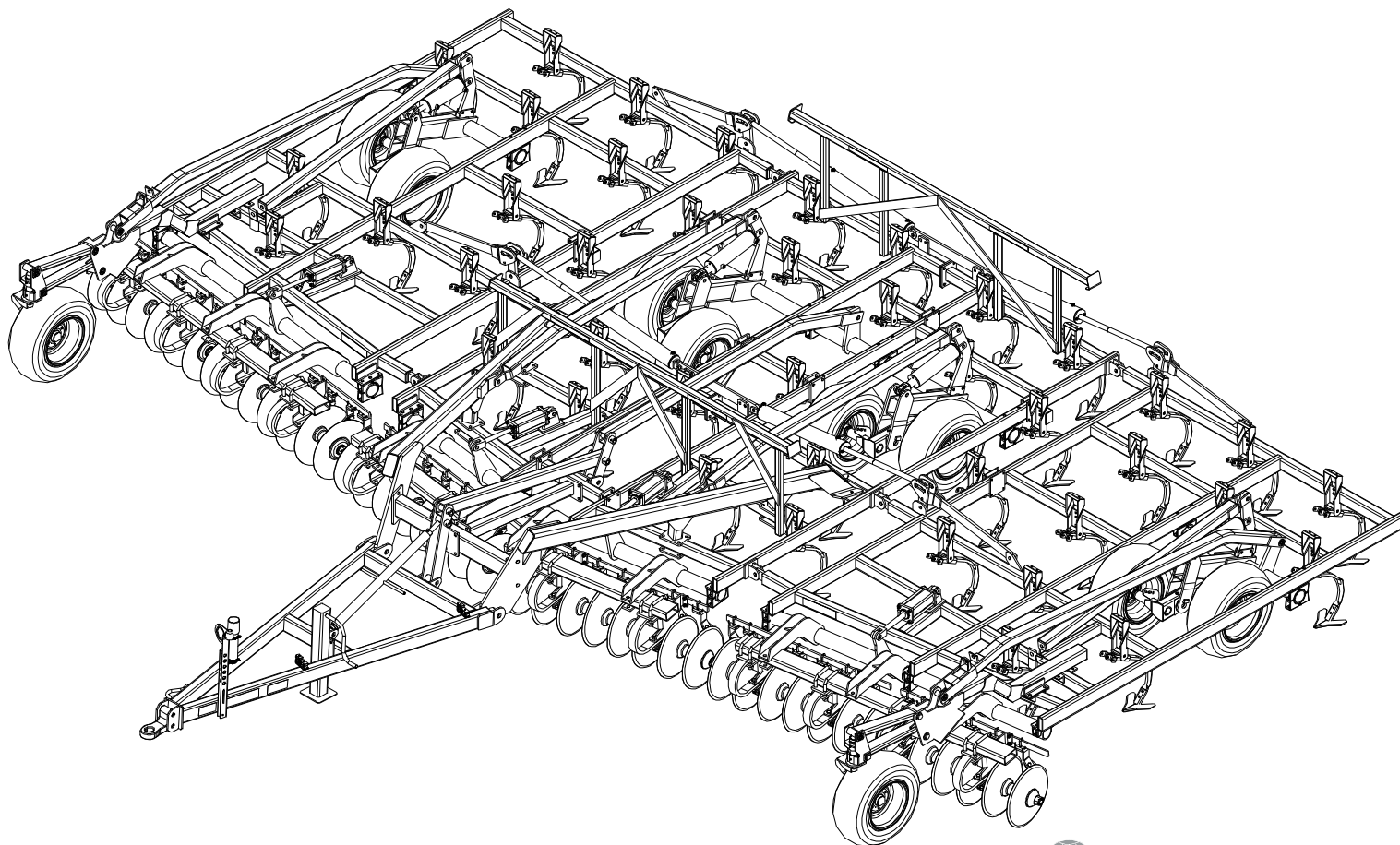




PARTS MANUAL



Serial # 458707 and up

DISC CULTIVATOR

Printed in USA (74256) 6/15

 **WIL-RICH**

PO Box 1030
Wahpeton, ND 58074
PH (701) 642-2621
Fax (701) 642-3372
WWW.WIL-RICH.COM

WIL-RICH, LLC

WARRANTY

Wil-Rich's products are warranted to the original non-commercial purchaser to be free from defects in material and workmanship for a minimum period of twelve (12) months from the original date of purchase.

Additional Field Cultivator Warranty: Wil-Rich warrants to the original purchaser of each new Wil-Rich Field Cultivator unit (Excel and QuadX), and Disk Field Cultivators that the product be free from defects in material and workmanship for the period of three (3) years on the main frames and shank assemblies. All other components are covered by the twelve (12) month warranty period.

Commercial Use: Warranty for commercial, rental or custom use of any Wil-Rich product is limited to 90 days, parts and labor.

We warrant products sold by us to be in accordance with our published specifications or those specifications agreed to by us in writing at time of sale. Our obligation and liability under this warranty is expressly limited to repairing, or replacing, at our option, within 12 months after date of retail delivery, any product not meeting the specifications. ***We make no other warranty, express or implied and make no warranty of merchantability or of fitness for any particular purpose.*** If requested by us, products or parts for which a warranty claim is made are to be returned transportation prepaid to our factory. Any improper use, operation beyond rated capacity, substitution of parts not approved by us, or any alteration or repair by others in such manner as in our judgment affects the product materially and adversely shall void this warranty. ***No employee or representative is authorized to change this warranty in any way or grant any other warranty.***

Wil-Rich reserves the right to make improvement changes on any of our products without notice.

When warranty limited or not applicable: Warranty on hydraulic hoses, hydraulic cylinders, hubs, spindles, engines, valves, pumps or other trade accessories are limited to the warranties made by the respective manufacturers of these components. Rubber tires and tubes are warranted directly by the respective tire manufacturer only, and not by Wil-Rich.

This warranty shall not be interpreted to render Wil-Rich liable for injury or damages of any kind or nature to person or property. This warranty does not include claims for, or extend to the loss or damage of crops, loss because of delay in seeding/planting or harvesting, or any expense or loss incurred for labor, substitute machinery, rental, and transportation expense or for any other reason.

A Warranty Validation and Delivery Report Form must be filled out and received by Wil-Rich to initiate the warranty coverage.

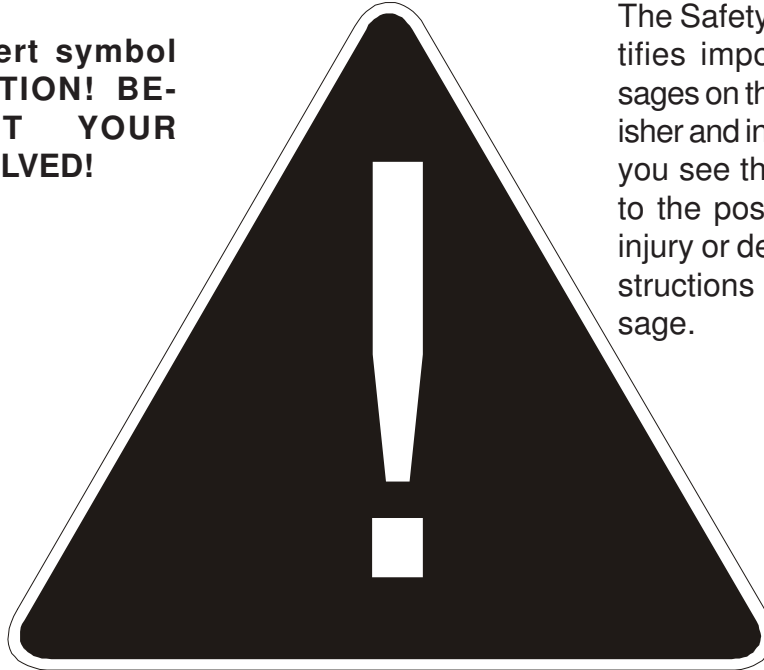
WARRANTY CLAIMS PROCEDURE

1. The warranty form must be returned to Wil-Rich within thirty (30) working days from the repair date.
2. Parts returned to Wil-Rich without authorization will be refused. The parts must be retained at the dealership for ninety (90) days after the claim has been filed. If the Service Department would like to inspect the parts, a packing slip will be mailed to the dealer. The packing slip must be returned with the parts. The parts must be returned prepaid within thirty (30) days of receiving authorization. After the parts are inspected and warranty is verified, credit for the return freight will be issued to the dealer.
3. Parts that will be scrapped at the dealership will be inspected by a Wil-Rich Sales Representative, District Sales Manager or Service Representative within the ninety (90) day retaining period.

PERSONAL SAFETY IS IMPORTANT!

ALL PERSONNEL INVOLVED WITH THE ASSEMBLY AND/OR OPERATION OF THIS EQUIPMENT MUST BE INFORMED OF PROPER SAFETY PROCEDURES. OPERATOR'S/ ASSEMBLY MANUALS PROVIDE THE NECESSARY INFORMATION. IF THE MANUAL IS LOST FOR A PARTICULAR IMPLEMENT, ORDER A REPLACEMENT AT ONCE. OPERATOR'S AND ASSEMBLY MANUALS ARE AVAILABLE AT NO CHARGE UPON REQUEST.

This Safety Alert symbol means **ATTENTION! BECOME ALERT YOUR SAFETY IS INVOLVED!**



The Safety Alert symbol identifies important safety messages on the Wil-Rich Soil Finisher and in this manual. When you see this symbol, be alert to the possibility of personal injury or death. Follow the instructions in the safety message.

Why is SAFETY important to you?

3 Big Reasons

Accidents Disable and Kill
Accidents Cost
Accidents Can Be Avoided

SIGNAL WORDS:

Note the use of the signal words **DANGER**, **WARNING** and **CAUTION** with the safety messages. The appropriate signal word for each message has been selected using the following guidelines:

DANGER

An immediate and specific hazard which **WILL** result in severe personal injury or death if the proper precautions are not taken.

WARNING

A specific hazard or unsafe practice which **COULD** result in severe personal injury or death if the proper precautions are not taken

CAUTION

Unsafe practices which **COULD** result in personal injury if proper practices are not taken, or as a reminder of good safety practices.

ADDRESS INQUIRIES TO: WIL-RICH PO BOX 1030
WAHPETON, ND 58074
PH (701) 642-2621 FAX (701) 642-3372

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Orientation

Any reference to left (L) or right (R) sides or components is to be understood as being viewed from behind the implement and looking forward.

Serial Number Break

Every implement has a serial number located on the frame. These serial numbers are consecutively assigned to the implements as they are manufactured. To aid in part ordering, we reference to the serial number at the point the change occurred to provide an accurate means of determining the proper parts.

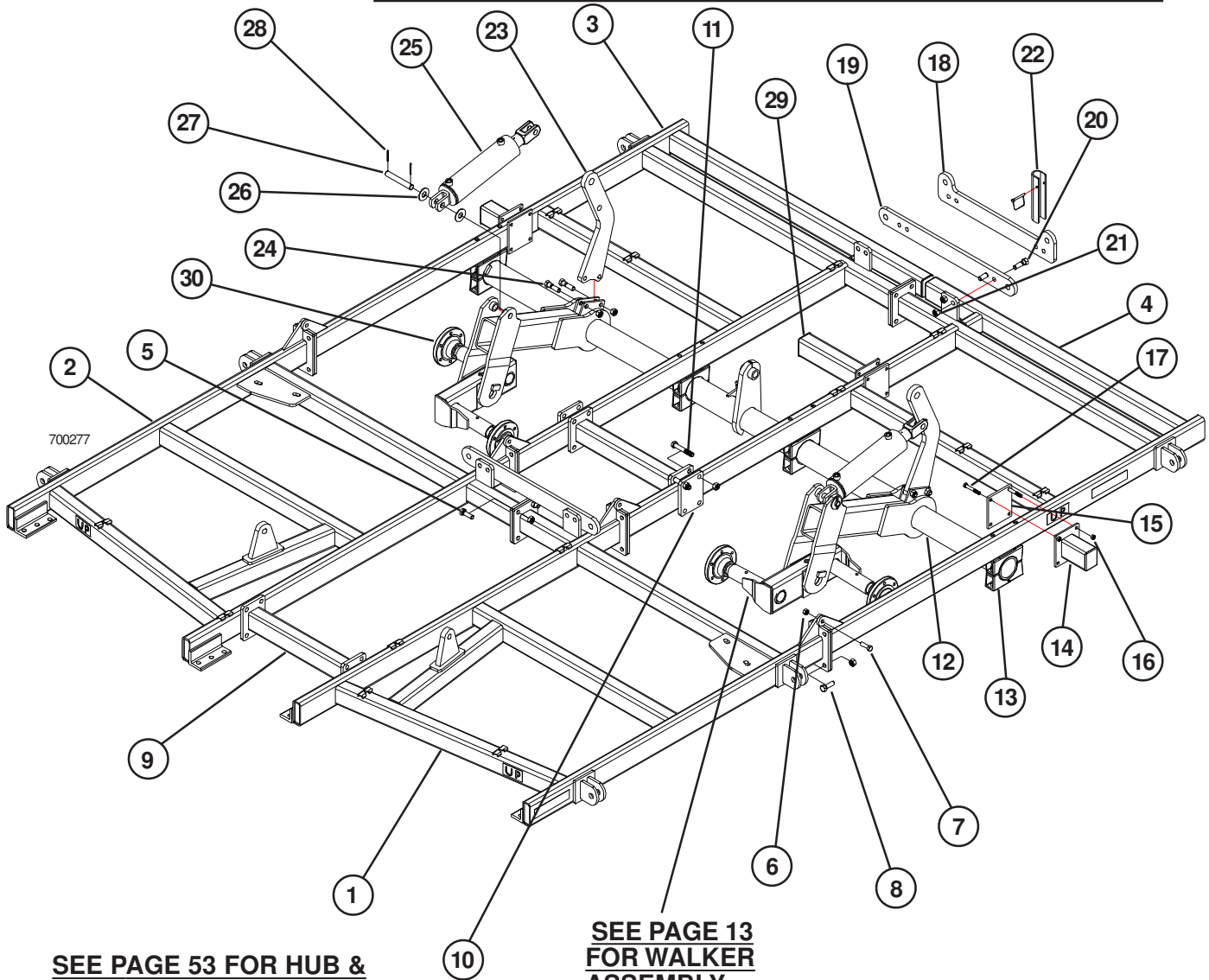
Modifications

It is the policy of WIL-RICH Operations to improve its products whenever possible and practical to do so. We reserve the right to make changes, improvements, and modifications at any time without incurring the obligation to make such changes, improvements and modifications on any equipment sold previously.

Abbreviations

ASSY	Assembly
BLD	Blade
BRKT	Bracket
CTR	Center
CP	Cup Point
(FF)	Female Female
GR	Grade of Bolt
HD	Heavy Duty
HDWE	Hardware
LH	Left Hand
(MF)	Male Female
MF	Main Frame
MTG	Mounting
NC	National Course Thread
NF	National Fine Thread
NPT	National Pipe Thread
RH	Right Hand
SS	Screw Stop
SST	Stainless Steel
TA	Tandem
TBP	Top Bypass
W/	With
W/O	Without

11FT MAIN FRAME 19, 22, 25, 28 & 31FT



SEE PAGE 53 FOR HUB & SPINDLE ASSEMBLY

SEE PAGE 13 FOR WALKER ASSEMBLY

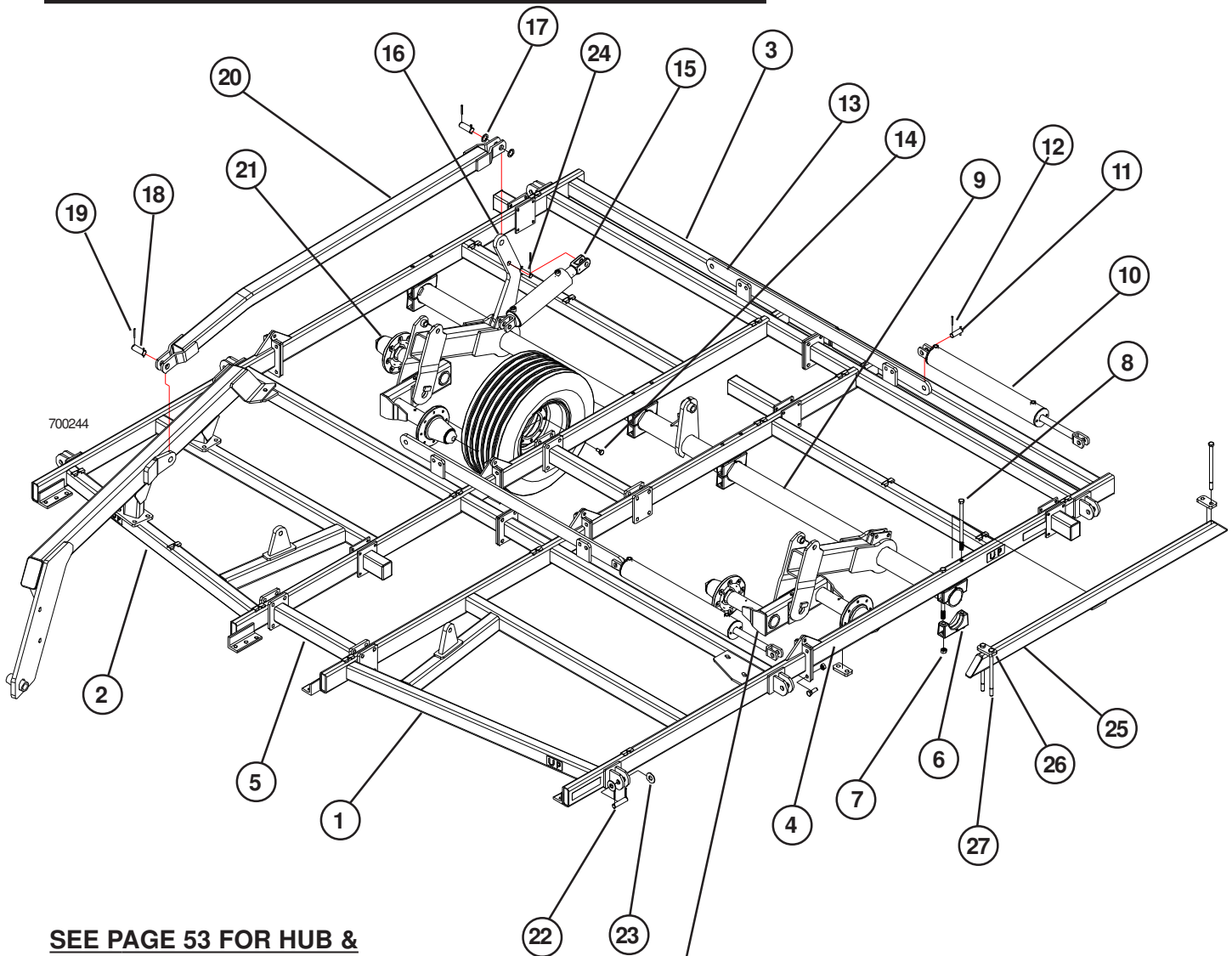
ITEM PART NO. DESCRIPTION

1	351037	MAIN FRAME WELD FRONT-LH 11FT
2	351036	MAIN FRAME WELD FRONT-RH 11FT
3	351038	MAIN FRAME WELD REAR-RH 11FT
4	351039	MAIN FRAME WELD REAR-LH 11FT
5	88604	BLT HEX 3/4-10NC X 2 5Z
6	88369	NUT LK 5/8-11NC 5Z
7	88294	BLT HEX 5/8-11NC X 2 5Z
8	88604	BLT HEX 3/4-10NC X 2 5Z
9	237634	INTERMEDIATE SUPPORT ARM
10	237633	CLAMP PLATE-PAINTED
11	88421	BLT HEX 3/4-10NC X 4-1/2 5Z
12	241430	11FT MAIN AXLE ASSEMBLY
13	34132	AXLE CLAMP
14	68021	6-1/2" SHANK STUB (5"MTG)

ITEM PART NO. DESCRIPTION

15	65688	BOLT PLATE 5.5X4.75 (5"MTG)
16	88363	NUT LK 1/2-13NC 5Z
17	88507	BLT HEX 1/2-13NCX3-1/2 5Z
18	239418	BAR-CYL MOUNT 4FT WING FOLD
19	237807	BAR CYL MNT-WING FOLD 11' MF
20	88404	BLT HEX 3/4-10NC X 2-1/2 5Z
21	88356	NUT LK 3/4-10NC 5Z
22	220061	1-1/2 IN CHNL LOCK 10 IN
23	221262	12.6 MAST ANCHOR MAIN (21.31 IN)
24	88841	BLT HEX 3/4-10NC X 2-3/4 5Z
25	67683F1	HYD CYL 4X12.56 TBP ILP FGS #A519CY24
26	88196	WSHR FLAT 1(1-1/16 X 2-1/2ACT) Z
27	68033	HEADLESS PIN(2) 1X6.38
28	42484	PIN ROLL 1/4 X 2-1/4 Z
29	237376	SHANK STUB WELD 16-1/2 IN
30	14131	HUB & SPINDLE ASSY 2 INCH

14FT MAIN FRAME 34, 37, 42, & 45FT



SEE PAGE 53 FOR HUB & SPINDLE ASSEMBLY

SEE PAGE 13 FOR WALKER ASSEMBLY

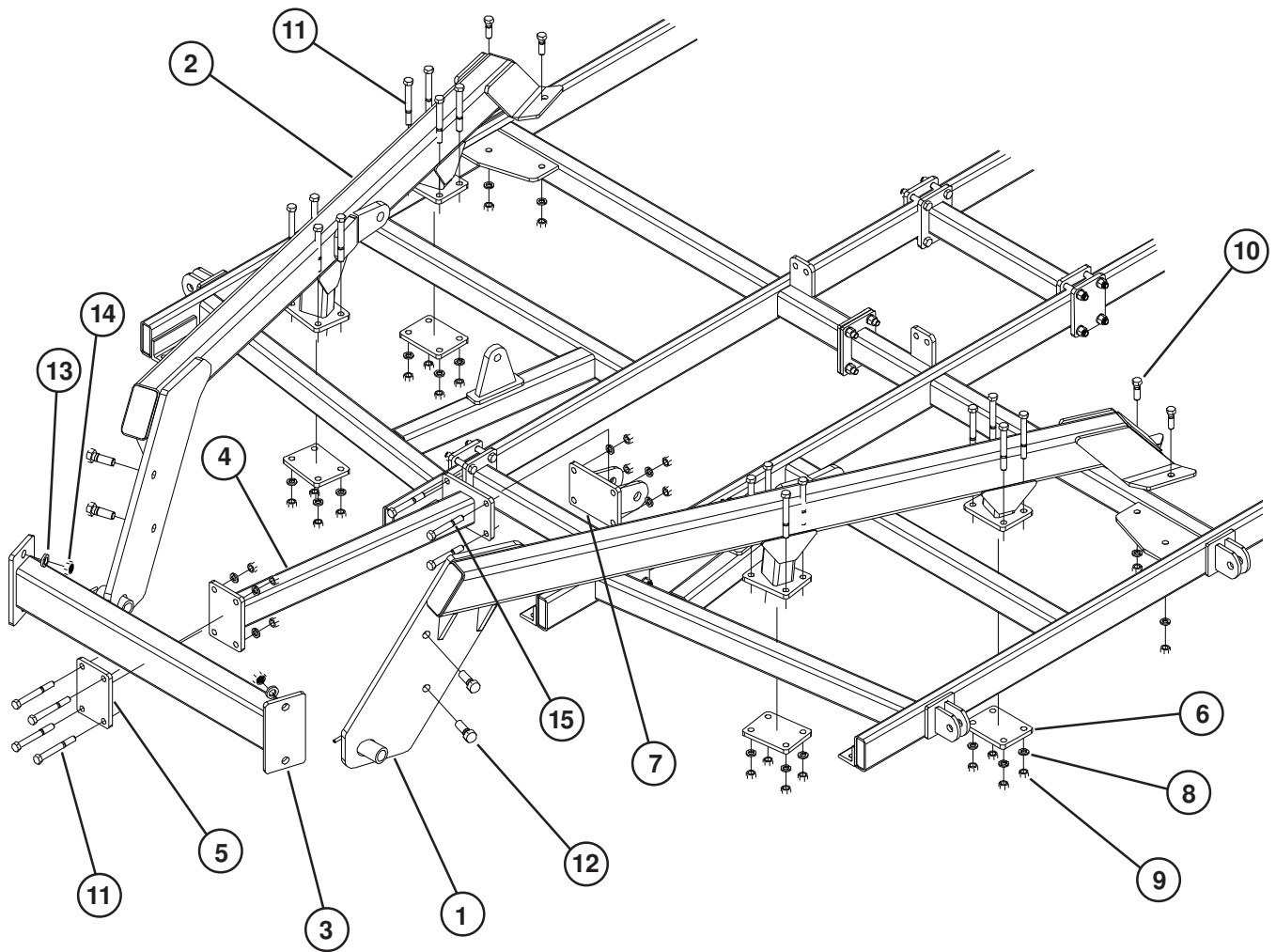
ITEM PART NO. DESCRIPTION

1	243132	MAIN FRAME WELD FRONT-LH 14FT
2	243100	MAIN FRAME WELD FRONT-RH 14FT
3	243101	MAIN FRAME WELD REAR-RH 14FT
4	243133	MAIN FRAME WELD REAR-LH 14FT
5	237634	INTERMEDIATE SUPPORT ARM
6	34132	AXLE CLAMP
7	88356	NUT LK 3/4-10NC 5Z
8	89165	BLT HEX 3/4-10NC X 13 5Z
9	246257	MAIN AXLE ASSY 2-1/2 SPDL
10	51229F	CYL, HYD 4X30 FGS #A519CY02
11	42473	HEADLESS PIN (H) (2) 1X2-3/8 ZP
12	42484	PIN ROLL 1/4 X 2-1/4 Z
13	237822	BAR-CYL MNT-WING FOLD 14' MF
14	63831	BOLT, WHEEL 9/16NF X 1-1/2

ITEM PART NO. DESCRIPTION

15	67683F1	HYD CYL 4X12.56 TBP ILP FGS #A519CY24
16	221262	12.6 MAST ANCHOR MAIN (21.31 IN)
17	88440	BSHG MCHRY 1-1/4 X 1-7/8 X 14GA Z
18	68034	HEADLESS PIN(2) 1-1/4X3.38
19	42484	PIN ROLL 1/4 X 2-1/4 Z
20	237697	TUBE WELD-MAIN MAST
21	16154	2-1/2 HUB & SPINDLE ASSY
22	221714	HEADLESS PIN(2) 1X4.00
23	88196	WSHR FLAT 1(1-1/16 X 2-1/2ACT) Z
24	42473	HEADLESS PIN (H) (2) 1X2-3/8 ZP
25	246442	RAIL SUPPORT - MF
26	246443	PLATE-RAIL CLAMP
27	88871	BLT HEX 3/4-10NC X 12 5Z

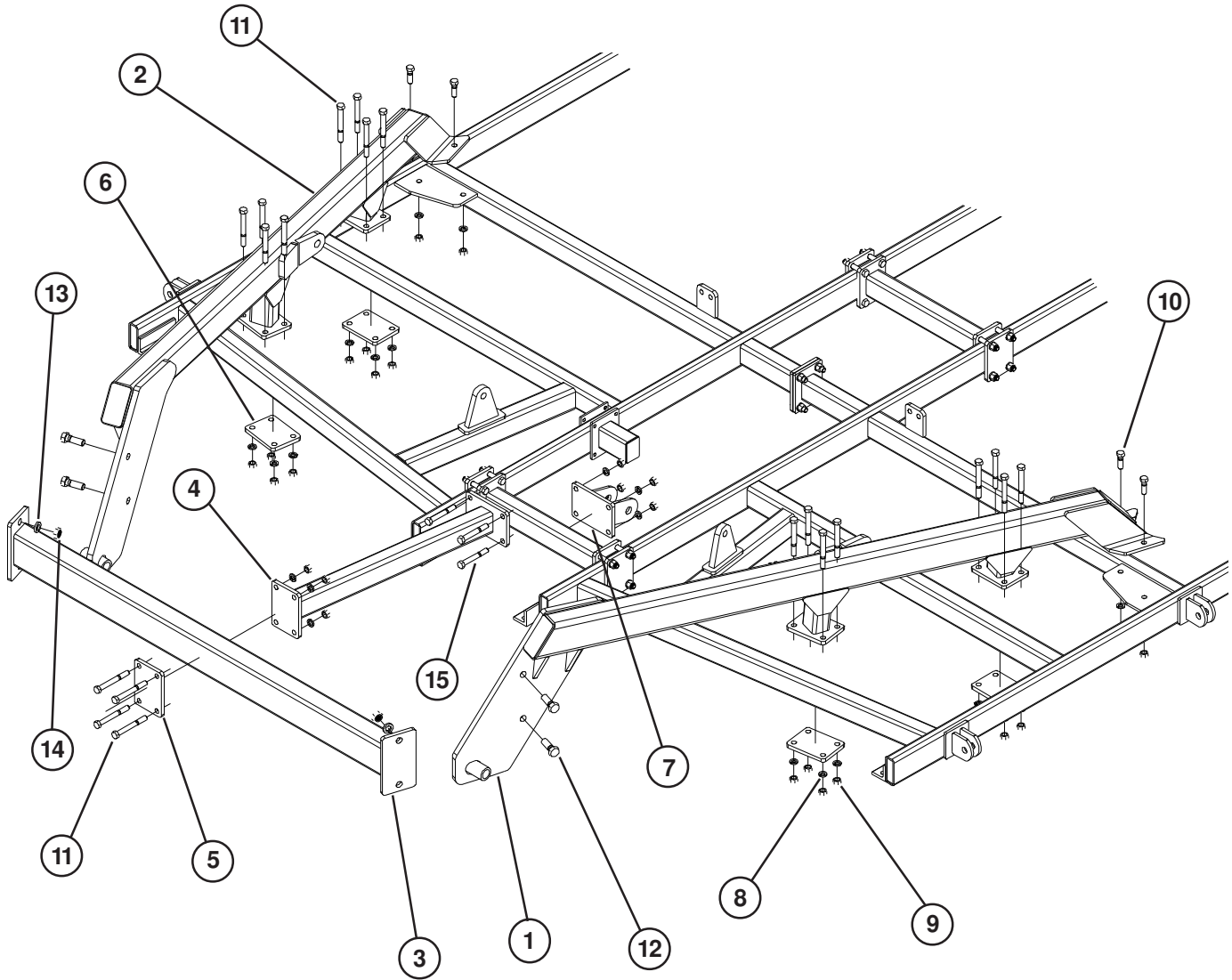
11FT PIVOT HITCH



ITEM PART NO. DESCRIPTION

1	237626	MAIN POLE WELD-LH
2	237630	MAIN POLE WELD-RH
3	237637	CROSS TUBE WELD-POLE CONNECTION
4	237641	TUBE WELD-FRONT SUPPORT
5	237640	CLAMP PLATE-PAINTED 4X6
6	237633	CLAMP PLATE-PAINTED
7	237694	BRACKET WELD-CENTER LIFT
8	88130	WSHR HLK 3/4ID(13/16ACT)Z
9	88110	NUT HEX 3/4NC
10	88404	BLT HEX 3/4-10NCX2-1/2 5Z
11	89130	BLT HEX 3/4-10NCX6-1/2 5Z
12	88399	BLT HEX 1-8NCX3 5Z
13	88617	WSHR HLK 1IDZ
14	88125	NUT HEX 1-8NC
15	88579	BLT HEX 3/4-10NCX5-1/2 5Z

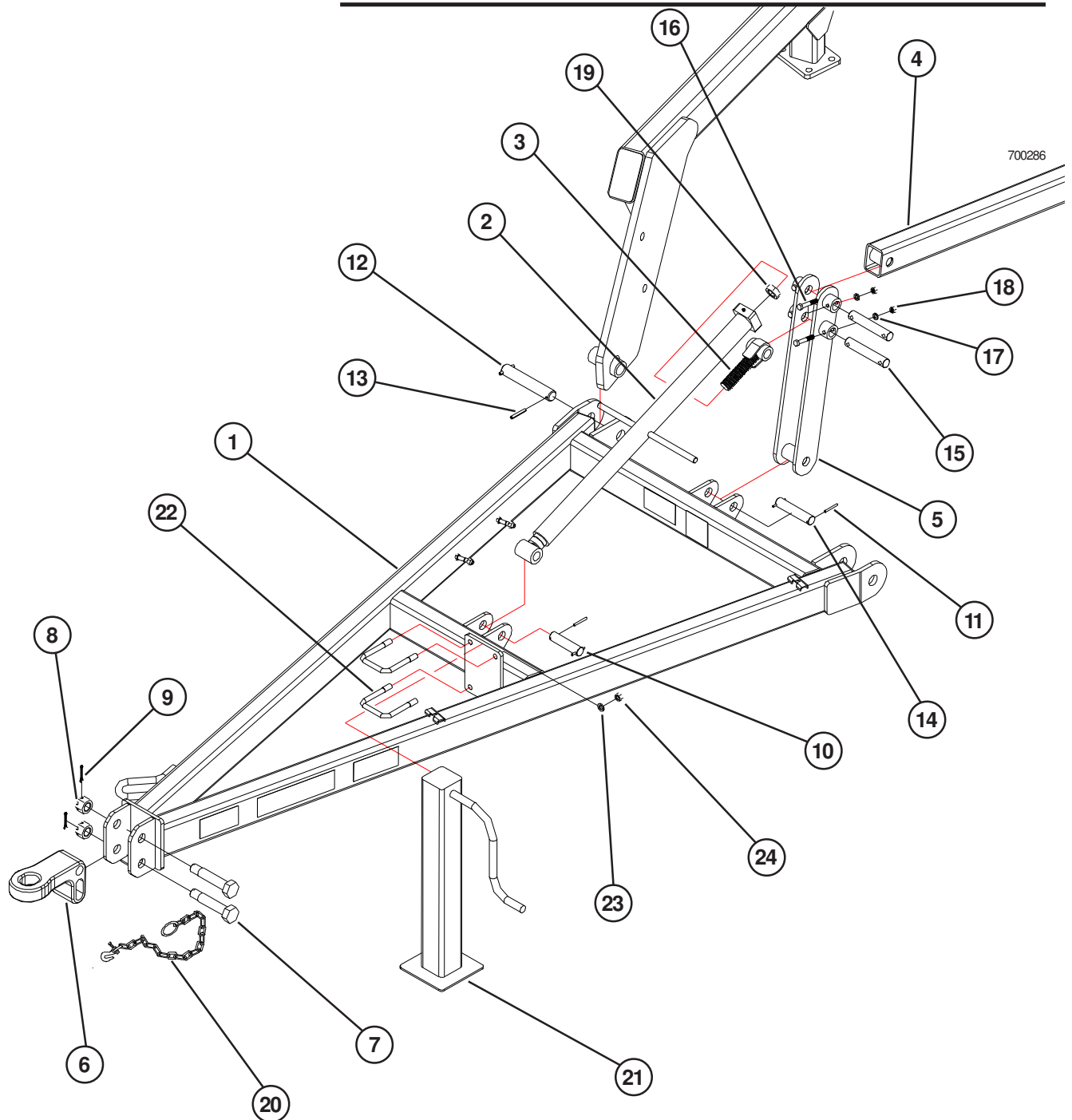
14FT PIVOT HITCH



ITEM PART NO. DESCRIPTION

1	237626	MAIN POLE WELD-LH
2	237630	MAIN POLE WELD-RH
3	237534	CROSS TUBE WELD-POLE CONN 14FT MF
4	237641	TUBE WELD-FRONT SUPPORT
5	237640	CLAMP PLATE-PAINTED 4X6
6	237633	CLAMP PLATE-PAINTED
7	237694	BRACKET WELD-CENTER LIFT
8	88130	WSHR HLK 3/4ID(13/16ACT)Z
9	88110	NUT HEX 3/4NC
10	88404	BLT HEX 3/4-10NCX2-1/2 5Z
11	89130	BLT HEX 3/4-10NCX6-1/2 5Z
12	88399	BLT HEX 1-8NCX3 5Z
13	88617	WSHR HLK 1IDZ
14	88125	NUT HEX 1-8NC
15	88579	BLT HEX 3/4-10NCX5-1/2 5Z

11FT MAIN HITCH & LEVEL LIFT ASSY



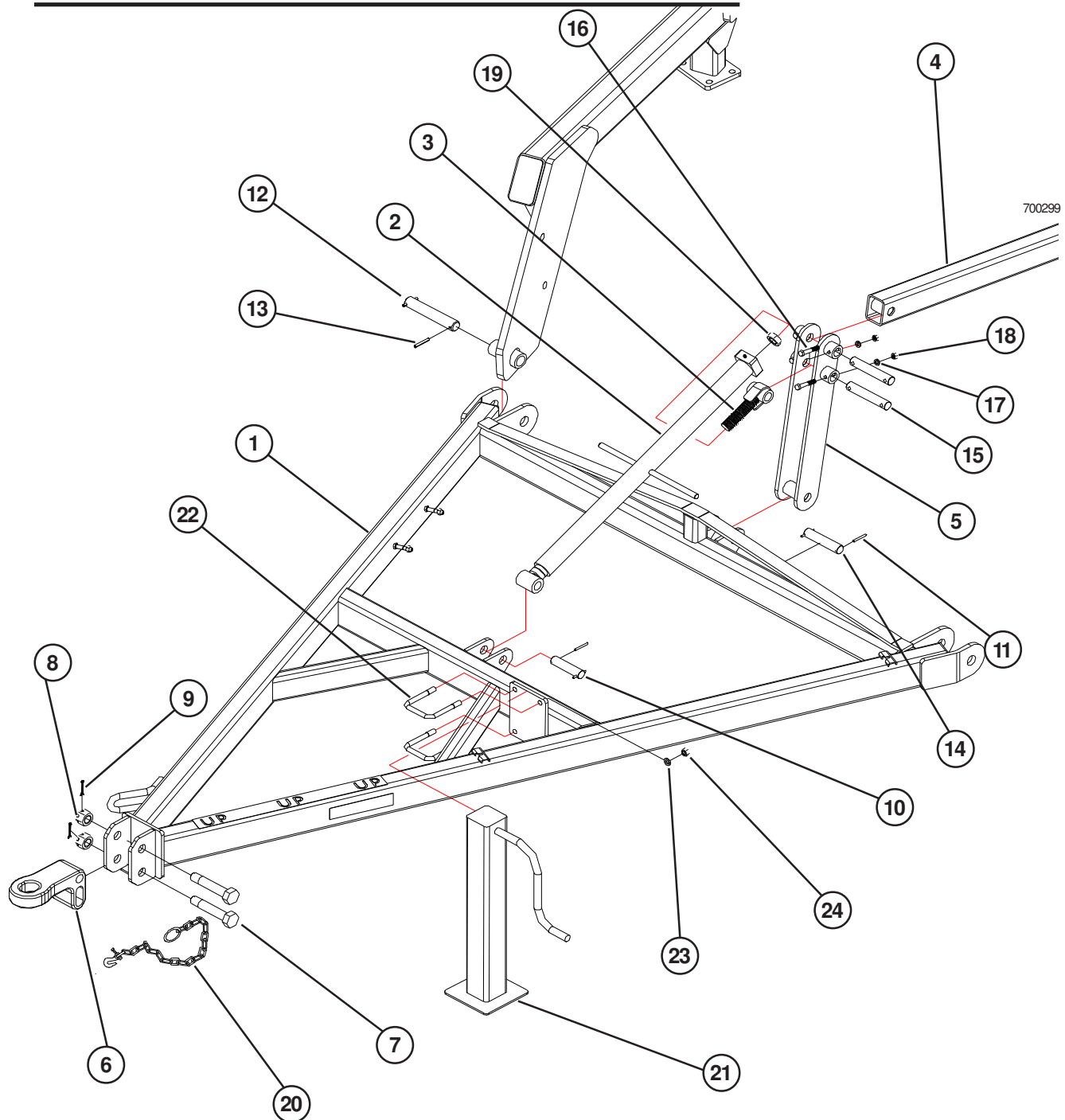
ITEM PART NO. DESCRIPTION

1	237623	HITCH WELD-11FT MF
2	237900	SCREW ADJUSTMENT WELD
3	234731	ADJUSTMENT ROD
4	237688	CENTER LIFT TUBE WELD-SHORT
5	237685	LINK ARM WELD-CENTER LIFT-FRONT
6	18236	CAST DUAL HITCH
7	11638	HITCH BOLT
8	88350	NUT SLTD 1-1/4-7NC 5Z
9	88133	PIN COT 3/16DIA X 2 Z
10	68031	HEADLESS PIN(2) 1-1/4X5.12
11	42484	1/4X2-1/4 ROLL PIN
12	65693	HEADLESS PIN(2) 1-1/2X7-3/4

ITEM PART NO. DESCRIPTION

13	88770	PIN ROLL 3/8DIA X 2-1/2 Z
14	68030	HEADLESS PIN(2) 1-1/4X6.13
15	237843	1-1/4X7-1/16 DIA PIN-LEVEL LIFT
16	88541	BLT HEX 1/2-13NCX3 5Z
17	88303	WSHR HLK 1/2ID(9/16ACT)Z
18	88104	NUT HEX 1/2-13NC 5Z
19	88623	1-1/2NC JAM NUT
20	24459	SAFETY CHAIN
21	222324	SIDE WIND JACK
22	88145	BLT-U 5/8-11NC X 4 X 5-1/4 Z
23	88129	WSHR HLK 5/8ID(11/16ACT) Z
24	88126	NUT HEX 5/8-11NC 5Z

14FT MAIN HITCH & LEVEL LIFT ASSY



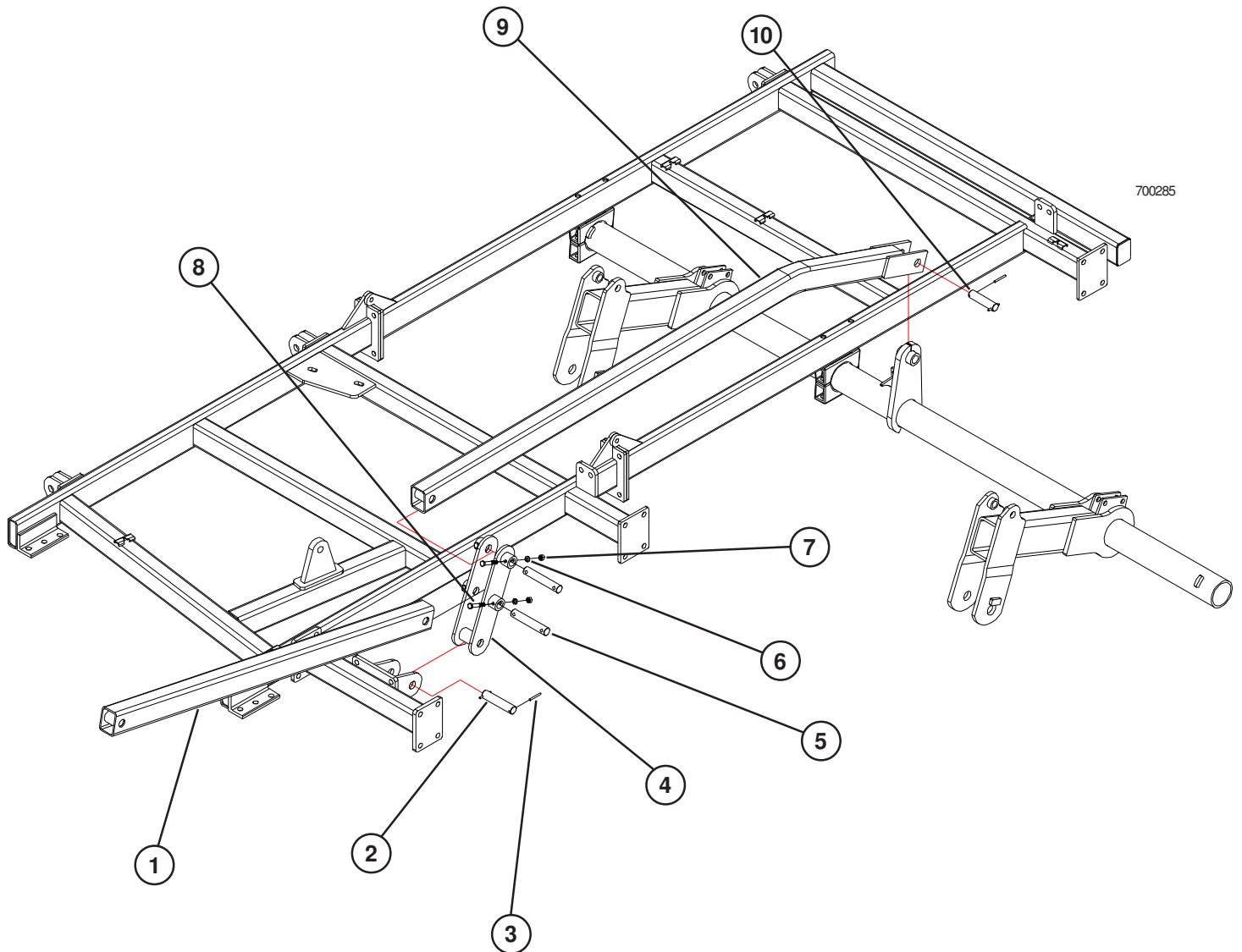
ITEM PART NO. DESCRIPTION

1	237527	HITCH WELD-14FT MF
2	237900	SCREW ADJUSTMENT WELD
3	234731	ADJUSTMENT ROD
4	237688	CENTER LIFT TUBE WELD-SHORT
5	237685	LINK ARM WELD-CENTER LIFT-FRONT
6	18236	CAST DUAL HITCH
7	11638	HITCH BOLT
8	88350	NUT SLTD 1-1/4-7NC 5Z
9	88133	PIN COT 3/16DIA X 2 Z
10	68031	HEADLESS PIN(2) 1-1/4X5.12
11	42484	1/4X2-1/4 ROLL PIN
12	65693	HEADLESS PIN(2) 1-1/2X7-3/4

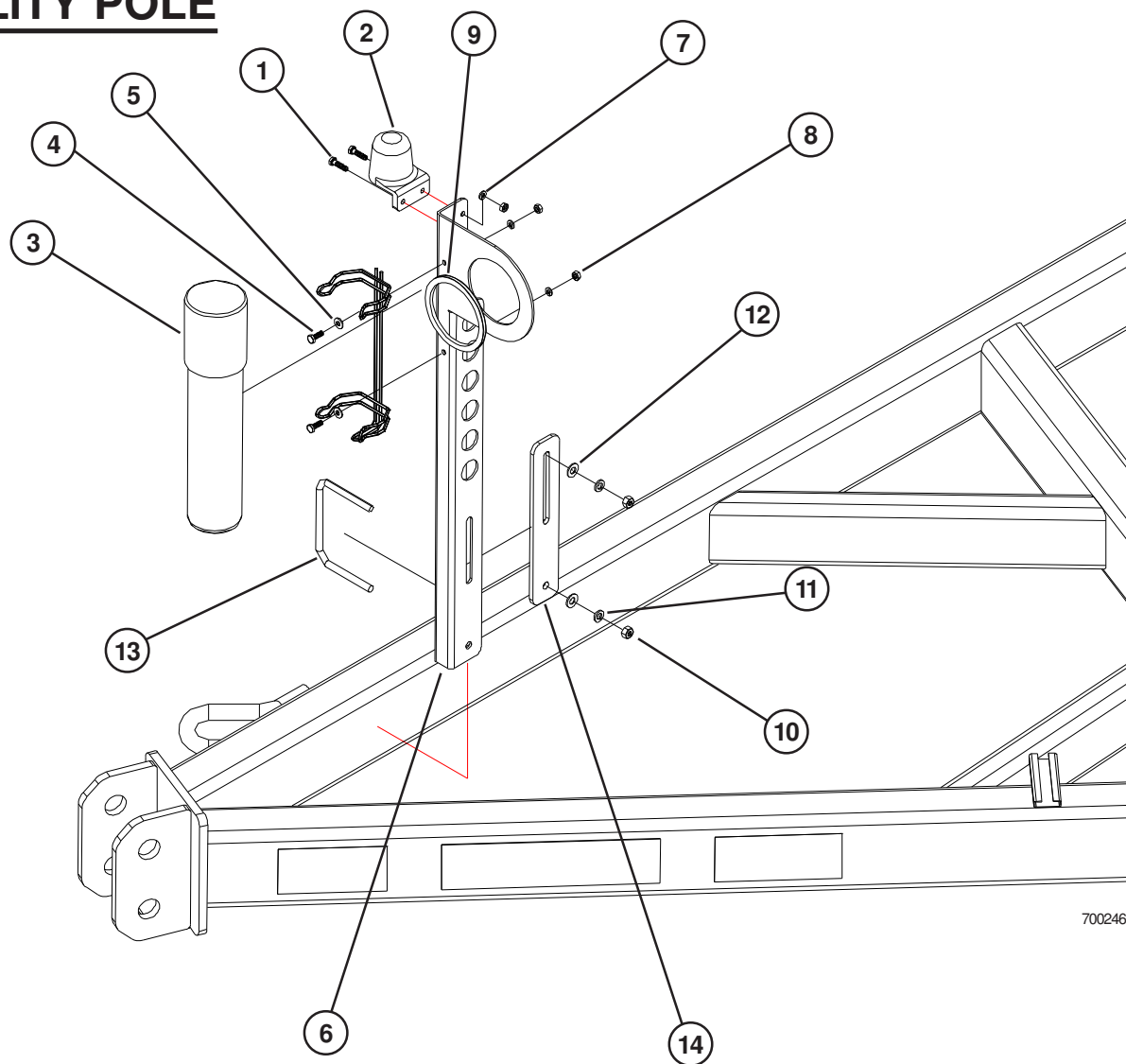
ITEM PART NO. DESCRIPTION

13	88770	PIN ROLL 3/8DIA X 2-1/2 Z
14	68030	HEADLESS PIN(2) 1-1/4X6.13
15	237843	1-1/4X7-1/16 DIA PIN-LEVEL LIFT
16	88541	BLT HEX 1/2-13NC X 3 5Z
17	88303	WSHR HLK 1/2ID(9/16ACT)Z
18	88104	NUT HEX 1/2-13NC 5Z
19	88623	1-1/2NC JAM NUT
20	24459	SAFETY CHAIN
21	222324	SIDE WIND JACK
22	88145	BLT-U 5/8-11NC X 4 X 5-1/4 Z
23	88129	WSHR HLK 5/8ID(11/16ACT) Z
24	88126	NUT HEX 5/8-11NC 5Z

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11

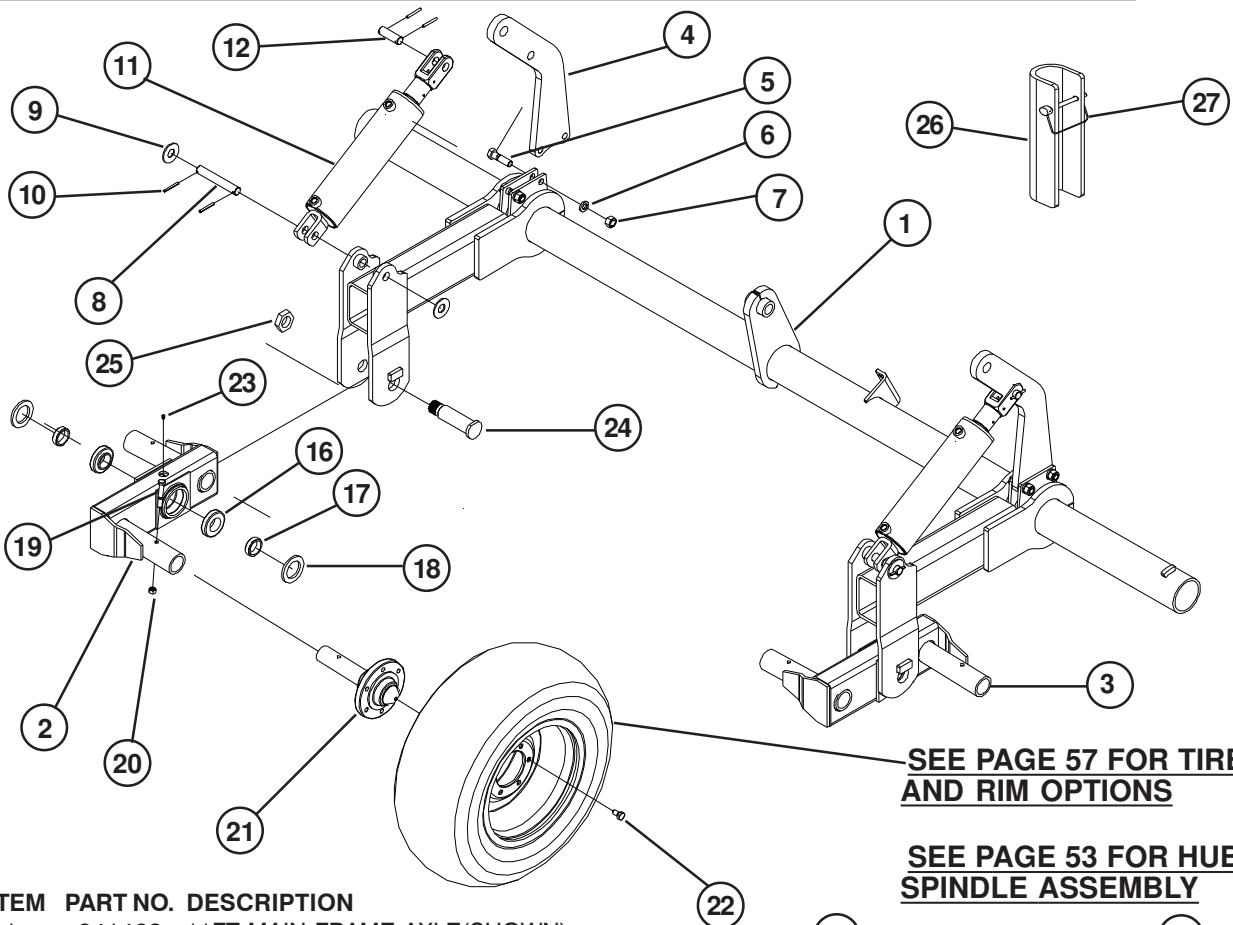
UTILITY POLE



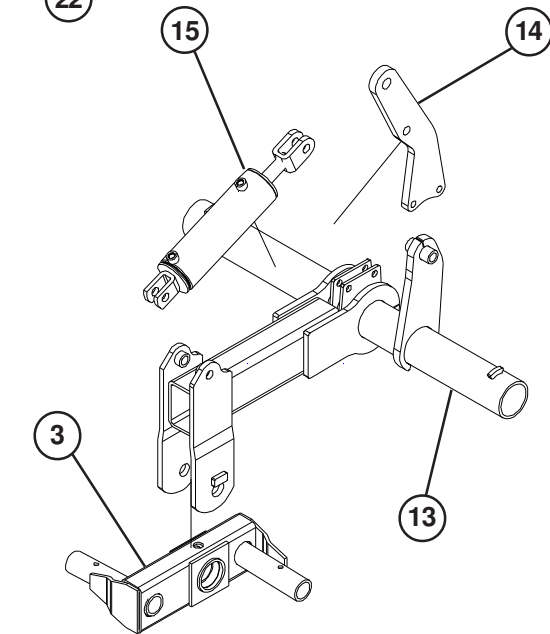
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ITEM	PART NO.	DESCRIPTION
1	88203	1/4NCX1 BOLT
2	223329	PLUG HOLDER
3	234313	MANUAL TUBE WITH BRACKET
4	88993	1/4NCX3/4 BOLT
5	88261	1/4" FLAT WASHER
6	236142	HYD HOSE BRACKET
7	88262	1/4" LOCK WASHER
8	88172	1/4NC HEX NUT
9	236092	RUBBER EDGE
10	88103	3/8NC HEX NUT
11	88362	3/8" LOCK WASHER
12	88282	3/8" FLAT WASHER
13	89069	3/8NCX4X5 U-BOLT
14	241777	BACKING PLATE

11&14FT MAIN FRAME & 10' WING TANDEM AXLE



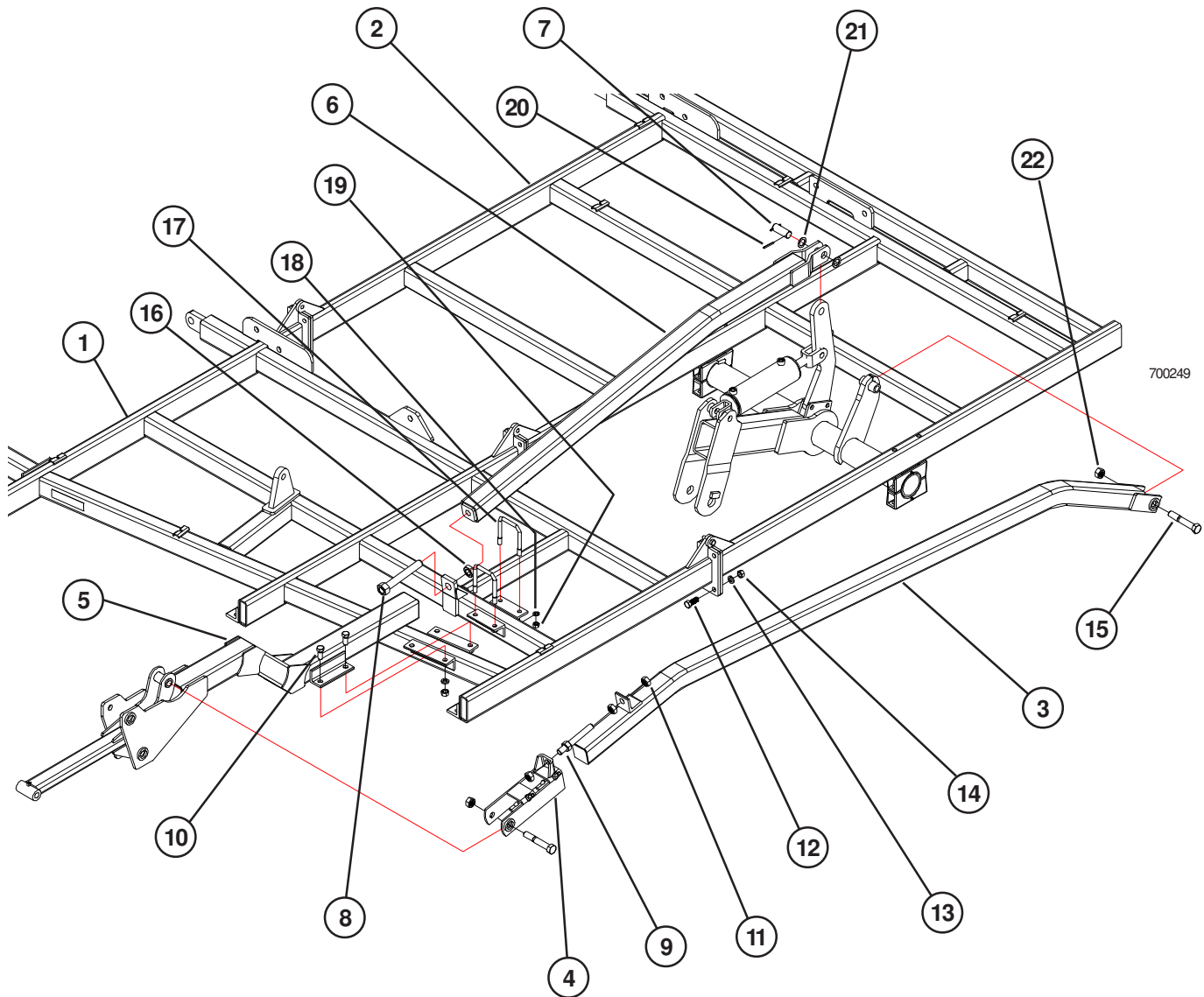
ITEM	PART NO.	DESCRIPTION
1	241428	11FT MAIN FRAME AXLE(SHOWN)
	237525	14FT MAIN FRAME AXLE
2	61834	RH WALKER ASSY 2"(SHOWN)
3	61832	LH WALKER ASSY 2"(SHOWN)
2	221478	LH WALKER ASSY 2-1/2"
3	221479	RH WALKER ASSY 2-1/2"
4	221262	12.6 MAST ANCHOR(21.31)
5	88841	BLT HEX 3/4-10NCX2-3/4 5Z
6	88130	WSHR HLK 3/4ID(13/16ACT)Z
7	88110	NUT HEX 3/4-10NC 5Z
8	68033	HEADLESS PIN(2) 1X6.38
9	88196	WSHR FLAT 1(1-1/16X2-1/2ACT)Z
10	42484	1/4X2-1/4 ROLL PIN
11	67683F1	HYD CYL 4X12.56BP FGS #A519CY24
12	42473	HEADLESS PIN (H) (2) 1X2-3/8
13	237617	WING AXLE WELD-LH (SHOWN)
	237819	WING AXLE WELD-RH
14	221261	10.8 MAST ANCHOR(19.80)
15	67688F1	HYD CYL 4X10.8BP FGS #A519CY25
16	12103	1.75 BORE BRG CONE (25580)
17	16278	BEARING BUSHING
18	26120	2.25ID X 3.40 OD TRIPLE LIP SEAL
19	88429	1/2NFX3-1/4 GR5 BOLT
	88298	BLT HEX 5/8-11NC X 4 5Z
20	88304	1/2NF LOCK NUT
21	14131	2" HUB & SPINDLE
	16154	2-1/2" HUB & SPINDLE
22	88142	BLT WHL 1/2-20NFX1 (13/16 HEAD)
23	88550	1/4NF GREASE FITTING



WING WALKER ASSY SAME AS MAIN AXLE

ITEM	PART NO.	DESCRIPTION
24	16277	TANDEM PIN
25	42082	1-1/2NF HYDRA LOCK NUT
26	220061	1-1/2" CHNL LOCK 10" (BLK)
27	915402	5/16X2-3/4 LYNCH PIN

10FT WING ASSEMBLY



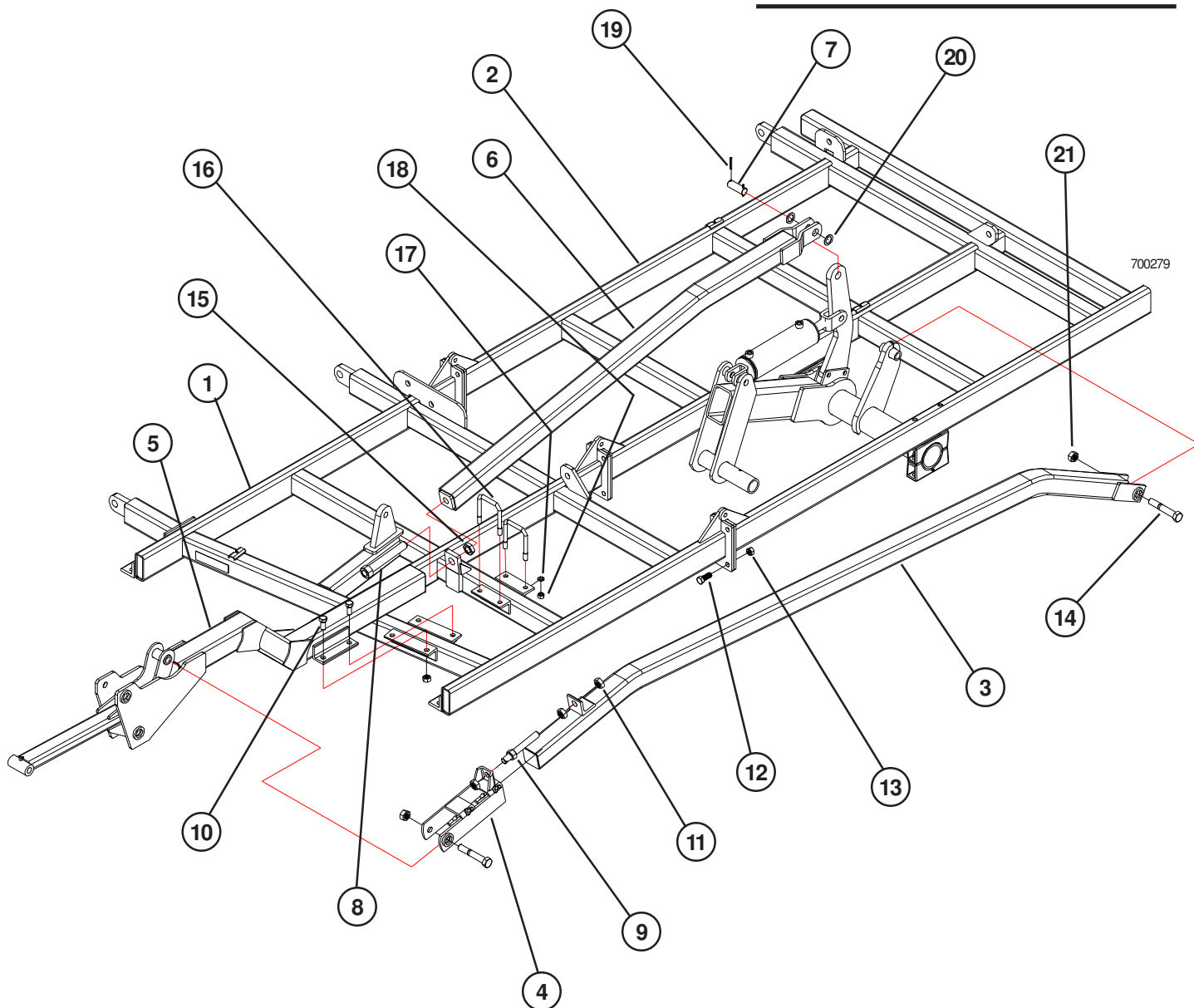
ITEM PART NO. DESCRIPTION

1	243152	WING FRAME-LH FRONT 10FT(SHOWN)
	243147	WING FRAME-RH FRONT 10FT
2	243153	WING FRAME-LH REAR 10FT(SHOWN)
	243148	WING FRAME-RH REAR 10FT
3	237802	TUBE WELD-GANG WHEEL
4	220843	GAUGE TUBE ADJUSTABLE BRACKET
5	237673	GAUGE WHEEL ARM-LH(SHOWN)
	238403	GAUGE WHEEL ARM-RH
6	237700	WING MAST
7	68034	HEADLESS PIN (2) 1-1/4X3-3/8
8	69799	ADJUSTER ROD (9.5)
9	48890	ADJUSTMENT ROD ASSEMBLY
10	88405	BLT HEX 3/4-11NCX1-3/4 5Z
11	88125	NUT HEX 1-8NC 5Z
12	88604	BLT HEX 3/4-10NC X 2 5Z
13	88130	WSHR HLK 3/4ID(13/16ACT)Z
14	88110	NUT HEX 3/4NC
15	88264	BLT HEX 1-8NCX6 5Z

ITEM PART NO. DESCRIPTION

16	88622	NUT JAM 1-1/4-7NC 5Z
17	88145	BLT-U 5/8-11NC X 4 X 5-1/4 Z
18	88129	WSHR HLK 5/8ID(11/16ACT) Z
19	88126	NUT HEX 5/8-11NC
20	42484	1/4X2-1/4 ROLL PIN
21	88440	BSHG MCHRY 1-1/4X1-7/8X14GA P
22	89075	NUT NYLON LOCK 1-8NC 5Z

7FT WING ASSEMBLY



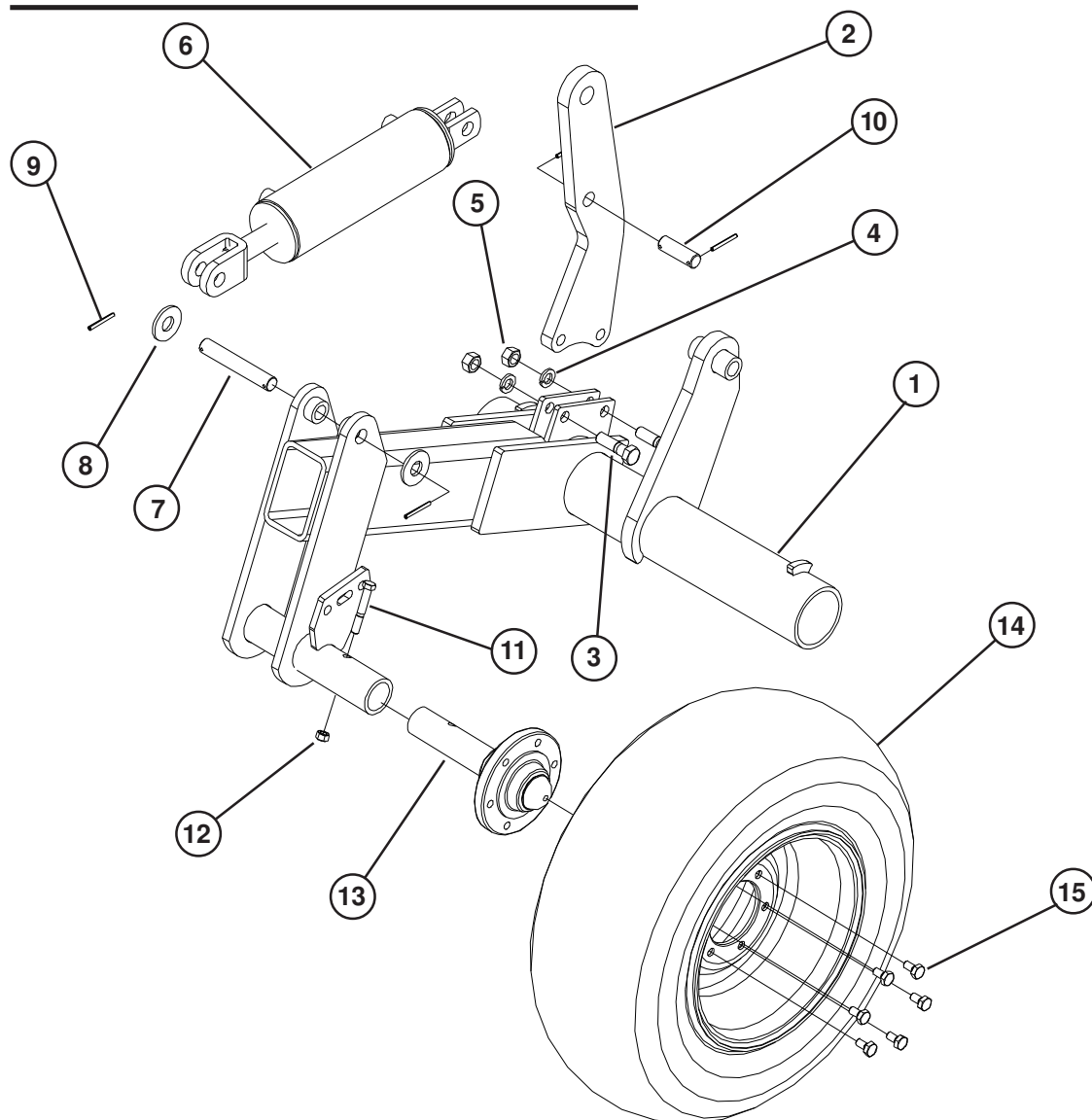
ITEM PART NO. DESCRIPTION

1	351053	WING FRAME-LH FRONT 7FT(SHOWN)
	351055	WING FRAME-RH FRONT 7FT
2	351054	WING FRAME-LH REAR 7FT(SHOWN)
	351056	WING FRAME-RH REAR 7FT
3	238477	TUBE WELD-GANG WHEEL
4	220843	GAUGE TUBE ADJUSTABLE BRACKET
5	237673	GAUGE WHEEL ARM-LH(SHOWN)
	238403	GAUGE WHEEL ARM-RH
6	237700	WING MAST
7	68034	HEADLESS PIN (2) 1-1/4X3-3/8
8	69799	ADJUSTER ROD (9.5)
9	48890	ADJUSTMENT ROD ASSEMBLY
10	88405	BLT HEX 3/4-11NCX1-3/4 5Z
11	88125	NUT HEX 1-8NC 5Z
12	88604	BLT HEX 3/4-10NC X 2 5Z
13	88356	NUT HEX 3/4NC
14	88264	BLT HEX 1-8NCX6 5Z

ITEM PART NO. DESCRIPTION

15	88622	NUT JAM 1-1/4-7NC 5Z
16	88145	BLT-U 5/8-11NC X 4 X 5-1/4 Z
17	88129	WSHR HLK 5/8ID(11/16ACT) Z
18	88126	NUT HEX 5/8-11NC
19	42484	1/4X2-1/4 ROLL PIN
20	88440	BSHG MCHRY 1-1/4X1-7/8X14GA P
21	89075	NUT NYLON LOCK 1-8NC 5Z

7FT WING AXLE ASSEMBLY

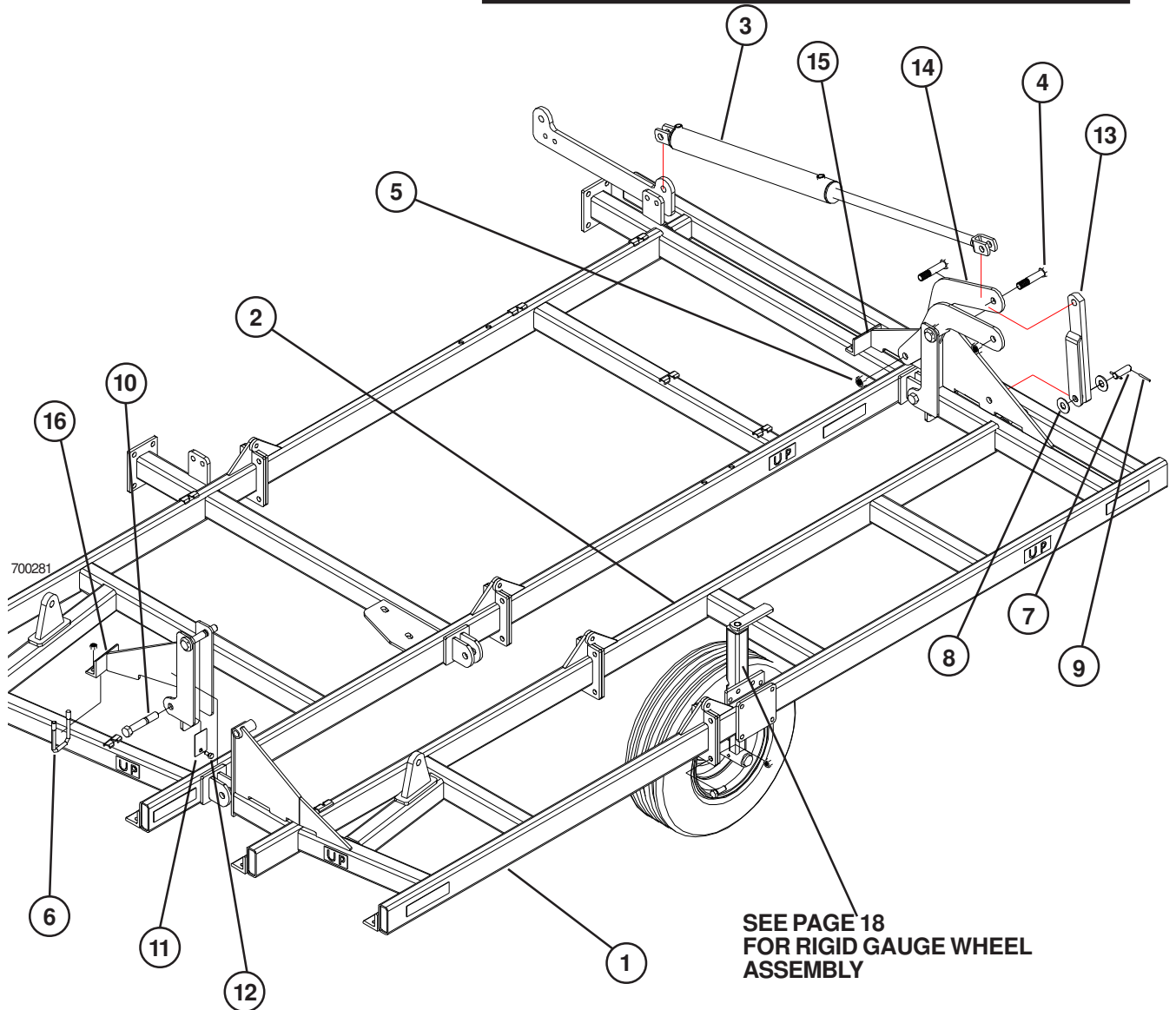


ITEM	PART NO.	DESCRIPTION
1	238463	WING AXLE 7FT LH(SHOWN)
	238466	WING AXLE 7FT RH
2	221261	10.8 MAST ANCHOR(19.80)
3	88841	BLT HEX 3/4-10NCX2-3/4 5Z
4	88130	WSHR HLK 3/4ID(13/16ACT)Z
5	88110	NUT HEX 3/4-10NC 5Z
6	67688F1	HYD CYL 4X10.8BP FGS #A519CY25
7	68033	HEADLESS PIN(2) 1X6.38
8	88196	WSHR FLAT 1(1-1/16X2-1/2ACT)Z
9	42484	1/4X2-1/4 ROLL PIN
10	42473	HEADLESS PIN (H) (2) 1X2-3/8
11	88249	1/2NFX3-1/4 GR5 BOLT
12	88304	1/2NF LOCK NUT
13	14131	2" HUB & SPINDLE
14	24538	WHL ASSY 11LX15 6B 8" 8PGRAY
15	88142	1/2NFX1 (13/16 HEAD)

**SEE PAGE 57 FOR TIRE
AND RIM OPTIONS**

**SEE PAGE 53 FOR HUB &
SPINDLE ASSEMBLY**

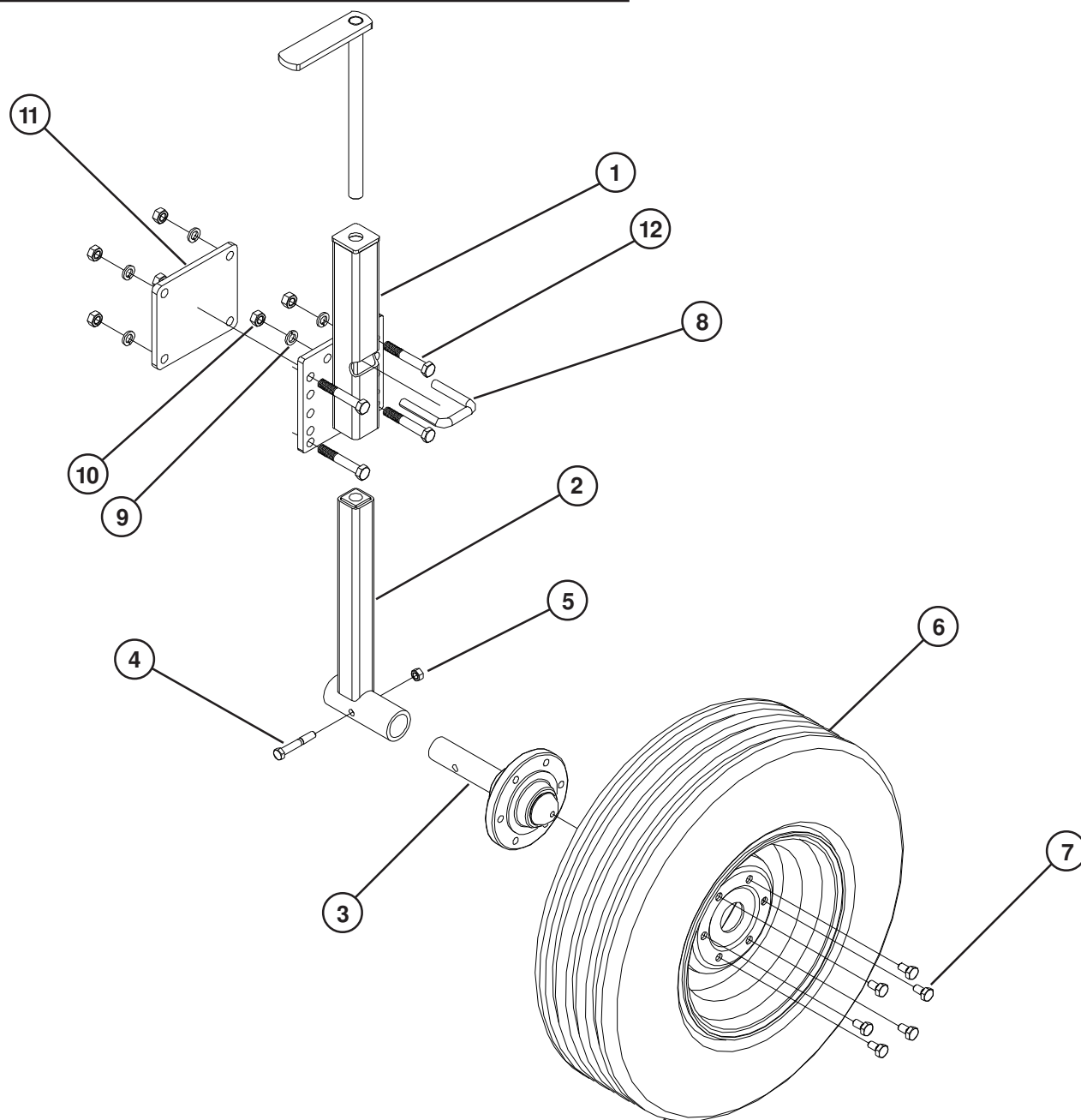
4FT WING ASSEMBLY 19 & 22FT



ITEM	PART NO.	DESCRIPTION
1	351061	WING FRAME-LH FRONT 4FT(SHOWN)
	351063	WING FRAME-RH FRONT 4FT
2	351062	WING FRAME-LH REAR 4FT(SHOWN)
	351064	WING FRAME-RH REAR 4FT
3	51242F	CYL HYD 3X30 FGS #A519CY11
4	88312	BLT HEX 1-8NCX5 5Z
5	89075	NUT NYLON LOCK 1-8NC 5Z
6	88503	BLT-U 5/8-11NCX3X5-1/4 Z
7	42473	HEADLESS PIN (H) (2) 1X2-3/8
8	88196	WSHR FLAT 1(1-1/16X2-1/2ACT)Z
9	42484	1/4X2-1/4 ROLL PIN
10	88264	BLT HEX 1-8NCX6 5Z
11	51469	SHIM
12	89015	BLT HEX 1/2-13NCX1 5Z

ITEM	PART NO.	DESCRIPTION
13	67903	LINKAGE ARM
14	67934	PLATE (2-HOLE)
15	238497	WING HINGE WELD-LH REAR (SHOWN)
	239438	WING HINGE WELD-RH REAR
16	238494	WING HINGE WELD-FRONT LH (SHOWN)
	239419	WING HINGE WELD-FRONT RH

4FT WING RIGID GAUGE WHEEL



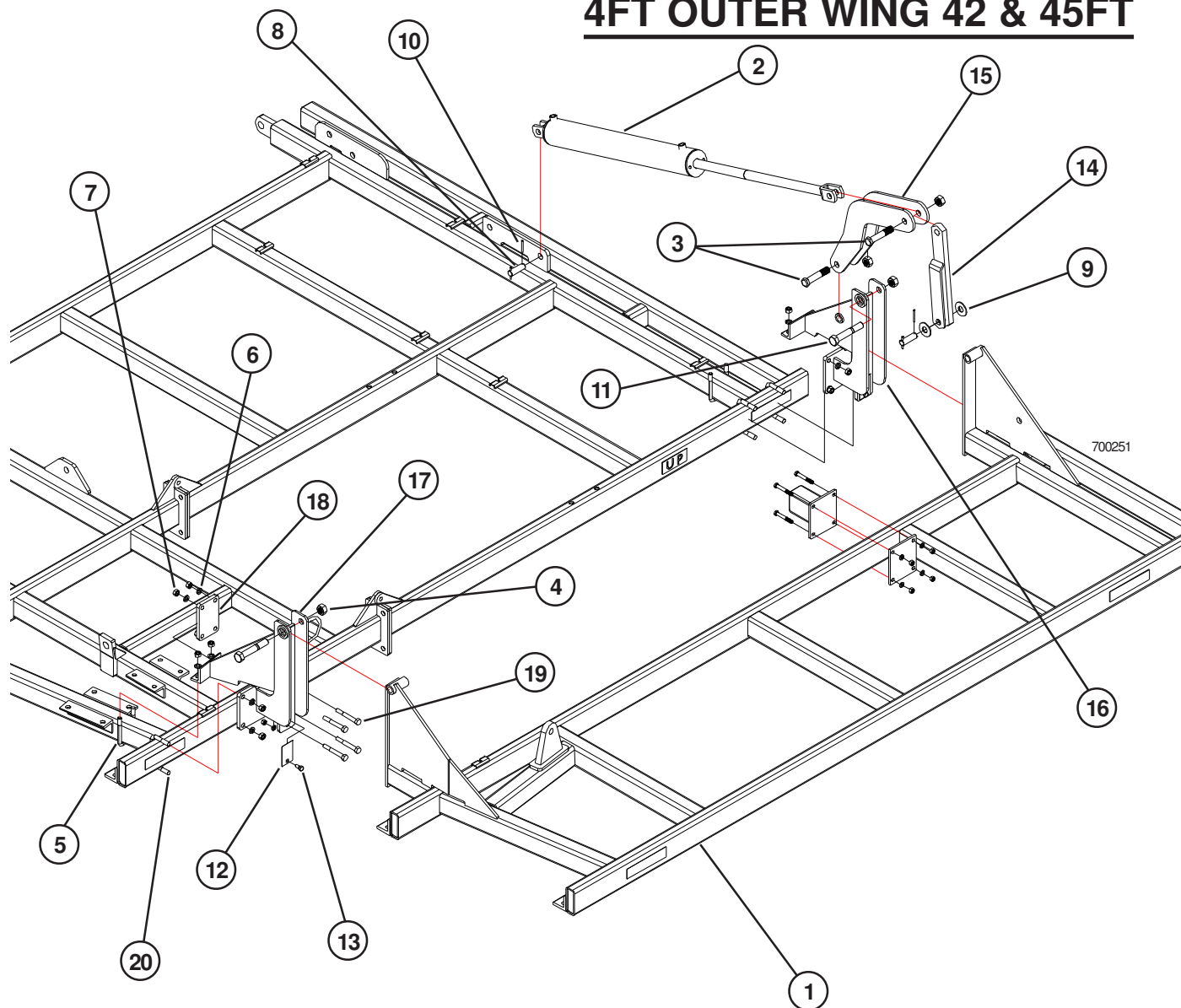
ITEM PART NO. DESCRIPTION

1	15485	TOP ADJUSTMENT ASSY
2	15475	GAUGE WHEEL LEG
3	41234	1-3/4 HUB&SPNDL(LG8100001)
4	88429	1/2NFx3-1/4 GR5 BOLT
5	88304	NUT 2POSLK 1/2NF
6	16290	WHL ASSY 95L x 15 6B 6" 8P GRAY
7	88142	1/2NFx1 (13/16 HEAD)
8	88311	BLT-U 5/8-11NCX2-1/2X3-3/4
9	88129	WSHR HLK 5/8ID(11/16ACT)Z
10	88126	NUT HEX 5/8-11NC 5Z
11	239411	BACK PLATE-GAUGE WHEEL
12	88298	BLT HEX 5/8-11NCX4 5Z

**SEE PAGE 57 FOR TIRE
AND RIM OPTIONS**

**SEE PAGE 53 FOR HUB &
SPINDLE ASSEMBLY**

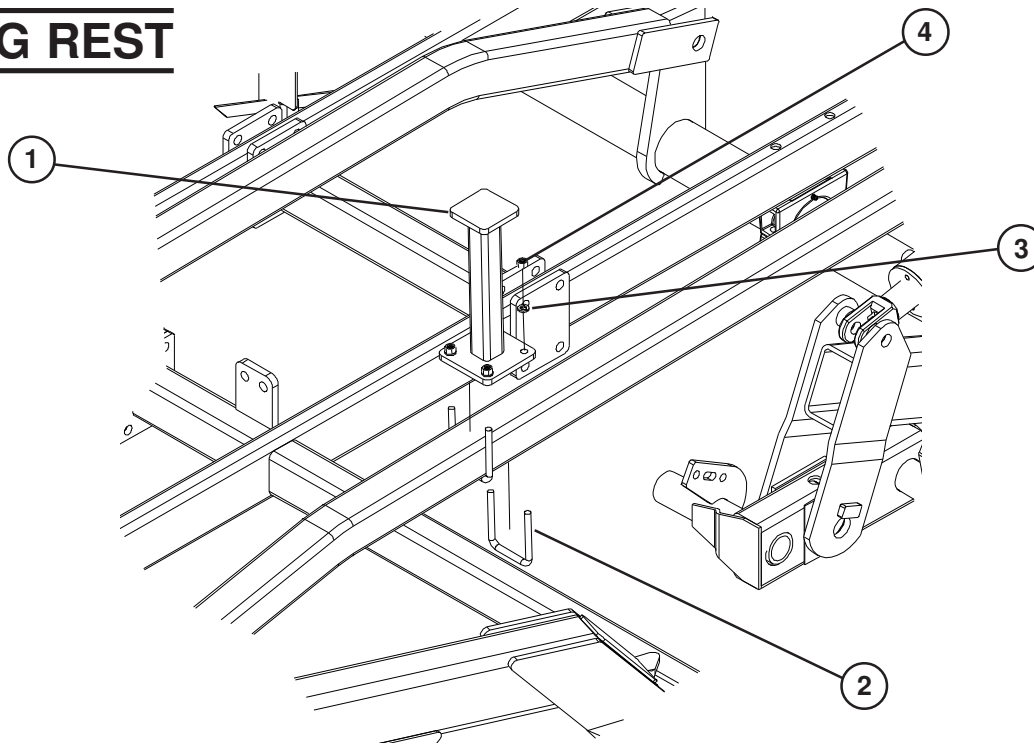
4FT OUTER WING 42 & 45FT



ITEM	PART NO.	DESCRIPTION
1	246294	OUTER WING FRAME-LH 4FT(SHOWN)
	246438	OUTER WING FRAME-RH 4FT
2	51242F	CYL HYD 3X30 FGS #A519CY11
3	88312	BLT HEX 1-8NCX5 5Z
4	89075	NUT NYLON LOCK 1-8NC 5Z
5	88503	BLT-U 5/8-11NCX3X5-1/4 Z
6	88129	WSHR HLK 5/8ID(11/16ACT)Z
7	88126	NUT HEX 5/8-11NC
8	42473	HEADLESS PIN (H) (2) 1X2-3/8
9	88196	WSHR FLAT 1(1-1/16X2-1/2ACT)Z
10	42484	1/4X2-1/4 ROLL PIN
11	88264	BLT HEX 1-8NCX6 5Z
12	51469	SHIM
13	89015	BLT HEX 1/2-13NCX1 5Z

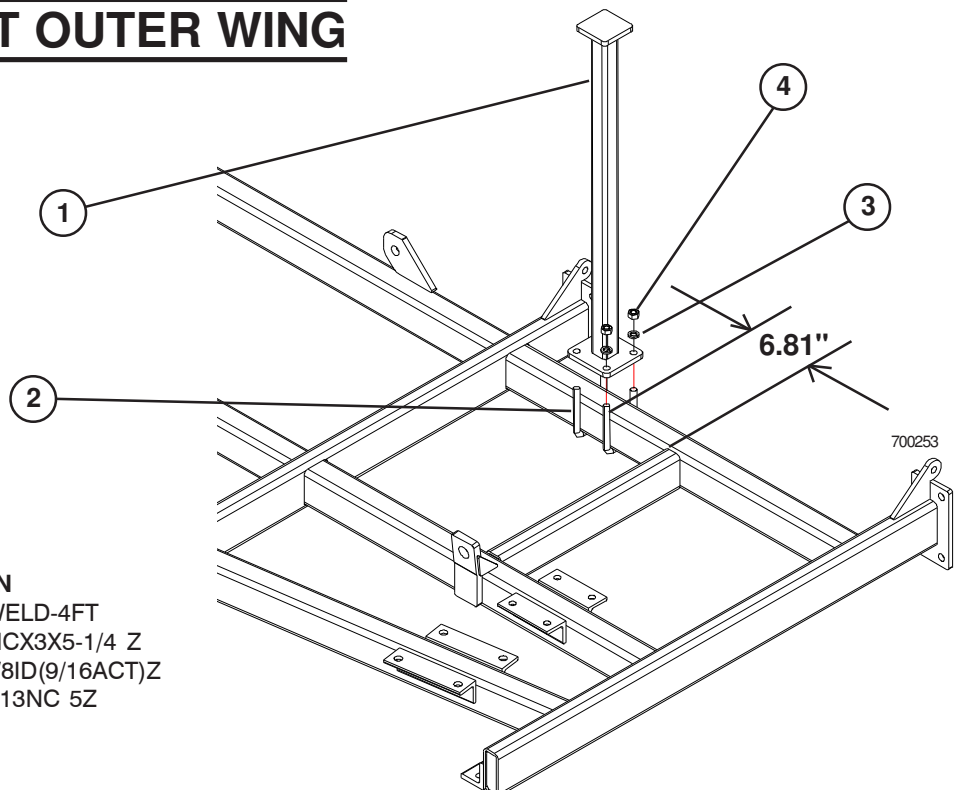
ITEM	PART NO.	DESCRIPTION
14	67903	LINKAGE ARM
15	67934	PLATE (2-HOLE)
16	246421	WING HINGE WELD-LH REAR (SHOWN)
	246431	WING HINGE WELD-RH REAR
17	246420	WING HINGE WELD-FRONT LH (SHOWN)
	246432	WING HINGE WELD-FRONT RH
18	246429	BACK PLATE-FRONT HINGE MNT
19	88381	BLT HEX 5/8-11NC X 4-1/2 5Z
20	89443	BLT-U 5/8-11NC X 5 X 3-1/2 Z

4' WING REST



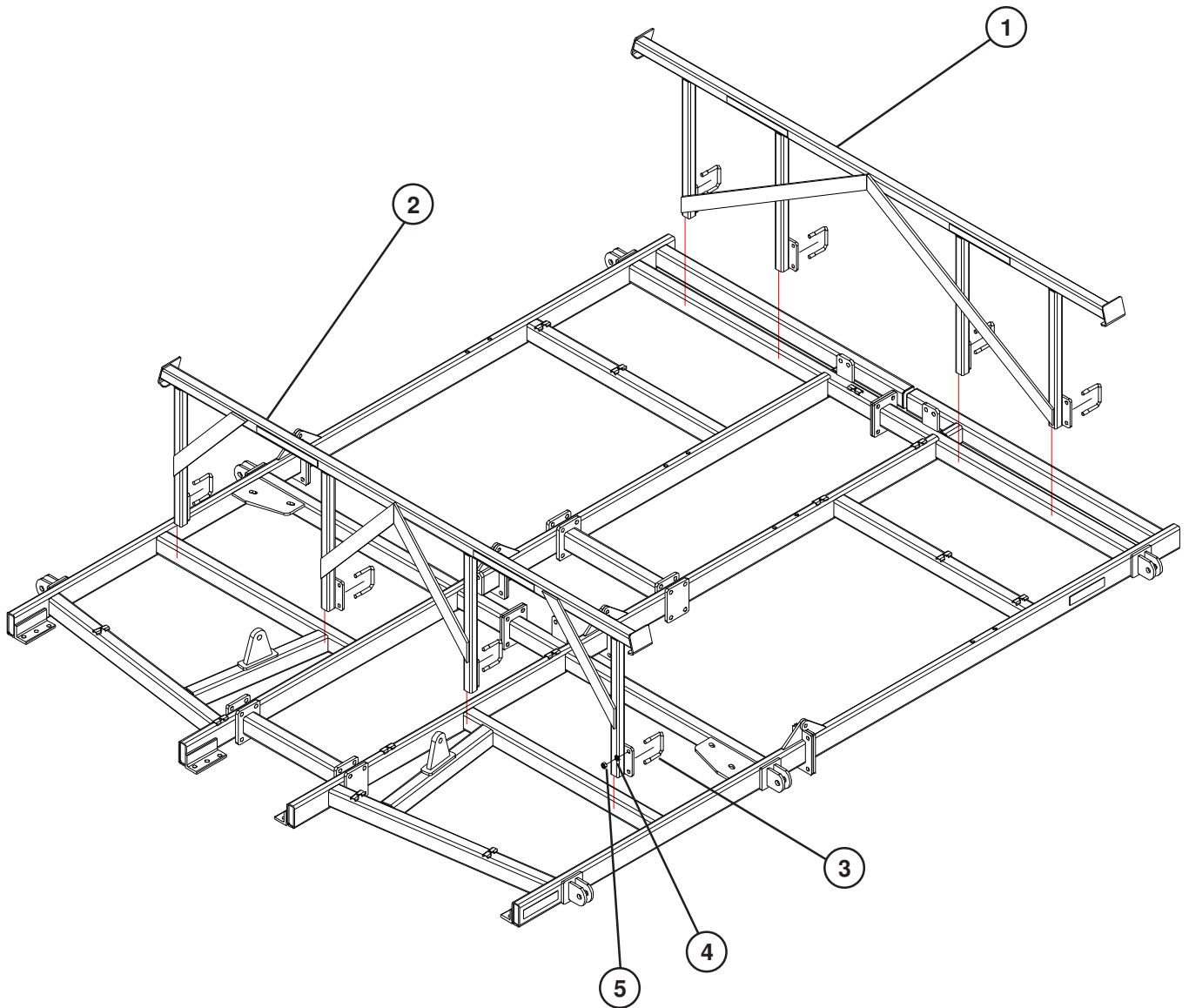
ITEM	PART NO.	DESCRIPTION
1	239415	WING REST WELD-4FT
2	89269	BLT-U 1/2-13NCX3-1/2X4-3/4 Z
3	88303	WSHR HLK 1/2ID(9/16ACT)Z
4	88104	NUT HEX 1/2-13NC 5Z

WING REST 4FT OUTER WING



ITEM	PART NO.	DESCRIPTION
1	246419	WING REST WELD-4FT
2	88503	BLT-U 5/8-13NCX3X5-1/4 Z
3	88129	WSHR HLK 5/8ID(9/16ACT)Z
4	88126	NUT HEX 5/8-13NC 5Z

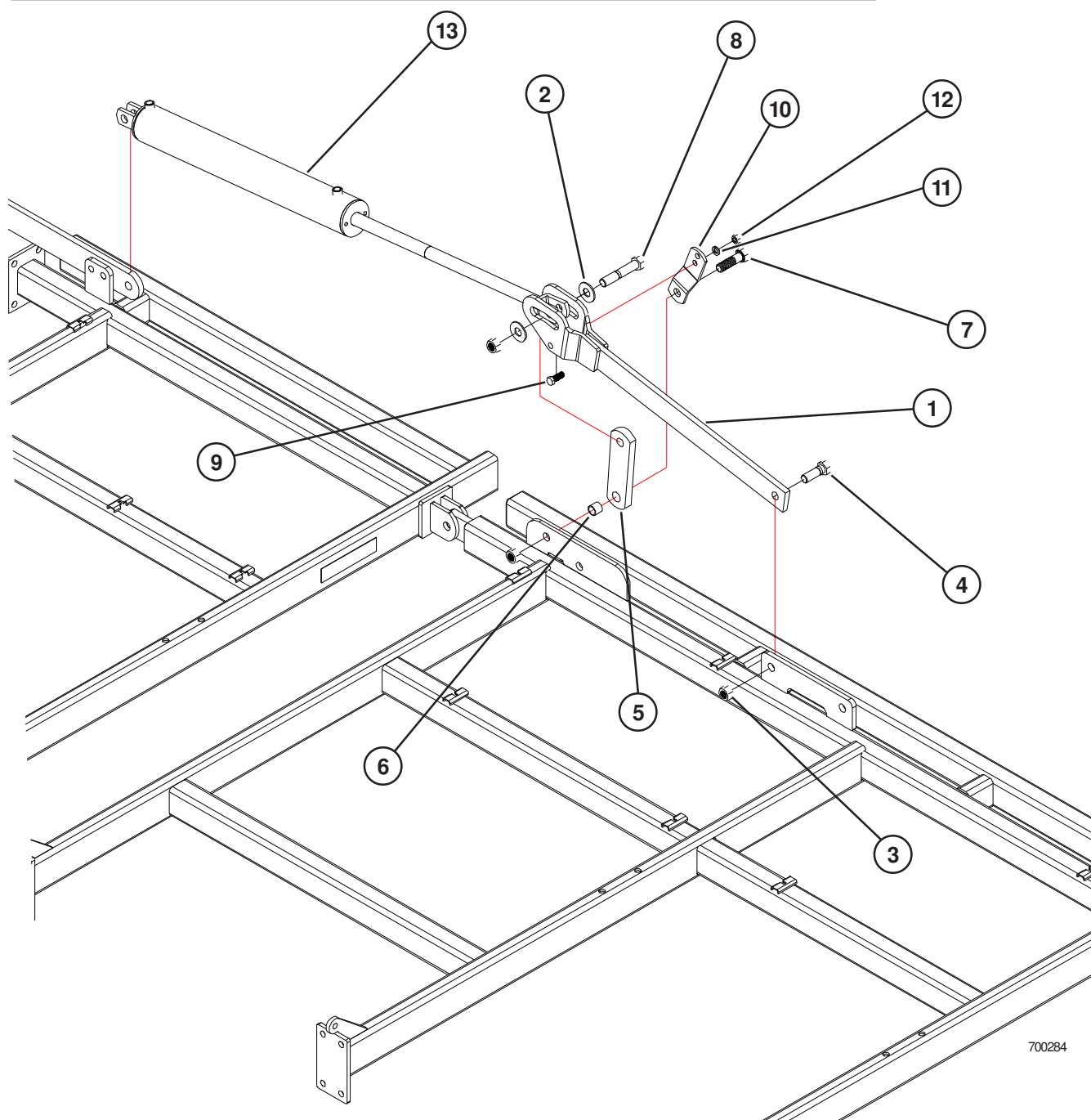
WING REST 11&14FT MAIN FRAME



ITEM PART NO. DESCRIPTION

1	237803	11FT WING REST WELD-REAR
	237823	14FT WING REST WELD-REAR
2	237849	11FT WING REST WELD-FRONT
	246444	14FT WING REST WELD-FRONT
3	88501	BLT-U 5/8-11NCX4X4-1/4 Z
4	88129	WSHR HLK 5/8ID(11/16ACT)Z
5	88126	NUT HEX 5/8-11NC

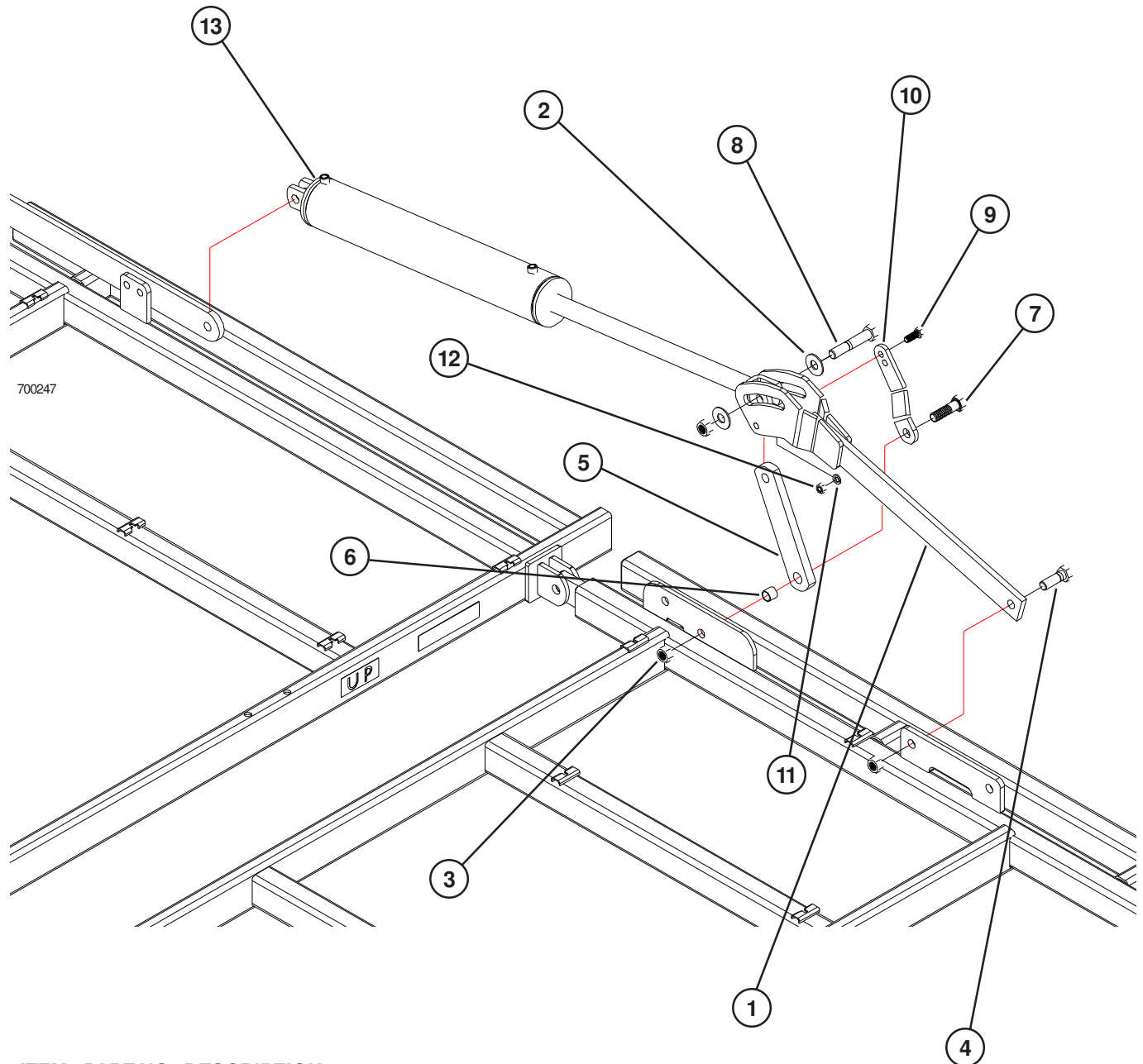
WING LIFT COMPONENTS 25, 28, 31, 34&37FT



700284

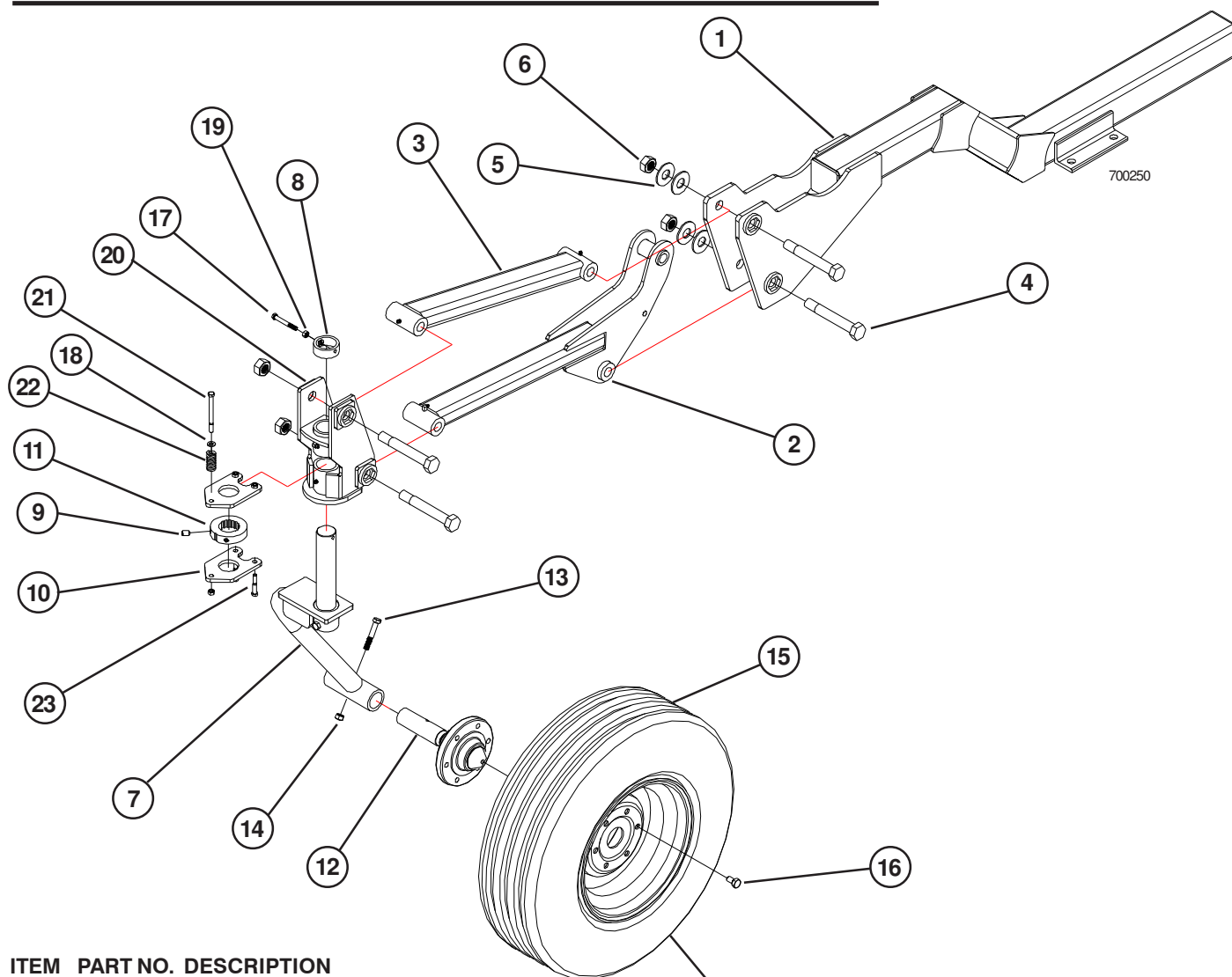
ITEM	PART NO.	DESCRIPTION
1	220870	LIFT LINK ARM-SHORT
2	88196	1 FLAT WASHER
3	89075	1NC NYLON TOPLOCK NUT
4	88399	1NCX3 GR5 BOLT
5	48522	WING LIFT LINK
6	48523	WING LIFT BUSHING (1.032IDX1-1/4ODX1.06)
7	88447	1NCX3-1/2 GR5 BOLT
8	88670	1NCX5-1/2 GR5 BOLT
9	88838	5/8NCX1-3/4 GR5 BOLT
10	220871	WING LINK STRAP
11	88129	WSHR HLK 5/8ID(11/16ACT)Z
12	88126	NUT HEX 5/8-11NC 5Z
13	51229F	CYL,HYD 4X30 FGS #A519CY02

WING LIFT COMPONENTS 42 & 45FT



ITEM	PART NO.	DESCRIPTION
1	246832	LIFT LINK ARM
2	88196	1 FLAT WASHER
3	89075	1NC NYLON TOPLOCK NUT
4	88399	1NCX3 GR5 BOLT
5	221267	WING LIFT LINK
6	48523	WING LIFT BUSHING (1.032IDX1-1/4ODX1.06)
7	88447	1NCX3-1/2 GR5 BOLT
8	88670	1NCX5-1/2 GR5 BOLT
9	88838	5/8NCX1-3/4 GR5 BOLT
10	245306	WING LINK STRAP
11	88129	WSHR HLK 5/8ID(11/16ACT)Z
12	88126	NUT HEX 5/8-11NC 5Z
13	20966F	HYD CYL 5X30 FGS #A519CY07

7' & 10' WING CASTERING GAUGE WHEEL

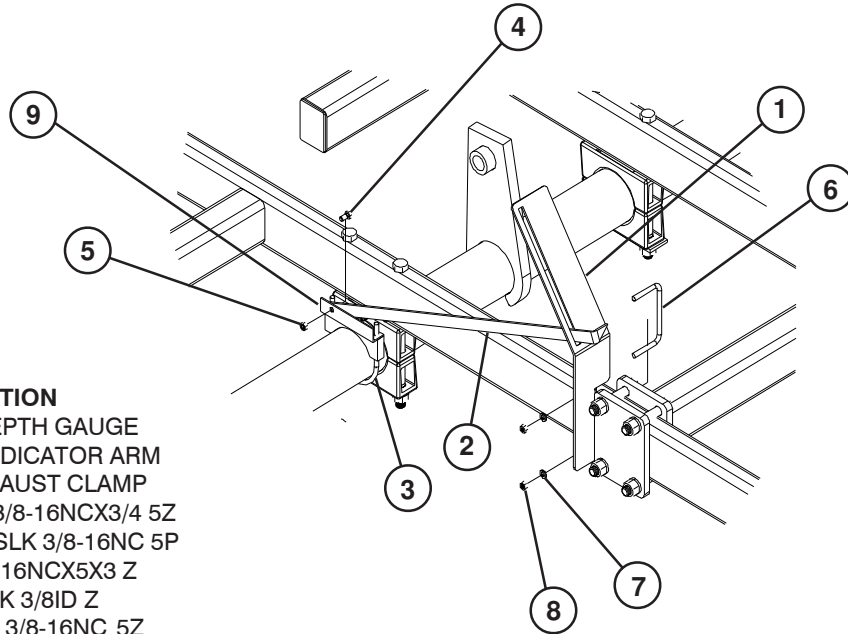


ITEM	PART NO.	DESCRIPTION
1	237673	GAUGE WHEEL ARM WELD-LH (SHOWN)
	238403	GAUGE WHEEL ARM WELD-RH
2	220840	QUADX LOWER GAUGE ARM
3	221100	EXCEL UPPER GAUGE WHEEL ARM
4	221336	GAUGE WHEEL PIVOT BOLT (1X6.88")
5	88196	WSHR FLAT 1(1-1/16X2-1/2ACT)Z
6	89075	NUT NYLON LOCK 1-8NC 5Z
7	240360	CASTER WHEEL LEG (RED)
8	14189	LINK ARM STOP COLLAR (RED)
9	88984	SET SCREW (1/2-13NC X 3/4)
10	242289	BREAK PLATE
11	242443	INNER BREAK PLATE
12	41234	1-3/4 HUB&SPNDL(LG8100001)
13	88541	BLT HEX 1/2-13NCX3 5Z
14	88363	NUT 2POS LK 1/2-13NC 5Z
15	24538	WHL ASSY 11LX15 6B 8" 8P GRAY
16	88142	1/2NFX1 (13/16 HEAD)
17	88531	BLT HEX 3/8-16NCX3 5Z
18	88282	WSHR FLAT 3/8(7/16 X 1ACT) Z
19	88103	NUT HEX 3/8-16NC 5Z
20	220850	GAUGE WHEEL PIVOT
21	89013	BLT HEX 3/8-16NC X 4-1/2 5Z
22	242217	SPRING-CASTER WHL BRAKE(PAINTED)
23	88581	BLT HEX 3/8-16NC X 2-1/4 5Z

**SEE PAGE 57 FOR TIRE
AND RIM OPTIONS**

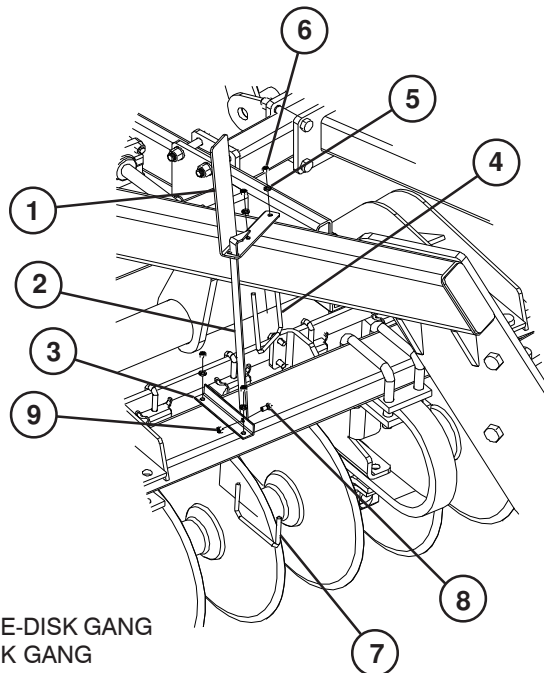
**SEE PAGE 53 FOR HUB &
SPINDLE ASSEMBLY**

MAIN FRAME DEPTH GAUGE



ITEM	PART NO.	DESCRIPTION
1	238406	PLATE-DEPTH GAUGE
2	69309	DEPTH INDICATOR ARM
3	69314	4-1/2 EXHAUST CLAMP
4	88566	BLT HEX 3/8-16NCX3/4 5Z
5	88162	NUT 2POSLK 3/8-16NC 5P
6	89280	BLT-U 3/8-16NCX5X3 Z
7	88362	WSHR HLK 3/8ID Z
8	88103	NUT HEX 3/8-16NC 5Z
9	69310	ANGLE

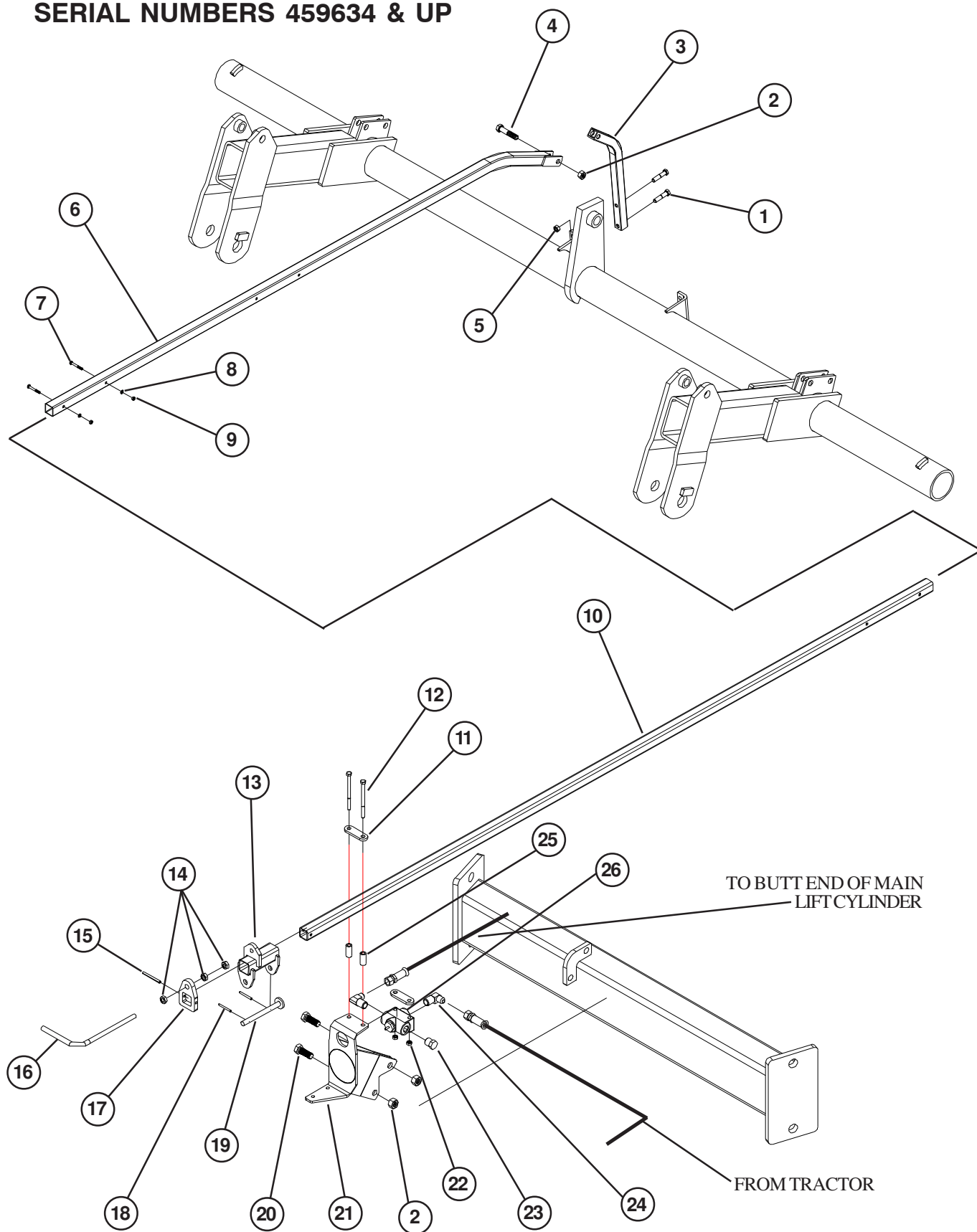
DISC GANG DEPTH GAUGE



ITEM	PART NO.	DESCRIPTION
1	237879	PLATE-DEPTH GAUGE-DISK GANG
2	242206	INDICATOR ARM-DISK GANG
3	237878	ANGLE DEPTH GAUGE
4	89040	BLT-U 3/8-16NCX4X7 Z
5	88362	WSHR HLK 3/8ID Z
6	88103	NUT HEX 3/8-16NC 5Z
7	89358	BLT-U 3/8-16NCX6X3-3/4 Z
8	88566	BLT HEX 3/8-16NCX3/4 5Z
9	88162	NUT 2POSLK 3/8-16NC 5P

SINGLE POINT DEPTH CONTROL

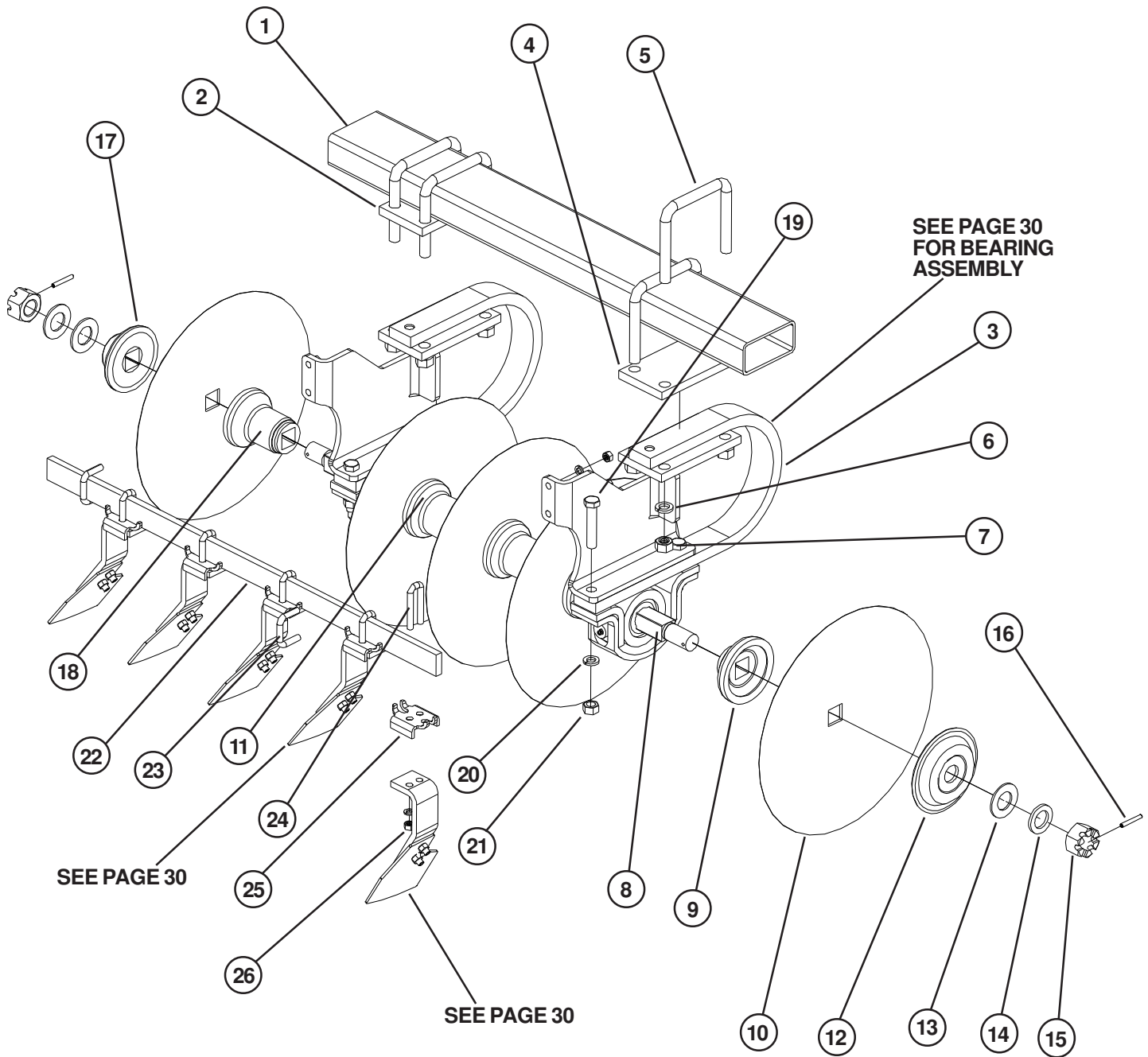
SERIAL NUMBERS 459634 & UP



SINGLE POINT DEPTH CONTROL

ITEM	PART NO.	DESCRIPTION
1	88825	BLT HEX 1/2NCX2 -1/4 5Z
2	88369	NUT 2POSLK 5/8 -11NC 5Z
3	238652	SINGLE POINT TUBE -SHORT
4	88408	BLT 5/8-11NCX3 5Z
5	88363	NUT 2POSLK 1/2-13NC 5Z
6	241487	BENT TUBE WLED - SINGLE POINT
7	89058	BLT HEX 1/4NCX2 5Z
8	88262	WSHR HLK 1/4ID(5/16ACT) Z
9	88172	NUT HEX 1/4-20NC 5Z
10	241488	INNER TUBE - SINGLE POINT
11	238636	VALVE SPACER (ZINC)
12	88812	BLT HEX 5/16-18NCX4-1/2 2Z
13	222111	SLIDE ADJSUT
14	88561	NUT JAM 1/2-13NC 5Z
15	88767	PIN ROL 1/4DIAX2-1/2 Z
16	222182	ADJUST CRANK
17	222107	ADJUST EAR
18	89708	PIN ROLL 3/16X1-3/4 Z
19	222180	SPRING PIN (ZINC)
20	88838	BLT HEX 5/8-11NCX1-3/4 5Z
21	238638	SINGLE POINT BRACKET
22	88540	NUT 2POSLK 5/16-18NC 5P
23	352529	8MORB HEX HEAD PLUG
24	25580	ELB 8MORB X 8MJ
25	238637	SPACER TUBE (ZINC)
26	247429	DCV VALVE (8ORB)
	55836	DCV VALVE REPAIR CARTRIDGE

DISC GANG ASSEMBLY



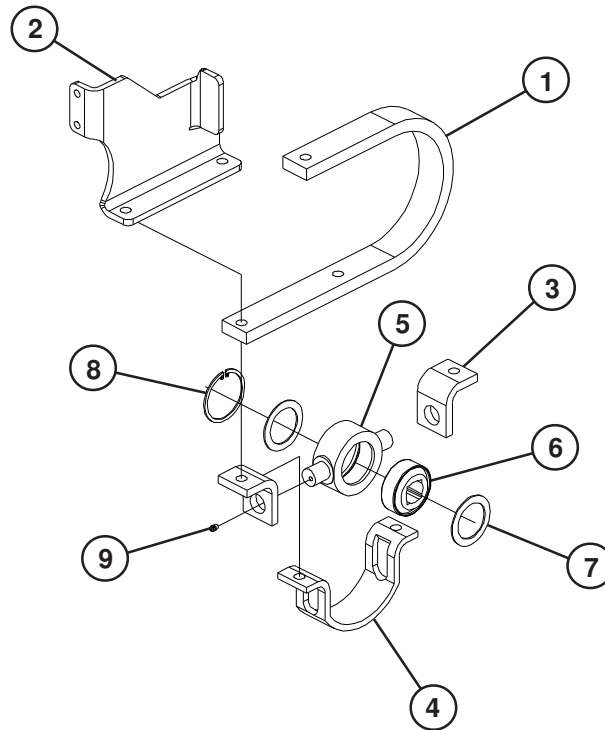
DISC GANG ASSEMBLY

238488 (5) BLADE LH WING DISC GANG ASSEMBLY (SHOWN)
238489 (5) BLADE RH WING DISC GANG ASSEMBLY

ITEM PART NO. DESCRIPTION

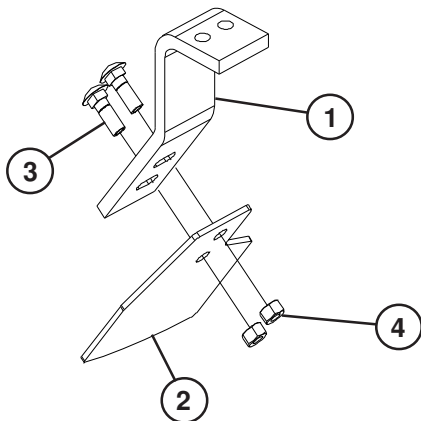
1	238490	GANG BEAM-48" 5&7 BLADE GANG ASSEMBLY	
	237829	GANG BEAM-59.50" 8 BLADE GANG ASSEMBLY	
	237538	GANG BEAM-72" 9, 10, &11 BLADE GANG ASSEMBLY	
	237621	GANG BEAM-99" 13 BLADE GANG ASSEMBLY	
	238451	GANG BEAM-112" 15 BLADE GANG ASSEMBLY	
2	24026	SPRING SHANK PLATE	
3	237382	STANDARD BEARING ASSEMBLY LH (SHOWN)	
	237398	STANDARD BEARING ASSEMBLY RH	
4	24123	SPRING SHANK PLATE	
5	25693	BLT-U 7/8-9NCX6X6-1/4	
6	88341	WSHR HLK 7/8ID(15/16ACT)Z	
7	88371	NUT HEX 7/8-9NC 5Z	
8	25718	1.5 SQ GANG SHAFT 44.08" 5 BLADE GANG ASSEMBLY	
	25719	1.5 SQ GANG SHAFT 53.33" 6 BLADE GANG ASSEMBLY	
	25720	1.5 SQ GANG SHAFT 62.58" 7 BLADE GANG ASSEMBLY	
	25721	1.5 SQ GANG SHAFT 71.83" 8 BLADE GANG ASSEMBLY	6+7=13 BLADE GANG ASSEMBLY
	25722	1.5 SQ GANG SHAFT 81.08" 9 BLADE GANG ASSEMBLY	7+8=15 BLADE GANG ASSEMBLY
	25724	1.5 SQ GANG SHAFT 90.33" 10 BLADE GANG ASSEMBLY	
	25726	1.5 SQ GANG SHAFT 99.69" 11 BLADE GANG ASSEMBLY	
9	25694	CSTG BGR SHORT 1.50 S 2.2 PT	
10	237379	20IN DIA DISK BLADE-LOW CONCAVITY	
11	24447	9IN GANG SPOOL CASTING SQ HOLE	
12	41065	7" DIA SPRING WASHER	
13	88610	WSHR FLAT 1-1/2SAE(1-9/16X3)Z	
14	41066	1-1/2" GANG WASHER	
15	88614	NUT HVY HEX SLTD. 1-1/2"-6ZP	
16	88605	PIN ROLL 5/16DIAx2-1/4Z	
17	25710	BRNG END CAP 1.5625-2.25 WD	
18	25695	SCTG BRG LONG 1.50 S 5.0 PT	
19	88272	BLT HEX 3/4-10NCX4 5Z	
20	88130	WSHR HLK 3/4ID(13/16ACT)Z	
21	88110	NUT HEX 3/4-10NC 5Z	
22	24507	45" SCRAPER BAR 5 BLADE GANG ASSEMBLY	
	24461	54" SCRAPER BAR 6 BLADE GANG ASSEMBLY	
	24686	60" SCRAPER BAR 7 BLADE GANG ASSEMBLY	
	24631	66.50" SCRAPER BAR 8 BLADE GANG ASSEMBLY	6+7=13 BLADE GANG ASSEMBLY
	49229	82.50" SCRAPER BAR 9 BLADE GANG ASSEMBLY	7+8=15 BLADE GANG ASSEMBLY
	24223	90" SCRAPER BAR 10 BLADE GANG ASSEMBLY	
	24115	96" SCRAPER BAR 11 BLADE GANG ASSEMBLY	
23	24217	BLT-U 1/2-13NCX2-1/8X1-7/8	
24	24329	BLT-U 1/2-13NCX11/16X3-1/2	
25	27950	CLIP SCRAPER ARM (BLACK)	
26	88621	NUT NLK 1/2-13NC 5Z	

BEARING ASSEMBLY



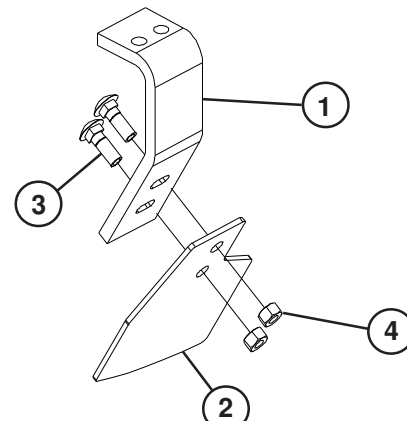
ITEM	PART NO.	DESCRIPTION
1	24354	SPRING SHANK
2	237394	SCRAPER MOUNT-LH (SHOWN)
	237397	SCRAPER MOUNT-RH
3	24487	BEARING CLAMP CLIP
4	24486	BEARING CLAMP
5	24155	BEARING CASTING
6	242594	BEARING 1-1/2SQX3.938OD
7	24008	BEARING WASHER
8	24210	BEARING RETAINING RING
9	88263	FTG GRS 1/8NPT 1610-BL(11/16")
	24306	BEARING ASSY (INCLUDES ITEMS 5 THROUGH 9)

DISC SCRAPER ASSEMBLY



SCRAPER BLADE ASSY LH (SHOWN)
SCRAPER BLADE ASSY RH

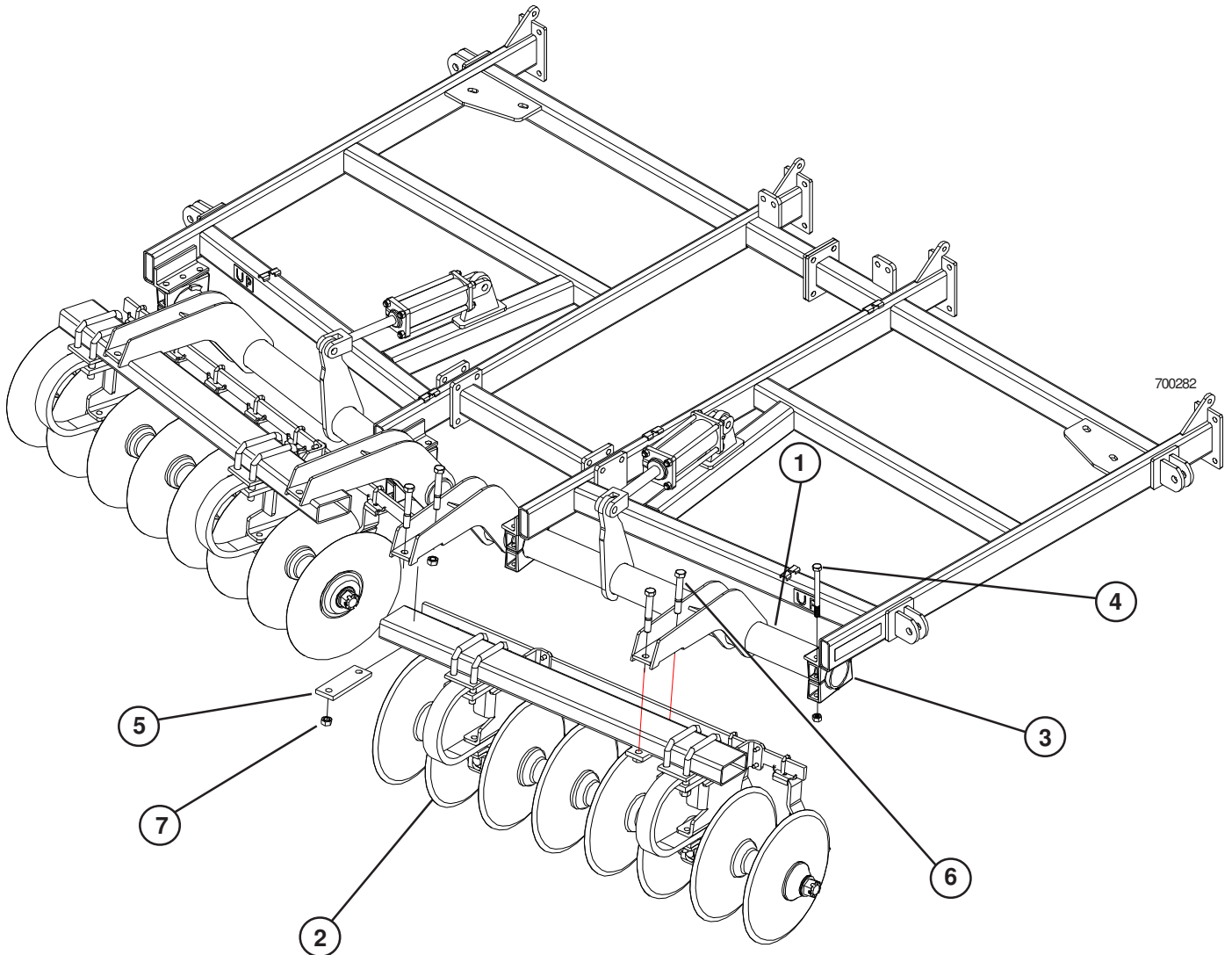
ITEM	PART NO.	DESCRIPTION
1	24247	SCRAPER ARM
2	237384	SCRAPER BLADE-20IN LOW CON
3	88873	BLT CRG 1/2-13NCX1-1/2 5Z
4	88621	NUT NLK 1/2-13NC 5Z



SCRAPER BLADE ASSY LH OFFSET (SHOWN)
SCRAPER BLADE ASSY RH OFFSET

ITEM	PART NO.	DESCRIPTION
1	25716	SCRAPER ARM
2	237384	SCRAPER BLADE-20IN LOW CON
3	88873	BLT CRG 1/2-13NCX1-1/2 5Z
4	88621	NUT NLK 1/2-13NC 5Z

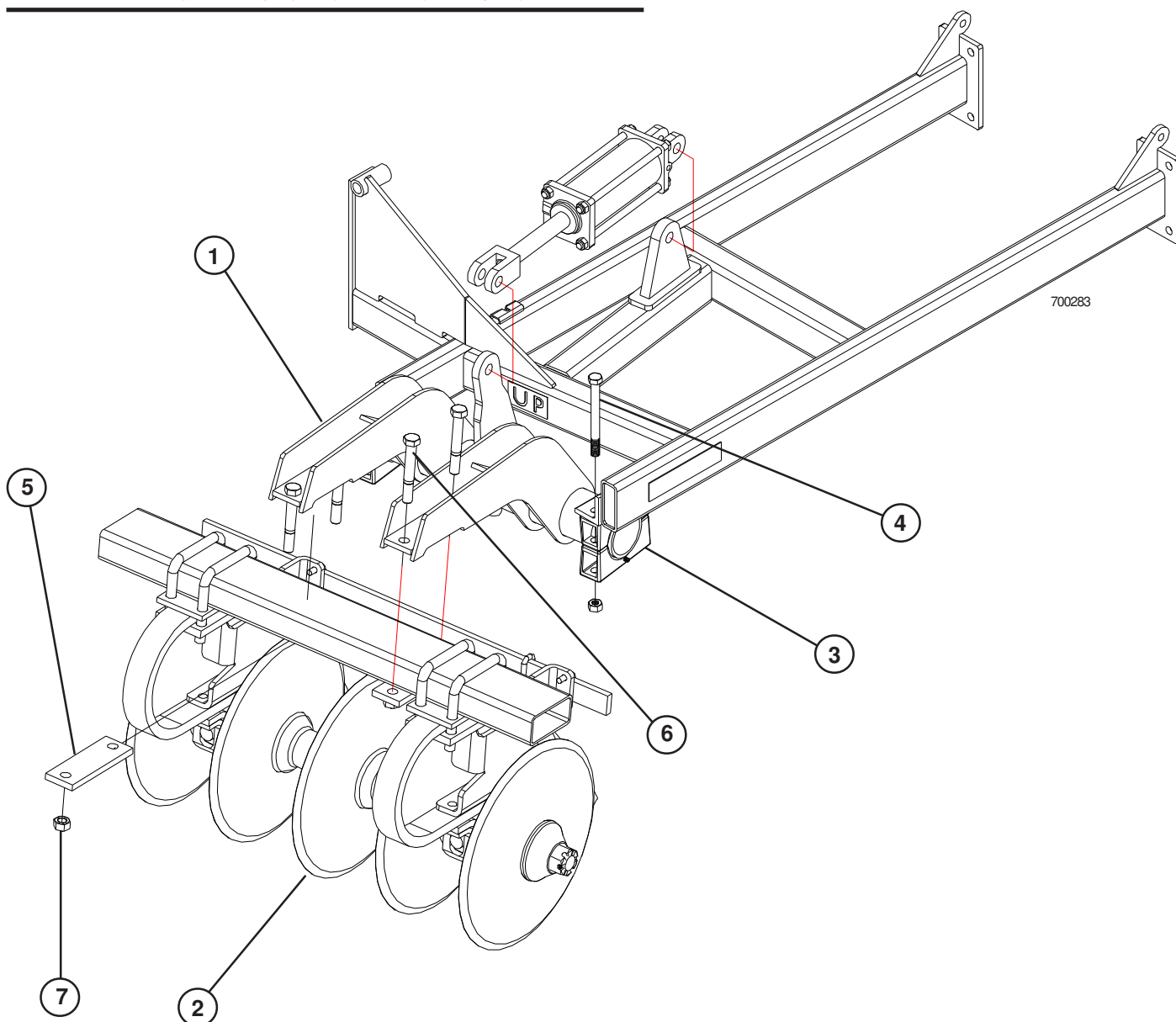
11&14FT MAIN FRAME DISC GANG



ITEM PART NO. DESCRIPTION

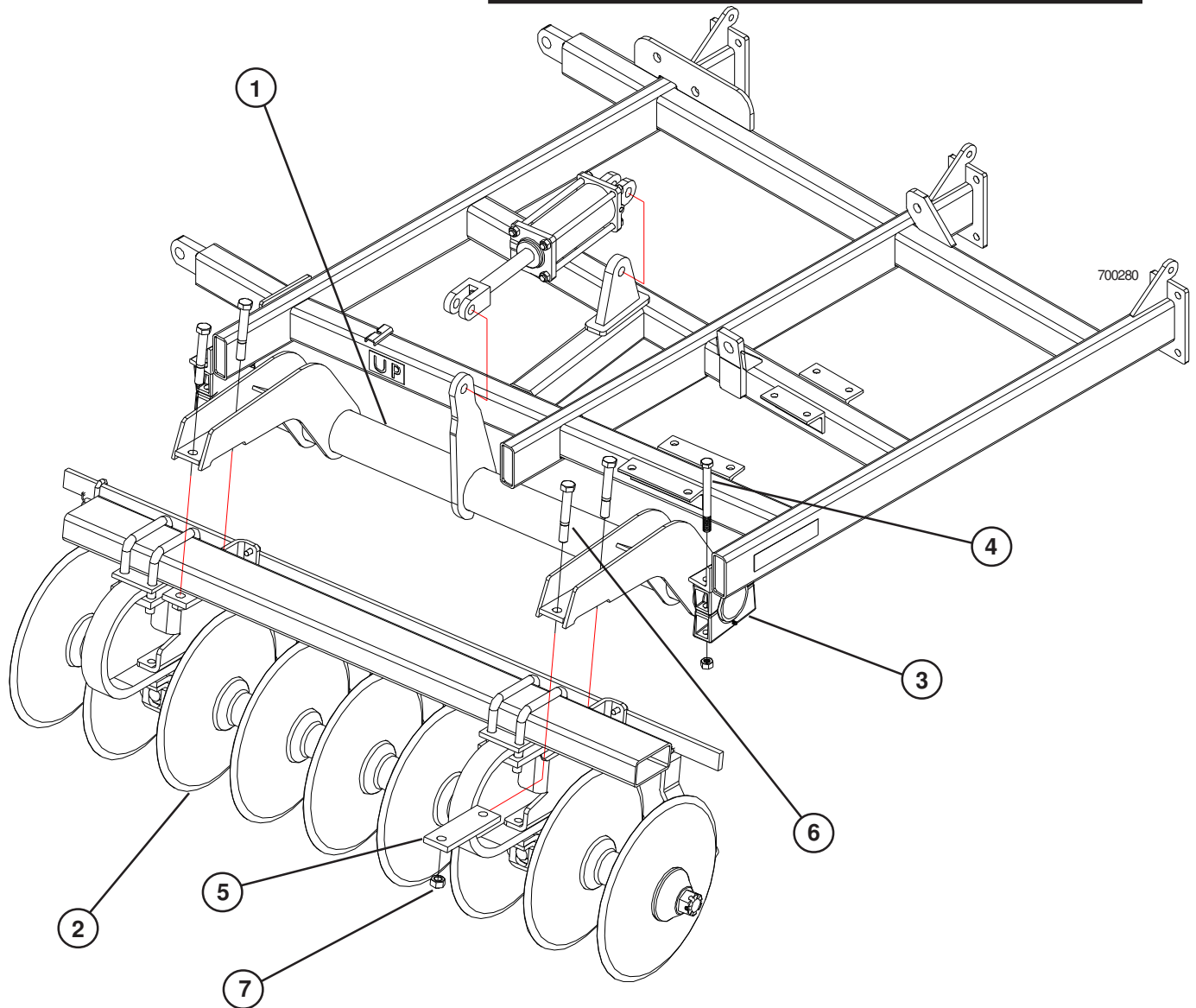
1	237390	DISC AXLE-LH 11FT MAIN FRAME (SHOWN)
	237392	DISC AXLE-RH 11FT MAIN FRAME (SHOWN)
	237535	DISC AXLE-LH 14FT MAIN FRAME
	237826	DISC AXLE-RH 14FT MAIN FRAME
2	237380	8 BLADE LH MF DISC GANG ASSY (SHOWN)
	237393	8 BLADE RH MF DISC GANG ASSY (SHOWN)
	237827	10 BLADE LH MF DISC GANG ASSY
	237828	10 BLADE RH MF DISC GANG ASSY
3	34132	AXLE CLAMP ASSEMBLY
4	88403	BLT HEX 3/4-10NCX8 5Z
5	238404	PLATE-GANG BEAM MOUNT
6	89021	BLT HEX 7/8NCX6 5Z
7	88836	NUT 2POSLK 7/8-9NC 5Z

4FT WING DISC GANG 19 & 22FT



ITEM	PART NO.	DESCRIPTION
1	239409	DISC AXLE 4FT WING (19FT MODEL) (SHOWN)
	239424	DISC AXLE-LH 4FT WING (22FT MODEL)
	239425	DISC AXLE-RH 4FT WING (22FT MODEL)
2	238488	5 BLADE LH WING DISC GANG ASSY (SHOWN)
	238489	5 BLADE RH WING DISC GANG ASSY
	239422	7 BLADE LH WING DISC GANG ASSY
	239423	7 BLADE RH WING DISC GANG ASSY
3	34132	AXLE CLAMP ASSEMBLY
4	88403	BLT HEX 3/4-10NCX8 5Z
5	238404	PLATE-GANG BEAM MOUNT
6	89021	BLT HEX 7/8NCX6 5Z
7	88836	NUT 2POSLK 7/8-9NC 5Z

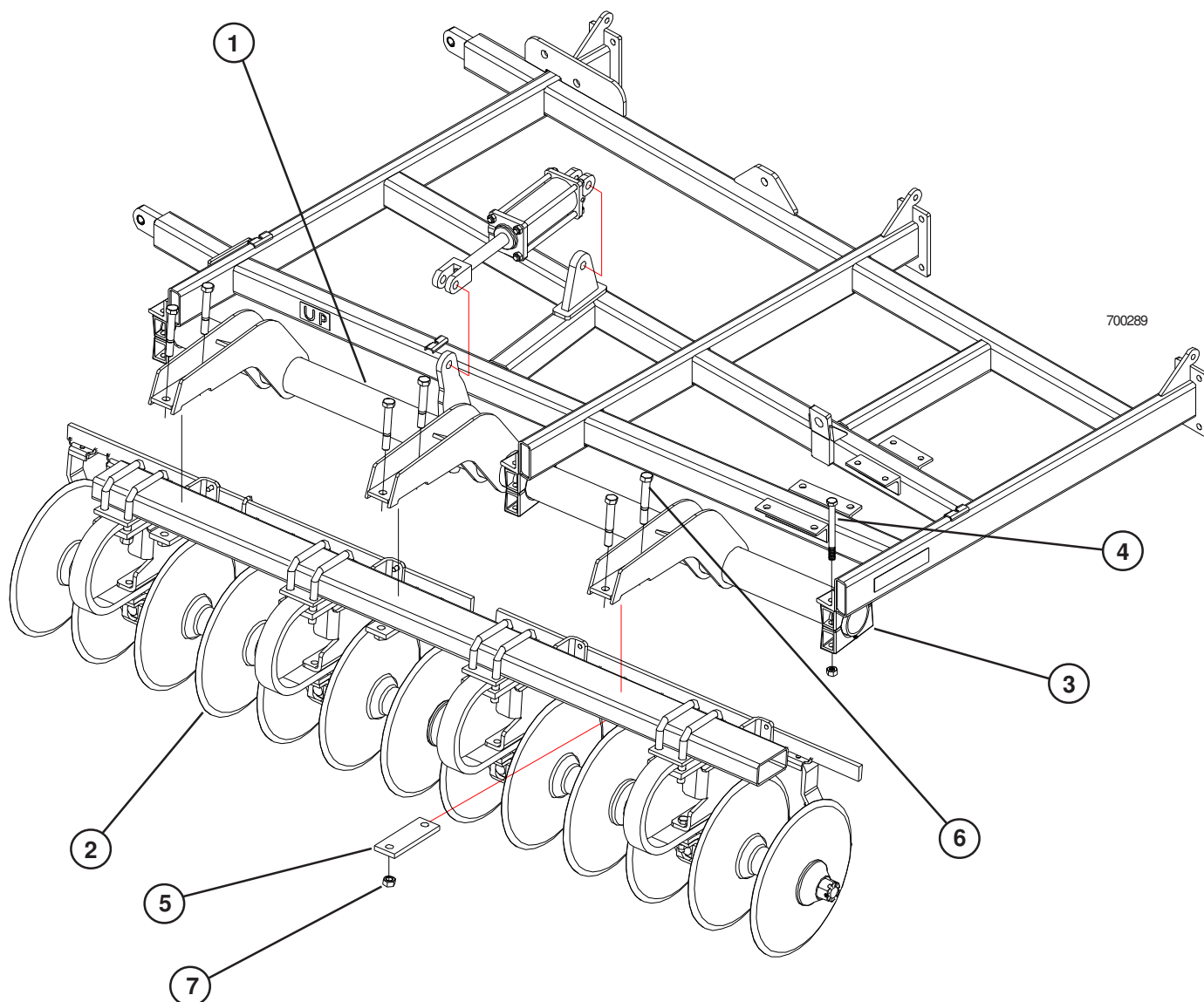
7FT WING DISC GANG 25 & 28FT



ITEM PART NO. DESCRIPTION

1	238480	DISC AXLE-LH 7FT WING (25&28FT MODEL)(SHOWN)
	238484	DISC AXLE-RH 7FT WING (25&28FT MODEL)
2	238481	9 BLADE LH WING DISC GANG ASSY (SHOWN)
	238485	9 BLADE RH WING DISC GANG ASSY
	238486	11 BLADE LH WING DISC GANG ASSY
	238487	11 BLADE RH WING DISC GANG ASSY
3	34132	AXLE CLAMP ASSEMBLY
4	88403	BLT HEX 3/4-10NCX8 5Z
5	238404	PLATE-GANG BEAM MOUNT
6	89021	BLT HEX 7/8NCX6 5Z
7	88836	NUT 2POSLK 7/8-9NC 5Z

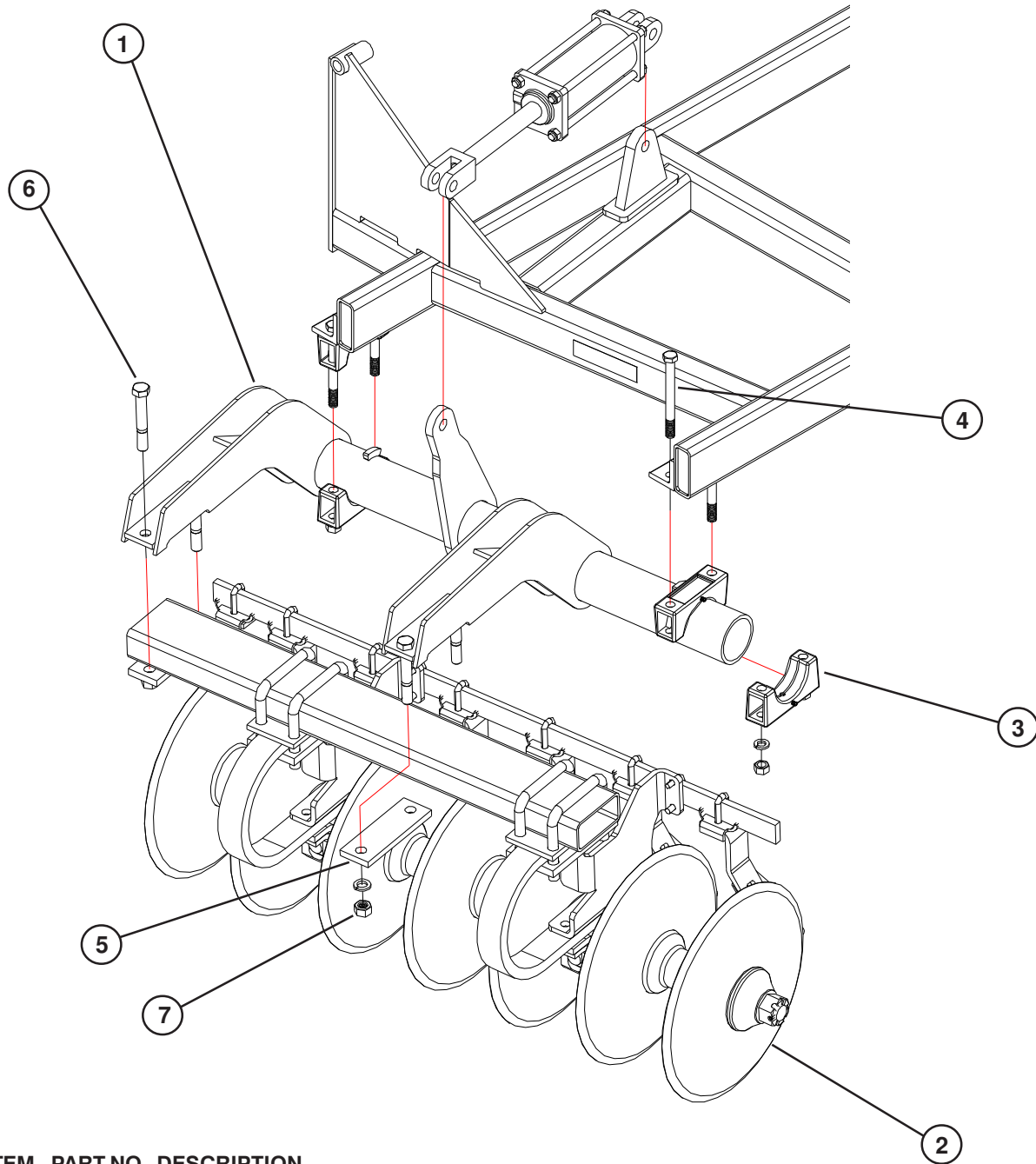
10FT WING DISC GANG 31, 34, 37, 42 & 45FT



ITEM PART NO. DESCRIPTION

1	237616	DISC AXLE-LH 10FT WING (31, 34, 37, 42, &45FT MODEL)(SHOWN)
	237818	DISC AXLE-RH 10FT WING (31, 34, 37, 42 &45FT MODEL)
2	237620	13 BLADE LH WING DISC GANG ASSY (SHOWN)
	237832	13 BLADE RH WING DISC GANG ASSY
	238450	15 BLADE LH WING DISC GANG ASSY
	238452	15 BLADE RH WING DISC GANG ASSY
3	34132	AXLE CLAMP ASSEMBLY
4	88403	BLT HEX 3/4-10NCX8 5Z
5	238404	PLATE-GANG BEAM MOUNT
6	89021	BLT HEX 7/8NCX6 5Z
7	88836	NUT 2POSLK 7/8-9NC 5Z

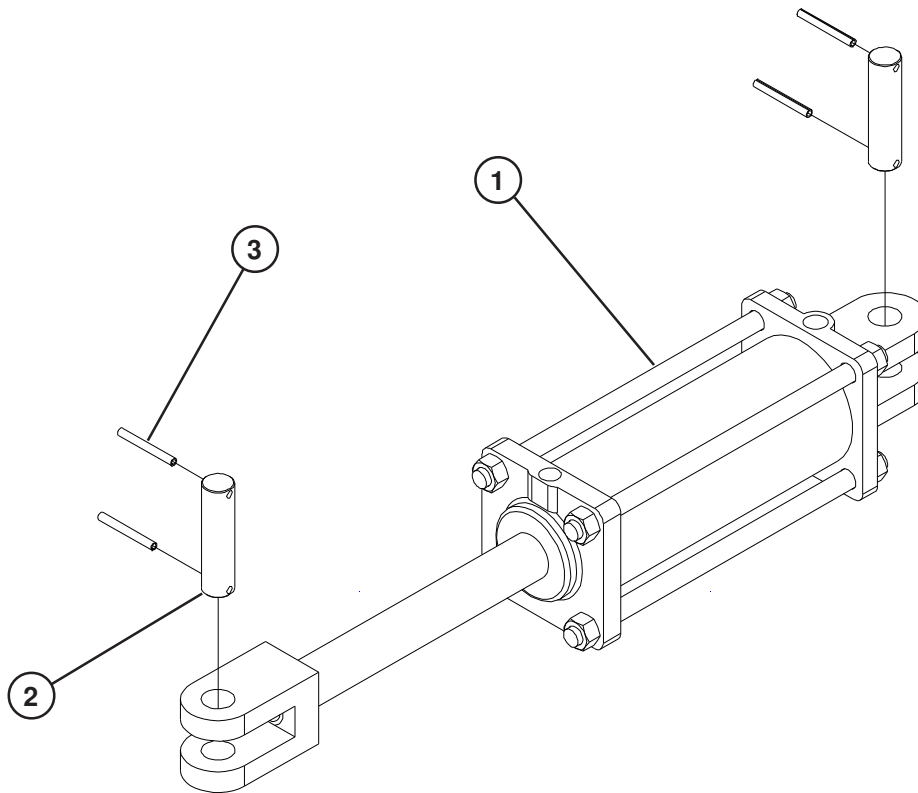
DISC GANG 4FT OUTER WING 42 & 45FT



ITEM PART NO. DESCRIPTION

1	246416	DISC AXLE-LH 4FT OUTER WING (42, &45FT MODEL)(SHOWN)
	246415	DISC AXLE-RH 4FT OUTER WING (42 &45FT MODEL)
2	239422	7 BLADE LH WING DISC GANG ASSY (SHOWN)
	239423	7 BLADE RH WING DISC GANG ASSY
	238488	5 BLADE LH WING DISC GANG ASSY
	238489	5 BLADE RH WING DISC GANG ASSY
3	34132	AXLE CLAMP ASSEMBLY
4	88403	BLT HEX 3/4-10NCX8 5Z
5	238404	PLATE-GANG BEAM MOUNT
6	89021	BLT HEX 7/8NCX6 5Z
7	88836	NUT 2POSLK 7/8-9NC 5Z

SEQUENCE HYDRAULIC CYLINDERS DISC LIFT



ITEM PART NO. DESCRIPTION

1	25643	HYD CYL 4x8 SEQ W/PINS
	25649	HYD CYL 3-3/4x8 SEQ W/PINS
	25654	HDY CYL 3-1/2x8 SEQ W/PINS
	25659	HYD CYL 3-1/4x8 SEQ W/PINS
	246456	HDY CYL 3x8 SEQ W/PINS
	246455	HYD CYL 2-3/4x8 SEQ W/PINS

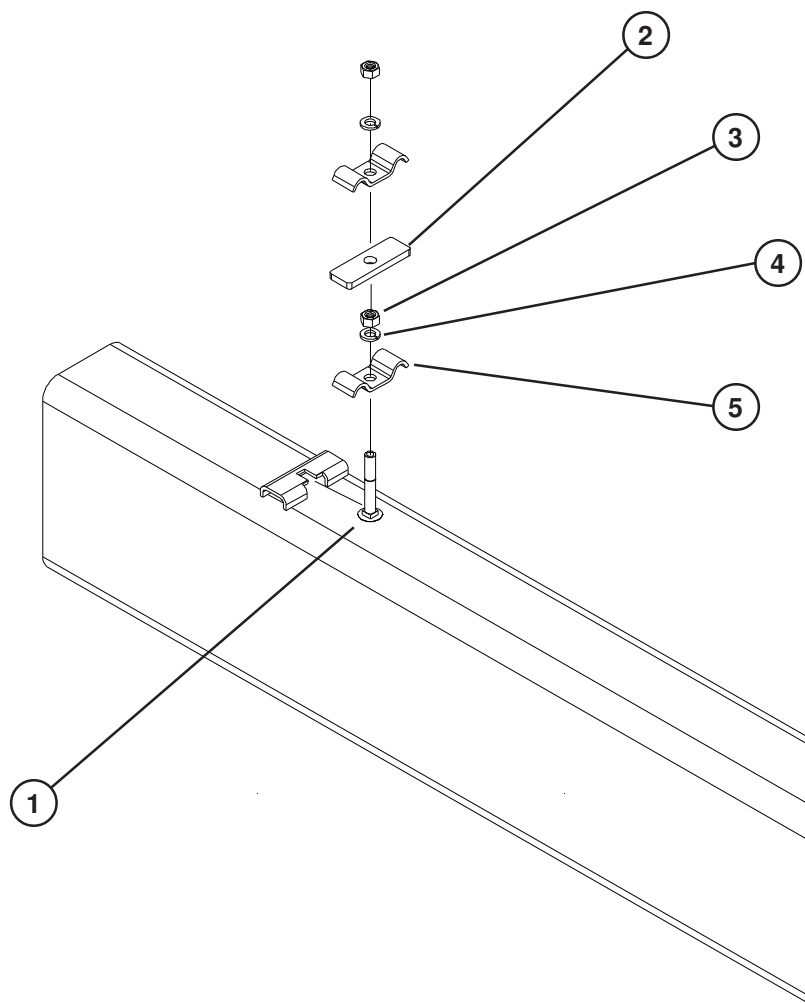
2 68796 HEADLESS PIN 1x2-27/32

3 42484 1/4"x2-1/4" ROLL PIN

SEAL KITS

40064	4x8 SEQ SEAL KIT
40817	3-3/4x8 SEQ SEAL KIT
40060	3-1/2x8 SEQ SEAL KIT
40806	3-1/4x8 SEQ SEAL KIT
356805	3x8 SEQ SEAL KIT
356806	2-3/4x8 SEQ SEAL KIT

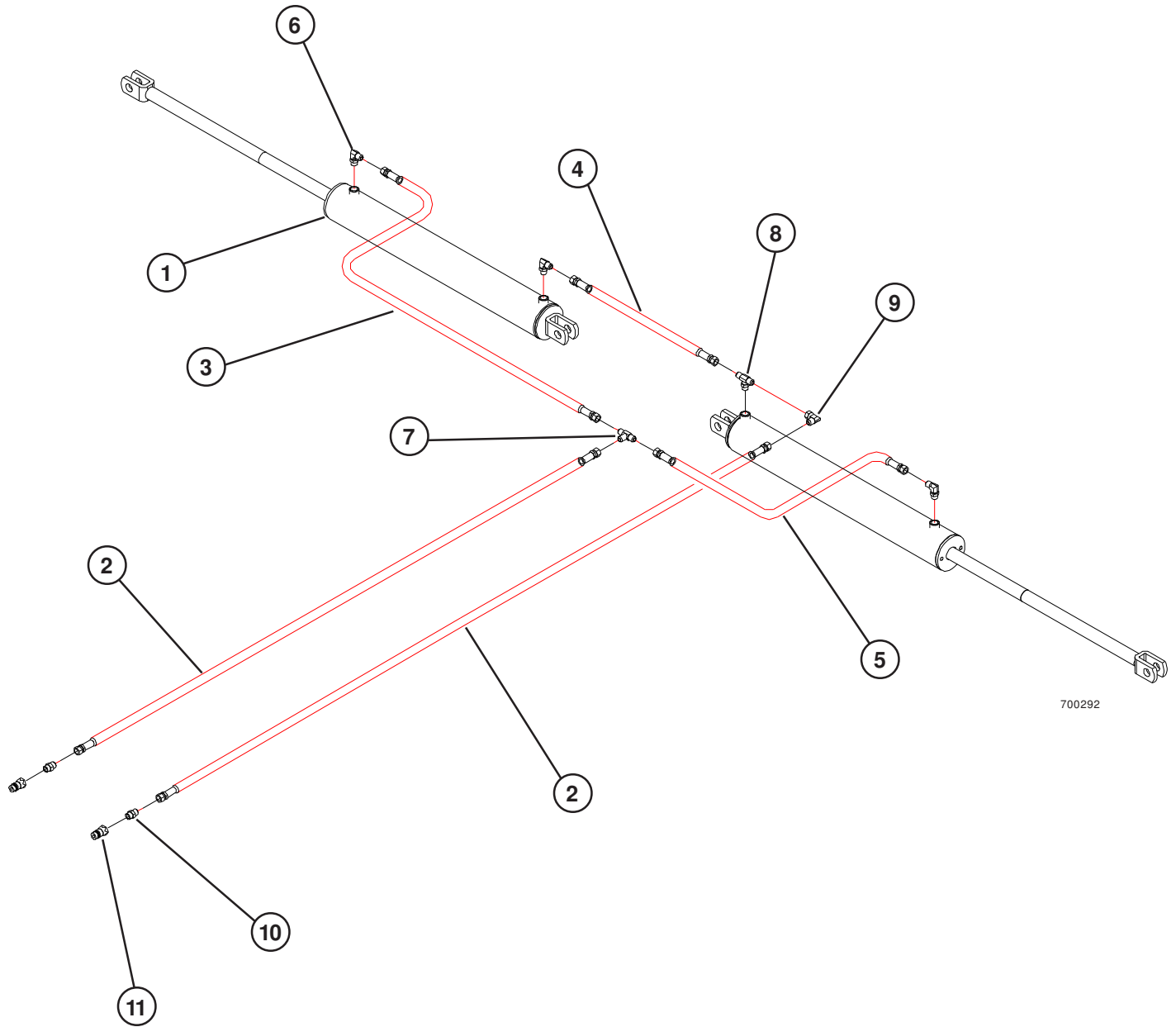
HOSE CLAMP ASSEMBLY



ITEM	PART NO.	DESCRIPTION
1	89375	3/8x1-1/2 CRG BLT (SINGLE STACK)
	89473	3/8x2-1/2 CRG BLT (DOUBLE STACK)
	89475	3/8x3-1/2 CRG BLT (TRIPLE STACK)
2	15543	BASE PLATE
3	88103	3/8 NUT
4	88362	3/8 LK WASHER
5	13215	TUBE CLAMP

700737

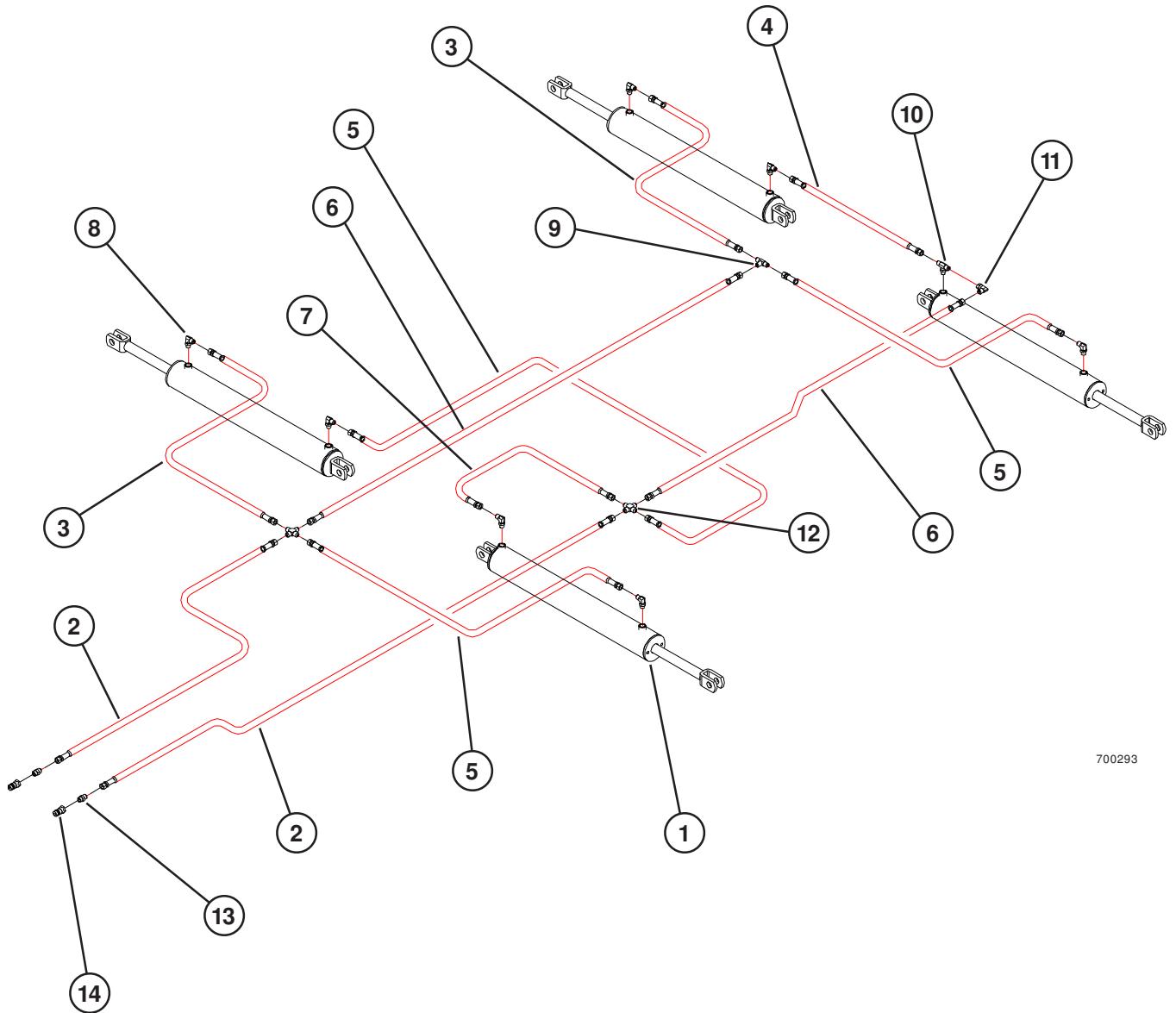
WING FOLD HYDRAULICS 19 & 22FT



700292

ITEM	PART NO.	DESCRIPTION
1	51229F	CYL, HYD 4X30 FGS #A519CY02
2	237913	HSE 3KPSI 3/8X460 8FJX-8FJX
3	25602	HSE 3KPSI 3/8X65 8FJX-8FJX
4	14851	HSE 3KPSI 3/8X42 8FJX-8FJX
5	14644	HSE 3KPSI 3/8X36 8FJX-8FJX
6	25580	ELB 8MORB X 8MJ
7	13238	TEE 8MJ X 8MJ X 8MJ
8	56534	TEE 8MJ X 8MJ X 8MORB
9	25591	ELB 8MJ X 8FJX
10	24024	ADP 8MORB X 8MJ
11	247425	QUICK DISCONNECT COUPLER 8FORB

25', 28' & 31' WING FOLD HYDRAULICS

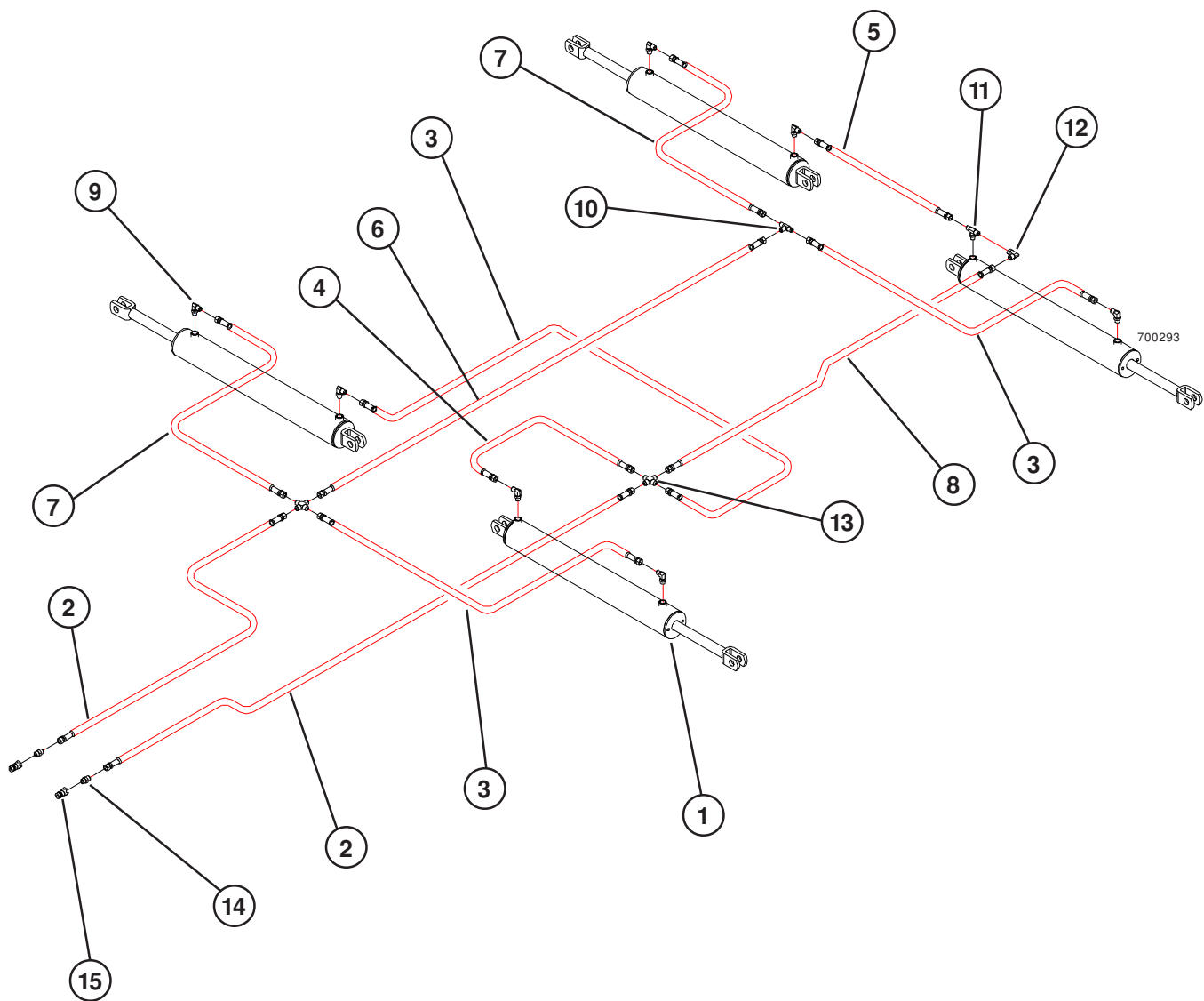


700293

ITEM PART NO. DESCRIPTION

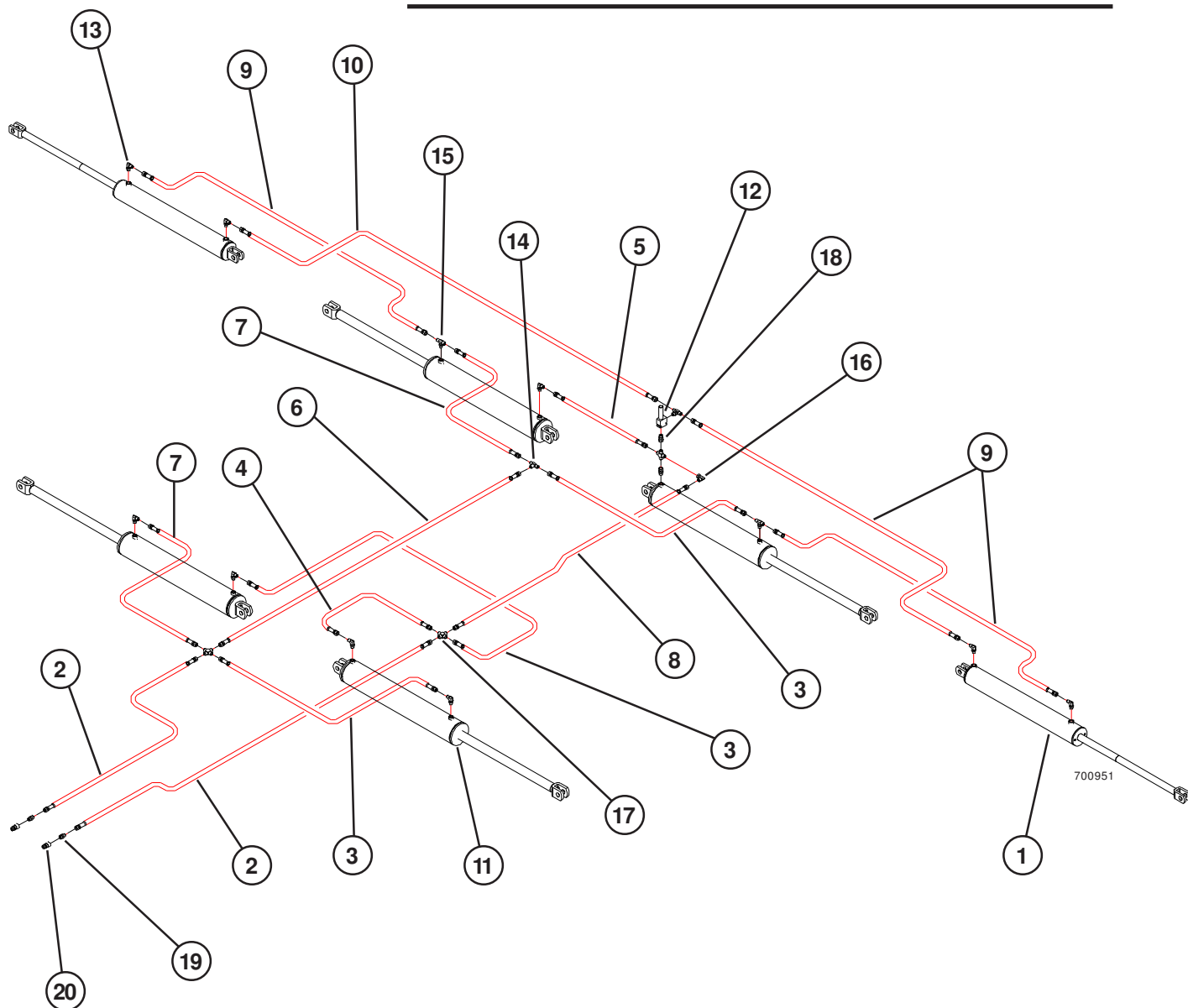
1	51229F	CYL, HYD 4X30 FGS #A519CY02
2	240611	HSE 3KPSI 3/8X360 8FJX-8FJX
3	25602	HSE 3KPSI 3/8X65 8FJX-8FJX
4	14851	HSE 3KPSI 3/8X42 8FJX-8FJX
5	14644	HSE 3KPSI 3/8X36 8FJX-8FJX
6	235388	HSE 3KPSI 3/8X102 8FJX-8FJX
7	14850	HSE 3KPSI 3/8X18 8FJX-8FJX
8	25580	ELB 8MORB X 8MJ
9	13238	TEE 8MJ X 8MJ X 8MJ
10	56534	TEE 8MJ X 8MJ X 8MORB
11	25591	ELB 8MJ X 8FJX
12	15910	CROSS 8MJ X 8MJ X 8MJ X 8MJ
13	24024	ADP 8MORB X 8MJ
14	247425	QUICK DISCONNECT COUPLER 8FORB

WING FOLD HYDRAULICS 34 & 37FT



ITEM	PART NO.	DESCRIPTION
1	51229F	CYL, HYD 4X30 FGS #A519CY02
2	240611	HSE 3KPSI 3/8X360 8FJX-8FJX
3	15515	HSE 3KPSI 3/8X62 8FJX-8FJX
4	13261	HSE 3KPSI 3/8X30 8FJX-8FJX
5	25603	HSE 3KPSI 3/8X75 8FJX-8FJX
6	235388	HSE 3KPSI 3/8X102 8FJX-8FJX
7	25604	HSE 3KPSI 3/8X83 8FJX-8FJX
8	13483	HSE 3KPSI 3/8X120 8FJX-8FJX
9	25580	ELB 8MORB X 8MJ
10	13238	TEE 8MJ X 8MJ X 8MJ
11	56534	TEE 8MJ X 8MJ X 8MORB
12	25591	ELB 8MJ X 8FJX
13	15910	CROSS 8MJ X 8MJ X 8MJ X 8MJ
14	24024	ADP 8MORB X 8MJ
15	247425	QUICK DISCONNECT COUPLER 8FORB

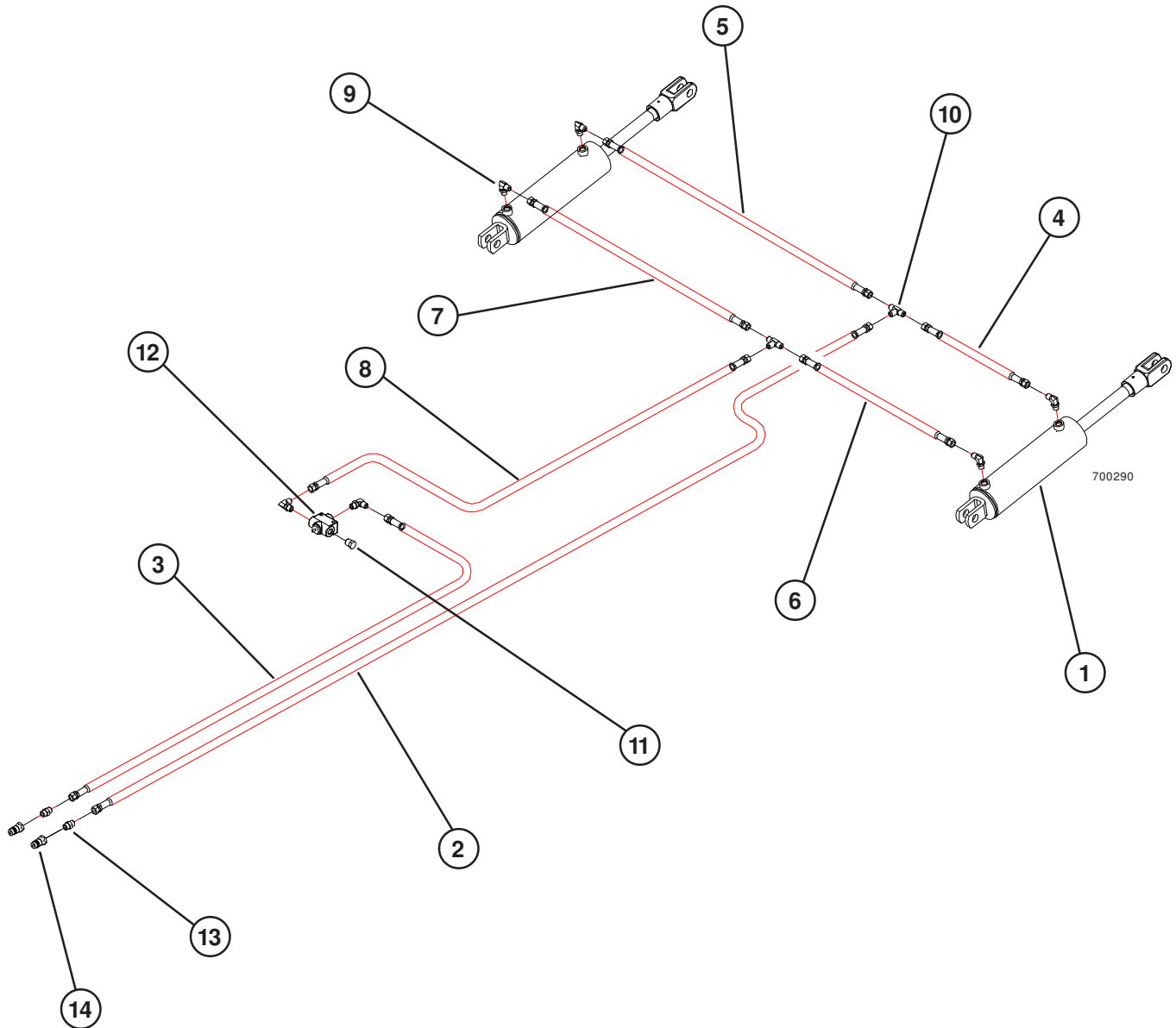
WING FOLD HYDRAULICS 42 & 45FT



ITEM PART NO. DESCRIPTION

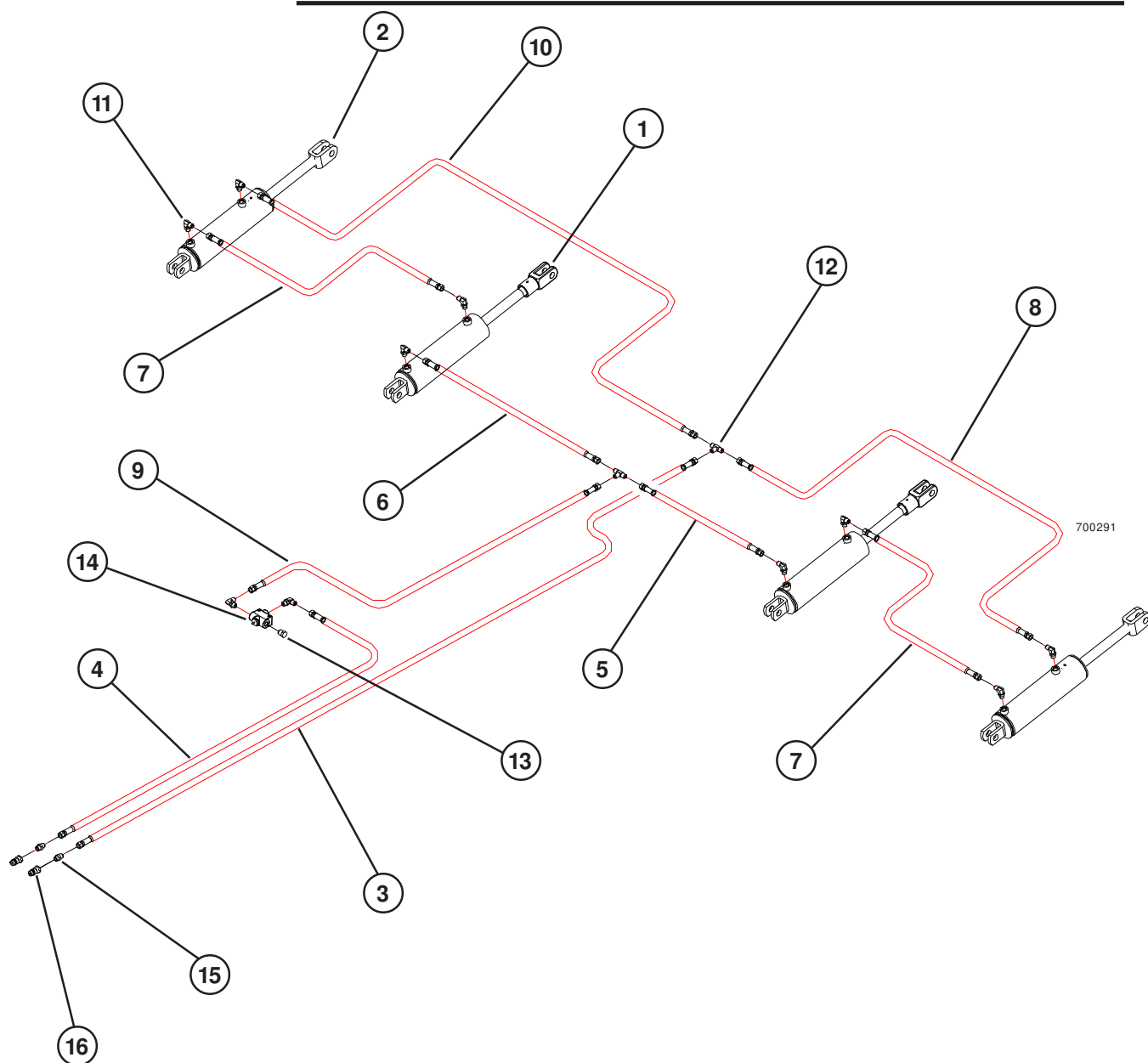
1	51229F	CYL, HYD 4X30 FGS #A519CY02
2	240611	HSE 3KPSI 3/8X360 8FJX-8FJX
3	15515	HSE 3KPSI 3/8X62 8FJX-8FJX
4	13261	HSE 3KPSI 3/8X30 8FJX-8FJX
5	25603	HSE 3KPSI 3/8X75 8FJX-8FJX
6	235388	HSE 3KPSI 3/8X102 8FJX-8FJX
7	25604	HSE 3KPSI 3/8X83 8FJX-8FJX
8	13483	HSE 3KPSI 3/8X120 8FJX-8FJX
9	67634	HSE 3KPSI 3/8X132 8FJX-8FJX
10	238204	HSE 3KPSI 3/8X210 8FJX-8FJX
11	20966F	HYD CYL 5X30 FGS #A519CY07
12	65870	SEQUENCE VALVE
13	25580	ELB 8MORB X 8MJ
14	13238	TEE 8MJ X 8MJ X 8MJ
15	56534	TEE 8MJ X 8MJ X 8MORB
16	25591	ELB 8MJ X 8FJX
17	15910	CROSS 8MJ X 8MJ X 8MJ X 8MJ
18	24004	ADP 8MORB X 8FJX
19	24024	ADP 8MORB X 8MJ
20	247425	QUICK DISCONNECT COUPLER 8FORB

DEPTH CONTROL HYDRAULICS 19 & 22FT



ITEM	PART NO.	DESCRIPTION
1	67683F1	HYD CYL 4X12.56 TBP ILP FGS #A519CY24
2	238422	HSE 3KPSI 1/2X432 8FJX-8FJX
3	237264	HSE 3KPSI 1/2X234 8FJX-8FJX
4	14851	HSE 3KPSI 3/8X42 8FJX-8FJX
5	25603	HSE 3KPSI 3/8X75 8FJX-8FJX
6	25602	HSE 3KPSI 3/8X65 8FJX-8FJX
7	56540	HSE 3KPSI 3/8X89 8FJX-8FJX
8	241494	HSE 3KPSI 1/2X276 8FJX-8FJX
9	25580	ELB 8MORB X 8MJ
10	13238	TEE 8MJ X 8MJ X 8MJ
11	352529	8MORB HEX HEAD PLUG
12	247429	DEPTH CONTROL VALVE (8ORB)
13	24024	ADP 8MORB X 8MJ
14	247425	QUICK DISCONNECT COUPLER 8FORB

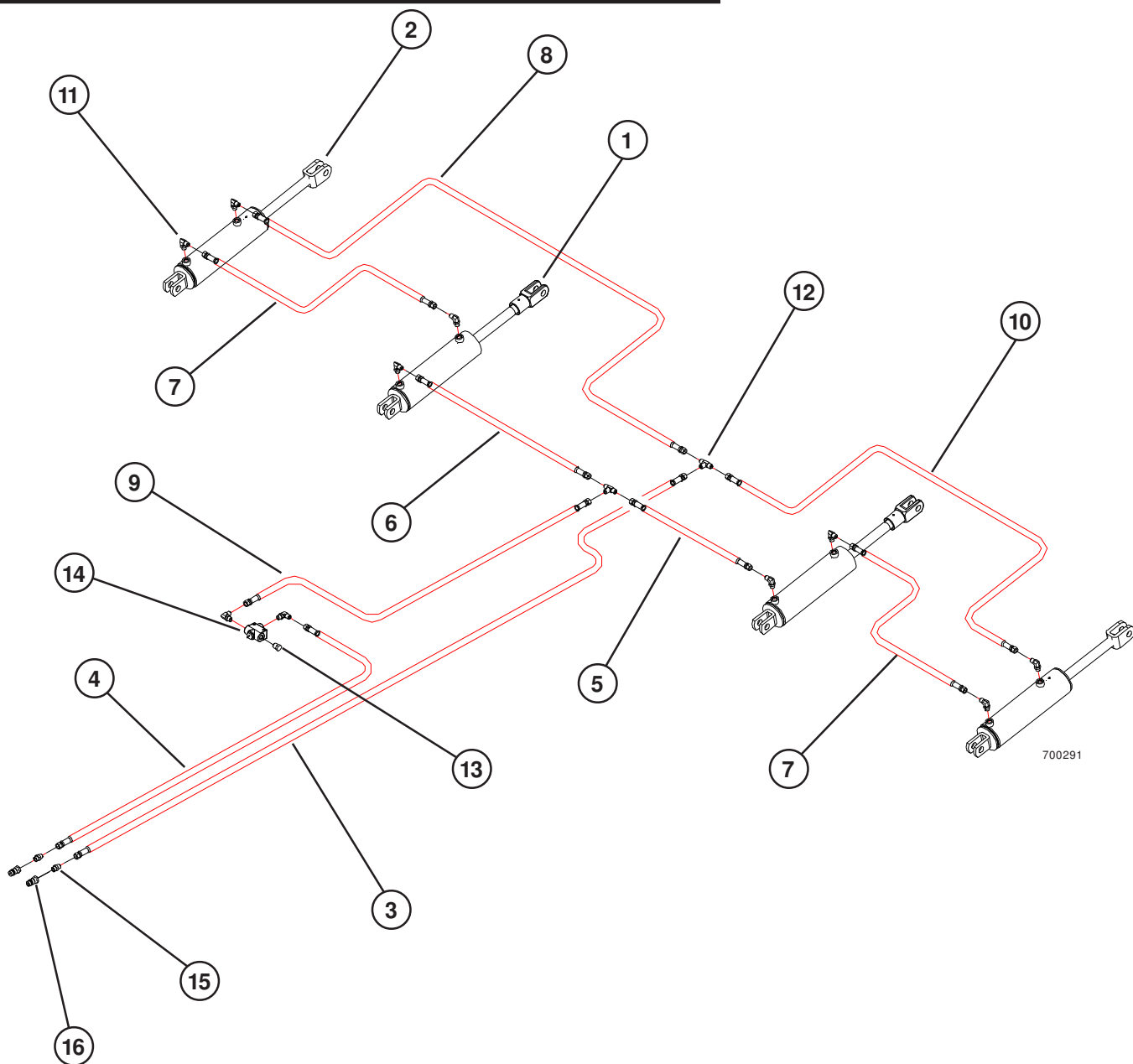
DEPTH CONTROL HYDRAULICS 25 & 28FT



ITEM PART NO. DESCRIPTION

1	67683F1	HYD CYL 4X12.56 TBP ILP FGS #A519CY2
2	67688F1	HYD CYL 4X10.8 TBP ILP FGS #A519CY25
3	238422	HSE 3KPSI 1/2X432 8FJX-8FJX
4	237264	HSE 3KPSI 1/2X234 8FJX-8FJX
5	14851	HSE 3KPSI 3/8X42 8FJX-8FJX
6	25603	HSE 3KPSI 3/8X75 8FJX-8FJX
7	67634	HSE 3KPSI 3/8X132 8FJX-8FJX
8	235386	HSE 3KPSI 3/8X137 8FJX-8FJX
9	241494	HSE 3KPSI 1/2X276 8FJX-8FJX
10	233689	HSE 3KPSI 3/8X180 8FJX-8FJX
11	25580	ELB 8MORB X 8MJ
12	13238	TEE 8MJ X 8MJ X 8MJ
13	352529	8MORB HEX HEAD PLUG
14	247429	DEPTH CONTROL VALVE (8ORB)
15	24024	ADP 8MORB X 8MJ
16	247425	QUICK DISCONNECT COUPLER 8FORB

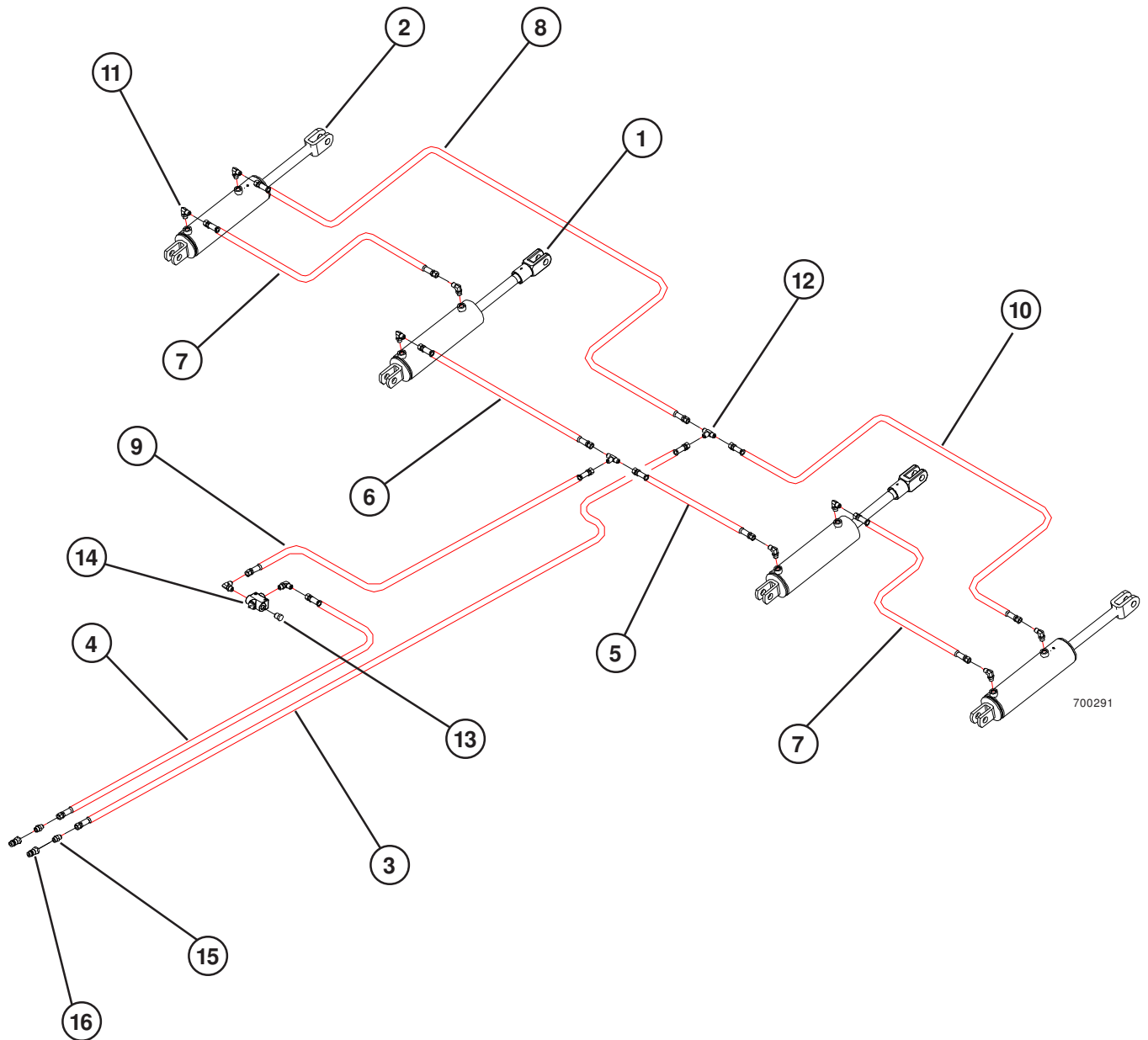
DEPTH CONTROL HYDRAULICS 31FT



ITEM PART NO. DESCRIPTION

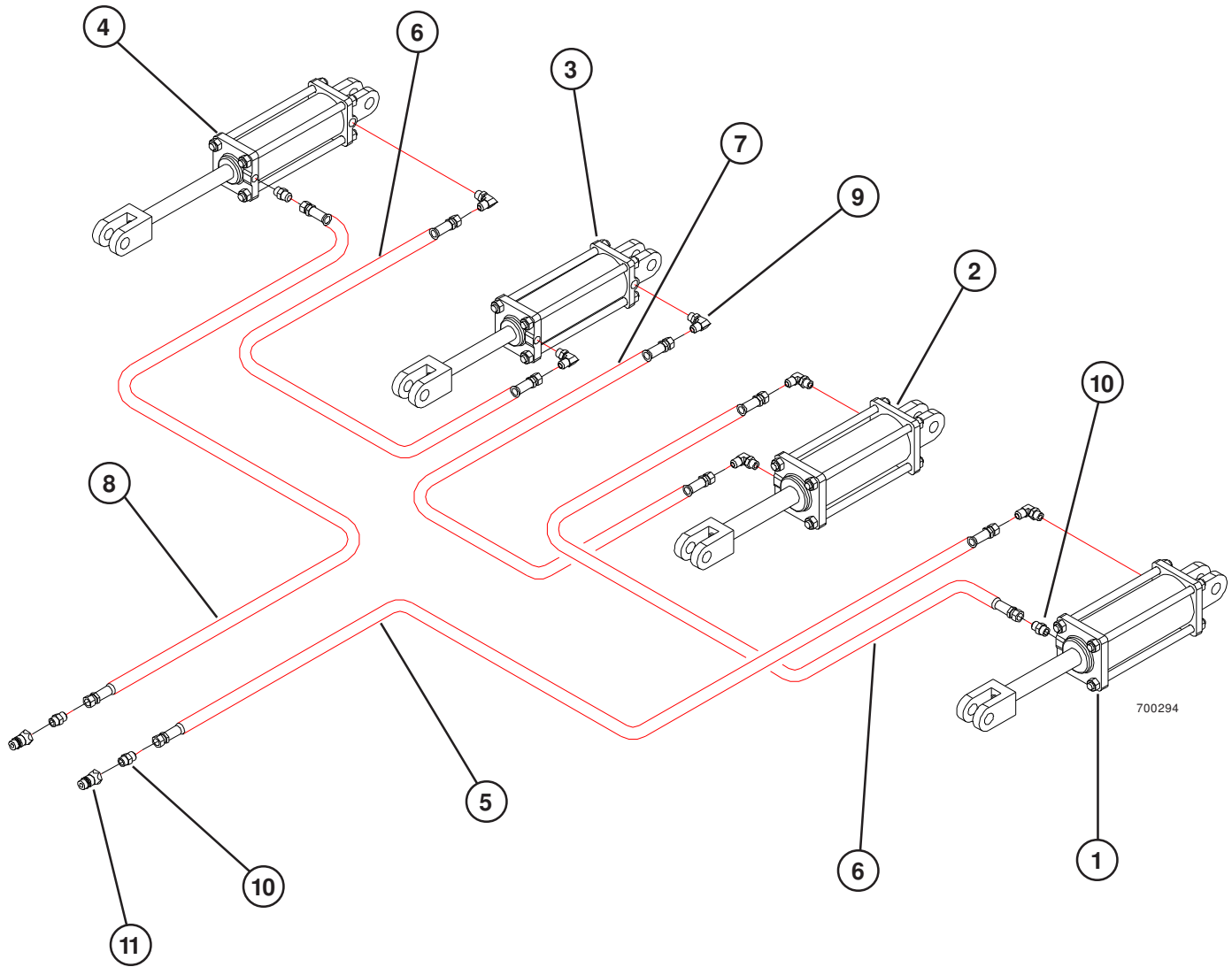
1	67683F1	HYD CYL 4X12.56 TBP ILP FGS #A519CY2
2	67688F1	HYD CYL 4X10.8 TBP ILP FGS #A519CY25
3	238422	HSE 3KPSI 1/2X432 8FJX-8FJX
4	237264	HSE 3KPSI 1/2X234 8FJX-8FJX
5	14851	HSE 3KPSI 3/8X42 8FJX-8FJX
6	25603	HSE 3KPSI 3/8X75 8FJX-8FJX
7	59909	HSE 3KPSI 3/8X168 8FJX-8FJX
8	234939	HSE 3KPSI 3/8X220 8FJX-8FJX
9	241494	HSE 3KPSI 1/2X276 8FJX-8FJX
10	233689	HSE 3KPSI 3/8X180 8FJX-8FJX
11	25580	ELB 8MORB X 8MJ
12	13238	TEE 8MJ X 8MJ X 8MJ
13	352529	8MORB HEX HEAD PLUG
14	247429	DEPTH CONTROL VALVE (8ORB)
15	24024	ADP 8MORB X 8MJ
16	247425	QUICK DISCONNECT COUPLER 8FORB

DEPTH CONTROL HYDRAULICS 34, 37, 42 & 45FT



ITEM	PART NO.	DESCRIPTION
1	67683F1	HYD CYL 4X12.56 TBP ILP FGS #A519CY2
2	67688F1	HYD CYL 4X10.8 TBP ILP FGS #A519CY25
3	238422	HSE 3KPSI 1/2X432 8FJX-8FJX
4	237264	HSE 3KPSI 1/2X234 8FJX-8FJX
5	56540	HSE 3KPSI 3/8X89 8FJX-8FJX
6	13482	HSE 3KPSI 3/8X108 8FJX-8FJX
7	59909	HSE 3KPSI 3/8X168 8FJX-8FJX
8	237155	HSE 3KPSI 3/8X244 8FJX-8FJX
9	241494	HSE 3KPSI 1/2X276 8FJX-8FJX
10	234947	HSE 3KPSI 3/8X194 8FJX-8FJX
11	25580	ELB 8MORB X 8MJ
12	13238	TEE 8MJ X 8MJ X 8MJ
13	352529	8MORB HEX HEAD PLUG
14	247429	DEPTH CONTROL VALVE (8ORB)
15	24024	ADP 8MORB X 8MJ
16	247425	QUICK DISCONNECT COUPLER 8FORB

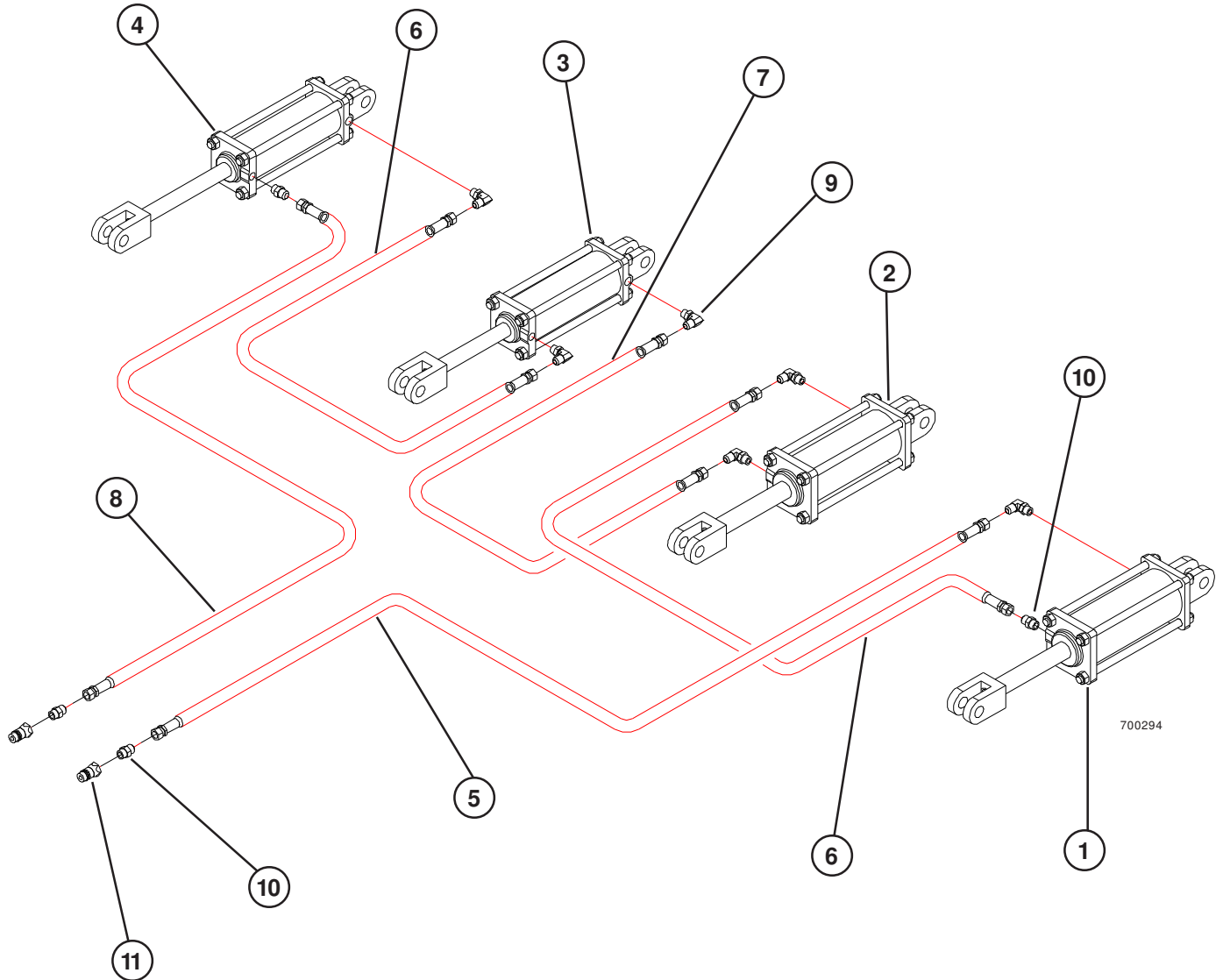
19 & 22FT DISK LIFT HYDRAULICS



ITEM PART NO. DESCRIPTION

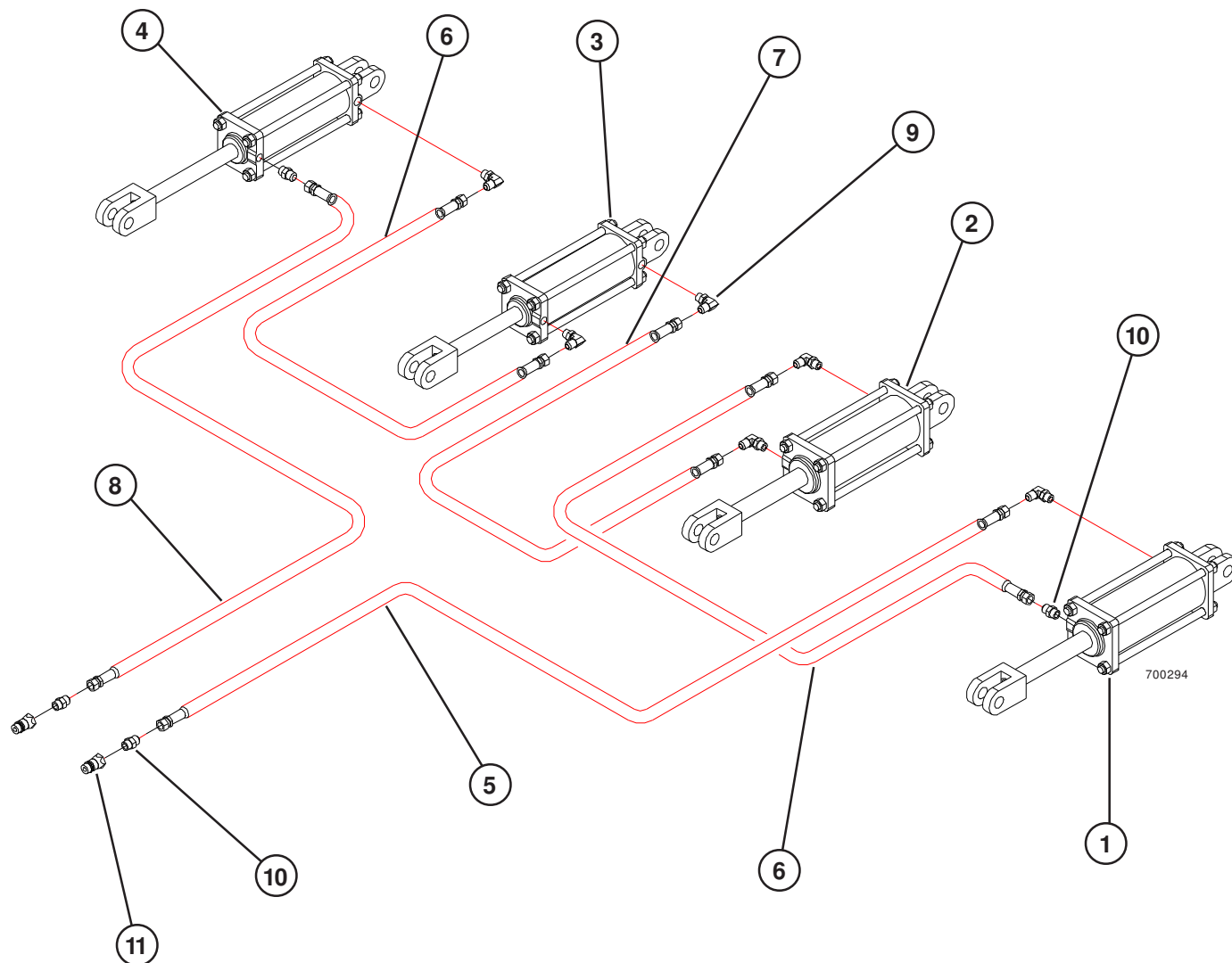
1	25643	HYD CYL 4X8 SEQ W/ADPTR.(645772)
2	25649	HYD CYL 3-3/4X8SEQ W/ADPTR.(645771)
3	25654	HYD CYL 3-1/2X8SEQ W/ADPTR (645775)
4	25659	HYD CYL 3-1/4X8SEQ W/ADPTR.(645774)
5	240611	HSE 3KPSI 3/8X360 8FJX-8FJX
6	13482	HSE 3KPSI 3/8X108 8FJX-8FJX
7	25604	HSE 3KPSI 3/8X83 8FJX-8FJX
8	238618	HSE 3KPSI 3/8X420 8FJX-8FJX
9	25580	ELB 8MORB X 8MJ
10	24024	ADP 8MORB X 8MJ
11	247425	QUICK DISCONNECT COUPLER 8FORB

25 & 28FT DISK LIFT HYDRAULICS



ITEM	PART NO.	DESCRIPTION
1	25643	HYD CYL 4X8 SEQ W/ADPTR.(645772)
2	25649	HYD CYL 3-3/4X8SEQ W/ADPTR.(645771)
3	25654	HYD CYL 3-1/2X8SEQ W/ADPTR (645775)
4	25659	HYD CYL 3-1/4X8SEQ W/ADPTR.(645774)
5	240611	HSE 3KPSI 3/8X360 8FJX-8FJX
6	13483	HSE 3KPSI 3/8X120 8FJX-8FJX
7	25604	HSE 3KPSI 3/8X83 8FJX-8FJX
8	247427	HSE 3KPSI 3/8X440 8FJX-8FJX
9	25580	ELB 8MORB X 8MJ
10	24024	ADP 8MORB X 8MJ
11	247425	QUICK DISCONNECT COUPLER 8FORB

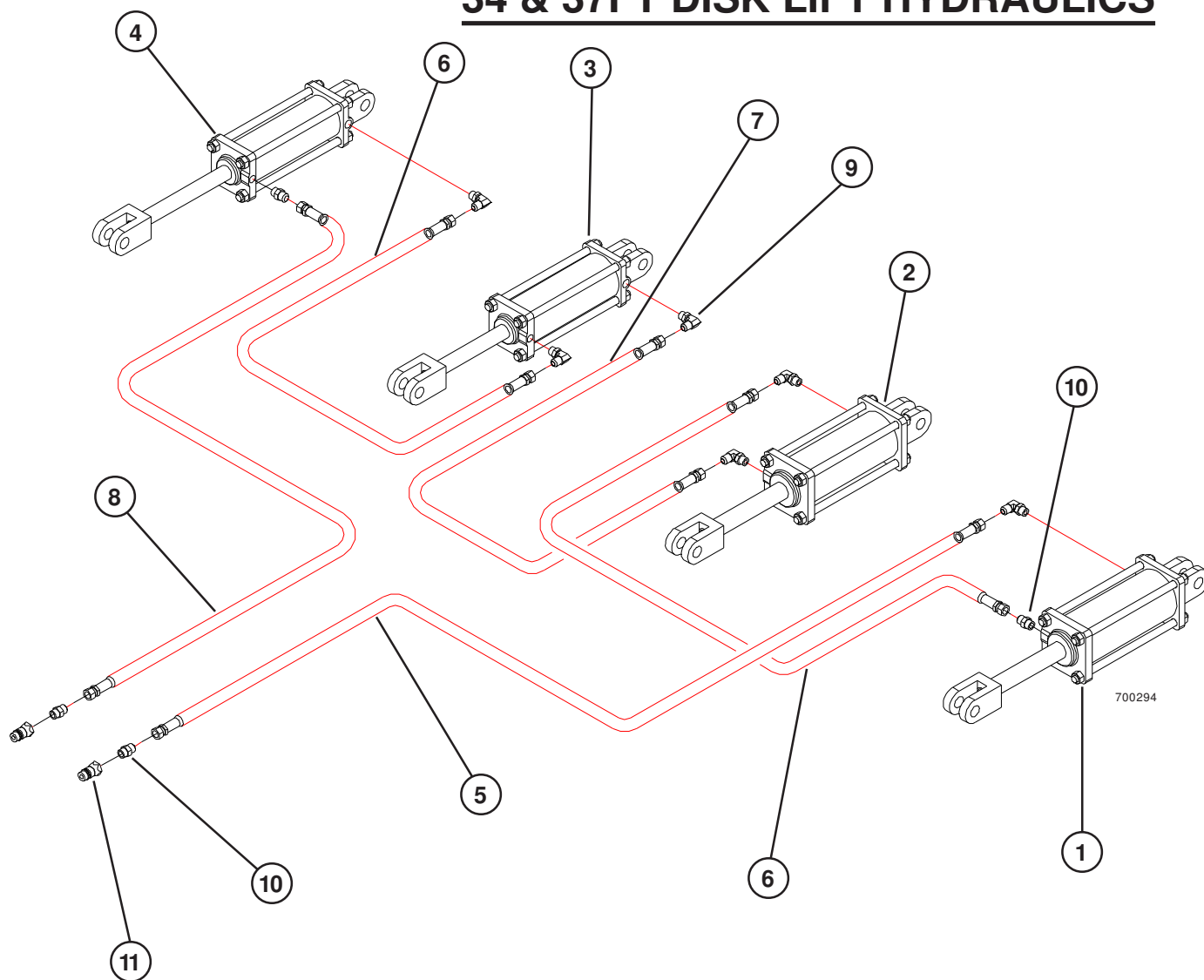
31FT DISK LIFT HYDRAULICS



ITEM PART NO. DESCRIPTION

1	25643	HYD CYL 4X8 SEQ W/ADPTR.(645772)
2	25649	HYD CYL 3-3/4X8SEQ W/ADPTR.(645771)
3	25654	HYD CYL 3-1/2X8SEQ W/ADPTR (645775)
4	25659	HYD CYL 3-1/4X8SEQ W/ADPTR.(645774)
5	240611	HSE 3KPSI 3/8X360 8FJX-8FJX
6	67634	HSE 3KPSI 3/8X132 8FJX-8FJX
7	25604	HSE 3KPSI 3/8X83 8FJX-8FJX
8	247427	HSE 3KPSI 3/8X440 8FJX-8FJX
9	25580	ELB 8MORB X 8MJ
10	24024	ADP 8MORB X 8MJ
11	247425	QUICK DISCONNECT COUPLER 8FORB

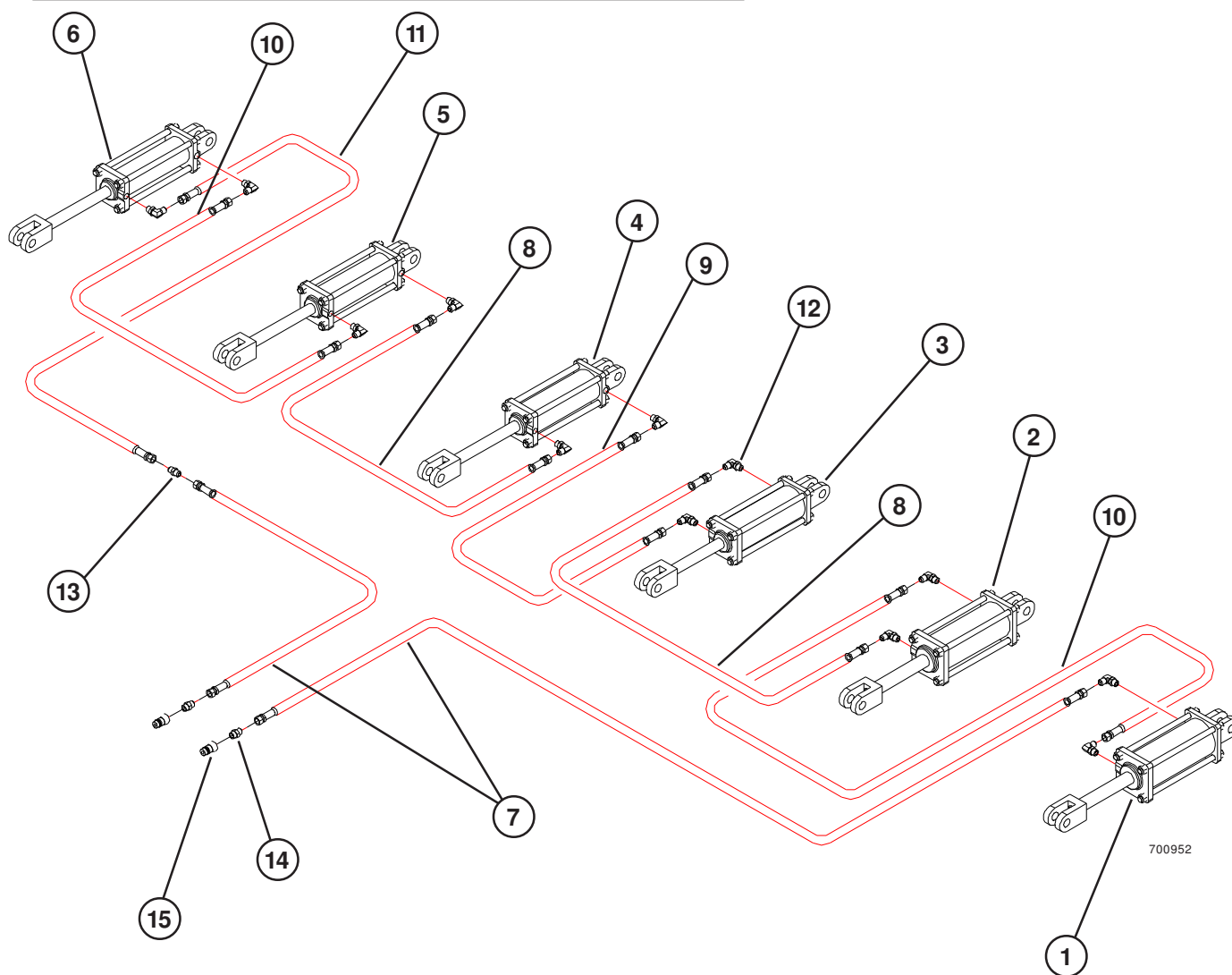
34 & 37FT DISK LIFT HYDRAULICS



ITEM PART NO. DESCRIPTION

1	25643	HYD CYL 4X8 SEQ W/ADPTR.(645772)
2	25649	HYD CYL 3-3/4X8SEQ W/ADPTR.(645771)
3	25654	HYD CYL 3-1/2X8SEQ W/ADPTR (645775)
4	25659	HYD CYL 3-1/4X8SEQ W/ADPTR.(645774)
5	247432	HSE 3KPSI 3/8X400 8FJX-8FJX
6	13484	HSE 3KPSI 3/8X156 8FJX-8FJX
7	25604	HSE 3KPSI 3/8X83 8FJX-8FJX
8	237913	HSE 3KPSI 3/8X460 8FJX-8FJX
9	25580	ELB 8MORB X 8MJ
10	24024	ADP 8MORB X 8MJ
11	247425	QUICK DISCONNECT COUPLER 8FORB

42 & 45FT DISK LIFT HYDRAULICS

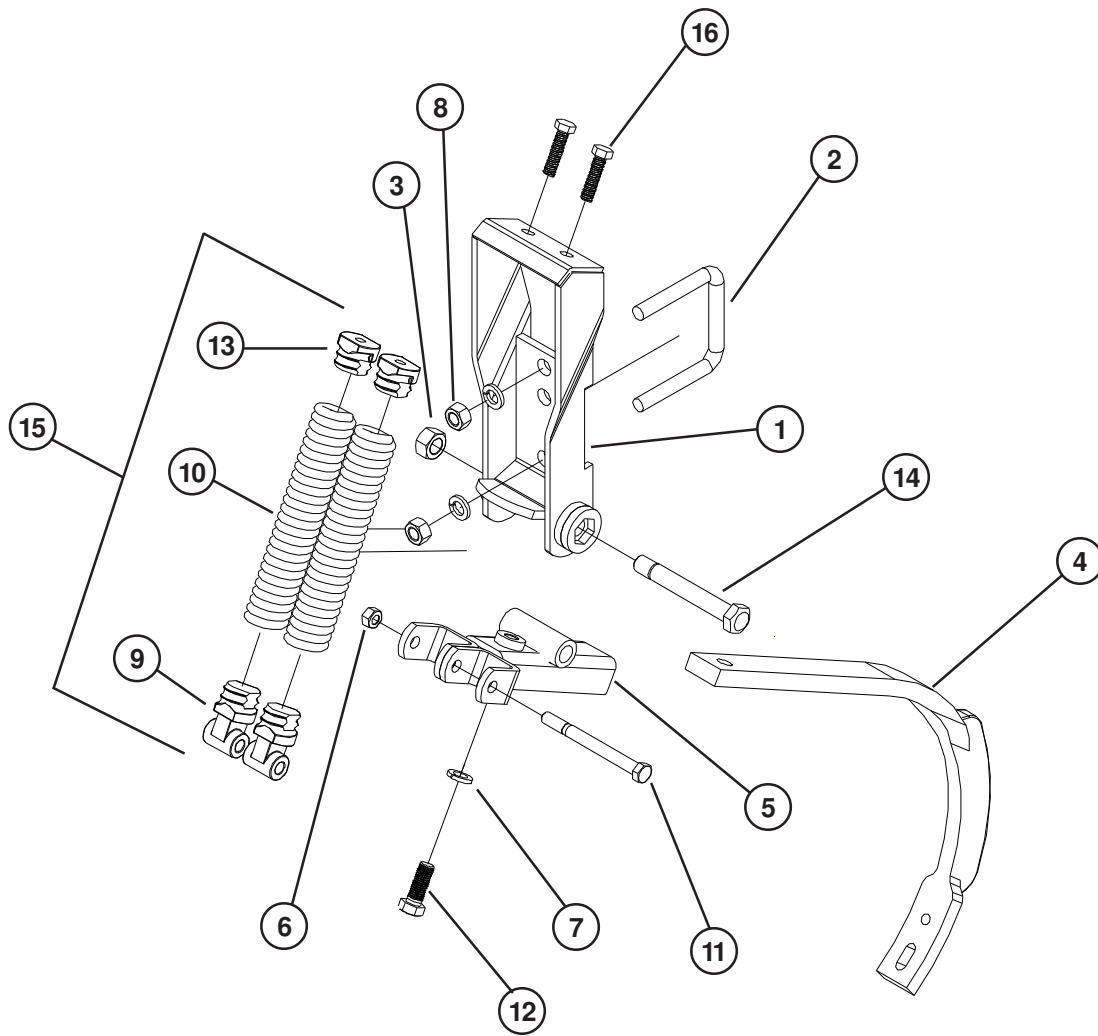


700952

ITEM PART NO. DESCRIPTION

1	25643	HYD CYL 4X8 SEQ W/ADPTR.(645772)
2	25649	HYD CYL 3-3/4X8SEQ W/ADPTR.(645771)
3	25654	HYD CYL 3-1/2X8SEQ W/ADPTR (645775)
4	25659	HYD CYL 3-1/4X8SEQ W/ADPTR.(645774)
5	246456	HYD CYL 3X8 SEQ (639705)
6	246455	HYD CYL 2-3/4X8 SEQ (639704)
7	237913	HSE 3KPSI 3/8X460 8FJX-8FJX
8	13484	HSE 3KPSI 3/8X156 8FJX-8FJX
9	25604	HSE 3KPSI 3/8X83 8FJX-8FJX
10	13483	HSE 3KPSI 3/8X120 8FJX-8FJX
11	235388	HSE 3KPSI 3/8X102 8FJX-8FJX
12	25580	ELB 8MORB X 8MJ
13	13239	UNION 8MJ X 8MJ
14	24024	ADP 8MORB X 8MJ
15	247425	QUICK DISCONNECT COUPLER 8FORB

TWIN SPRING SHANK ASSEMBLY



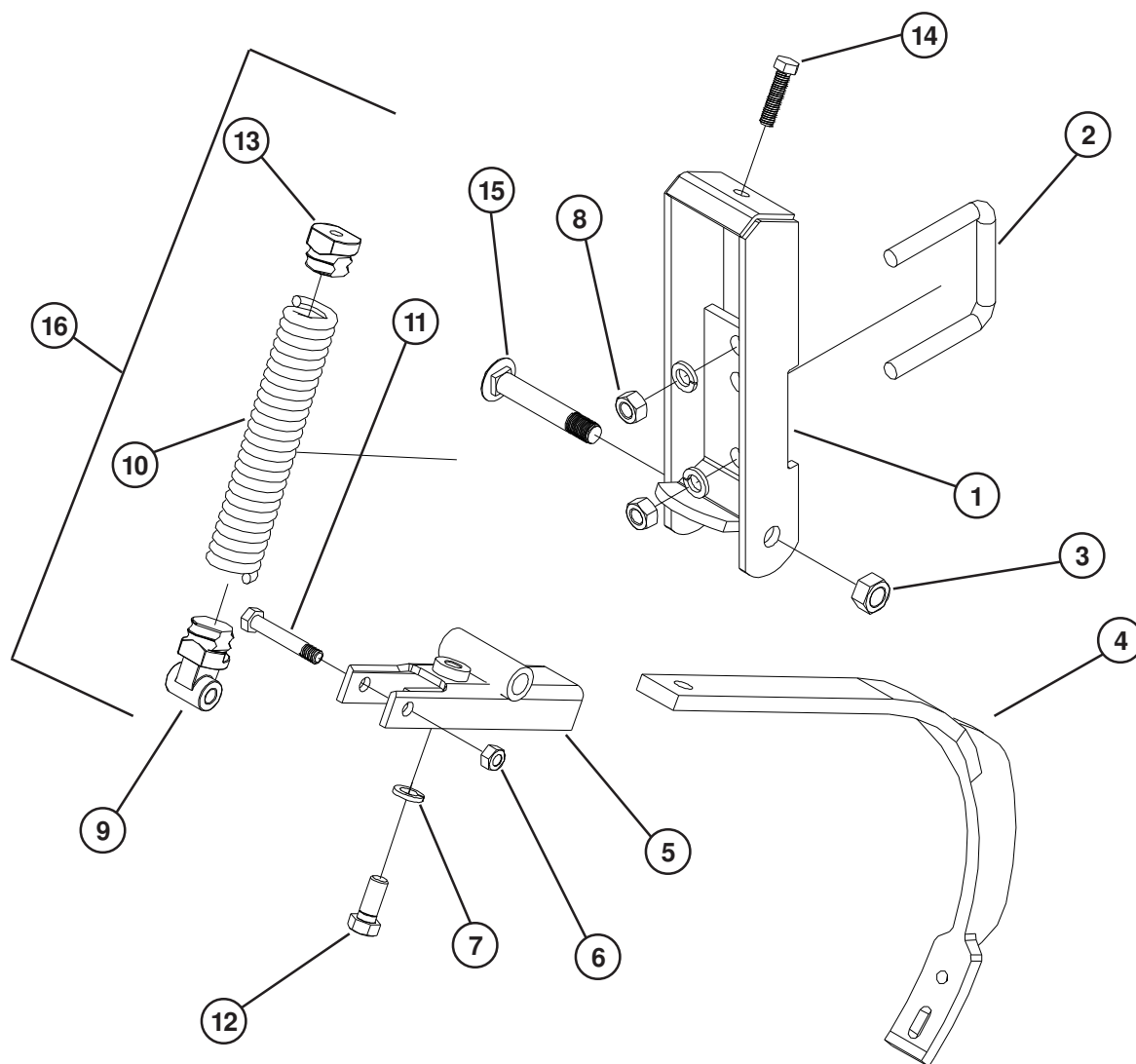
ITEM PART NO. DESCRIPTION

	241859	TWIN SPRING SHANK ASSEMBLY (INCLUDES ITEMS 1, 3, 5-6, 9-11, 13-14, 16)
1	240582	SHANK FRAME BRACKET (4")
2	88501	5/8"NCX4"X4-1/4"U-BOLT
3	22463	3/4"NF LOCK NUT
4	55655	HD EDGE FORM SHANK
5	240581	TWIN SPRING HOLDER
6	88363	1/2"NC LOCK NUT
7	88129	5/8" LOCK WASHER

ITEM PART NO. DESCRIPTION

8	88126	5/8"NC NUT
9	11397	SPRING HANDLE (PLAIN)
10	11510	SPRING
11	88574	1/2"NCX5-1/2" GR5 BOLT
12	88838	5/8"NCX1-3/4" GR5 BOLT
13	11398	SPRING PLUG (PLAIN)
14	240592	SHANK HEX BOLT
15	22902	SPRING PLUG ASSEMBLY
16	23153	1/2 X 2 FULL THREAD CAP SCREW

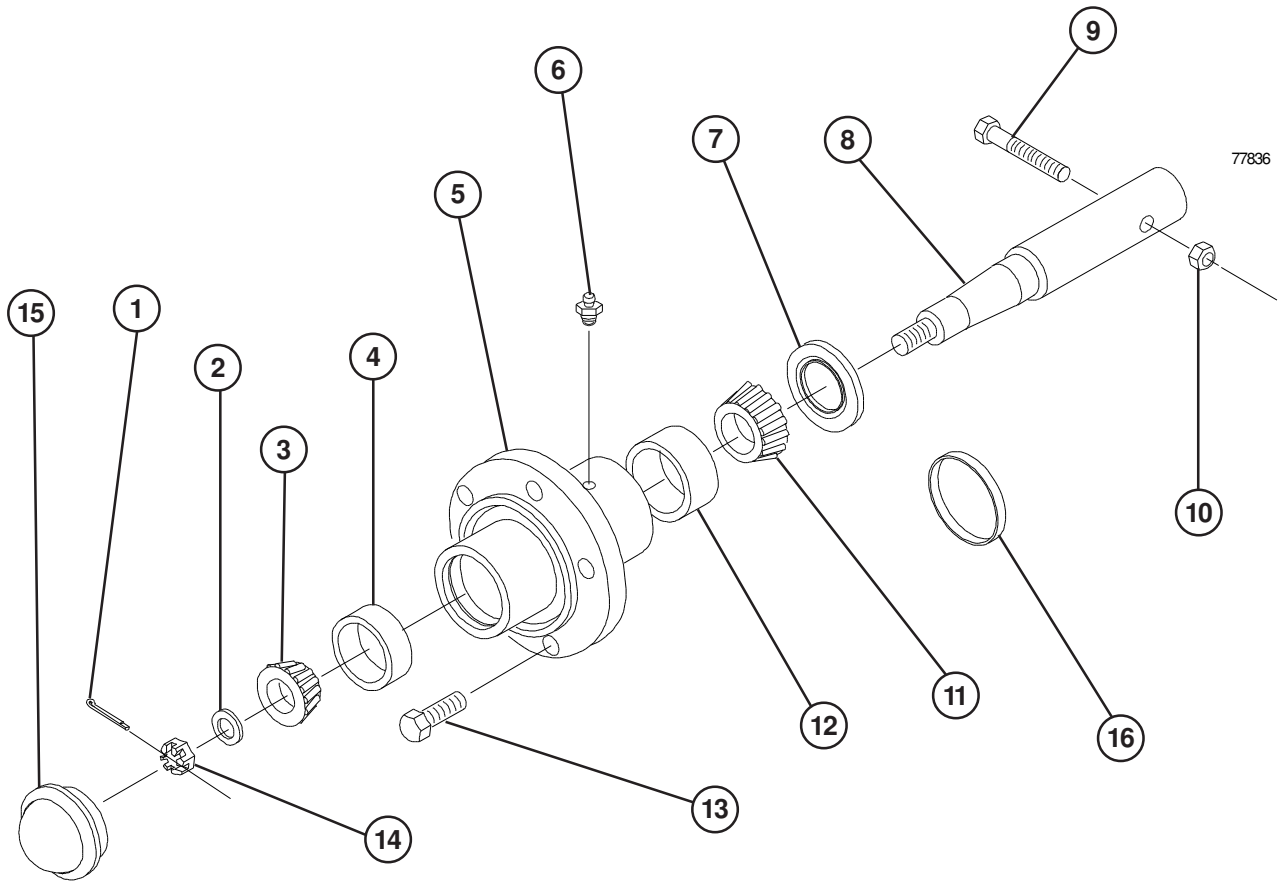
SINGLE SPRING SHANK ASSEMBLY



ITEM	PART NO.	DESCRIPTION
	241858	FC SHANK ASSEMBLY (4") (INCLUDES ITEMS 1, 3,5-6, 9-11, 13-15)
1	223470	SHANK FRAME BRACKET (4")
2	88501	5/8"NCX4"X4-1/4"U-BOLT
3	22463	3/4"NF LOCK NUT
4	53408	EDGE FORMED SHANK
5	242482	SHANK HOLDER
6	88363	1/2"NC LOCK NUT
7	88129	5/8" LOCK WASHER

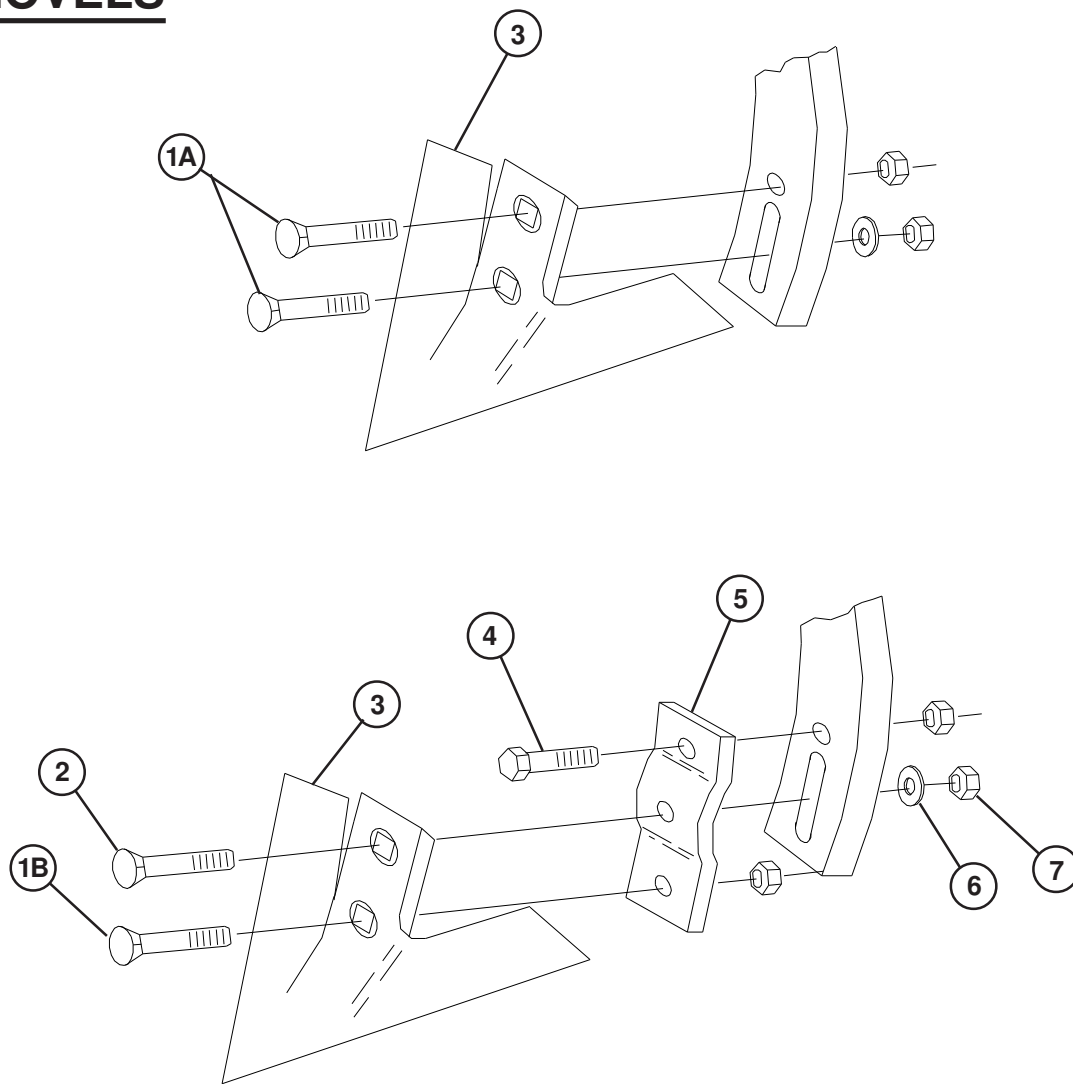
ITEM	PART NO.	DESCRIPTION
8	88126	5/8"NC NUT
9	11397	SPRING HANDLE (PLAIN)
10	11510	SPRING
11	20637	1/2"NCX3" GR5 BOLT
12	88577	5/8"NCX1-1/2" GR5 BOLT
13	11398	SPRING PLUG (PLAIN)
14	23153	1/2"NCX2" GR5 TAP BOLT
15	15579	CARRIAGE BOLT
16	22902	SPRING PLUG ASSEMBLY (INCLUDES 9-10 & 13))

1-3/4", 2" & 2-1/2" HUB & SPINDLE



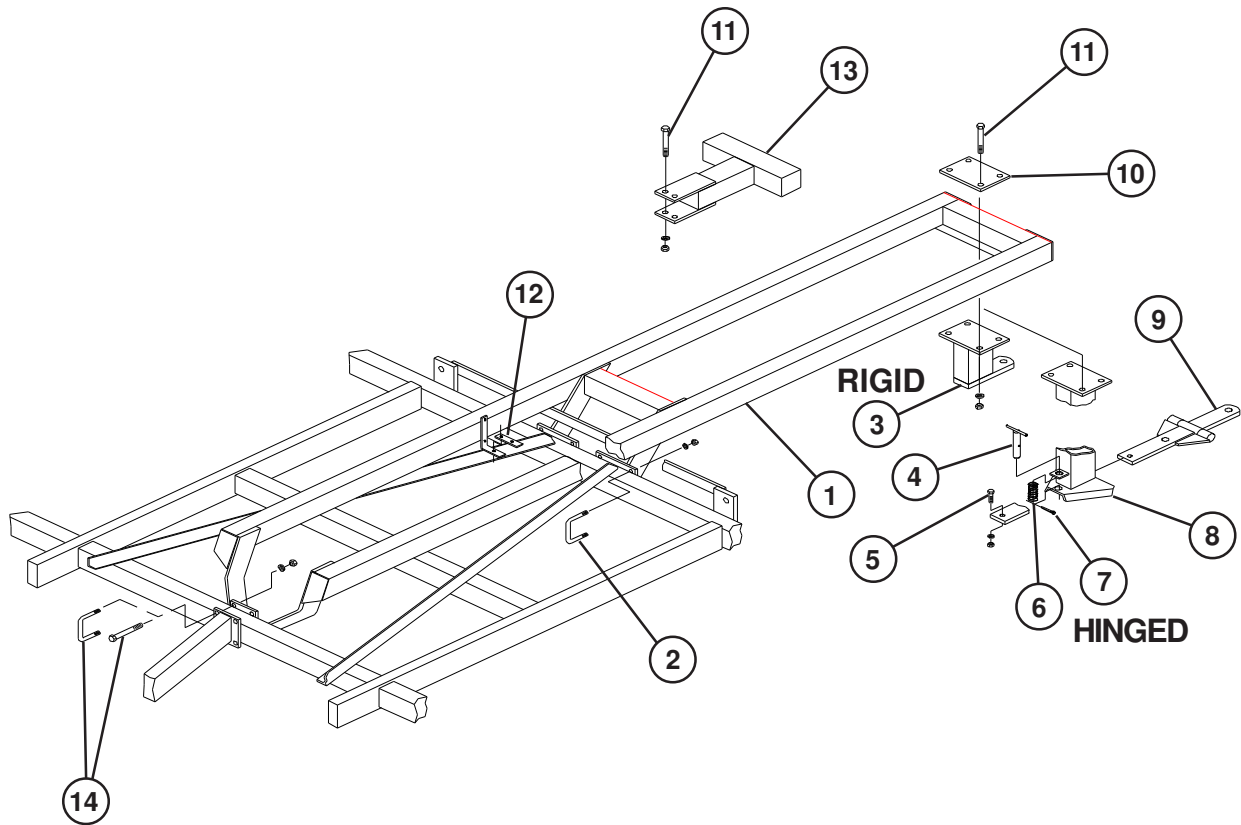
ITEM	PART NO	DESCRIPTION	ITEM	PART NO	DESCRIPTION
	41234	1-3/4" HUB & SPINDLE (INCLUDES ITEMS 1-8 & 11-15)	8	16156	2-1/2" SPINDLE (14-3/4" LONG)
	14131	2" HUB & SPINDLE (INCLUDES ITEMS 1-8 & 11-15)		14251	2" AXLE SPINDLE (12" LONG)
	16154	2-1/2" HUB & SPINDLE (INCLUDES ITEMS 1-8 & 11-15)		41232	1-3/4" AXLE SPINDLE (11-1/8" LONG)
1	88301	3/16"x1-1/2" COTTER PIN	9	88298	5/8"NCx4" GR5 BOLT (2-1/2")
	88133	3/16"x2" COTTER PIN (2-1/2")		88429	1/2"NFx3-1/4" GR5 BOLT (2")
2	16094	7/8" SPINDLE WASHER		88313	1/2"NFx3" GR5 BOLT (1-3/4")
3	64050	HARD WR 2-1/2"ODx1-1/16"ID(2-1/2")	10	88304	1/2"NF LOCK NUT
	10345	OUTER BEARING CONE		88369	5/8"NC LOCK NUT
	16081	OUTER BEARING CONE (2-1/2")	11	16083	INNER BEARING CONE (2-1/2")
4	10344	OUTER BEARING CUP		14248	INNER BEARING CONE (2")
	16082	OUTER BEARING CUP (2-1/2")		11378	INNER BEARING CONE (1-3/4")
5	24097	6-BOLT HUB 2" SPINDLE (INCLUDES ITEMS 4, 6 & 12)	12	16084	INNER BEARING CUP (2-1/2")
	30405	6 BOLT HUB 1-3/4" SPINDLE (INCLUDES ITEMS 4, 6, 12 & 16)		14249	INNER BEARING CUP (2")
	41054	8 BOLT HUB 2-1/2" SPINDLE (INCLUDES ITEMS 4, 6, 12 & 16)		11379	INNER BEARING CUP (1-3/4")
6	88263	1/8"NPT GREASE FITTING	13	88142	1/2"NFx1 90° WHEEL BOLT
	88143	1/4 GREASE FITTING (2-1/2")		63831	9/16"NFx1-1/8" WHL BOLT (2-1/2")
7	58546	2" TRIPLE LIP SEAL	14	88340	7/8"NF SLOTTED NUT
	25585	1-3/4" TRIPLE LIP SEAL		88299	1"NF SLOTTED NUT (2-1/2")
	26121	INCLUDES 25585 & 25586	15	11381	DUST CAP
	235298	2-1/2" SPINDLE SEAL	16	16077	HUB CAP (2-1/2")
				25586	WEAR SLEEVE (1-3/4")

SHOVELS



ITEM	PART NO	DESCRIPTION	ITEM	PART NO	DESCRIPTION
	16339	FC SHOVEL EXTENSION KIT (REF. ITEMS 1,2,4,5,6 & 7 KIT CONTAINS HDWE FOR 4 SHOVELS)	3	222682	9" TERMINATOR SWEEP 47° STEM ANGLE W/HDWR
1A	88599	PLOW BOLT 7/16NCX1-1/2 GR5	4	88392	7/16NCX1-1/2 BOLT
1B	88849	PLOW BOLT 7/16NCX1-3/4 GR5	5	41575	FC SHOVEL EXTENSION
2	88464	PLOW BOLT 7/16NCX2-1/4 GR5	6	88152	7/16 FLAT WASHER
			7	88344	7/16NC NUT

HD AUXILIARY HITCH



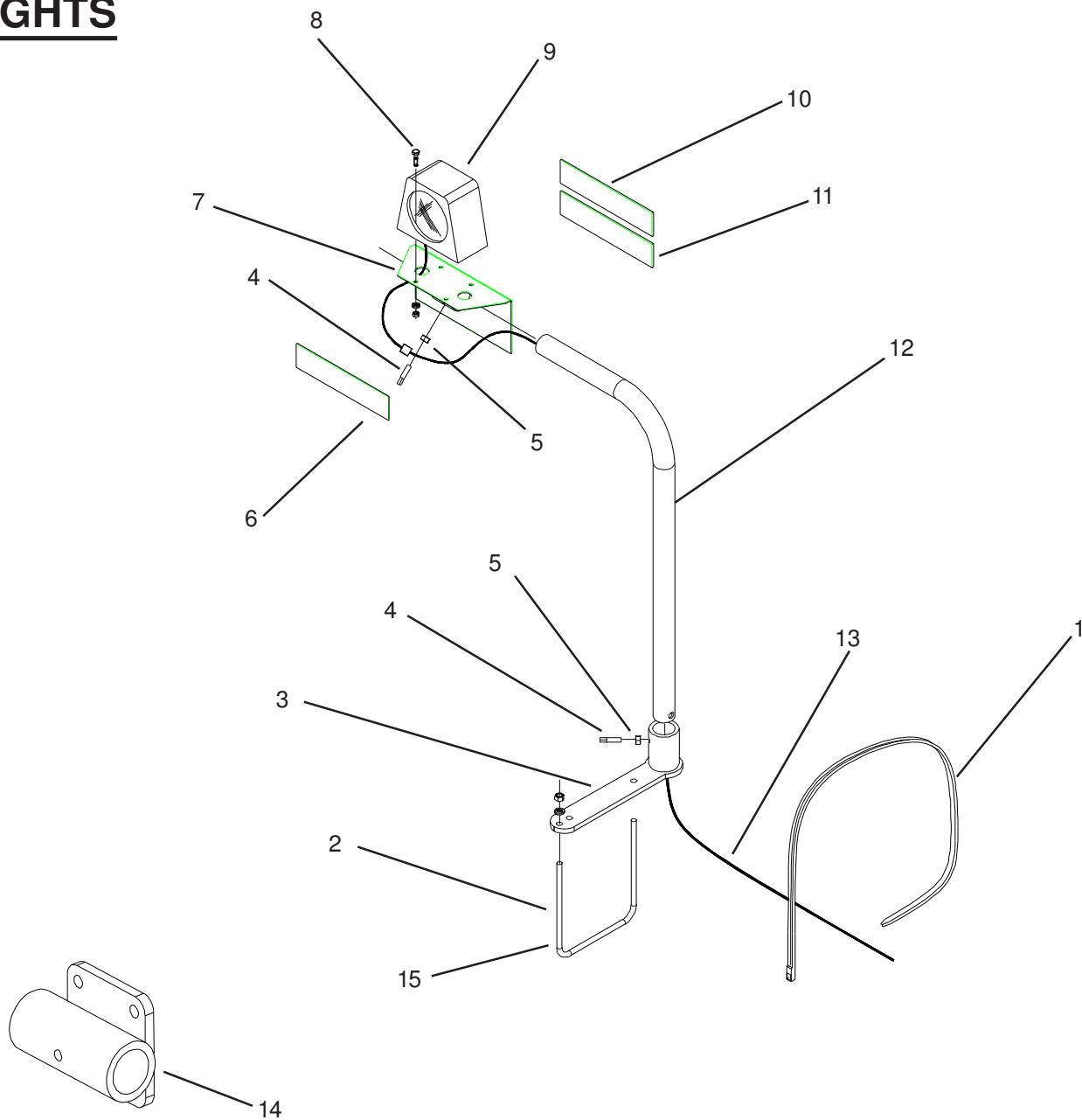
ITEM PART NO. DESCRIPTION

	69455	REAR HITCH W/HINGED TOUNGE (INCLUDES ITEMS 1,2,4-11)
	69456	REAR HITCH W/RIGID TOUNGE (INCLUDES ITEMS 1,2,3,10 & 11)
1	69442	HD IMPLEMENT HITCH
2	88453	5/8NCX4X4-1/2U-BOLT
3	69453	RIGID TOUNGE MOUNT
4	58284	PIN ASSEMBLY 1X2-27/32
5	88294	5/8NCx2 GR5 BOLT

ITEM PART NO. DESCRIPTION

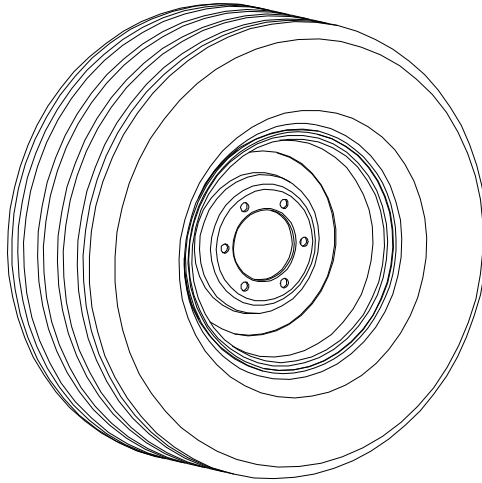
6	15940	SPRING
7	88101	1/4X2-1/2 COTTER PIN
8	69454	HINGED HITCH MOUNT
9	18443	HINGED TOUNGE ASSEMBLY
10	69447	PLATE
11	88293	3/4NCX6 GR5 BOLT
12	69459	CLAMP STRAP
13	222493	HD HITCH EXTENSION
14	88305	3/4NCX5 GR5 BOLT (EXCEL)
	88453	5/8NCX4X4-1/2U-BOLT (QUAD X)

LIGHTS



ITEM	PART NO	DESCRIPTION	ITEM	PART NO	DESCRIPTION
	239474	LIGHT KIT (19 & 22ft)	11	223118	RED/ORANGE FLUORESCENT
	223178	LIGHT KIT (25,28,31,34,37,42&45ft)			DECAL
1	13479	4" SQUARE TIE LOOP	12	223140	12x12 LIGHT ARM
2	88385	3/8NCx4x4-3/4 U-BOLT		223152	20x15.5 LIGHT ARM
3	223130	SHORT BASE PIVOT		240238	48" OFFSET LIGHT ARM
4	88702	3/8NCx3/4 SQ HEAD SET SCREW	13	223330	AG LIGHT KIT
5	88103	3/8NC NUT		223145	AG MODULE
6	22372	AMBER REFLECTOR		223146	WISHBONE 4 LEAD
7	223126	LIGHT/REFLECTOR BRACKET		64597	35' HARNESS
8	88203	1/4NCx1 BOLT	14	240237	PIVOT PLATE
9	223143	AMBER LIGHT	15	88386	3/8NCx2-1/2x3-1/4 U-BLT
	223144	RED LIGHT			
10	22371	RED REFLECTOR			

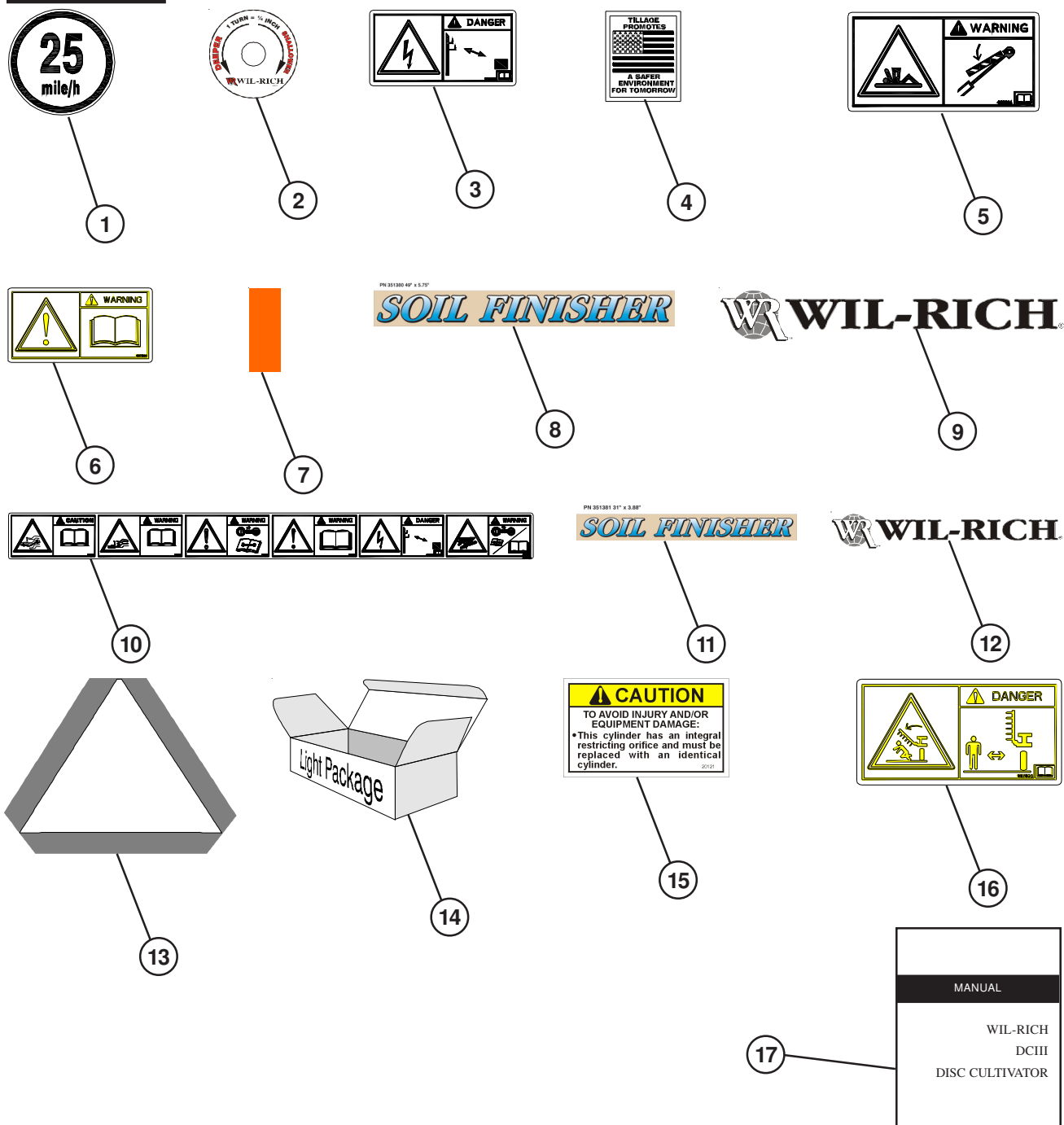
TIRE ASSEMBLIES, RIMS, TIRES, VALVE STEMS



IDENTIFY WHICH TIRE ASSEMBLY YOU REQUIRE, MOST WIL-RICH IMPLEMENTS HAVE MULTIPLE TIRE/RIM OPTIONS.

ASSEMBLY	DESCRIPTION
16290	WHL ASSY 9.5LX15 6B 8" 8PLY
10498	RIM 15X8 6B (W511535V PO2)
16287	TIRE 95LX15 8PLY
30784	VALVE STEM ASSY TR415
24538	WHL ASSY 11LX15 6B 8" 8P GRAY
10498	RIM 15X8 6B (W511535V PO2)
29066	TIRE 11L X 15 8PLY
30784	VALVE STEM ASSY TR415
65696	WHL ASSY 11LX15 6B 10" 12PGRAY
41279	TIRE 11L X 15 12 PLY
46714	RIM 15X10 6B (W50534VP02)
57908	VALVE ASSEMBLY (STEEL)
222087	WHL ASSY 31X13.5 6B 10" 12P GRAY
222088	31 X 13.50-15 12PLY TIRE
46714	RIM 15X10 6B (W50534VP02)
57908	VALVE ASSEMBLY (STEEL)
246254	WHL ASSY 13.50-15FI 8B 10IN F
203196	15 X 10 RIM 8B 8-6 (W51350V P02)
246253	13.50-15 FI F HWY IMP TIRE
57908	VALVE ASSEMBLY (STEEL)

DECALS



ITEM	PART NO	DESCRIPTION
1	997868	DECAL SPEED SIGN 25 MILE/HR
2	241756	DEPTH ADJUSTMENT DECAL
3	997862	DECAL HIGH VOLTAGE DANGER
4	997263	DECAL TILLAGE PROMOTES A SAFER ENVIRONMENT FOR TOMORROW
5	997864	DECAL LOCKOUT WARNING
6	997860	DECAL READ MANUAL WARNING
7	22372	AMBER REFLECTOR
8	351380	SOIL FINISHER DECAL LARGE
9	65342	WIL-RICH DECAL 3-5/8X23-7/8
10	9971163	DECAL SAFETY SET
11	351381	SOIL FINISHER DECAL SMALL

ITEM	PART NO	DESCRIPTION
12	64404	WIL-RICH DECAL 3 X 19-7/8
13	351536	SMV KT (2-1/2 SQ - 3X4 - 4 SQ TUBE)
14	239474	CLEARANCE LIGHT PACKAGE 19&22FT
	223178	CLEARANCE LT PKG 25,28,31,34,37,42&45FT
15	20121	INTEGRAL RESTRICTOR DECAL
16	997854	DECAL FOLDING WINGS DANGER
17	74334	ASSEMBLY MANUAL 19-31FT
	74314	ASSEMBLY MANUAL 34-45FT
	74258	OPERATORS MANUAL

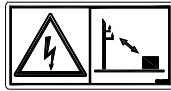
DECALS EXPORT



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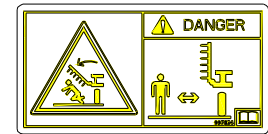
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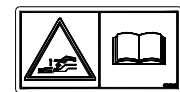
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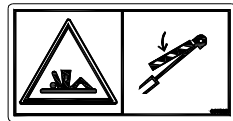
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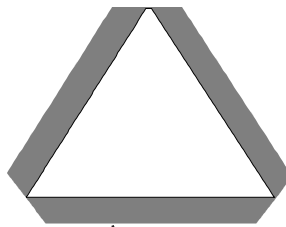
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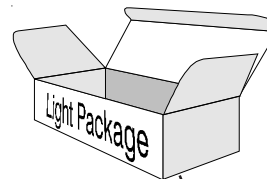
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16



17

ITEM	PART NO	DESCRIPTION
1	997869	DECAL SPEED SIGN 40 KM/HR
2	241756	DEPTH ADJUSTMENT DECAL
3	997863	DECAL HIGH VOLTAGE
4	997857	DECAL FASTEN SAFETY CHAIN
5	997855	DECAL FOLDING WINGS
6	997867	DECAL FLUID UNDER PRESSURE
7	997861	DECAL READ MANUAL
8	22372	AMBER REFLECTOR
9	997859	DECAL ENGINE OFF
10	997853	DECAL UNHITCHING HAZARD
11	20121	INTEGRAL RESTRICTOR DECAL

ITEM	PART NO	DESCRIPTION
12	997865	DECAL LOCKOUT
13	64404	WIL-RICH DECAL 3 X 19-7/8
14	65342	WIL-RICH DECAL 3-5/8X23-7/8
15	246837	DCIV DECAL KT EXPORT
16	351536	SMV KT (2-1/2 SQ - 3X4 - 4 SQ TUBE)
17	239474	CLEARANCE LIGHT PACKAGE 19&22FT
	223178	CLEARANCE LT PKG 25,28,31,34,37,42&45FT

