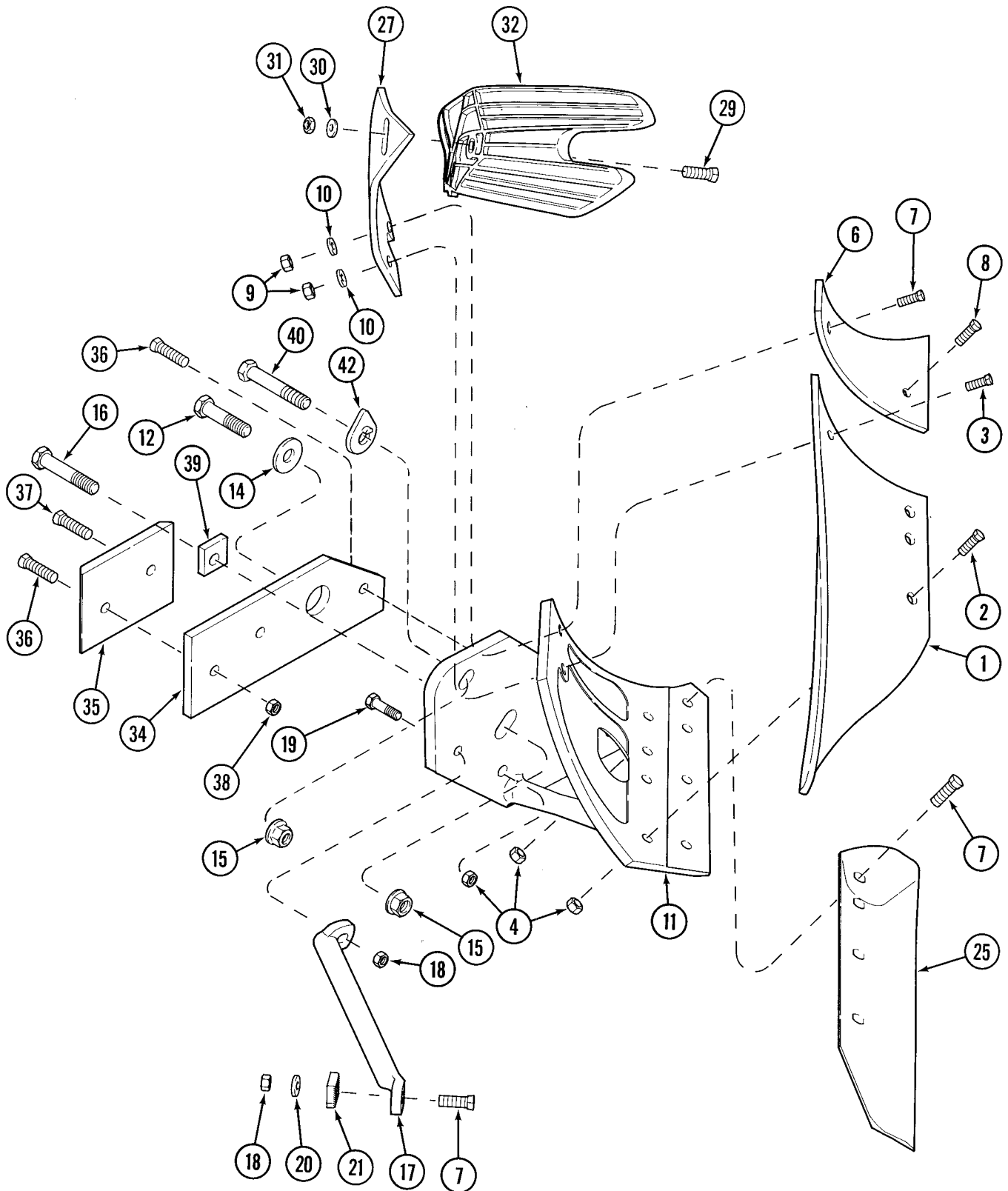


MOLDBOARD BOTTOM

HSCU Heavy Duty Super Chief Deep Tillage

REF.	PART NO.	DESCRIPTION	REQ'D.
1	I491634R1	MOLDBOARD - deep tillage, right.	1
2	I62177C1	BOLT - flat head square neck, 7/16 NC x 1-1/4 inch.	5
3	I62179C1	BOLT - flat head square neck, 7/16 NC x 2-1/8 inch.	1
4	I429-107	NUT - hex, 7/16 inch NC, grade 8	6
5	I495-81012	WASHER - flat, 15/32 x 1-1/4 x 11/64 inch	2
6	I491632R1	STRAP - shin, to moldboard	1
7	I491631R1	SHIN - right	1
8	I62177C1	BOLT - flat head square neck, 7/16 NC x 1-1/4 inch.	3
9	I495-81158	WASHER - flat, 15/32 x 1 x 3/64 inch	3
10	I429-107	NUT - hex, 7/16 inch NC, grade 8	3
11	I224130C2	FROG - right	1
12	I426-1040	BOLT - hex, 5/8 NC x 2-1/2 inch, grade 8	1
13	I496-21066	WASHER - flat, 21/32 x 1-5/16 x 5/32 inch, hardened	1
15	I1256884C1	NUT - hex flange, self-locking, special, 5/8 inch NC, grade 8	2
16	I426-1056	BOLT - hex, 5/8 NC x 3-1/2 inch, grade 8	1
17	I522318R2	BRACE - moldboard, to frog, right.	1
18	I426-724	BOLT - hex, 7/16 NC x 1-1/2 inch, grade 8	1
19	I429-107	NUT - hex, 7/16 inch NC, grade 8	1
20	I490663R1	WASHER - serrated.	1
31	REF	SHARE - moldboard (See Page 9-43).	1
35	I484688R1	BRACKET - trash plate, right.	1
37	I418-3624	BOLT - plow, 3/8 NC x 1-1/2 inch	2
38	I495-81135	WASHER - flat, 13/32 x 1 x 7/64 inch	2
39	I425-106	NUT - hex, 3/8 inch NC	2
40	I464719R2	PLATE - trash, right	UAR
40	I476811R1	PLATE - trash	UAR
45	I1980672C2	LANDSIDE - standard, right.	1
46	I59058C2	PAD - wear, landside	2
47	I59055C3	BOLT - special, 7/16 NC x 1-3/32 inch	2
48	I59056C3	BOLT - special, 7/16 NC x 2 inch	1
49	I429-107	NUT - hex, 7/16 inch NC, grade 8	3
50	I58994C1	BLOCK - stop, landside	1
51	I426-1060	BOLT - hex, 5/8 NC x 3-3/4 inch, grade 8	1
52	I1256884C1	NUT - hex flange, self-locking, special, 5/8 inch NC, grade 8	1
53	I1256864C2	WASHER - eccentric	1

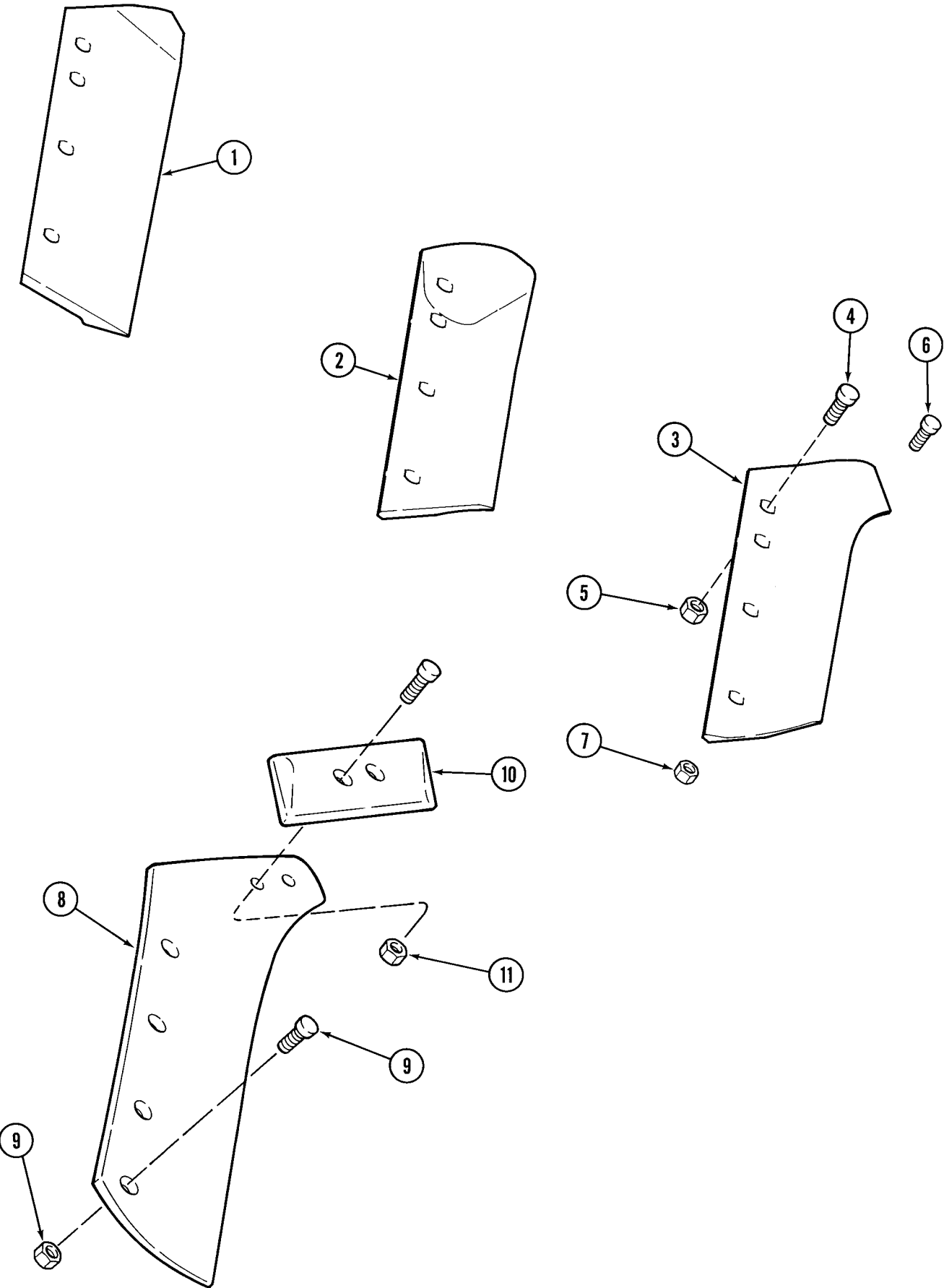
NOTE: Quantity listed is per furrow.



MOLDBOARD BOTTOM **HSCXN-25 Heavy Duty Super Chief**

REF.	PART NO.	DESCRIPTION	REQ'D.
1	I179314A1	MOLDBOARD - right, HSCXN-25	1
2	I179324A1	BOLT - special oval, 7/16 inch x 32 mm	3
3	I179323A1	BOLT - special oval, 7/16 inch x 44 mm	2
4	I429-107	NUT - hex, 7/16 inch NC, grade 8	5
6	I179318A1	SHIN - right	1
7	I179324A1	BOLT - special oval, 7/16 inch x 32 mm	1
8	I179323A1	BOLT - special oval, 7/16 inch x 44 mm	1
9	I429-107	NUT - hex, 7/16 inch NC, grade 8	2
10	I495-81009	WASHER - flat, 15/32 x 1 x 1/8 inch	4
11	I224130C2	FROG - right	1
12	I426-1040	BOLT - hex, 5/8 NC x 2-1/2 inch, grade 8	1
14	I496-21066	WASHER - flat, 21/32 x 1-5/16 x 5/32 inch, hardened	1
15	I1256884C1	NUT - hex flange, self-locking, special, 5/8 inch NC, grade 8	4
16	I426-1056	BOLT - hex, 5/8 NC x 3-1/2 inch, grade 8	1
17	I132002C1	BRACE - moldboard, to frog	1
18	I429-107	NUT - hex, 7/16 inch NC, grade 8	1
19	I426-728	BOLT - hex, 7/16 NC x 1-3/4 inch, grade 8	1
20	I495-81009	WASHER - flat, 15/32 x 1 x 1/8 inch	1
21	I490663R1	WASHER - serrated.	1
25	REF	SHARE - moldboard (See Page 9-43).	1
27	I484688R1	BRACKET - trash plate, right.	1
29	I418-3624	BOLT - plow, 3/8 NC x 1-1/2 inch	2
30	I495-81009	WASHER - flat, 15/32 x 1 x 1/8 inch	2
31	I425-106	NUT - hex, 3/8 inch NC	2
32	I464719R2	PLATE - trash, right, plastic.	UAR
32	I484688R1	BRACKET - trash plate	UAR
34	I1980672C2	LANDSIDE - standard, front	1
35	I59058C2	PAD - wear, landside.	2
36	I59055C3	BOLT - special, 7/16 NC x 1-3/32 inch	2
37	I59056C3	BOLT - special, 7/16 NC x 2 inch	1
38	I429-107	NUT - hex, 7/16 inch NC, grade 8	3
39	I58994C1	BLOCK - stop, landside	1
40	I426-1064	BOLT - hex, 5/8 NC x 4 inch, grade 8	1
42	I1256864C2	WASHER - eccentric	1

NOTE: Quantity listed is per furrow.



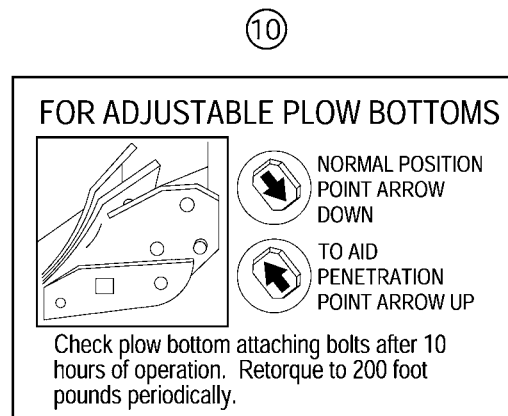
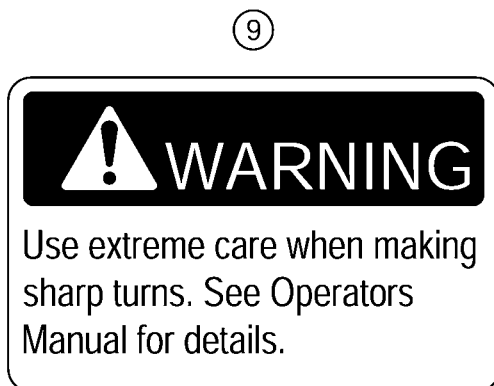
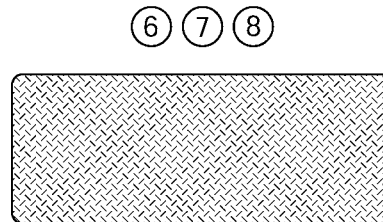
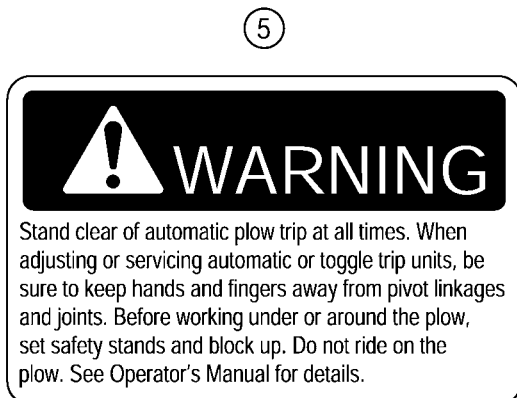
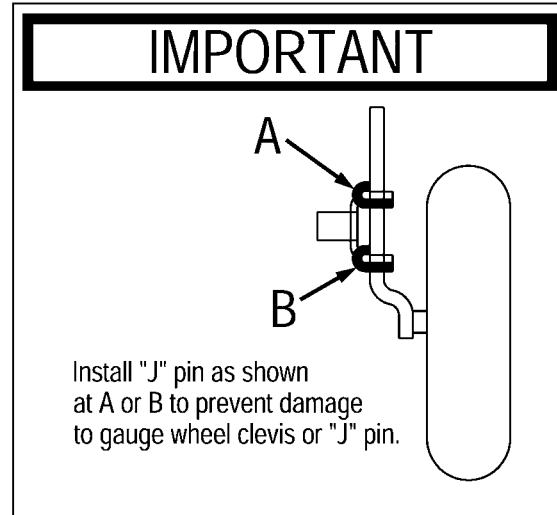
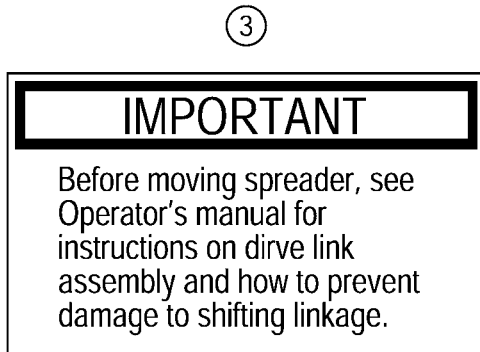
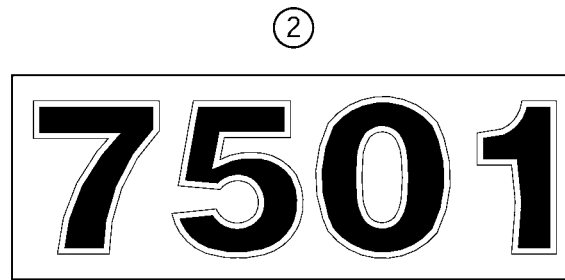
MOLDBOARD PLOW SHARES**Super Chief Shares**

REF.	PART NO.	DESCRIPTION	REQ'D.
1	I1980953C2	SHARE - right, 14 inch.	UAR
1	I1980954C2	SHARE - right, 16 inch flat.	UAR
1	I1980948C2	SHARE - right, 18 inch flat.	UAR
2	I463235R1	SHARE - right, 14 inch narrow upset.	UAR
2	I463236R2	SHARE - right, 14 inch upset.	UAR
2	I463237R2	SHARE - right, 16 inch upset.	UAR
2	I463238R2	SHARE - right, 18 inch upset.	UAR
2	I481964R2	SHARE - right, 16 inch hard surfaced upset	UAR
2	I481965R3	SHARE - right, 18 inch hard surfaced upset	UAR
3	I463251R2	SHARE - right, 14 inch narrow deep suck	UAR
3	I463252R2	SHARE - right, 14 inch deep suck	UAR
3	I463253R2	SHARE - right, 16 inch deep suck	UAR
3	I463254R2	SHARE - right, 18 inch deep suck	UAR
3	I481959R2	SHARE - right, 14 inch hard surfaced deep suck	UAR
3	I481960R3	SHARE - right, 16 inch hard surfaced deep suck	UAR
3	I481961R3	SHARE - right, 18 inch hard surfaced deep suck	UAR
4	* I463989R41	BOLT - hex, special, left-hand threads, includes nut, 1/2 NC x 1-17/64 inch	1
5	* I470916R1	NUT - hex, 1/2 inch NC, left threads	1
6	* I463988R41	BOLT - hex, special, 7/16 NC x 1-3/16 inch, includes nut	3
7	* I125-10006	NUT - hex, left-hand thread, 7/16 inch NC, left threads	3

European Style Shares

8	I1986180C1	SHARE - right, curved 14 inch (35 cm)	UAR
8	I1986181C1	SHARE - right, curved 16 inch (40 cm)	UAR
8	I1986318C1	SHARE - right, curved 18 inch (45 cm)	UAR
8	I112668A1	SHARE - right, curved 16 inch (40 cm) (For Auto Trip plows only)	UAR
9	* I1995838C1	BOLT - special, 14 x 32 mm	UAR
	I829-1414	NUT - hex, 14 mm - 2.0, class 10	UAR
10	I1986182C1	POINT - share	UAR
11	* I1995842C1	BOLT - special, 12 x 32 mm, includes nut.	2
	I829-1412	NUT - hex, 12 mm - 1.75, class 10	2

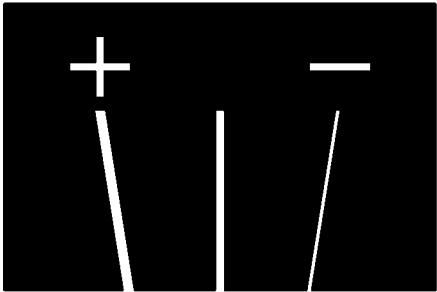
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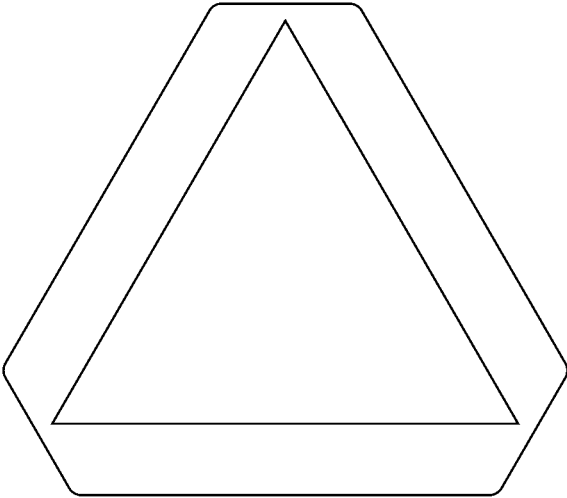
DECALS

REF.	PART NO.	DESCRIPTION	REQ'D.
1	519500	DECAL - Art's-Way Manufacturing Co., Inc. Logo 4 x 7 inches	.1
2	519530	DECAL - 7501 Plow	.1
3	I1986120C1	DECAL - Linkage Instructions.	.1
4	I1986119C1	DECAL - Gauge Wheel Pin	.1
5	I122878C1	DECAL - Warning - Auto Trip Plow	.1
6	476450	DECAL - Red Reflector	.2
7	476460	DECAL - Amber Reflector	.1
8	476470	DECAL - Flourescant Orange Reflector	.1
9	I2753543R2	DECAL - Warning - Turning Instructions	.1
10	I2753186R2	DECAL - Bottom Instructions	.1

11



12



7501 Moldboard Plow
DECALS

9-47

REF.	PART NO.	DESCRIPTION	REQ'D.
11	I1986078C1	DECAL - Indicator	1
12	E224138	DECAL - Slow Moving Vehicle Emblem	1

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ART'S-WAY MANUFACTURING CO., INC. TECHNICAL MANUALS

Manuals are available from your local dealer or Art's-Way Manufacturing Co., Inc. for the operation, service and repair of your machine. For prompt convenient service, contact your local dealer for assistance in obtaining the manuals for your machine.

Your local dealer can expedite your order for operator manuals, illustrated parts catalogs, service manuals, and maintenance records.

Always give the Machine Name, Model and Serial Number so your local dealer can provide the correct manuals for your machine.

NOTE: Art's-Way Manufacturing Co., Inc. reserves the right to make improvements in design or changes in specifications at any time without incurring any obligation to install them on units previously sold.

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