

Calkins

**4+4 CULTIVATOR
5 Section**

Parts Manual

J.E. LOVE COMPANY

LOVE[®]

**309 W. CALIFORNIA STREET
P.O. BOX 188
GARFIELD, WASHINGTON 99130-0188
(509) 635-1321 FAX: (509) 635-1434
www.jeloveco.com**

4+4 CULTIVATOR

5 Section



Important Safety Information

Look for Safety Symbol

The SAFETY ALERT SYMBOL indicates there is a potential hazard to personal safety involved and extra safety precaution must be taken. When you see this symbol, be alert and carefully read the message that follows it. In addition to design and configuration of equipment, hazard control and accident prevention are dependent upon the awareness, concern, prudence and proper training of personnel involved in the operation, transport, maintenance and storage of equipment.



Be Aware of Signal Words

Signal words designate a degree or level of hazard seriousness.

DANGER indicates an imminently hazardous situation, which, if not avoided, will result in death or serious injury. This signal word is limited to the most extreme situations, typically for machine components that, for functional purposes, cannot be guarded.



WARNING indicates a potentially hazardous situation, which, if not avoided, could result in death or serious injury, and includes hazards that are exposed when guards are removed. It may also be used to alert against unsafe practices.



CAUTION indicates a potentially hazardous situation, which, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.



J.E. LOVE COMPANY
LOVE

309 W. CALIFORNIA STREET
P.O. BOX 188
GARFIELD, WASHINGTON 99130-0188
(509) 635-1321 FAX: (509) 635-1434
www.jeloveco.com



DANGER

BLOCK SECURELY

Do not place yourself nor anyone under any equipment suspended hydraulically, with mechanical stops, jacks or hoists, without blocking securely.

Make sure equipment cannot roll. Block securely.

J.E. LOVE COMPANY
LOVE WARRANTY

The J. E. Love Company warrants that it will repair F.O.B. its factory or furnish without charge F.O.B. its factory, a similar part to replace any material in its machinery which within one year after date of retail delivery or lease/rental is proved to the satisfaction of the Company to have been defective at the time it was delivered. Provided that all parts claimed defective shall be returned, properly identified to the Company's branch having jurisdiction over the territory, charges prepaid.

This warranty to repair applies only to new and unused machinery, which after shipment from the factory of the Company, has not been altered, changed, repaired or treated in any manner whatsoever, and does not extend to equipment or implements not manufactured by the J. E. Love Company, although sold or operated with the Company's Machinery.

Furthermore, component parts, equipment, accessories and items not fabricated by J. E. Love Company are warranted only to the extent of the original manufacturer's warranty.

THIS WARRANTY TO REPAIR IS THE ONLY WARRANTY EITHER EXPRESS, IMPLIED OF STATUTORY, UPON WHICH SAID MACHINERY IS SOLD. SPECIFICALLY, THE J. E. LOVE COMPANY DISCLAIMS ANY IMPLIED WARRANTY OF MERCHANTABILITY OR IMPLIED WARRANTY OF FITNESS FOR PURPOSE.

The Company's liability in connection with this transaction is expressly limited to the repair or replacement of defective parts; all other damages and warranties, statutory or otherwise, being hereby expressly waived by the purchaser.

No representative of the Company has the authority to change this warranty or this contract in any manner whatsoever, and no attempt to repair or promise to repair or improve the machinery covered by this contract by any representative of the Company shall waive any consideration of the contract or change or extend this warranty in any manner whatsoever.

The J. E. Love Company shall in no event be responsible or liable in damages for losses, delays or nonperformance caused by or due to current energy, fuel or material shortages or due to Labor Contracts beyond the control of the Company.

J. E. Love Company reserves the right to make improvement changes on any of its products without notice.

Warranty claims Procedure

1. A warranty claim must be submitted through the point of purchase.
2. Defective parts for which a warranty claim is made must be returned to the J. E. Love Company, transportation charges prepaid, within 30 days from the claim date.

J. E. LOVE CO.

PURCHASER'S WARRANTY REGISTRATION

Purchaser's warranty protection on this equipment is valid only when this certification form is completed and signed by the purchaser at the time of delivery of the equipment and mailed to the manufacturer. Purchaser's signature affirms that he has received the owner's manual and has been instructed as indicated by the delivery date checks.

DATE DELIVERED TO PURCHASER _____

TYPE OF EQUIPMENT _____

MODEL _____

SERIAL NUMBER _____

LOVE SERVICE SIGNATURE INDICATES:

Equipment was properly assembled as directed by manufacturer.
Equipment was tested functionally and operates properly.
Purchaser was instructed in safe and proper operating procedures.
Warranty was explained to purchaser.
Purchaser was given operator's manual.

SERVICEMAN

Signature _____

Mailing address _____ P.O. Box 188

City Garfield, State WA Zip Code 99130-0188

PURCHASER'S SIGNATURE INDICATES:

Acceptance of equipment, fully assembled.
Receipt of operator's manual.
Clear understanding of warranty.
Receipt of instructions on special safety equipment available.
Receipt of instructions on safe and proper operating procedures.

PURCHASER

Signature _____

Company _____

Mailing Address _____

City _____ State _____ Zip Code _____

Phone number _____

THIS WARRANTY MUST BE VALIDATED BY MANUFACTURER

It is valid only when the yellow copy has been received by manufacturer at address shown. Just mail to:

J. E. Love Co.
P. O. Box 188
Garfield, WA 99130-0188

J. E. LOVE CO.

PURCHASER'S WARRANTY REGISTRATION

Purchaser's warranty protection on this equipment is valid only when this certification form is completed and signed by the purchaser at the time of delivery of the equipment and mailed to the manufacturer. Purchaser's signature affirms that he has received the owner's manual and has been instructed as indicated by the delivery date checks.

DATE DELIVERED TO PURCHASER _____

TYPE OF EQUIPMENT _____

MODEL _____

SERIAL NUMBER _____

LOVE SERVICE SIGNATURE INDICATES:

Equipment was properly assembled as directed by manufacturer.
Equipment was tested functionally and operates properly.
Purchaser was instructed in safe and proper operating procedures.
Warranty was explained to purchaser.
Purchaser was given operator's manual.

SERVICEMAN

Signature _____

Mailing address _____ P.O. Box 188

City Garfield, State WA Zip Code 99130-0188

PURCHASER'S SIGNATURE INDICATES:

Acceptance of equipment, fully assembled.
Receipt of operator's manual.
Clear understanding of warranty.
Receipt of instructions on special safety equipment available.
Receipt of instructions on safe and proper operating procedures.

PURCHASER

Signature _____

Company _____

Mailing Address _____

City _____ State _____ Zip Code _____

Phone number _____

THIS WARRANTY MUST BE VALIDATED BY MANUFACTURER

It is valid only when the yellow copy has been received by manufacturer at address shown. Just mail to:

J. E. Love Co.
P. O. Box 188
Garfield, WA 99130-0188

Calkins

**4+4 CULTIVATOR
5 Section**

Parts Manual

J.E. LOVE COMPANY

LOVE[®]

**309 W. CALIFORNIA STREET
P.O. BOX 188
GARFIELD, WASHINGTON 99130-0188
(509) 635-1321 FAX: (509) 635-1434
www.jeloveco.com**

4+4 CULTIVATOR

5 Section

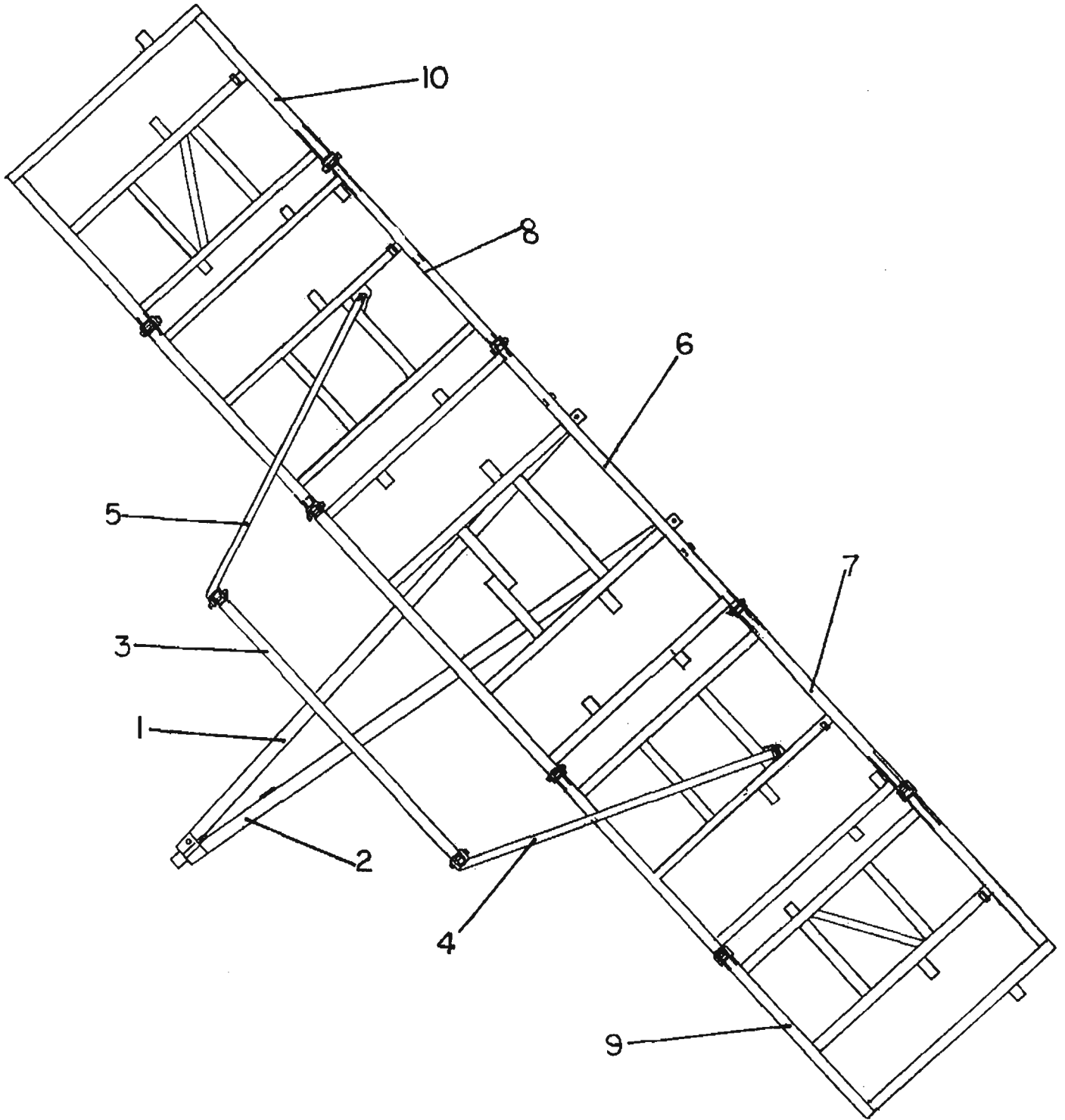
Table of Contents

Title	Page
Important Safety Information.	
Warranty	
Purchasers Warranty Regrestration and claims procedure	
Index -----	1,3
Frame layout -----	4,5
Center frame, Tongue, Cross tongue & Forward shank mount -----	6,7
Inner wing frame, Left, Wing pull & Forward shank mount -----	8,9
Inner wing frame, Right, Wing pull & forward shank mount -----	10,11
Outer wing frame, Left -----	12,13
Outer wing frame, Right -----	14,15
Caster wheel leg assembly, Left [Forward floatation] -----	16,17
Caster wheel leg assembly, Right [Forward floatation] -----	18,19
Tandem wheel leg assembly, Center frame, Left, 8 bolt hubs -----	20,21
Tandem wheel leg assembly, Center frame, Right, 8 bolt hubs -----	22,23
Wheel leg walking beam assembly, Center frame, 8 bolt hubs -----	24,25
Tandem wheel leg assembly, Inner wing, Right, 6 bolt hubs -----	26,27
Tandem wheel leg assembly, Inner wing, Left, 6 bolt hubs -----	28,29
Tandem wheel leg assembly, Outer wing, right, 6 bolt hubs -----	30,31
Tandem wheel leg assembly, Outer wing, Left, 6 bolt hubs -----	32,33
Tandem wheel leg assemblies, Wing frames, 6 bolt hubs -----	34,35
Tandem wheel leg, Walking beams, Hubs & Spindles, 6 bolt -----	36,37
Adjustable linkage assembly, Hydraulic cylinders & Locks -----	38,39
Main lift hydraulic components -----	40,41
Main lift system hydraulic cylinders & depth control stops -----	42,43
Wing lift components, Center frame -----	44,45
Wing lift components, Inner wing, Left -----	46,47
Wing lift components, Inner wing, Right -----	48,49
Transport latch Wing transport stand -----	50,51
Wing lift components, Inner wing, Left, 1400-500 Series -----	52,53
Wing lift components, Inner wing, Right, 1400-500 Series -----	54,55
Transport latch, 1400-500 Series -----	56,57
Wing lift components, Outer wing, Left -----	58,59
Wing lift components, Outer wing, Right -----	60,61

Table of contents

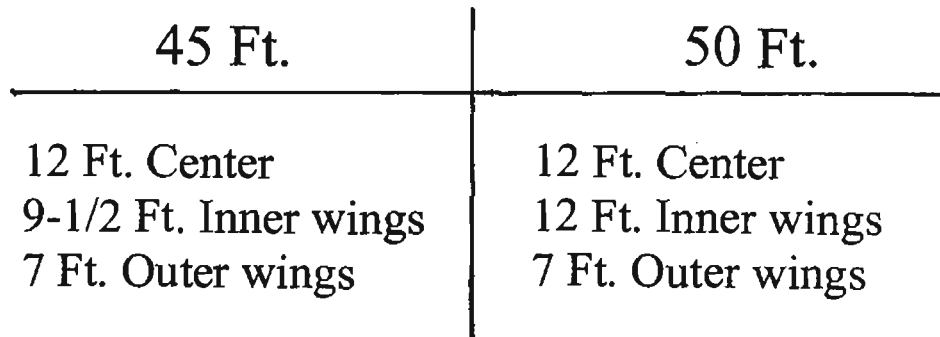
Title	Page
Hydraulic wing lift components, Center frame -----	62,63
Hydraulic components, Wing lift Inner & Outer frames, Left -----	64,65
Hydraulic components, Wing lift Inner & Outer frames, Right -----	66,67
Fixed shank assembly -----	68,69
Cultivator shank layout, 9in spacing, 50Ft -----	70
Cultivator shank layout, 7in spacing, 50Ft -----	71
Cultivator shank layout, 7in spacing, 45Ft -----	72
Blank page -----	73
Wing extension components, 2, 4 & 6 shanks -----	74,75
Wing extension components, 8 shanks -----	76,77
Wing extension components, 8 shanks, 7in spacing -----	78,79
Wing extension components, 10 shanks -----	80,81
Wing extension components, 10 shanks, 7in spacing -----	82,83
Wing extension components 12 & 14 shanks -----	84,85
Wing extension components, 12 shanks, 7in spacing -----	86,87
Wing extension components, 14 shanks, 7in spacing -----	88,89
Harrow mount extension, 6 shanks or less, 45Ft & 50Ft. -----	90,91
Harrow mount extension, 8 shanks or more, 50Ft. -----	92,93
Parts numbers Page reference -----	A-1 thru A-8

Frame Layout

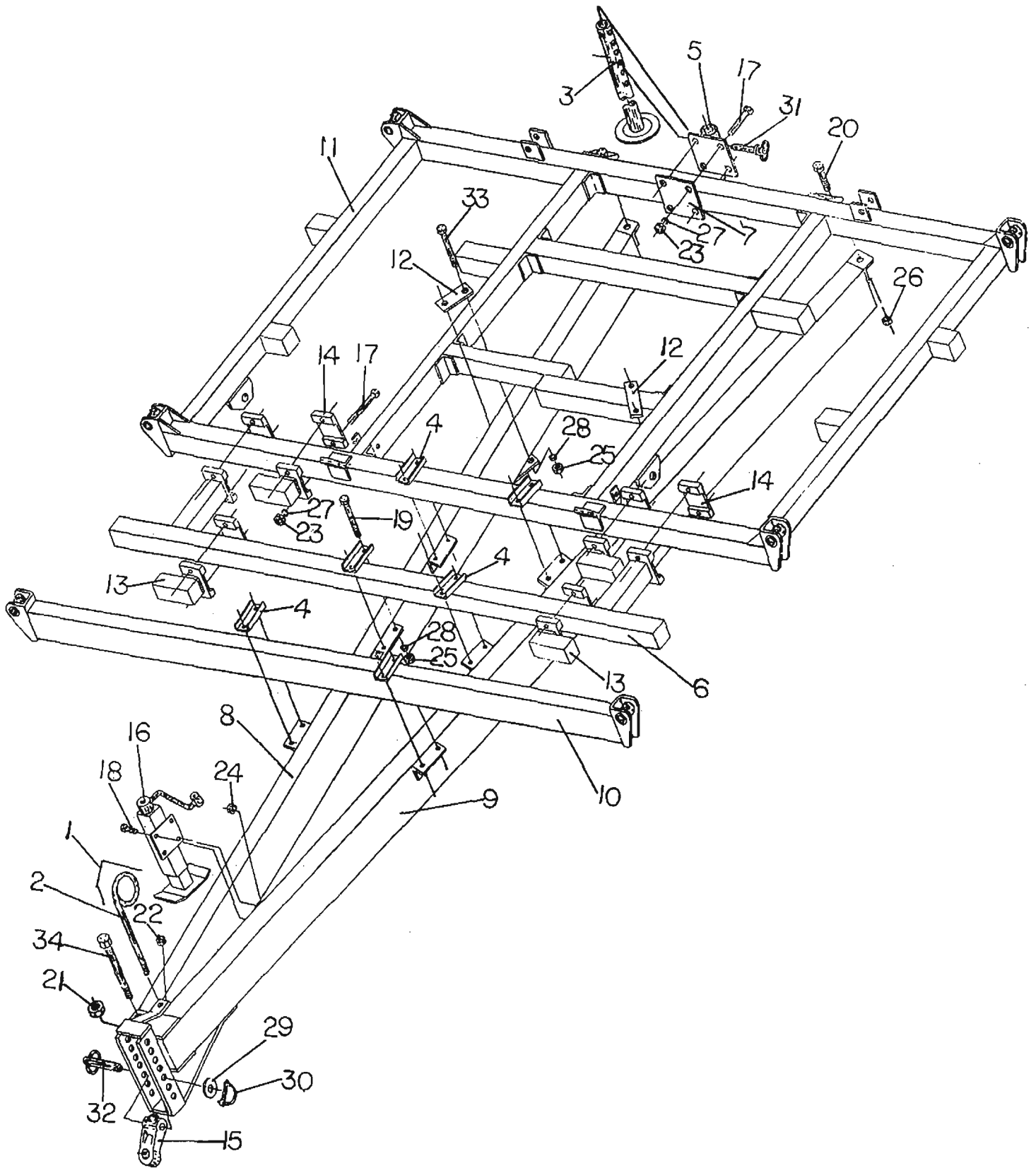


Frame Layout

Key	Part No.	Description
1	0403-004	Tongue, right side
2	0403-005	Tongue, left side
3	0403-020	Cross tongue
4	0403-025	Wing pull, left, 12ft.
	0403-027	Wing pull, left, 9-1/2ft.
5	0403-026	Wing pull, right, 12ft.
	0403-028	Wing pull, right, 9-1/2ft.
6	0403-035	Center frame, 12ft.
7	0403-036	Inner wing frame, left, 12ft.
	0403-038	Inner wing frame, left, 9-1/2ft.
8	0403-037	Inner wing frame, right, 12ft.
	0403-039	Inner wing frame, right, 9-1/2ft.
9	0403-040	Outer wing frame, left, 7ft.
10	0403-041	Outer wing frame, right, 7ft.



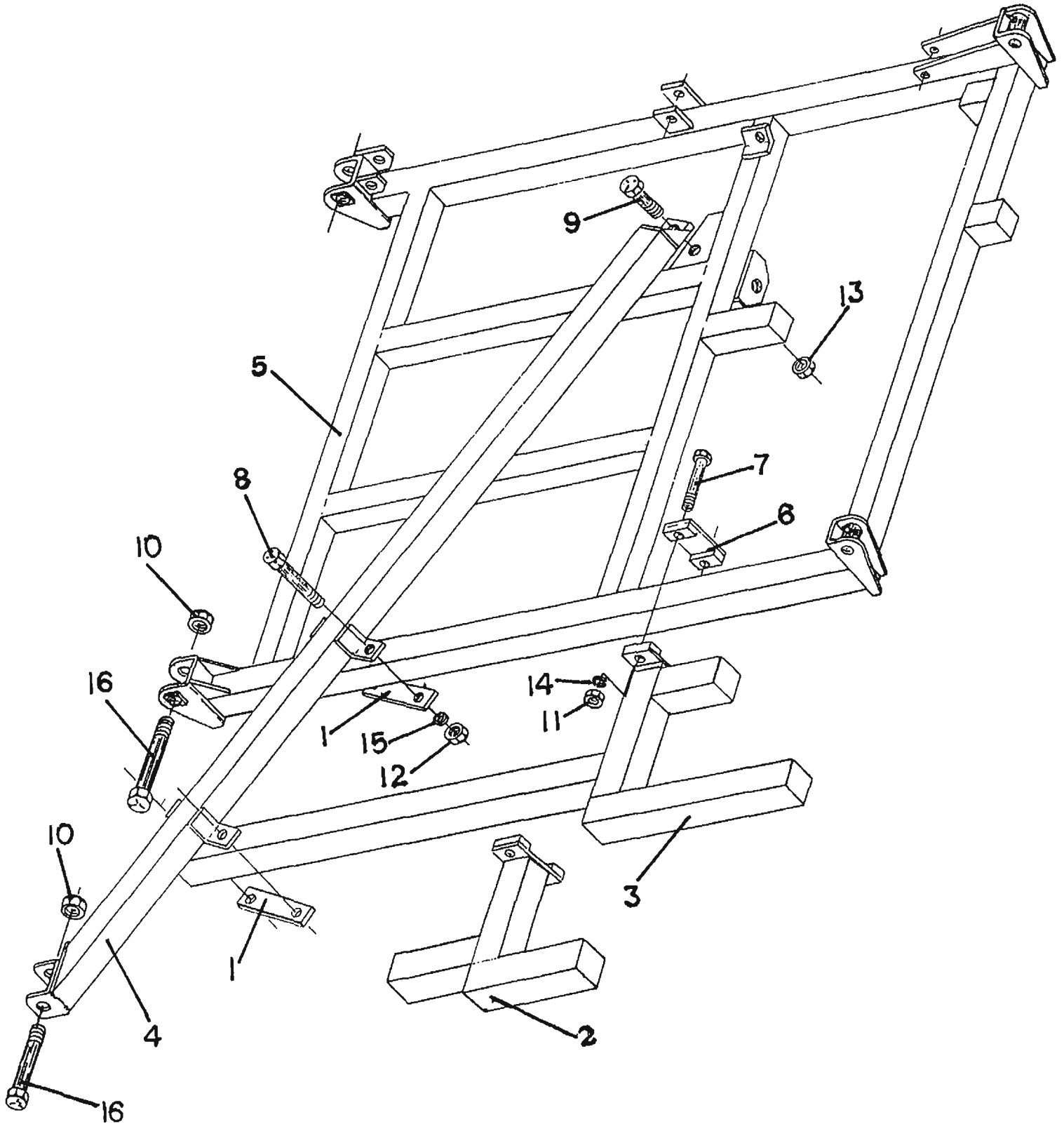
Center frame, Tongue, Cross tongue & Forward shank mount



Center frame, Tongue, Cross tongue & Forward shank mount

Key	Part No.	Description
1	0101-037	Hydraulic hose mast assembly
2	0106-211	Hydraulic hose mast
3	0201-065	Rear stand, 42-1/2"
4	0206-031	Clamp plate, 4-3/4" span, W/ 3/4" holes
5	0400-062	Rear stand adjustment bracket
6	0400-082	Forward shank mount, center frame
7	0400-955	Mount plate
8	0403-004	Tongue, right side
9	0403-005	Tongue, left side
10	0403-020	Cross tongue
11	0403-035	Center frame, 12 ft.
12	0403-296	Tongue brace plate
13	0400-085	8"- 90 degree, bolt on shank mount.
14	0410-079	Base plate
15	5919-900	Tongue pull eye
16	6329-005	Tongue jack, agricultural
17	7114-055	Cap screw, 5/8"NC x 5-1/2"
18	7114-109	Cap screw, 5/8"NC x 2"
19	7115-076	Cap screw, 3/4"NC x 6"
20	7116-030	Cap screw, 1"NC x 3"
21	7717-255	Hex Nylock nut, 1-1/4"NC
22	7723-015	Hex lock nut, 1/2"NC
23	7724-005	Hex nut, 5/8"NC
24	7724-120	Hex lock nut, 5/8"NC
25	7725-002	Hex nut, 3/4"NC
26	7726-012	Hex Nylock nut, 1"NC
27	7844-020	Lock washer, 5/8"
28	7845-020	Lock washer, 3/4"
29	7896-500	Machine bushing, 1-1/2" x 10 ga. NR
30	7920-006	Lock pin, pull eye
31	7920-012	Snap pin, 1/2" x 4"
32	8036-025	Pin, tongue pull eye, 1-1/2" x 5-1/2"
33	8115-013	Cap screw, 3/4"NC x 14-1/2"
34	8116-006	Bolt, 1-1/4"NC x 10-1/2", W/ Nylock nut

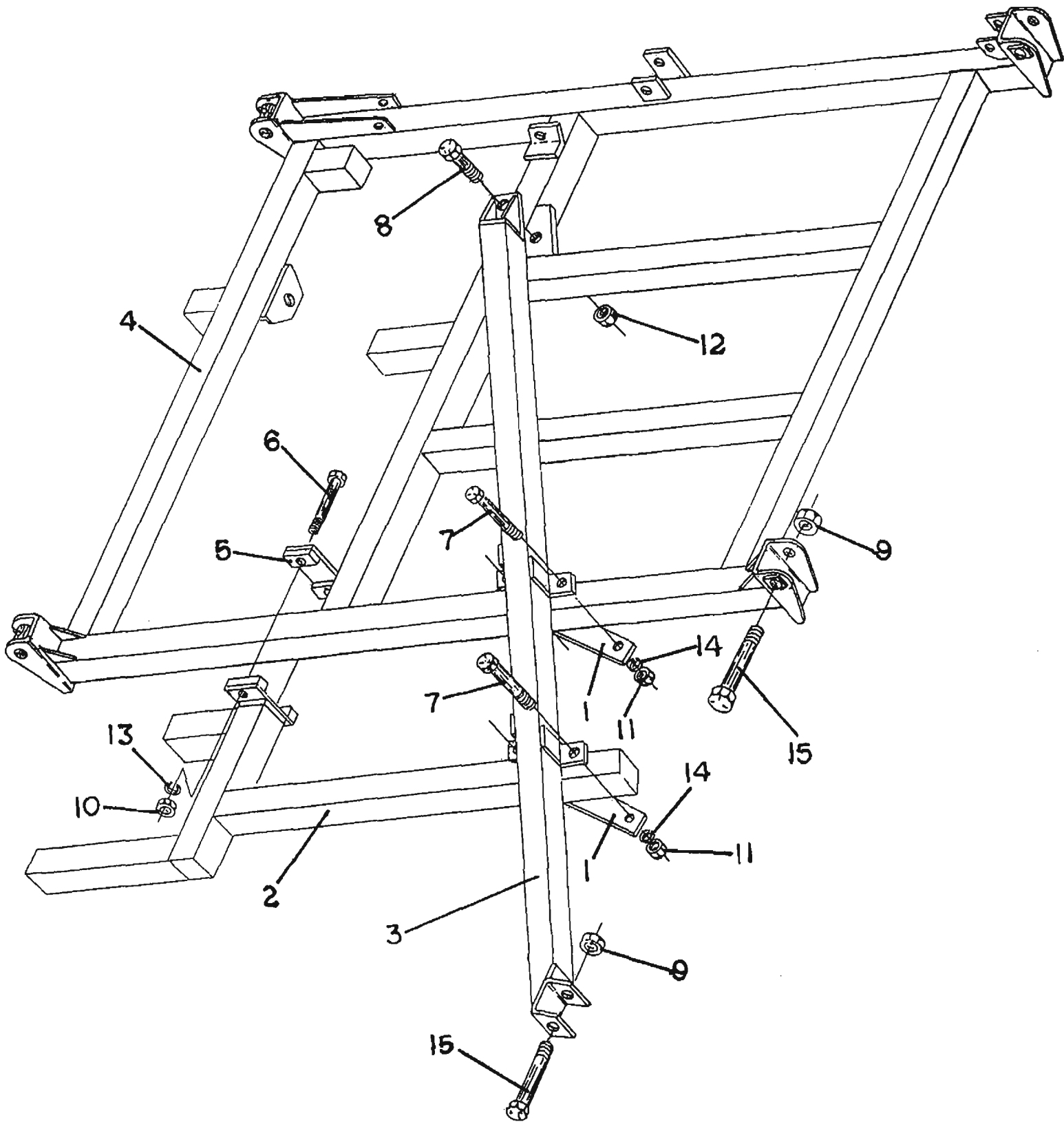
Inner wing frame, Left, Wing pull & Forward shank mount



Inner wing frame, Left, Wing pull & Forward shank mount

Key	Part No.	Description
1	0216-058	Mount plate.
2	0400-065	Shank mount "T" type. Prior to 2008.
3	0400-083	Forward shank mount, 9-1/2 FT. frame.
	0400-084	Forward shank mount, 12 FT. frame
4	0403-025	Wing pull, Left, 12 FT. frame
	0403-027	Wing pull, Left, 9-1/2 FT. frame.
5	0403-036	Inner wing frame, Left, 12 FT.
	0403-038	Inner wing frame, Left, 9-1/2 FT.
6	0410-079	Base plate.
7	7114-055	Cap screw, 5/8"NC x 5-1/2".
8	7115-076	Cap screw, 3/4"NC x 6".
9	7116-030	Cap screw, 1"NC x 3".
10	7717-255	Hex Nylock nut, 1-1/4"NC.
11	7724-005	Hex nut, 5/8"NC.
12	7725-002	Hex nut, 3/4"NC.
13	7726-012	Hex lock nut, 1"NC.
14	7844-020	Lock washer, 5/8".
15	7845-020	Lock washer, 3/4".
16	8116-032	Bolt, 1-1/4"NC x 7, W/Nylock nut.

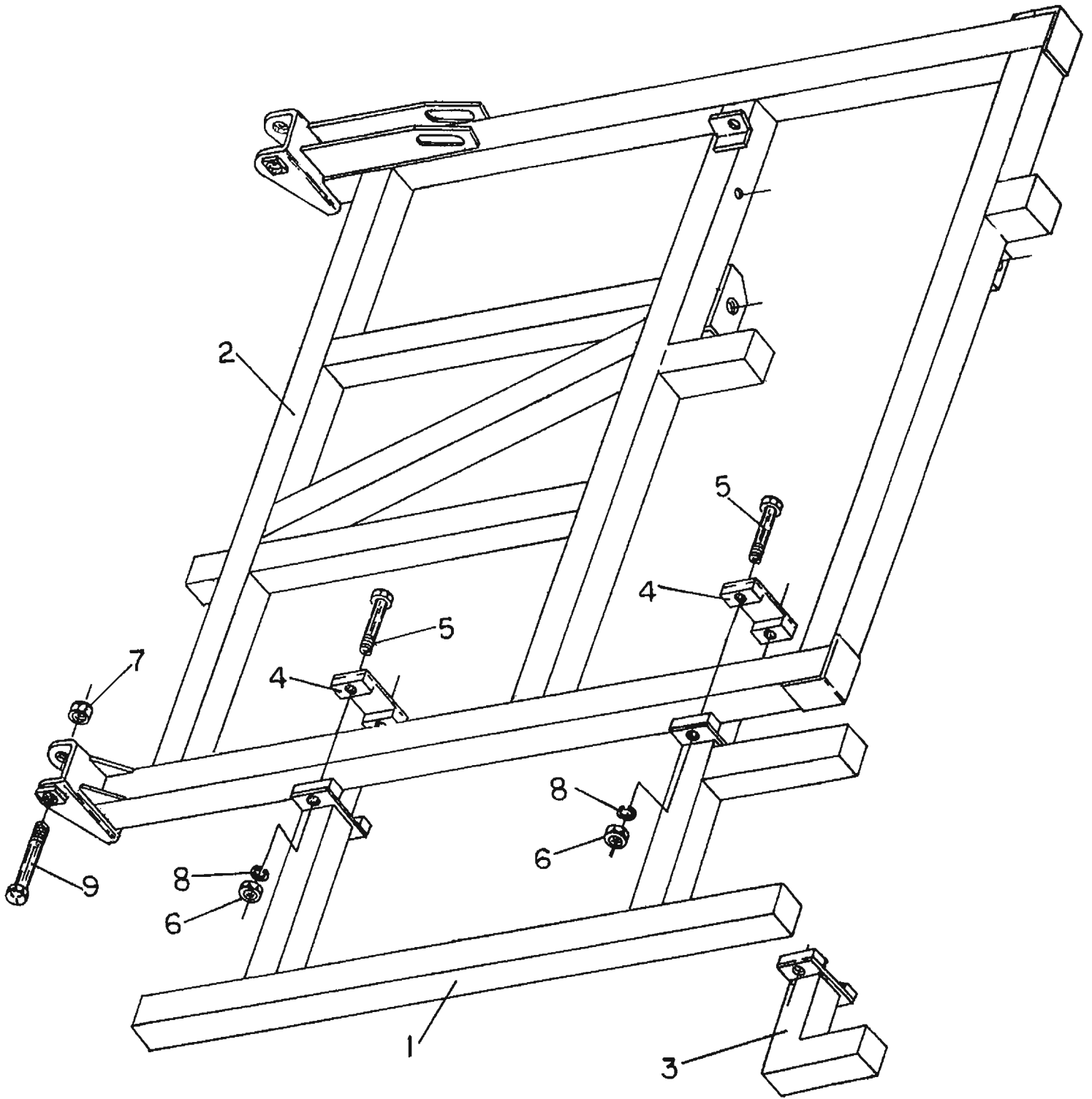
Inner wing frame, Right, Wing pull & Forward shank mount



Inner wing frame, Right, Wing pull & Forward shank mount

Key	Part No.	Description
1	0216-058	Mount plate.
2	0400-083	Forward shank mount, 9-1/2 FT. frame.
	0400-084	Forward shank mount, 12 FT. frame.
3	0403-026	Wing pull, Right, 12 FT. frame.
	0403-028	Wing pull, Right, 9-1/2 FT. frame.
4	0403-037	Inner wing frame, Right, 12 FT.
	0403-039	Inner wing frame, Right, 9-1/2 FT.
5	0410-079	Base plate.
6	7114-055	Cap screw, 5/8"NC x 5-1/2".
7	7115-076	Cap screw, 3/4"NC x 6".
8	7116-030	Cap screw, 1"NC x 3".
9	7717-255	Hex Nylock nut, 1-1/4"NC.
10	7724-005	Hex nut, 5/8"NC.
11	7725-002	Hex nut, 3/4"NC.
12	7726-012	Hex lock nut, 1"NC.
13	7844-020	Lock washer, 5/8".
14	7845-020	Lock washer, 3/4".
15	8116-032	Bolt, 1-1/4"NC x 7", W/Nylock nut.

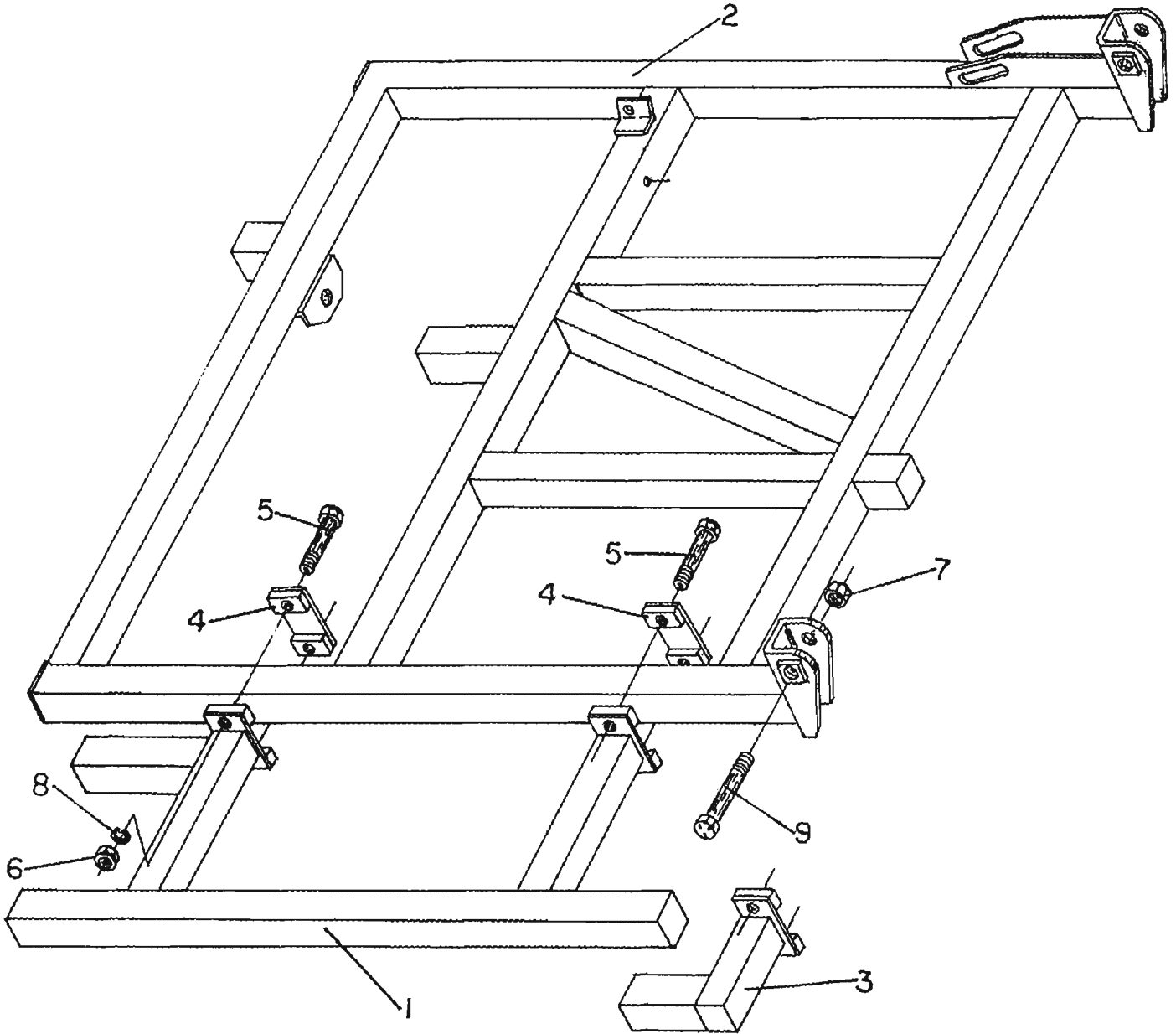
Outer wing frame, Left



Outer wing frame, Left

Key	Part No.	Description
1	0400-087	Forward Shank mount, 66 in.
2	0403-040	Outer wing frame, Left, 7 FT.
3	0410-069	Shank mount, "L" type, Prior to 1988.
4	0410-079	Base plate.
5	7114-055	Cap screw, 5/8"NC x 5-1/2".
6	7724-005	Hex nut, 5/8"NC.
7	7726-012	Hex Nylock nut, 1"NC
8	7844-020	Lock washer, 5/8".
9	8116-046	Bolt, 1"NC x 7-7/8", W/Nylock nut.

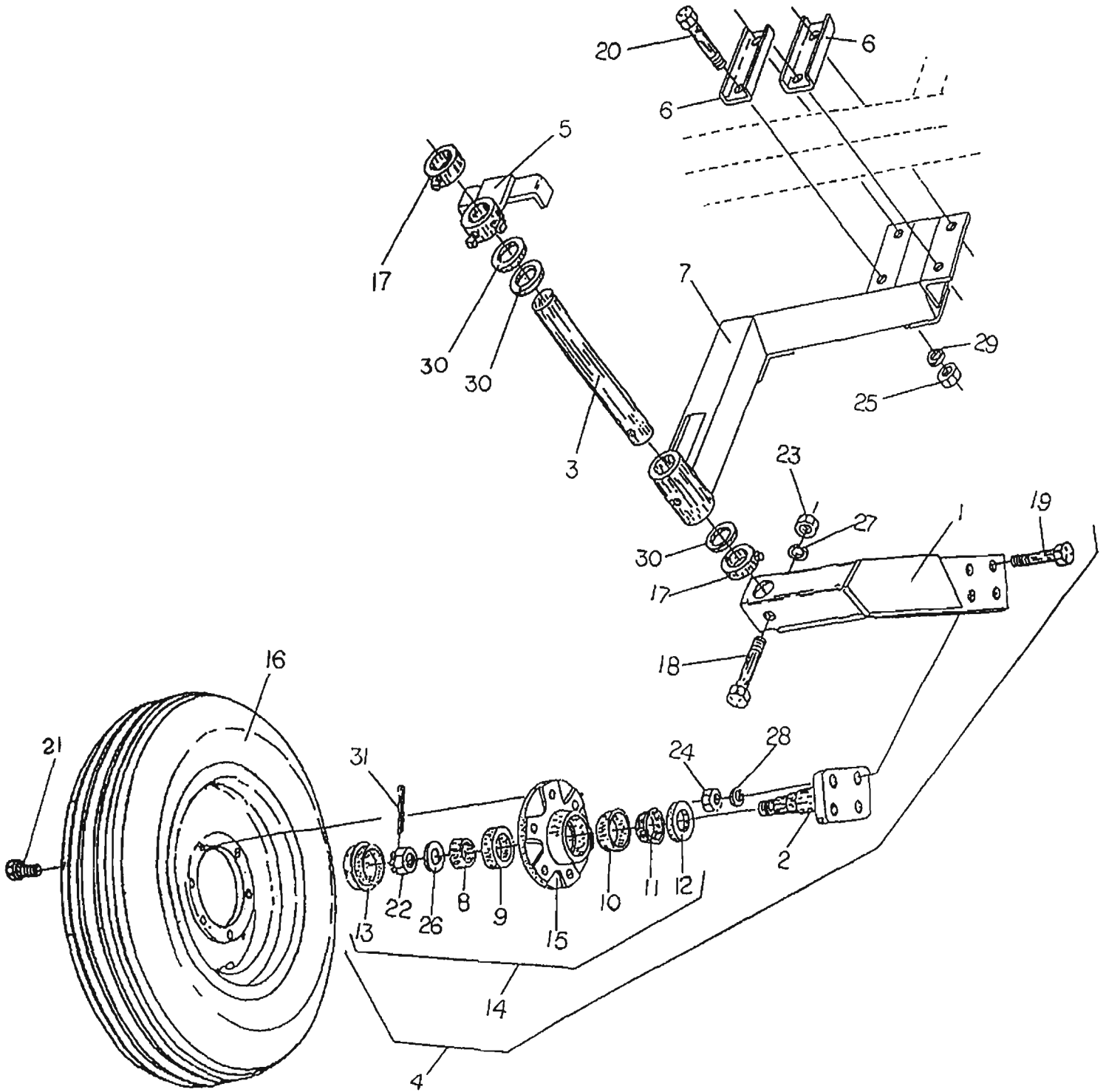
Outer wing frame, Right



Outer wing frame, Right

Key	Part No.	Description
1	0400-087	Forward Shank mount, 66 in.
2	0403-041	Outer wing frame, right, 7ft.
3	0410-069	Shank mount, L type, Prior to 1988.
4	0410-079	Base plate
5	7114-055	Cap screw, 5/8"NC x 5-1/2".
6	7724-005	Hex nut, 5/8"NC
7	7726-012	Hex Nylock nut, 1"NC
8	7844-020	Lock washer, 5/8"
9	8116-046	Bolt, 1"NC x 7-7/8", W/Nylock nut

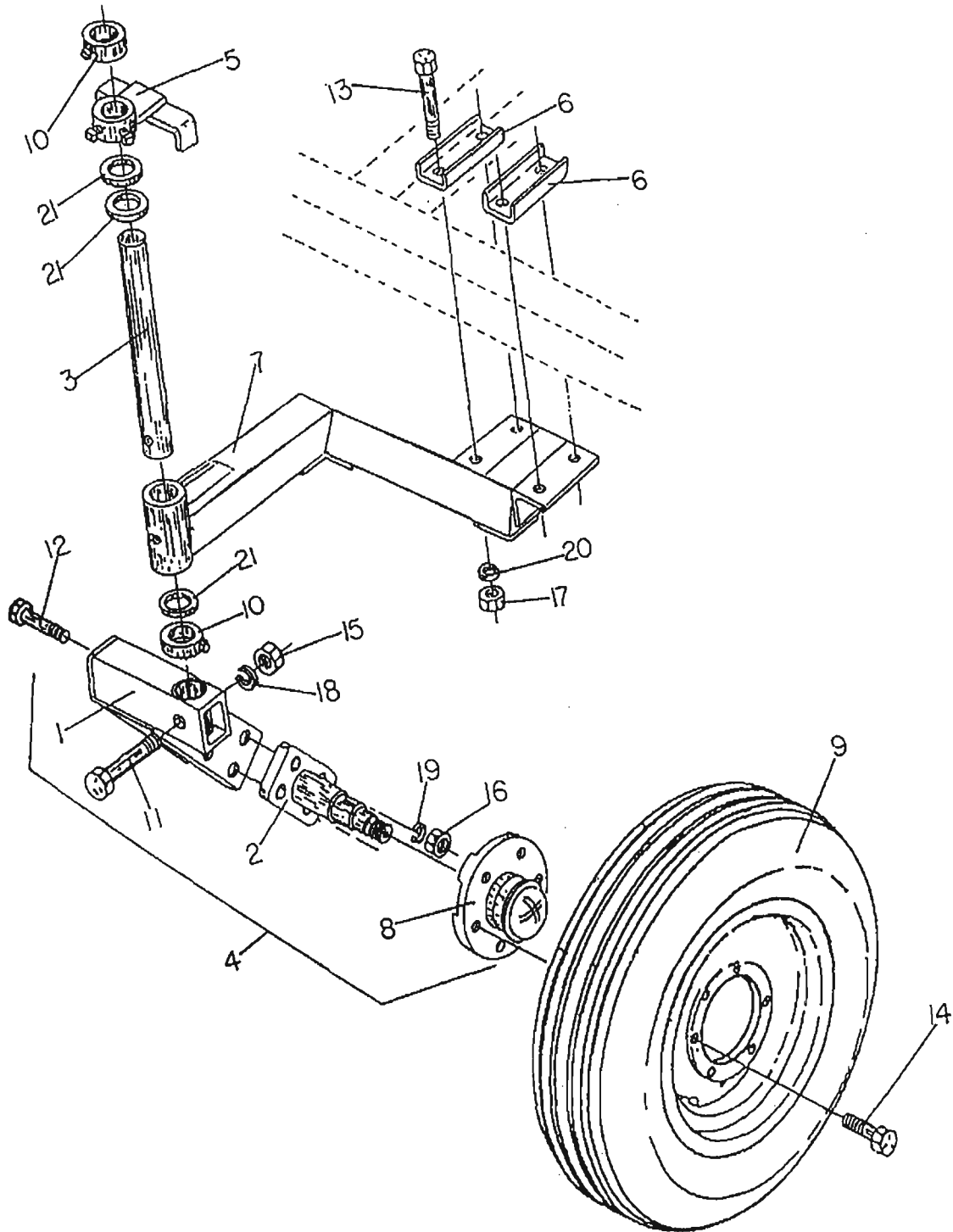
Caster wheel leg assembly, Left [Forward floatation]



Caster wheel leg assembly, Left [Forward floatation]

<u>Key</u>	<u>Part No.</u>	<u>Description</u>
1	CW9-030	Caster Wheel Leg, LH
2	CW9-034	Spindle Platform
3	CW9-045	Shaft, 1-5/8" x 18"
4	CW9-555	Caster Wheel Leg Assembly, LH
5	0200-147	Limit Plate
6	0206-031	Clamp Plate, 4" Span, 3/4" Bolts, Formed
7	0410-118	Depth Wheel Arm
8	5419-113	Outer Bearing
9	5419-118	Outer Cup
10	5419-141	Inner Cup
11	5419-142	Inner Bearing
12	5439-141	Seal
13	5469-006	Dust Cap
14	5619-021	Hub Assembly, 6-Bolt
15	5619-022	Hub, 6 Bolt
16	5639-029	Tire & Wheel, 7.60 x 15, 8 Ply Rib
	5639-421	Wheel, 15 x 6H, 6 bolt
	5649-009	Tire, 7.60 x 15, 8 Ply Ag Ribbed
17	6487-007	Set Collar, 1-11/16"
18	7113-121	Capscrew, 1/2" NC x 3-3/4"
19	7114-030	Capscrew, 5/8" NC x 3-1/2"
20	7115-076	Capscrew, 3/4" NC x 6"
21	7333-006	Lug Bolt, 1/2" x 1"
22	7715-875	Slotted Nut, 7/8" NF
23	7723-015	Hex Nut, 1/2" NC
24	7724-005	Hex Nut, 5/8" NC
25	7725-002	Hex Nut, 3/4" NC
26	7815-014	Flatwasher, 7/8" A-325 Hardened
27	7843-015	Lockwasher, 1/2"
28	7844-020	Lockwasher, 5/8"
29	7845-020	Lockwasher, 3/4"
30	7897-015	Machine Bushing, 1-5/8" 10GA NR
31	7910-162	Cotter Pin, 5/32 x 1-1/2"

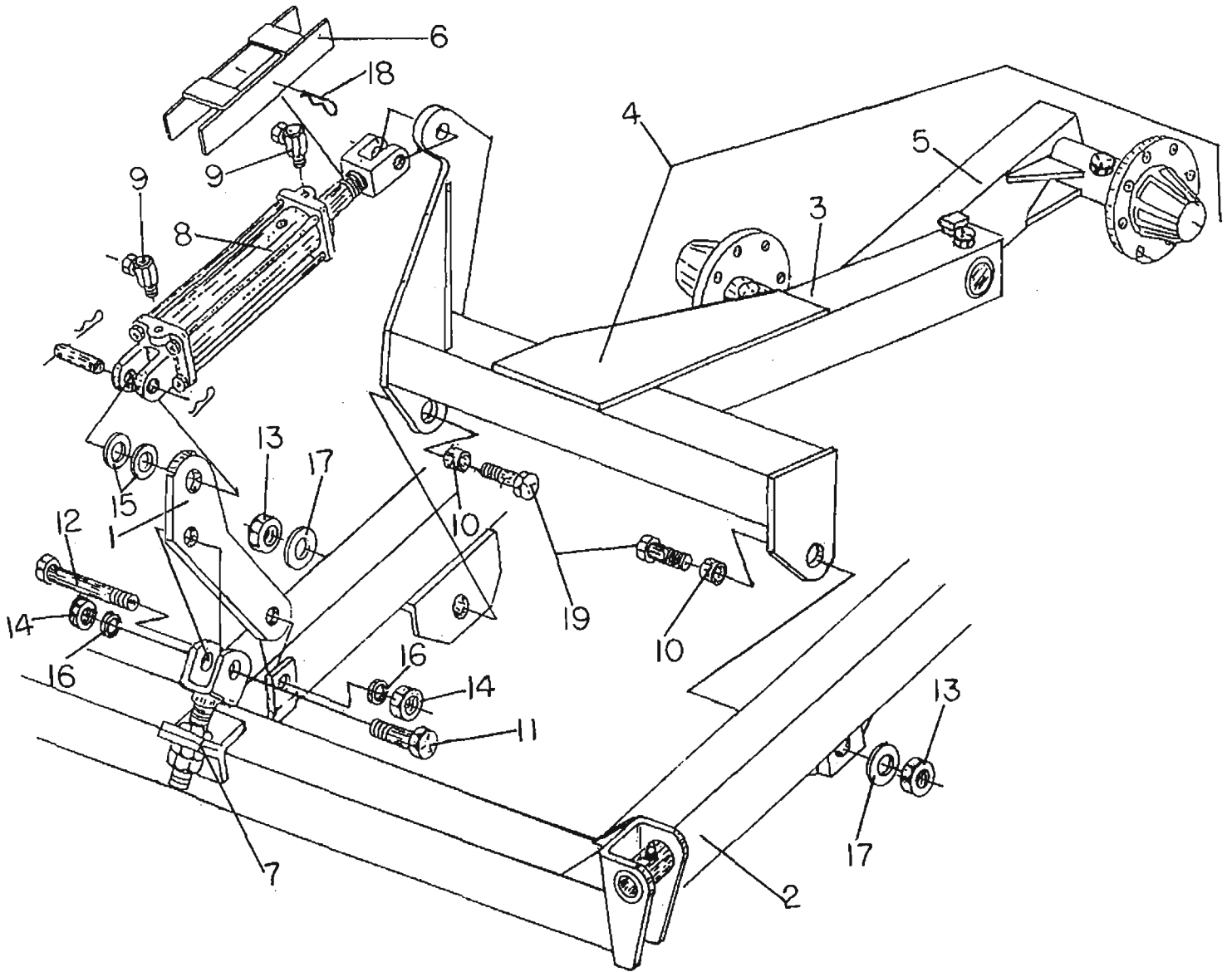
Caster wheel leg assembly, Right [Forward floatation]



Caster wheel leg assembly, Right [Forward floatation]

<u>Key</u>	<u>Part No.</u>	<u>Description</u>
1	CW9-031	Caster Wheel Leg, RH
2	CW9-034	Spindle Platform
3	CW9-045	Shaft, 1-5/8" x 18"
4	CW9-556	Caster Wheel Leg Assembly, RH
5	0200-147	Limit Plate
6	0206-031	Clamp Plate, 4" Span, 3/4" Bolts, Formed
7	0410-118	Depth Wheel Arm
8	5619-021	Hub Assembly, 6 Bolt
9	5639-029	Tire & Wheel, 7.60 x 15, 8 Ply Rib
	5639-421	Wheel, 15 x 6H, 6 bolt
	5649-009	Tire, 7.60 x 15, 8 Ply Ag Ribbed
10	6487-007	Set Collar, 1-11/16"
11	7113-121	Capscrew, 1/2" NC x 3-3/4"
12	7114-030	Capscrew, 5/8" NC x 3-1/2"
13	7115-076	Capscrew, 3/4" NC x 6"
14	7333-006	Lug Bolt, 1/2" NF x 1"
15	7723-015	Hex Nut, 1/2" NC
16	7724-005	Hex Nut, 5/8" NC
17	7725-002	Hex Nut, 3/4" NC
18	7843-015	Lockwasher, 1/2"
19	7844-020	Lockwasher, 5/8"
20	7845-020	Lockwasher, 3/4"
21	7897-015	Machine Bushing, 1-5/8" 10GA NR

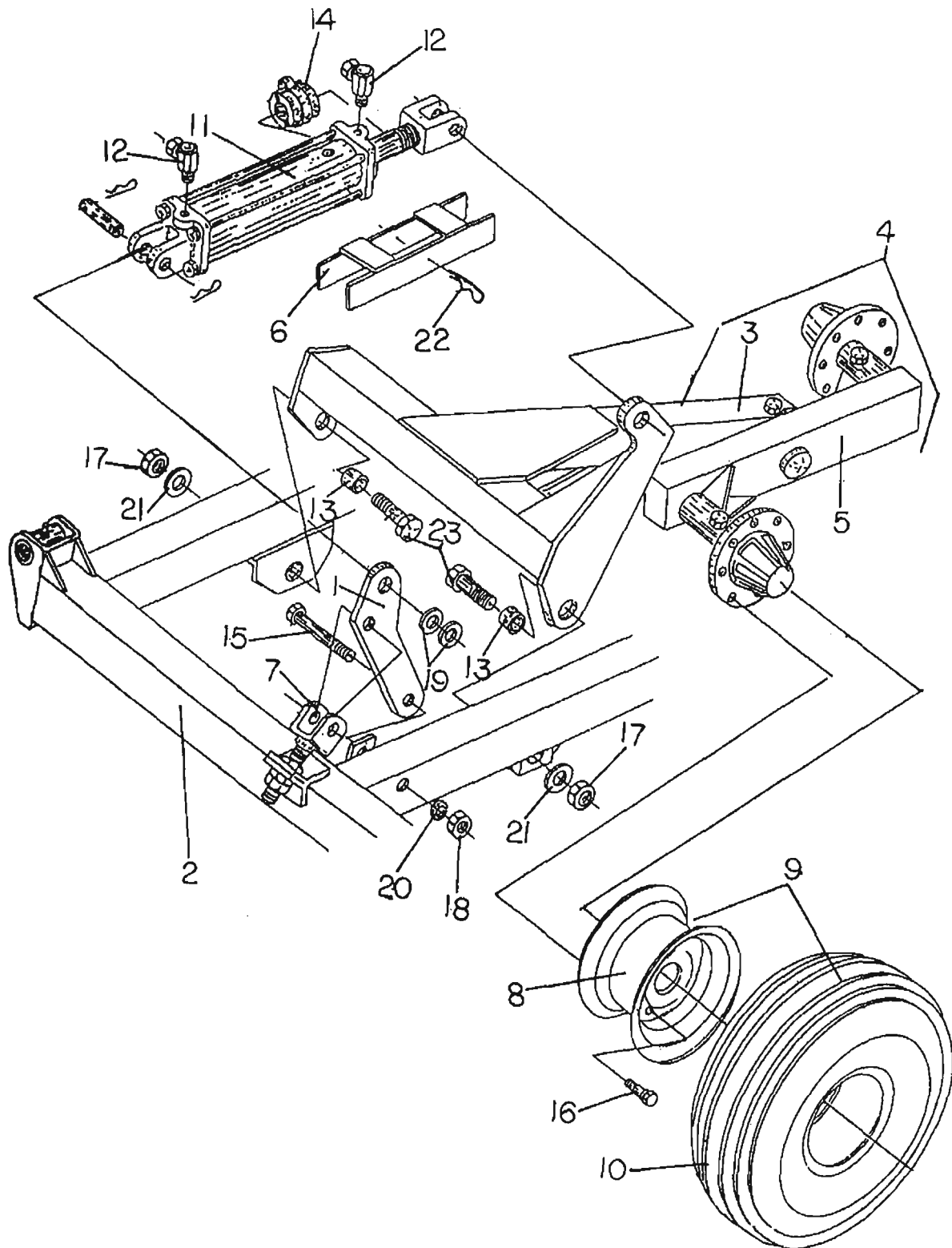
Tandem wheel leg assembly, Center frame, Left 8 Bolt Hubs



Tandem wheel leg assembly, Center frame, Left 8 Bolt Hubs

Key	Part No.	Description
1	0400-025	Pivot arm
2	0403-035	Center frame
3	0403-052	Center frame wheel leg, left, W/O Spindle.
4	0403-385	Center frame wheel leg, left, W/Walking beam
5	0403-400	Center frame walking beam assembly W/Hubs and Spindles, left.
	0400-040	Center frame walking beam W/O Hubs & Spindles.
6	0410-103	Cylinder lock, used on Center frame cylinders only. 5818-060 and 5818-061
7	0410-581	Adjustable linkage assembly.
8	5818-060	Hydraulic cylinder, 4-3/4 x 8, AB1238.
9	5846-095	1/2" O-Ring 90 degree swivel union.
10	6136-675	Bushing, 1.75" OD x 1.531" ID x 1.438".
11	7115-025	Cap screw, 3/4"NC x 2-1/2".
12	7115-050	Cap screw, 3/4"NC x 5".
13	7717-555	Hex Nylock nut, 1-1/2"NC.
14	7725-002	Hex nut, 3/4"NC.
15	7816-020	Cut washer, 1", Pivot link. [position inboard toward center line]
16	7845-020	Lockwasher, 3/4".
17	7896-500	Maching bushing, 1-1/2" x 10 Ga. NR.
18	7920-002	Hitch pin, #8, cylinder lock.
19	8116-803	Bolt, 1-1/2"NC x 4-1/8", W/7717-555 Nylock nut.

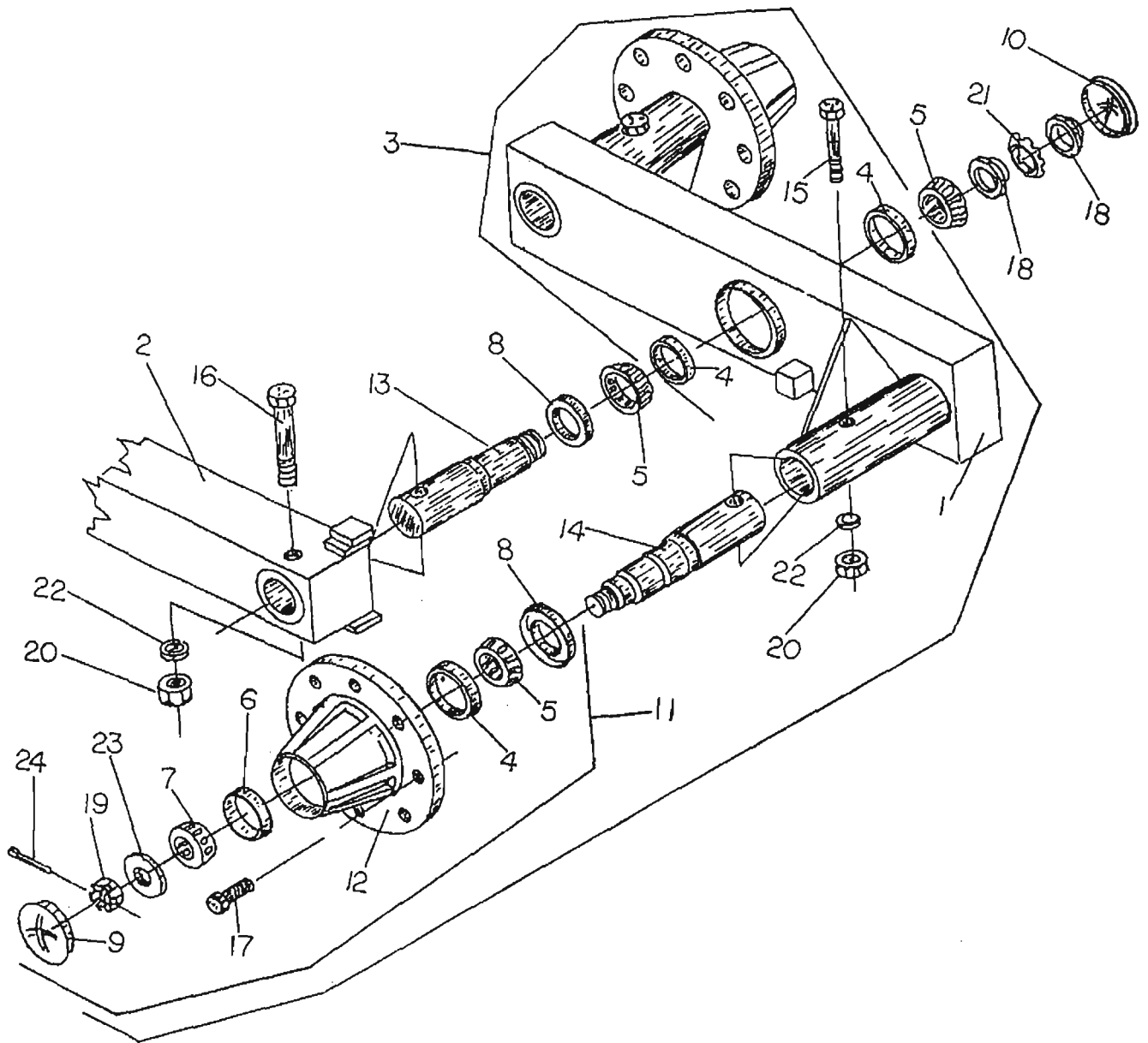
Tandem wheel leg assembly, Center frame, Right 8 Bolt Hubs



Tandem wheel leg assembly, Center frame, Right 8 Bolt Hubs

Key	Part No.	Description
1	0400-025	Pivot arm
2	0403-035	Center frame, [CF].
3	0403-053	CF Wheel leg, Right, W/O Spindle.
4	0403-390	CF Wheel leg assembly, Right, W/Walking beam.
5	0403-395	CF Walking beam assembly, Right, W/Hubs.
	0400-041	CF Walking beam, Right, W/5419-122 Races.
6	0410-103	Cylinder lock, used on 5818-061 and 5818-060 CF Hydraulic cylinders.
7	0410-581	Adjustable linkage assembly.
8	5639-426	Wheel, 15x8, 8 Bolt hub.
9	5639-584	Tire mounted, 5639-426 Wheel W/5649-062 tire.
	5639-589	Tire mounted, 5639-426 Wheel W/5649-503 tire.
10	5649-062	Tire, 9.5L x 15, 8 Ply, Ribbed implement.
	5649-503	Tire, 11L x 15, 8 Ply, Ribbed implement.
11	5818-061	Hydraulic cylinder, [AB1232] 5x8 CF Right.
12	5846-095	1/2" O-Ring 90 degree Swivel union.
13	6136-675	Bushing, 1.75" OD x 1.531" ID x 1.438".
14	6899-402	Medium size A Depth stop kit, 5 sizes 1" thru 2", use W/rod diameter 1" thru 1.5".
	6899-502	Large size B Depth stop kit, 5 sizes 1" thru 2", Use W/rod diameter 1" thru 2".
15	7115-050	Cap screw, 3/4"NC x 5".
16	7333-009	Bevel head Lug bolt, 9/16"NF x 1-1/4".
17	7717-555	Hex Nylock nut, 1-1/2"NC.
18	7725-002	Hex nut, 3/4NC.
19	7816-020	Cut washers, pivot link, 1". Position inboard toward center line.
20	7845-020	Lock washer, 3/4".
21	7896-500	Machine bushing, 1-1/2" x 10 ga. NR
22	7920-002	Hitch pin #8, cylinder lock.
23	8116-803	Bolt, 1-1/2"NC x 4-1/8", W/7717-555 Nylock nut.

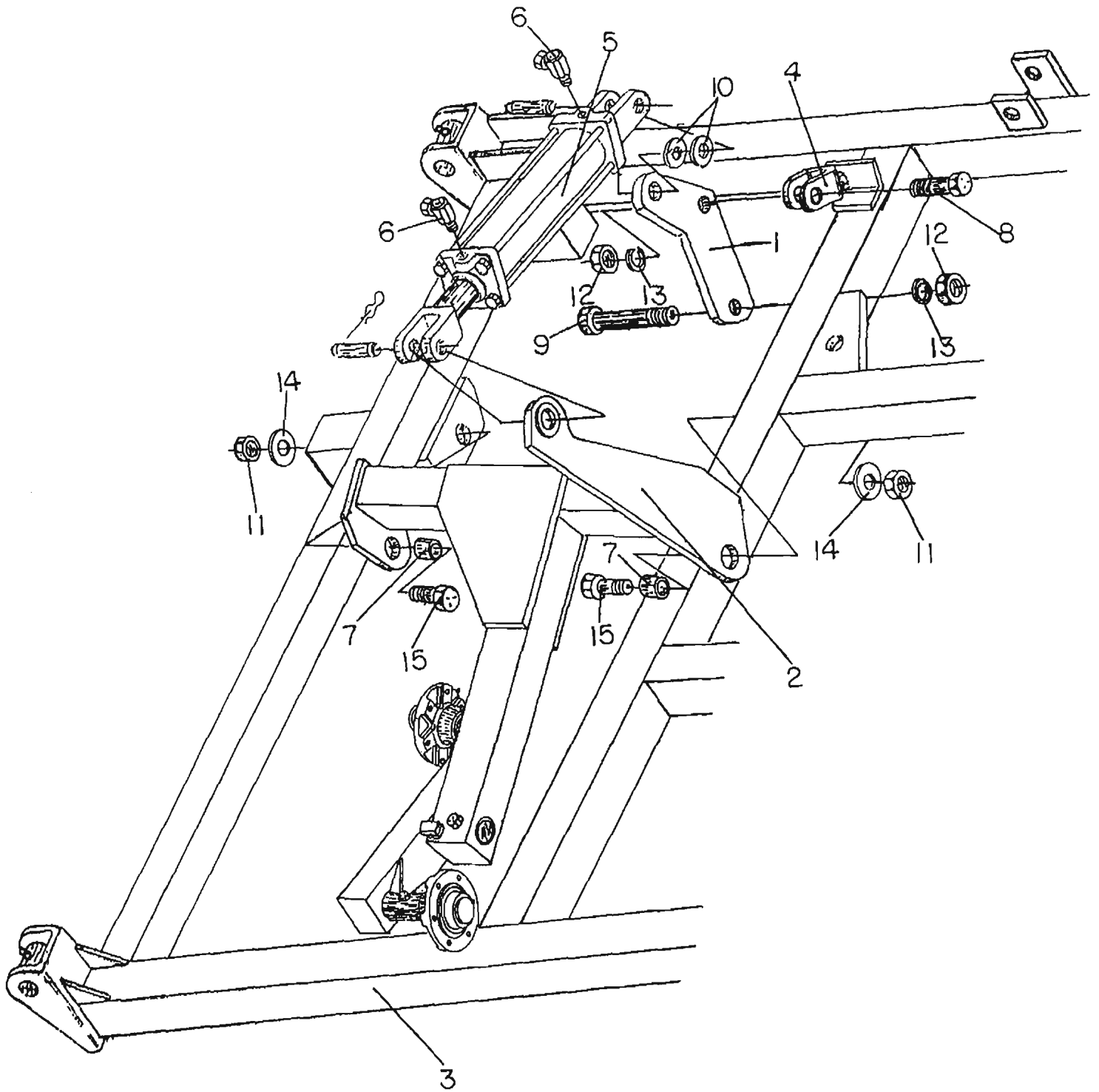
Wheel leg Walking beam assembly, Center frame, 8 Bolt Hubs



Wheel leg Walking beam assembly, Center frame,
8 Bolt Hubs

Key	Part No.	Description
1	0400-040	CF Walking beam, W/O Hubs & Spindles, Left.
	0400-041	CF Walking beam, W/O Hubs & Spindles, Right.
2	0403-052	CF Wheel leg, W/O Spindle, Left.
	0403-053	CF Wheel leg, W/O Spindle, Right.
3	0403-395	CF Walking beam assembly, Right.
	0403-400	CF Walking beam assembly, Left.
4	5419-122	Race
5	5419-152	Bearing
6	5419-153	Race
7	5419-154	Bearing
8	5439-151	Seal
9	5469-013	Dust cap
10	6469-020	Dust cap
11	5619-025	8 Bolt hub assembly
12	5619-026	8 Bolt hub
13	6628-016	Spindle, wheel leg
14	6628-017	Spindle, walking beam
15	7114-040	Cap screw, 5/8"NC x 4"
16	7114-050	Cap screw, 5/8"NC x 5"
17	7333-009	Lug bolt, 9/16"NF x 1 1/4"
18	7707-001	Lock nut, N-08
19	7715-875	Slotted nut
20	7724-005	Hex nut, 5/8"NC
21	7807-001	Ear washer, W-08
22	7844-020	Lock washer, 5/8"
23	7815-025	Flat washer, 7/8"
24	7910-162	Cotter pin, 5/32" x 1 1/2"

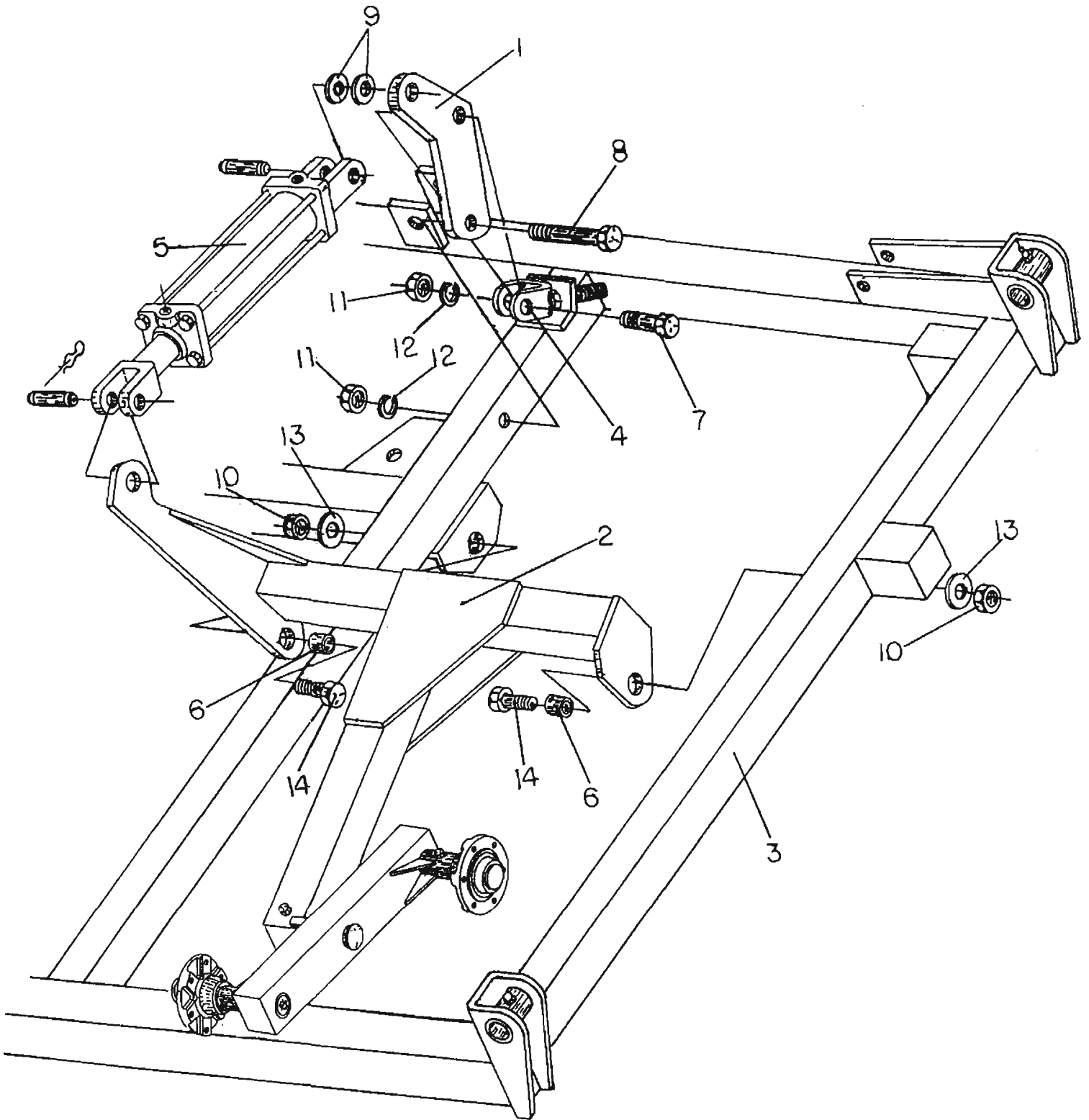
Tandem wheel leg assembly, Inner wing, Right



Tandem wheel leg assembly, Inner wing, Right 6Bolt Hubs

Key	Part No.	Description
1	0400-025	Pivot arm.
2	0400-549	Wheel leg assembly, Right, W/walking beam & 6 bolt hubs
3	0403-037	Inner wing frame, Right, 12 FT.
	0403-039	Inner wing frame, Right, 9-1/2 FT.
4	0410-581	Adjustable link assembly.
5	5818-057	Hydraulic cylinder, 3-3/4 x 8, [AB1256].
6	5846-095	1/2" 90 degree O-Ring swivel union.
7	6136-627	Bushing, 1-1/2"OD x 1-9/32"ID x 7/16".
8	7115-025	Cap screw, 3/4"NC x 2-1/2".
9	7115-050	Cap screw, 3/4"NC x 5".
10	7816-020	Cut washer, 1", Pivot link. Locate inboard toward the center line.
11	7717-255	Hex locknut, 1-1/4"NC.
12	7725-002	Hex nut, 3/4"NC.
13	7845-020	Lock washer, 3/4".
14	7896-250	Machine bushing, 1-1/4" x 10 ga. NR
15	8116-802	Bolt, 1-1/4"NC x 3-1/4".

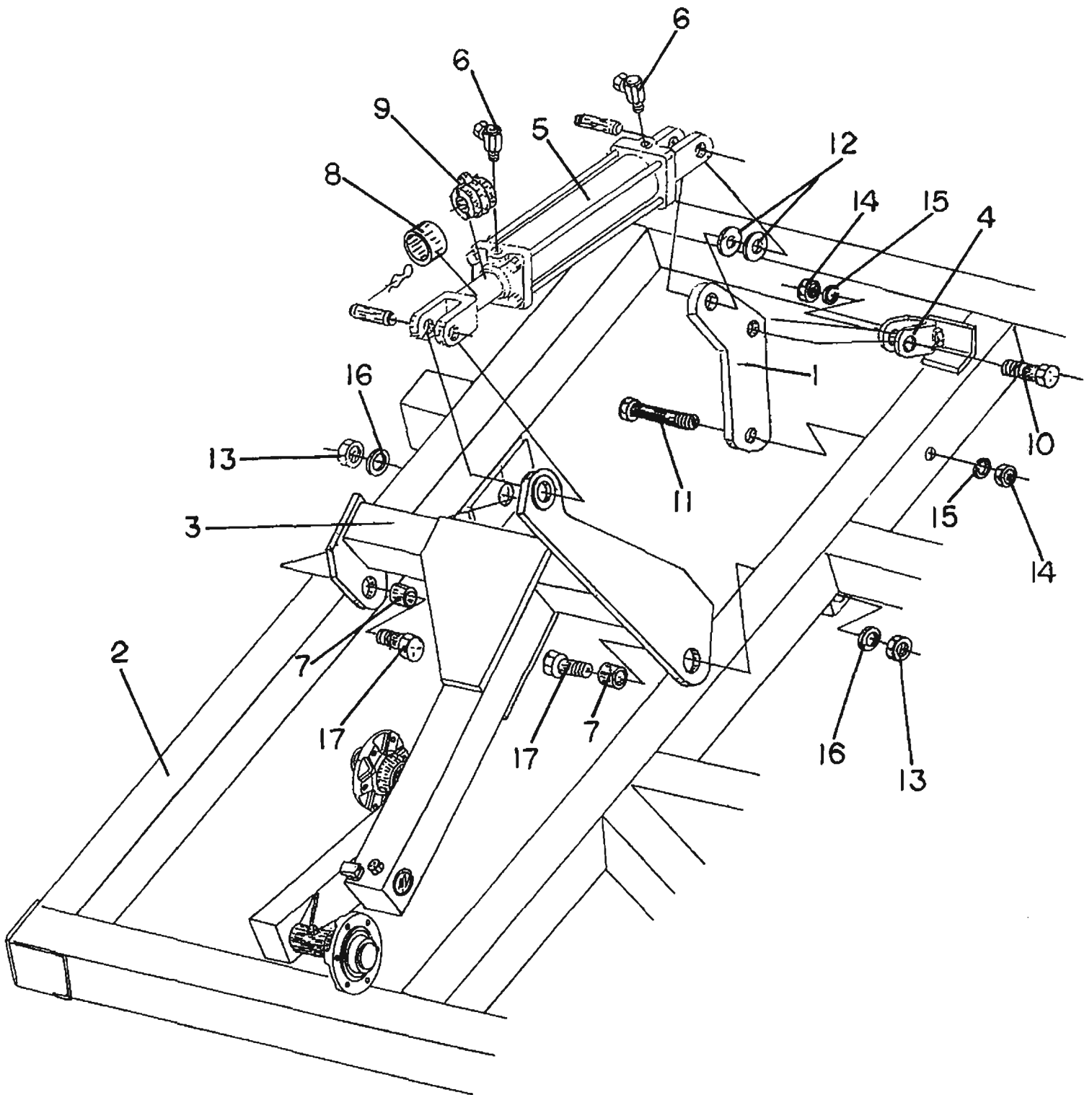
Tandem wheel leg assembly, Inner wing, Left
6 Bolt Hubs



Tandem wheel leg assembly, Inner wing, Left 6 Bolt Hubs

Key	Part No.	Description
1	0400-025	Pivot arm.
2	0400-548	Wheel leg assembly, Left, W/Walking beam & 6 bolt hubs.
3	0403-036	Inner wing frame, Left, 12 FT.
	0403-038	Inner wing frame, Left, 9-1/2 FT.
4	0410-581	Adjustable link assembly.
5	5818-058	Hydraulic cylinder, 4 x 8 [AB1250], 20-1/4 RC.
6	6136-627	Bushing, 1-1/2"OD x 1-9/32"ID x 7/16".
7	7115-025	Cap screw, 3/4"NC x 2-1/2".
8	7115-050	Cap screw, 3/4"NC x 5".
9	7816-020	Cut washers, 1", Pivot link, Locate inboard toward center line.
10	7717-255	Hex Nylock nut, 1-1/4"NC.
11	7725-002	Hex nut, 3/4"NC.
12	7845-020	Lock washer, 3/4".
13	7896-250	Machine bushing, 1-1/4" x 10 ga. NR.
14	8116-802	Bolt, 1-1/4"NC x 3-1/4".

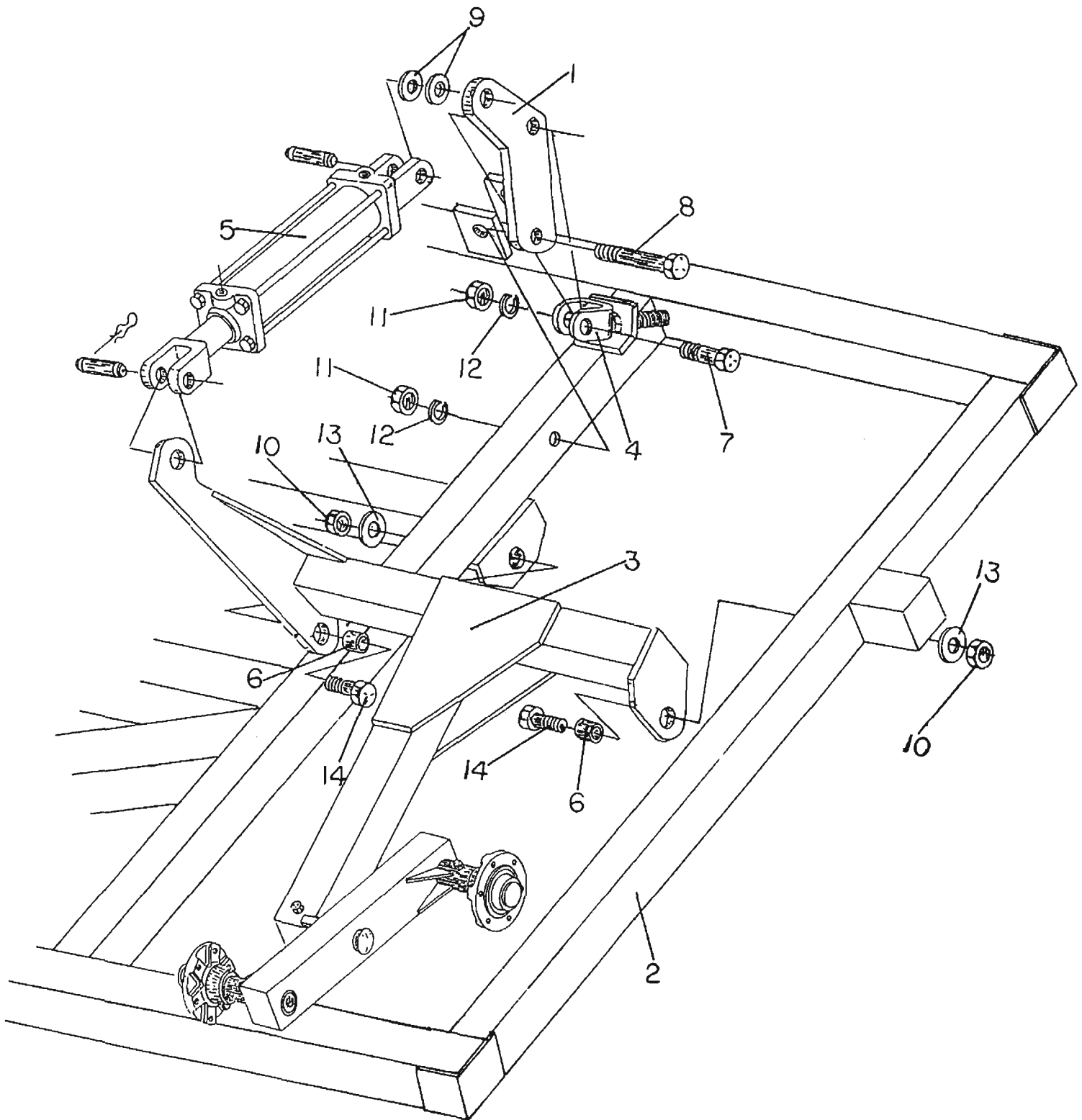
Tandem wheel leg assembly, Outer wing, Right



Tandem wheel leg assembly, Outer wing, Right

Key	Part No.	Description
1	0400-025	Pivot arm.
2	0400-041	Outer wing frame, Right, 7 FT.
3	0403-332	Wheel leg assembly, Right, W/Walking beam & 6 bolt hubs.
4	0410-581	Adjustable link assembly.
5	5818-056	Hydraulic cylinder, 3-1/2 x 8, [AB1262], 20-1/4 RC.
6	5846-095	1/2" 90 degree O-Ring swivel union.
7	6136-627	Bushing, 1-1/2"OD x 1-9/32"ID x 7/16".
8	6146-013	Bushing.
9	6899-402	Medium size A Depth stop kit, 5 sizes 1" thru 2", Use W/rod diameter 1" thru 1.5".
	6899-502	Large size B Depth stop kit, 5 sizes 1" thru 2", Use W/rod diameter 1" thru 2".
10	7115-025	Cap screw, 3/4"NC x 2-1/2".
11	7115-050	Cap screw, 3/4"NC x 5".
12	7816-020	Cut washer, 1" Pivot link. Locate inboard toward center line.
13	7717-255	Hex lock nut, 1-1/4"NC.
14	7725-002	Hex nut, 3/4"NC.
15	7845-020	Lock washer, 3/4".
16	7896-250	Machine bushing, 1-1/4" x 10 ga. NR.
17	8116-802	Bolt, 1-1/4"NC x 3-1/4".

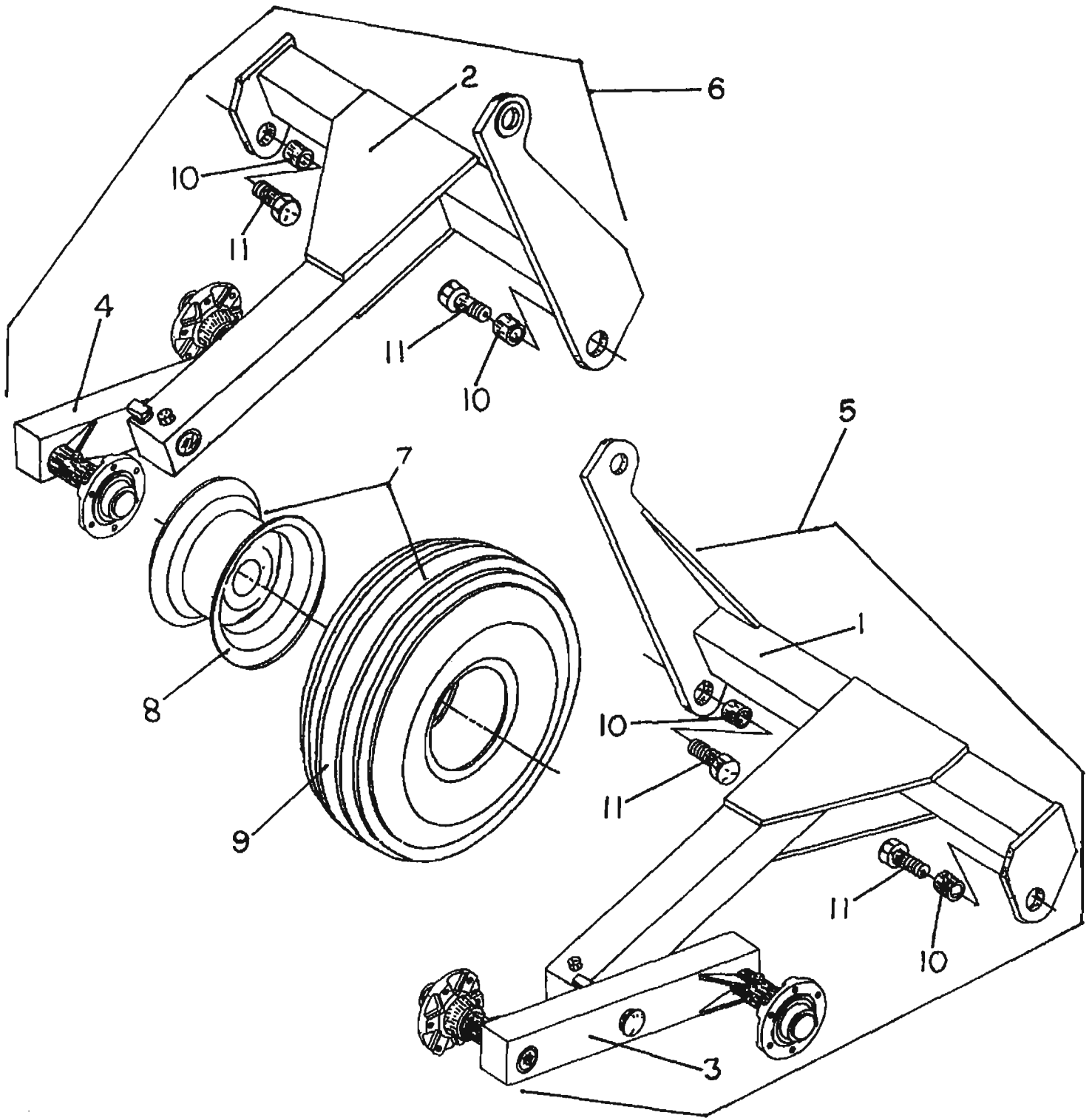
Tandem wheel leg assembly, Outer wing, Left



Tandem wheel leg assembly, Outer wing, Left 6 Bolt Hubs

Key	Part No.	Description
1	0400-025	Pivot arm.
2	0403-040	Outer wing frame, Left, 7 FT.
3	0403-333	Wheel leg assembly, Left W/Walking beam & 6 bolt hubs.
4	0410-581	Adjustable link assembly.
5	5818-059	Hydraulic cylinder, 4-1/2 x 8, [AB1244], 20-1/4" RC.
6	6136-627	Bushing, 1-1/2"OD x 1-9/32"ID x 7/16".
7	7115-025	Cap screw, 3/4"NC x 2-1/2".
8	7115-050	Cap screw, 3/4"NC x 5".
9	7816-020	Cut washers, 1", Pivot link. Locate inboard toward centerline.
10	7717-255	Hex Nylock nut, 1-1/4"NC.
11	7725-002	Hex nut, 3/4"NC.
12	7845-020	Lock washer, 3/4".
13	7896-250	Machine bushing, 1-1/4" x 10 ga. NR.
14	8116-802	Bolt, 1-1/4"NC x 3-1/4".

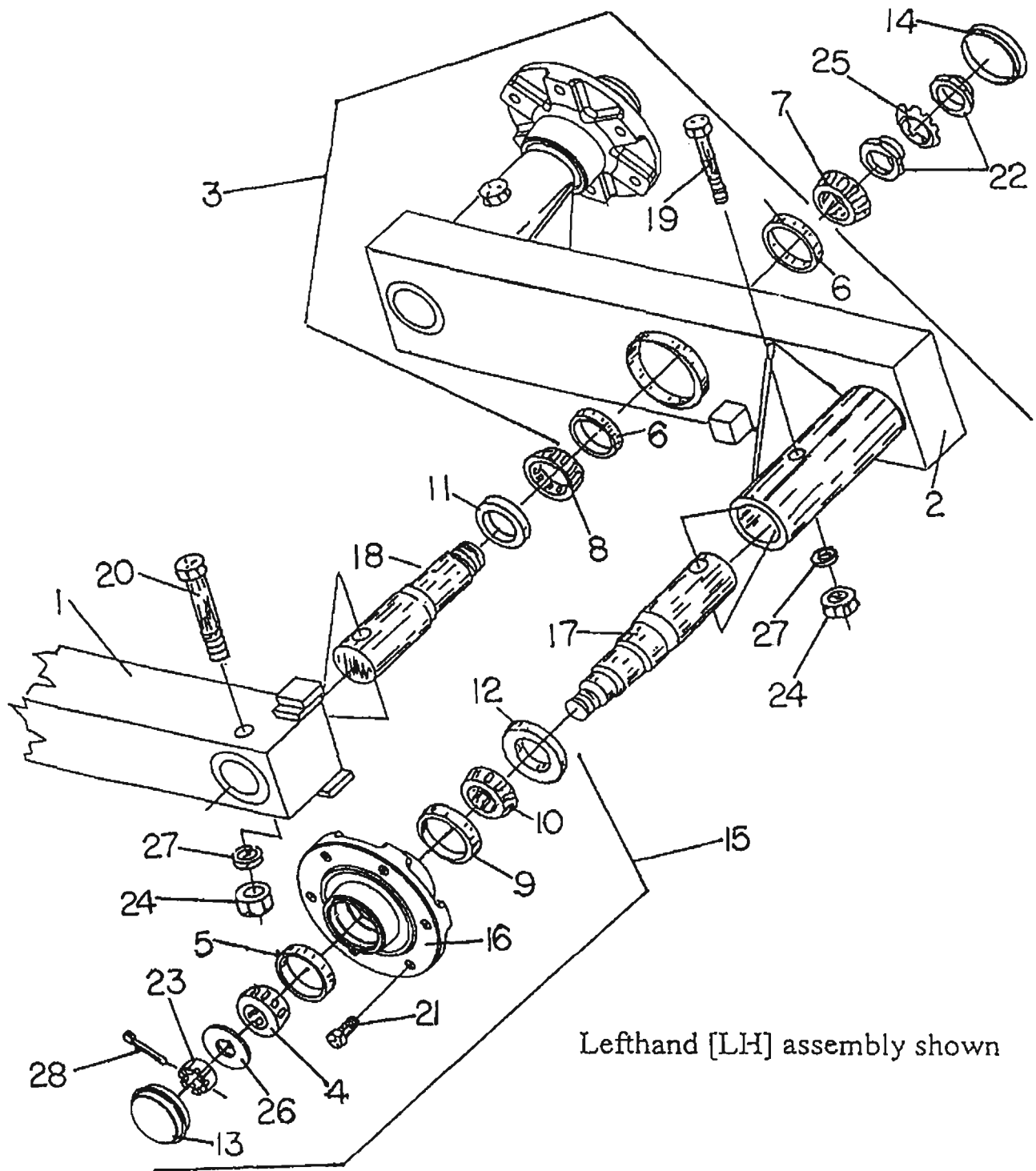
Tandem wheel leg assemblies, Wing frames
6 bolt hubs



Tandem wheel leg assemblies, Wing frames, 6 Bolt Hubs

Key	Part No.	Description
1	0400-048	Tandem wheel leg, W/O Spindle, Inner wing, Left
	0403-050	Tandem wheel leg, W/O Spindle, Outer wing, Left.
2	0400-049	Tandem wheel leg, W/O Spindle, Inner wing, Right.
	0403-051	Tandem wheel leg, W/O Spindle, Outer wing, Right.
3	0400-050	Walking beam assembly, Inner wing, Left
	0400-551	Walking beam frame only, Inner wing, Left.
	0403-350	Walking beam assembly, Outer wing, Left.
	0403-063	Walking beam frame only, Outer wing, Left.
4	0400-051	Walking beam assembly, Inner wing, Right.
	0400-552	Walking beam frame only, Inner wing, Right
	0403-351	Walking beam assembly, Outer wing, Right.
	0403-064	Walking beam frame only, Outer wing, Right.
5	0400-548	Tandem wheel leg assembly, W/Walking beam, Inner Wing, Left
	0403-333	Tandem wheel leg assembly, W/Walking beam, Outer Wing, Left.
6	0400-549	Tandem wheel leg assembly, W/Walking beam, Inner Wing, Right.
	0403-332	Tandem wheel leg assembly, W/Walking beam, Outer Wing, Right.
7	5639-026	Mounted tire, 7.60x15, 6 ply. Ribbed Impl. Outer wheel Legs.
	5639-583	Mounted tire, 9.5Lx15, 6 ply. Ribbed Impl. Inner wheel Legs
	5639-588	Mounted tire, 11Lx15, 6 ply. Ribbed Impl. Inner wheel Legs.
8	5639-421	Wheel rim, 15 x 6H, F/6, 6 Bolt Hub.
9	5649-009	Tire, 7.60x15,6ply Rib Impl.
	5649-060	Tire, 9.5Lx15, 6ply, Rib Impl.
	5649-504	Tire, 11Lx15, 6ply, Rib Impl.
10	6136-627	Bushing, 1-1/2"OD x 1-9/32"ID x 7/16".
11	8116-802	Bolt, 1-1/4"NC x 3-1/4".

Tandem wheel legs, Walking beams, Hubs & Spindles 6 Bolt Hubs

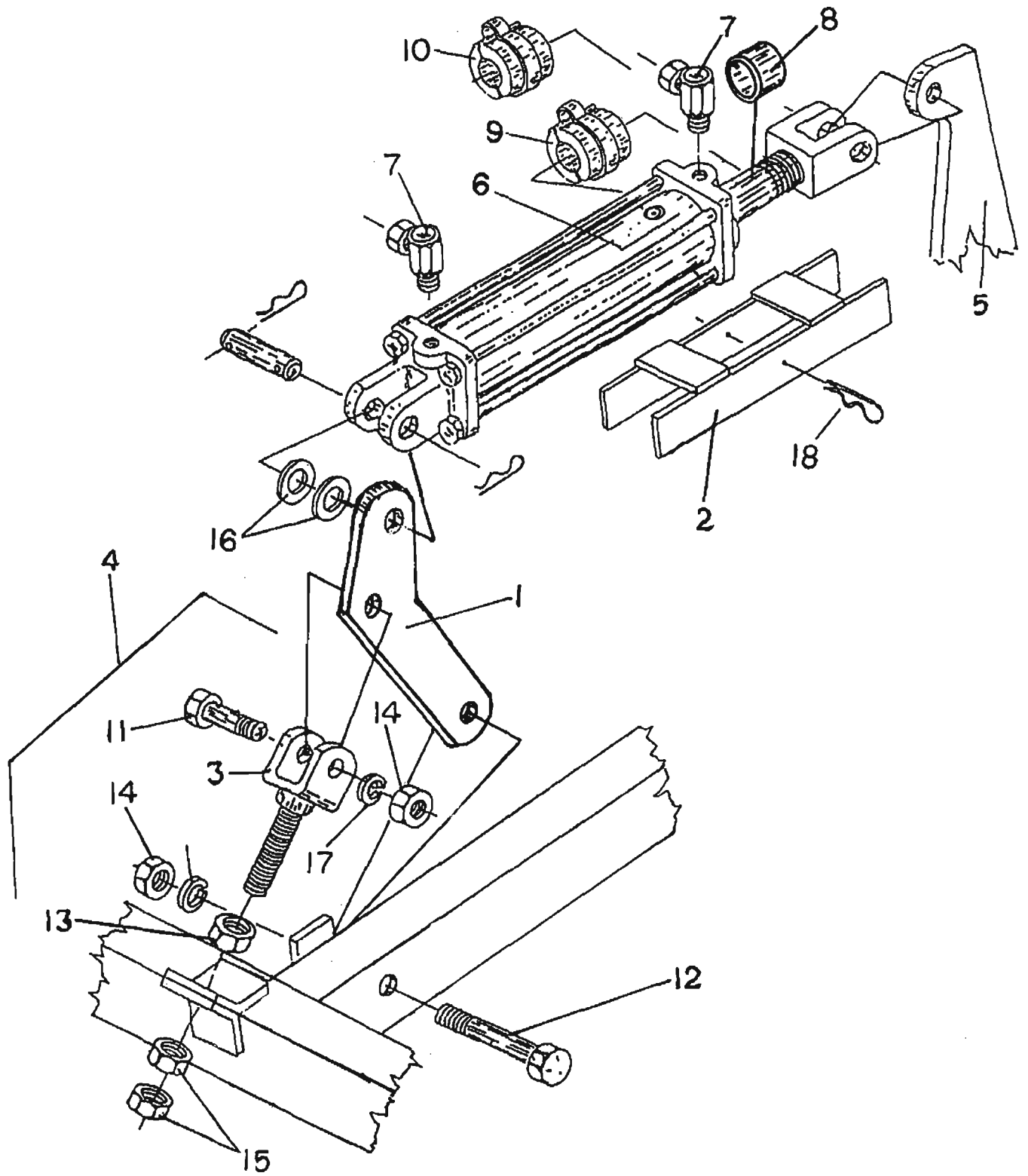


Tandem wheel legs, Walking beams, Hubs & Spindles

6 Bolt Hubs

Key	Part No.	Description
1	0400-048	Tandem wheel leg, W/O Spindle, Inner wing, Left.
	0400-049	Tandem wheel leg, W/O Spindle, Inner wing, Right.
	0403-050	Tandem wheel leg, W/O Spindle, Outer wing, Left
	0403-051	Tandem wheel leg, W/O Spindle, Outer wing, Right.
2	0400-551	Walking beam W/5419-125 Cup, Inner wing, Left.
	0400-552	Walking beam W/5419-125 Cup, Inner wing, Right.
	0403-063	Walking beam W/5419-125 Cup, Outer wing, Left.
	0403-064	Walking beam W/5419-125 Cup, Outer wing, Right
3	0400-050	Walking beam assembly, Inner wing, Left.
	0400-051	Walking beam assembly, Inner wing, Right.
	0403-350	Walking beam assembly, Outer wing, Left.
	0403-351	Walking beam assembly, Outer wing, Right.
4	5419-113	Bearing, outer
5	5419-118	Cup, outer
6	5419-125	Cup, bearing race
7	5419-126	Bearing
8	5419-127	Bearing
9	5419-141	Cup, inner
10	5419-142	Bearing cone, inner
11	5439-020	Seal, wheel leg assembly
12	5439-141	Seal, 6 bolt hub
13	5469-006	Hub cap
14	6469-020	Hub cap
15	5619-021	Hub assembly, 6 bolt
16	5619-022	Hub, 6 bolt
17	5629-001	Spindle, 3650, 2-1/8" butt
18	6628-018	Spindle, walking beam, Inner wing frame
	6628-019	Spindle, walking beam, Outer wing frame.
19	7114-040	Cap screw, 5/8"NC x 4"
20	7114-050	Cap screw, 5/8"NC x 5"
21	7333-006	Lug bolt, 1/2"NF x 1"
22	7707-001	Lock nut, N-08
23	7715-875	Slotted nut, 7/8"NF
24	7724-005	Hex nut, 5/8"NC
25	7807-001	Ear washer, W-08
26	7815-014	Flat washer, 7/8" A-325 hardened
27	7844-020	Lock washer, 5/8"
28	7910-162	Cotter pin, 5/32" x 1 1/2"

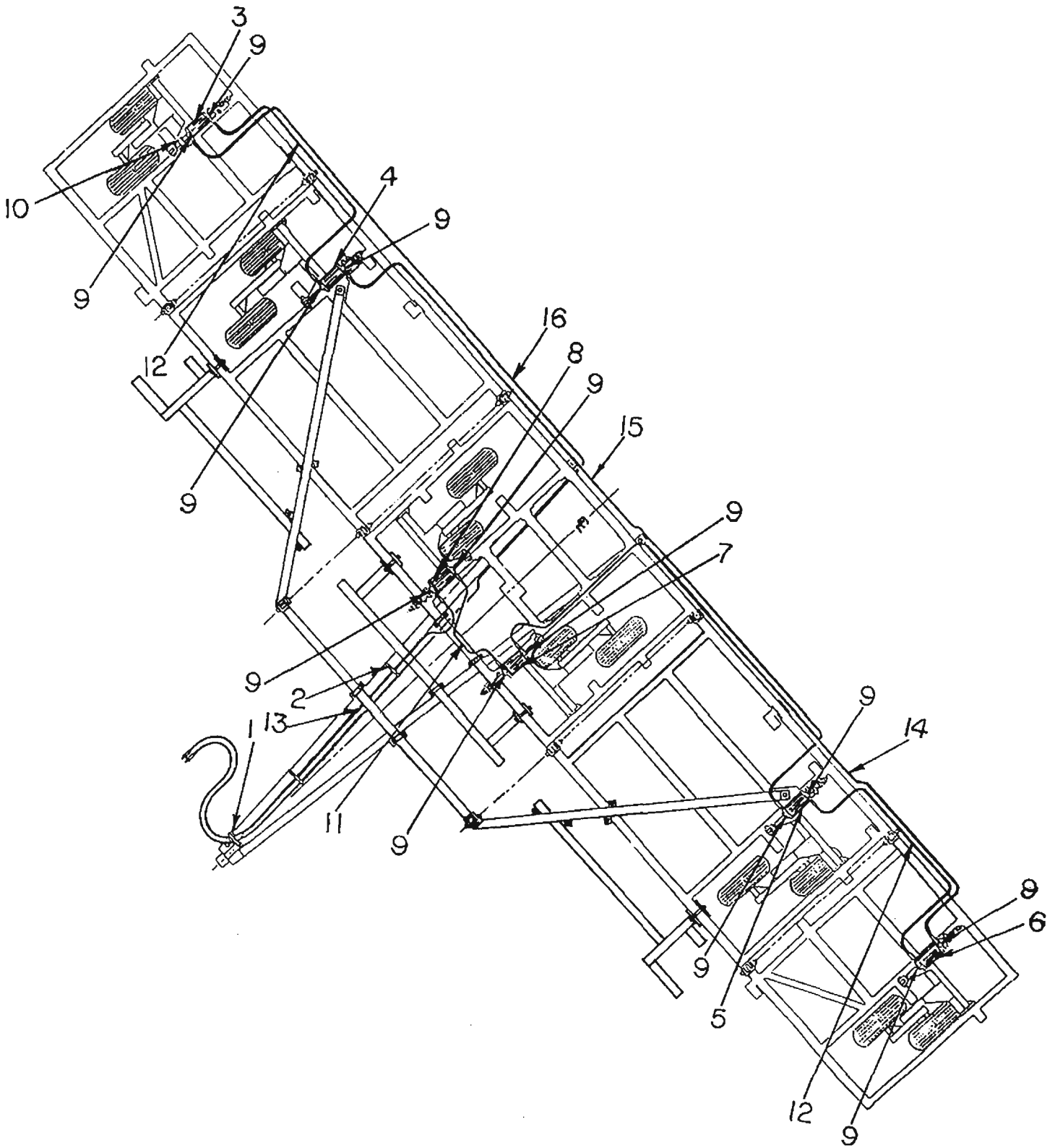
Adj. link assembly, Hydraulic Cylinders & Locks



Adj. Link assembly, Hydraulic Cylinders & Locks.

Key	Part No.	Description
1	0400-025	Pivot arm.
2	0410-103	Cylinder lock. Center frame hydraulic cylinders only.
3	0410-121	Adjustable link.
4	0410-581	Adjustable link assembly.
5	----- ---	Tandem wheel leg assemblies.
6	5818-056	Hydraulic cylinder, 3-1/2 x 8, [AB1262] Outer wing RT
	5818-057	Hydraulic cylinder, 3-3/4 x 8, [AB1256] Inner wing RT
	5818-058	Hydraulic cylinder, 4 x 8, [AB1250] Inner wing LT
	5818-059	Hydraulic cylinder, 4-1/2 x 8, [AB1244] Outer wing LT
	5818-060	Hydraulic cylinder, 4-3/4 x 8, [AB1238] Cntr frame LT
	5818-061	Hydraulic cylinder, 5 x 8 [AB1232] Cntr frame RT
7	5846-095	1/2" O-Ring, 90 degree swivel union.
8	6146-013	Bushing. Use W/5818-056 on Outer wing RT.
9	6899-402	Medium size A Depth stop kit, 5 sizes 1" thru 2" Use W/rod diameter 1" thru 1.5".
10	6899-502	Large size B Depth stop kit, 5 sizes 1" thru 2" Use W/rod diameter 1" thru 2"
11	7115-025	Cap screw, 3/4"NC x 2-1/2".
12	7115-050	Cap screw, 3/4"NC x 5".
13	7715-871	Hex nut, 7/8"NC.
14	7725-002	Hex nut, 3/4"NC.
15	7725-138	Hex jam nut, 7/8"NC.
16	7816-020	Cut washer, 1".
17	7845-020	Lock washer, 3/4".
18	7920-002	Hitch pin, #8, Cylinder lock.

Main lift hydraulic components



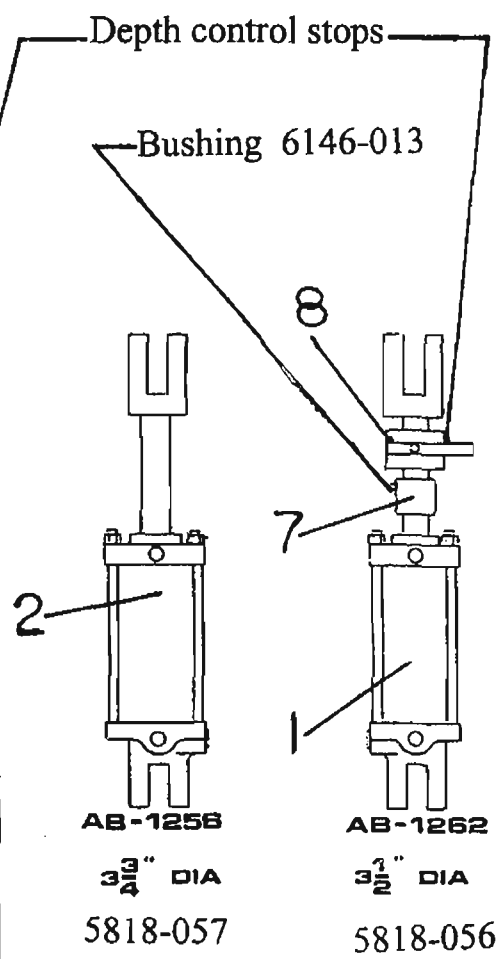
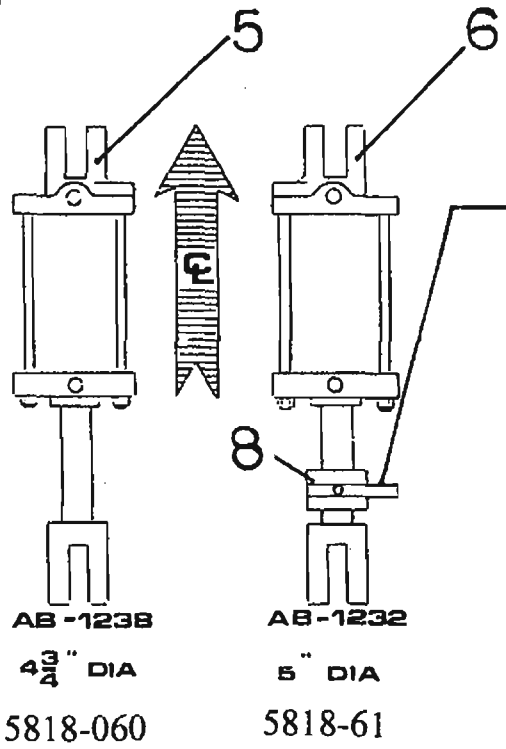
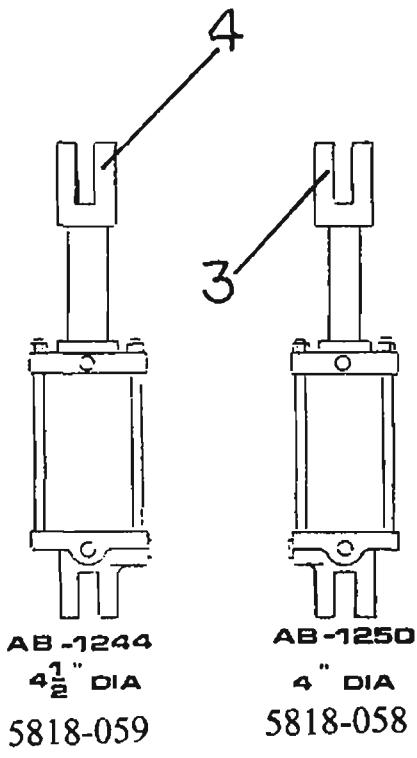
Main Lift Hydraulic Components

Key	Part No.	Description
1	0101-037	Hose mast.
2	5229-006	Ty-Rap tie strap.
3	5818-056	Hydraulic cylinder, 3-1/2 x 8 [AB1262] Outer wing RT
4	5818-057	Hydraulic cylinder, 3-3/4 x 8 [AB1256] Inner wing RT
5	5818-058	Hydraulic cylinder, 4 x 8 [AB1250] Inner wing LT
6	5818-059	Hydraulic cylinder, 4-1/2 x 8 [AB1244] Outer wing LT
7	5818-060	Hydraulic cylinder, 4-3/4 x 8 [AB1238] Cntr frame LT
8	5818-061	Hydraulic cylinder, 5 x 8 [AB1232] Cntr frame RT.
9	5846-095	1/2" 90 degree O-Ring Swivel union.
10	6146-013	Bushing.
11	6822-279	3/8" Hose, 1/2"MM, 6FT. 9 in, 45 FT & 50 FT.
12	6822-345	3/8" Hose, 1/2"MM, 11FT-8in. 45FT & 50 FT.
13	6822-403	3/8" Hose, 1/2"MM, 17FT-6in. 45 FT
	6822-446	3/8" Hose, 1/2"MM, 18FT-6in. 50FT.
14	6822-517	3/8" Hose, 1/2"MM, 25FT-3in. 45FT.
	6822-528	3/8" Hose, 1/2"MM, 27FT-0in. 50FT.
15	6822-528	3/8" Hose, 1/2"MM, 27FT-0in. 45FT.
	6822-629	3/8" Hose, 1/2"MM, 31FT-10in. 50FT.
16	6822-635	3/8" Hose, 1/2"MM, 44FT-0in. 45FT.
	6822-641	3/8" Hose, 1/2"MM, 49FT-10in. 50FT.

Main lift system Hydraulic cylinders & Depth control stops

TO LEVEL IMPLEMENT

1. MOUNT DEPTH CONTROL STOPS ON CYLINDERS AB-1232 & 1262
2. INSTALL BUSHING 6146-013 ON CYLINDER AB 1262



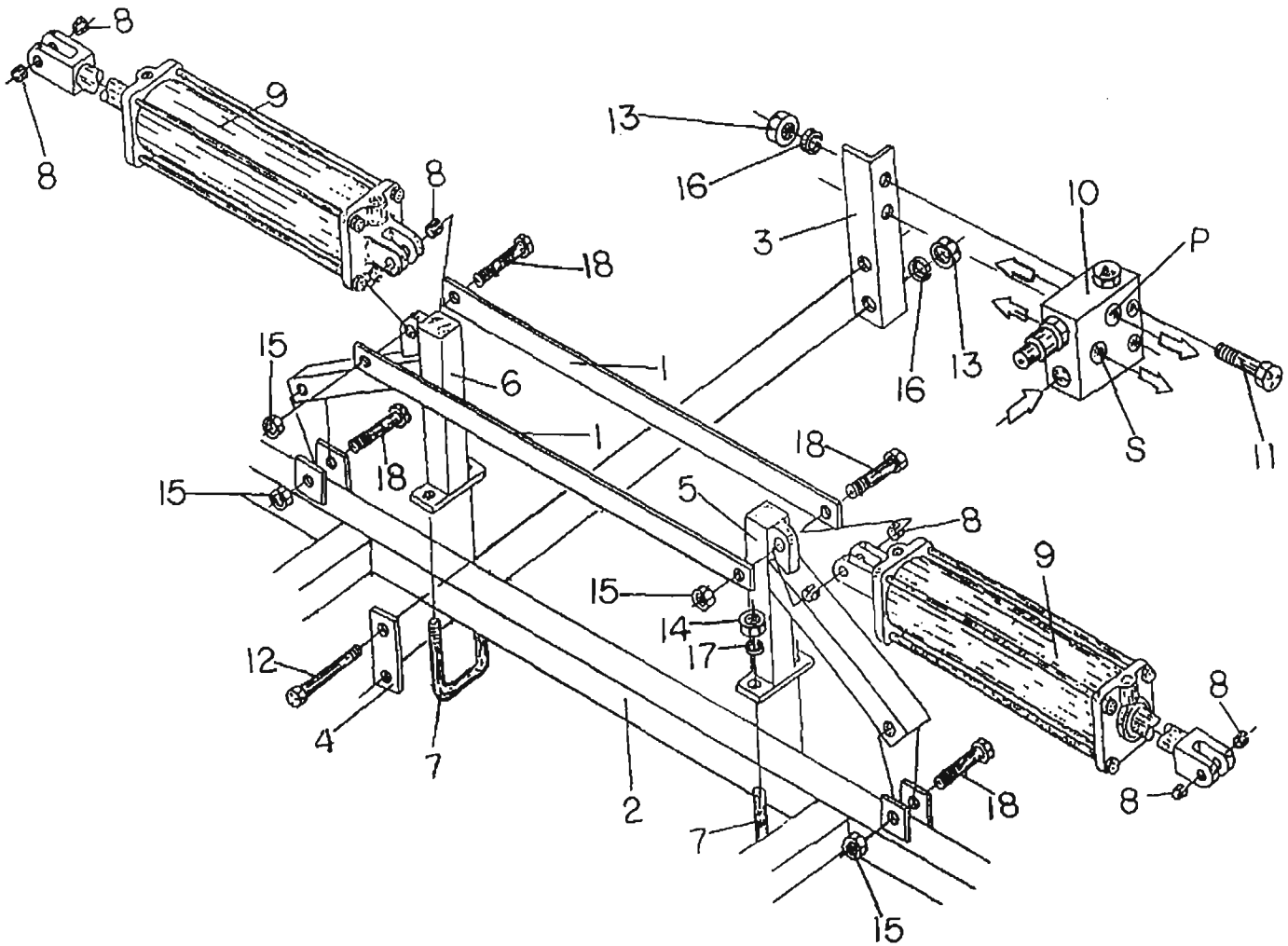
Depth Control Stops

Color Code	
1 in	White
1-1/4 in	Green
1-1/2 in	Blue
1-3/4 in	Red
2 in	Yellow

Main lift system Hydraulic cylinders & Depth control stops

Key	Part No.	Description
1	5818-056	Hydraulic cylinder, 3-1/2 x 8 AB1262, Outer wing RT
2	5818-057	Hydraulic cylinder, 3-3/4 x 8 AB1256, Inner wing RT
3	5818-058	Hydraulic cylinder, 4 x 8 AB1250, Inner wing LT
4	5818-059	Hydraulic cylinder, 4-1/2 x 8 AB1244, Outer wing LT
5	5818-060	Hydraulic cylinder, 4-3/4 x 8 AB1238, Center frame LT
6	5818-061	Hydraulic cylinder, 5 x 8 AB1232, Center frame RT
7	6146-013	Bushing
8	6899-402	Medium size A, Depth stop kit.
	6896-100	Depth stop, white 1" med.
	6896-125	Depth stop, green, 1-1/4" med.
	6896-150	Depth stop, blue, 1-1/2" med.
	6896-175	Depth stop, red, 1-3/4" med.
	6896-200	Depth stop, yellow, 2 " med.
	6899-502	Large size B, Depth stop kit
	6897-100	Depth stop, white, 1" large
	6897-125	Depth stop, green, 1-1/4" large.
	6897-150	Depth stop, blue, 1-1/2" large.
	6897-175	Depth stop, red, 1-3/4" large.
	6897-200	Depth stop, yellow, 2" large.

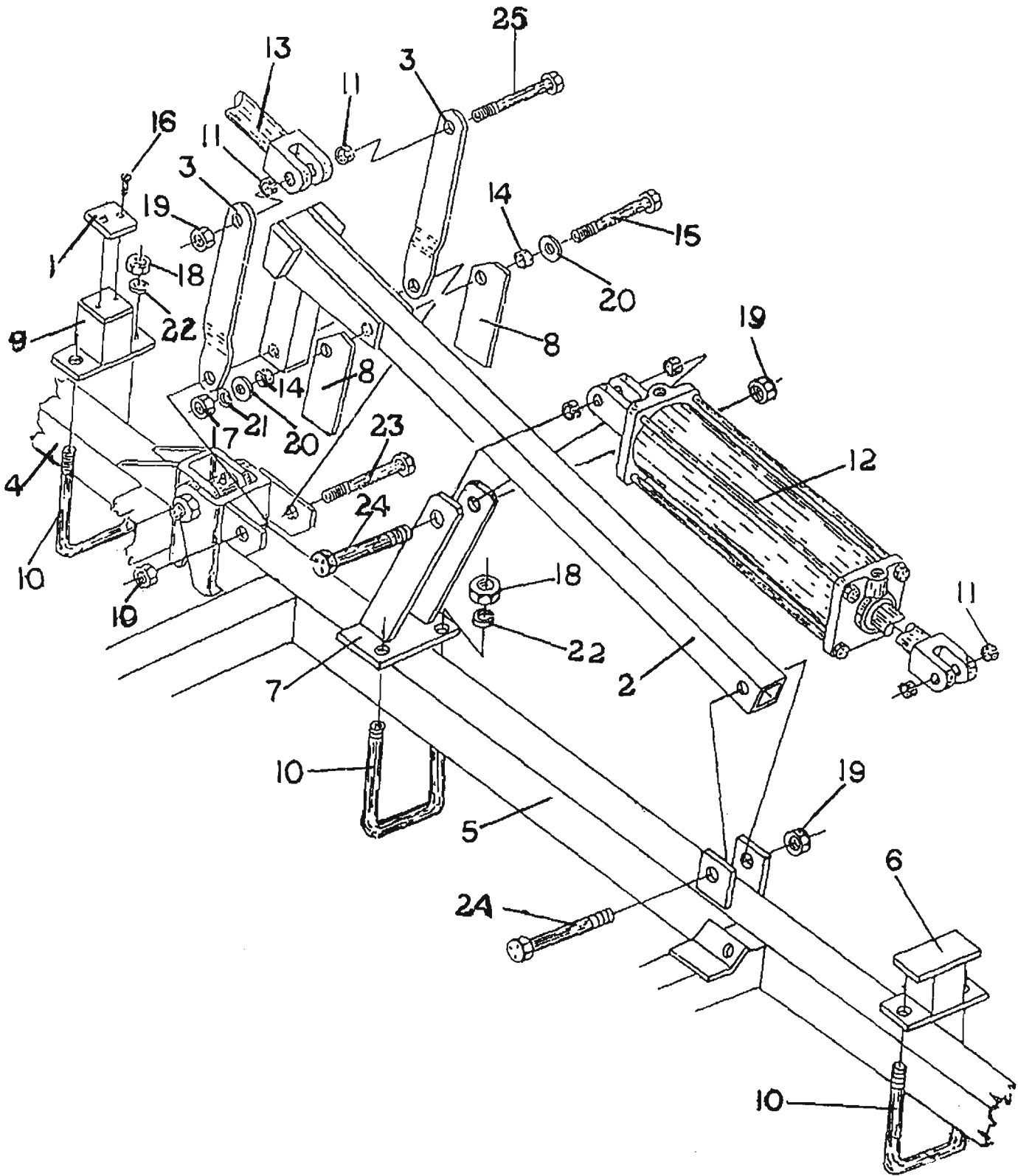
Wing lift components, center frame



Wing lift components, Center frame.

Key	Part No.	Description
1	0400-059	Center support bar.
2	0403-035	Center frame, 12FT. 5 Section.
3	0403-293	Mounting bracket, sequence valve.
4	0403-294	Backing strap, sequence valve.
5	0410-033	Center support mount, Left.
6	0410-034	Center support mount, Right.
7	5214-002	U-Bolt, 5/8"NC x 4-3/4" x 6".
8	5818-030	Clevis pin bushing.
9	5818-580	Hydraulic cylinder, 5x24[S512], Prior to 1988.
	5818-610	Hydraulic cylinder, 5x24[AJ-17] 1988 to date.
10	5859-100	Sequence valve assembly.
11	7112-066	Cap screw, 3/8"NC x 2-1/2".
12	7112-098	Cap screw, 3/8"NC x 5".
13	7722-010	Hex nut, 3/8"NC.
14	7724-005	Hex nut, 5/8"NC.
15	7726-012	Hex Nylock nut, 1"NC.
16	7842-010	Lock washer, 3/8".
17	7844-020	Lock washer, 5/8".
18	8116-018	Bolt, 1"NC x 5".

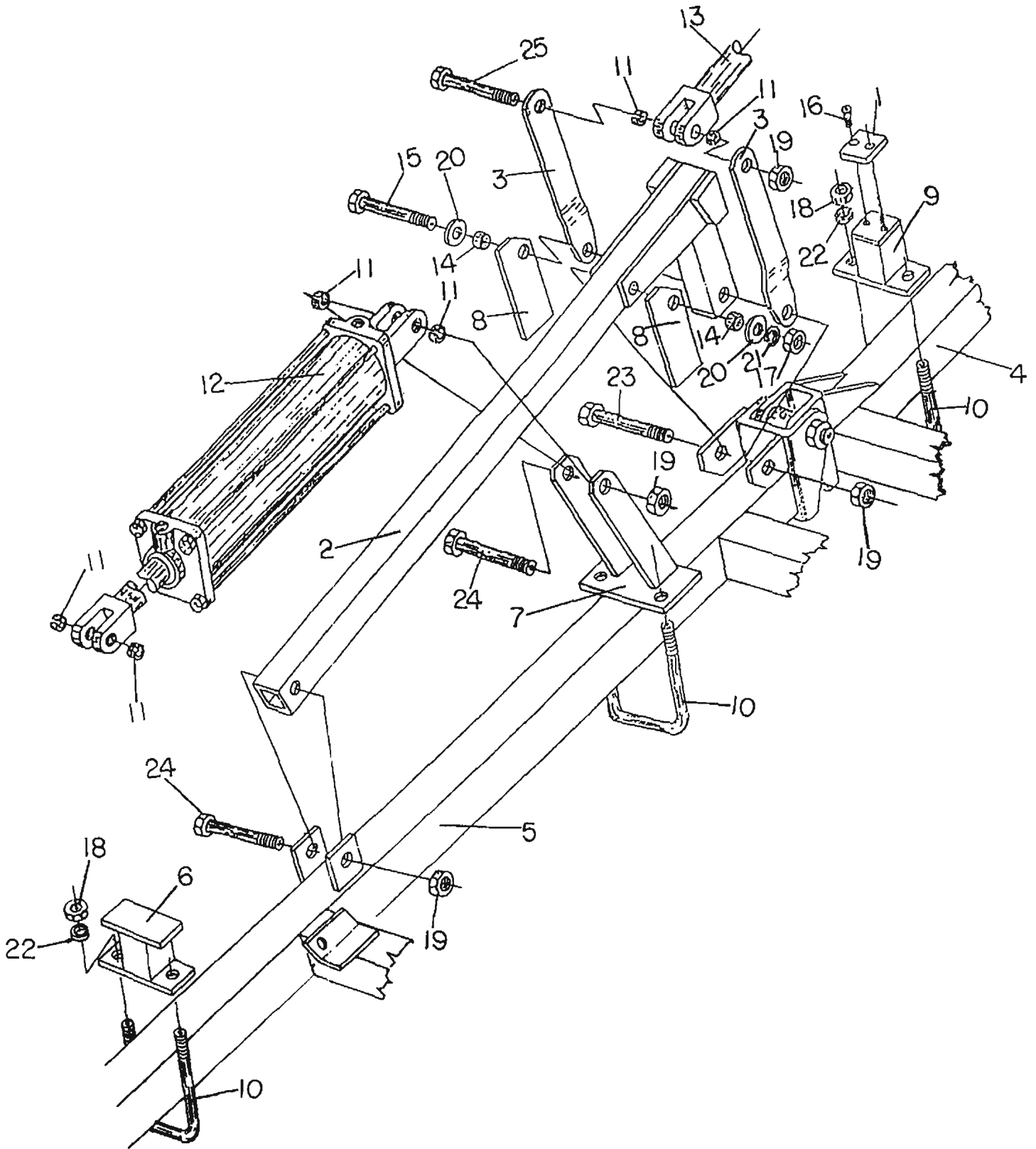
Wing lift components, Inner wing – left



Wing lift components, Inner wing, Left

Key	Part No.	Description
1	CW9-067	Pad, wing lift stop.
2	0400-020	Wing lift, 50 FT.
	0403-065	Wing lift, 45 FT.
3	0400-032	Toggle, wing lift
4	0403-035	Center frame, 12 FT.
5	0403-036	Inner wing frame, Left, 12 FT [50 FT].
	0403-038	Inner wing frame, Left, 9-1/2 FT [45 FT].
6	0403-126	Cylinders actuator arm stop, [45 FT].
7	0403-365	Wing lift& stop assembly, Left [45 FT]
	0410-440	Wing lift & stop assembly, Left [50 FT]
8	0410-106	Wing lift stop.
9	0410-144	Block, wing lift stop.
10	5214-002	U-Bolt, 5/8"NC x 4-3/4" x 6".
11	5818-030	Clevis pin bushing.
12	5818-510	Hydraulic cylinder, 5x30, prior to 1988.
	5818-615	Hydraulic cylinder, 5x30, 1988 to date.
13	5818-580	Hydraulic cylinder, 5x24, prior to 1988.
	5818-610	Hydraulic cylinder, 5x24, 1988 to date.
14	6133-007	Bushing.
15	7113-127	Cap screw, 1/2"NC x 5".
16	7120-075	Flat head screw, 5/16"NC x 3/4".
17	7723-015	Hex nut, 1/2"NC.
18	7724-005	Hex nut, 5/8"NC.
19	7726-012	Hex Nylock nut, 1"NC.
20	7813-015	Flat washer, 1/2".
21	7843-015	Lock washer, 1/2".
22	7844-020	Lock washer, 5/8".
23	8116-003	Bolt, 1"NC x 6-1/4", W/Nylock nut.
24	8116-018	Bolt, 1"NC x 5", W/Nylock nut.
25	8116-601	Bolt, 1"NC x 5-3/4", W/Nylock nut.

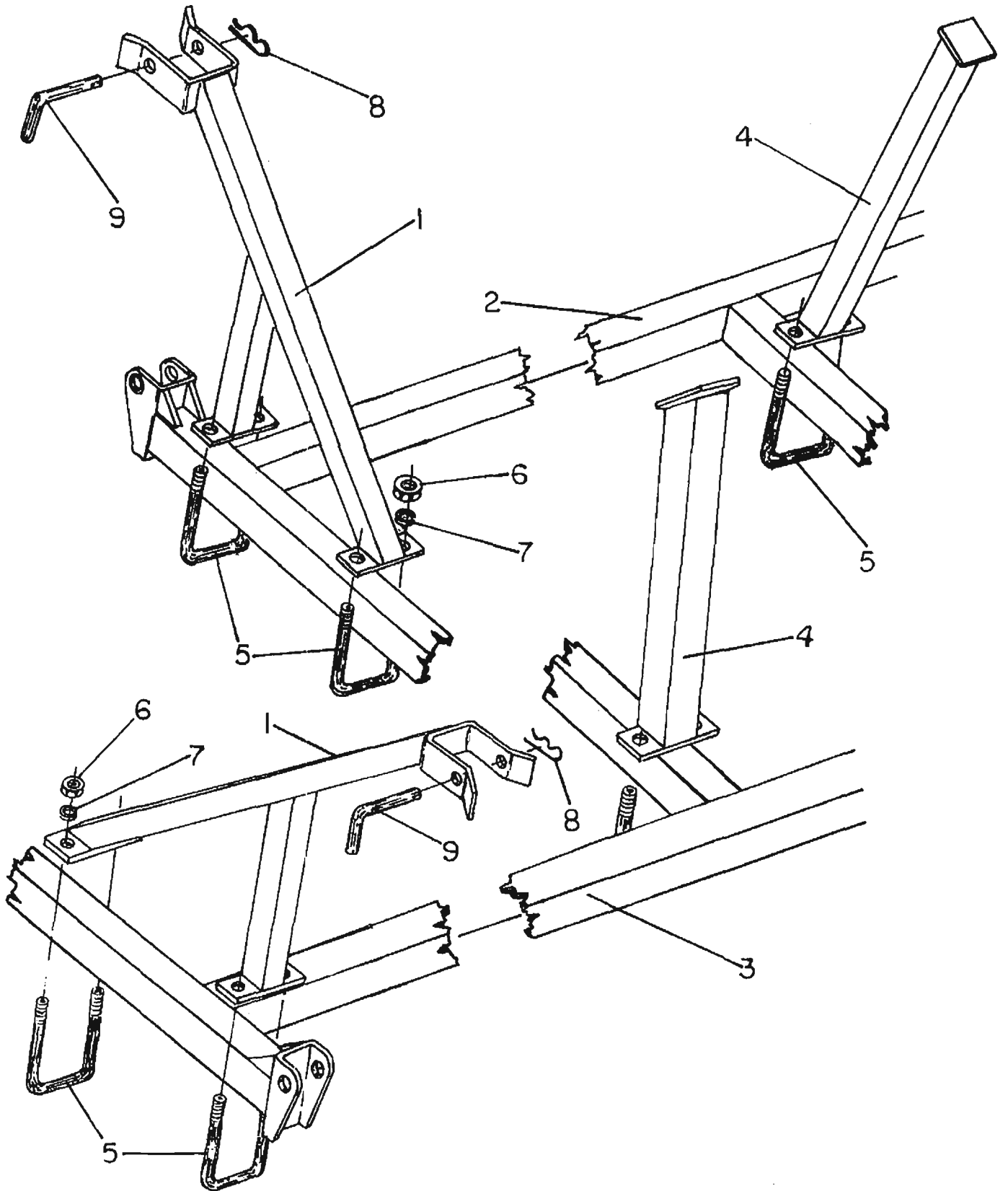
Wing lift components, Inner wing – right



Wing Lift Components, Inner Wing, Right

Key	Part No.	Description
1	CW9-067	Pad, wing lift stop.
2	0400-020	Wing lift, 50 FT.
	0403-065	Wing lift, 45 FT.
3	0400-032	Toggle, wing lift
4	0403-035	Center frame, 12 FT.
5	0403-037	Inner wing frame, Right, 12 FT [50 FT].
	0403-039	Inner wing frame, Right, 9-1/2 FT [45 FT].
6	0403-126	Cylinders actuator arm stop, [45 FT].
7	0403-366	Wing lift& stop assembly, Right [45 FT]
	0410-445	Wing lift & stop assembly, Right [50 FT]
8	0410-106	Wing lift stop.
9	0410-144	Block, wing lift stop.
10	5214-002	U-Bolt, 5/8"NC x 4-3/4" x 6".
11	5818-030	Clevis pin bushing.
12	5818-510	Hydraulic cylinder, 5x30, prior to 1988.
	5818-615	Hydraulic cylinder, 5x30, 1988 to date.
13	5818-580	Hydraulic cylinder, 5x24, prior to 1988.
	5818-610	Hydraulic cylinder, 5x24, 1988 to date.
14	6133-007	Bushing.
15	7113-127	Cap screw, 1/2"NC x 5".
16	7120-075	Flat head screw, 5/16"NC x 3/4".
17	7723-015	Hex nut, 1/2"NC.
18	7724-005	Hex nut, 5/8"NC.
19	7726-012	Hex Nylock nut, 1"NC.
20	7813-015	Flat washer, 1/2".
21	7843-015	Lock washer, 1/2".
22	7844-020	Lock washer, 5/8".
23	8116-003	Bolt, 1"NC x 6-1/4", w/Nylock nut.
24	8116-018	Bolt, 1"NC x 5", w/Nylock nut.
25	8116-601	Bolt, 1"NC x 5-3/4", w/Nylock nut.

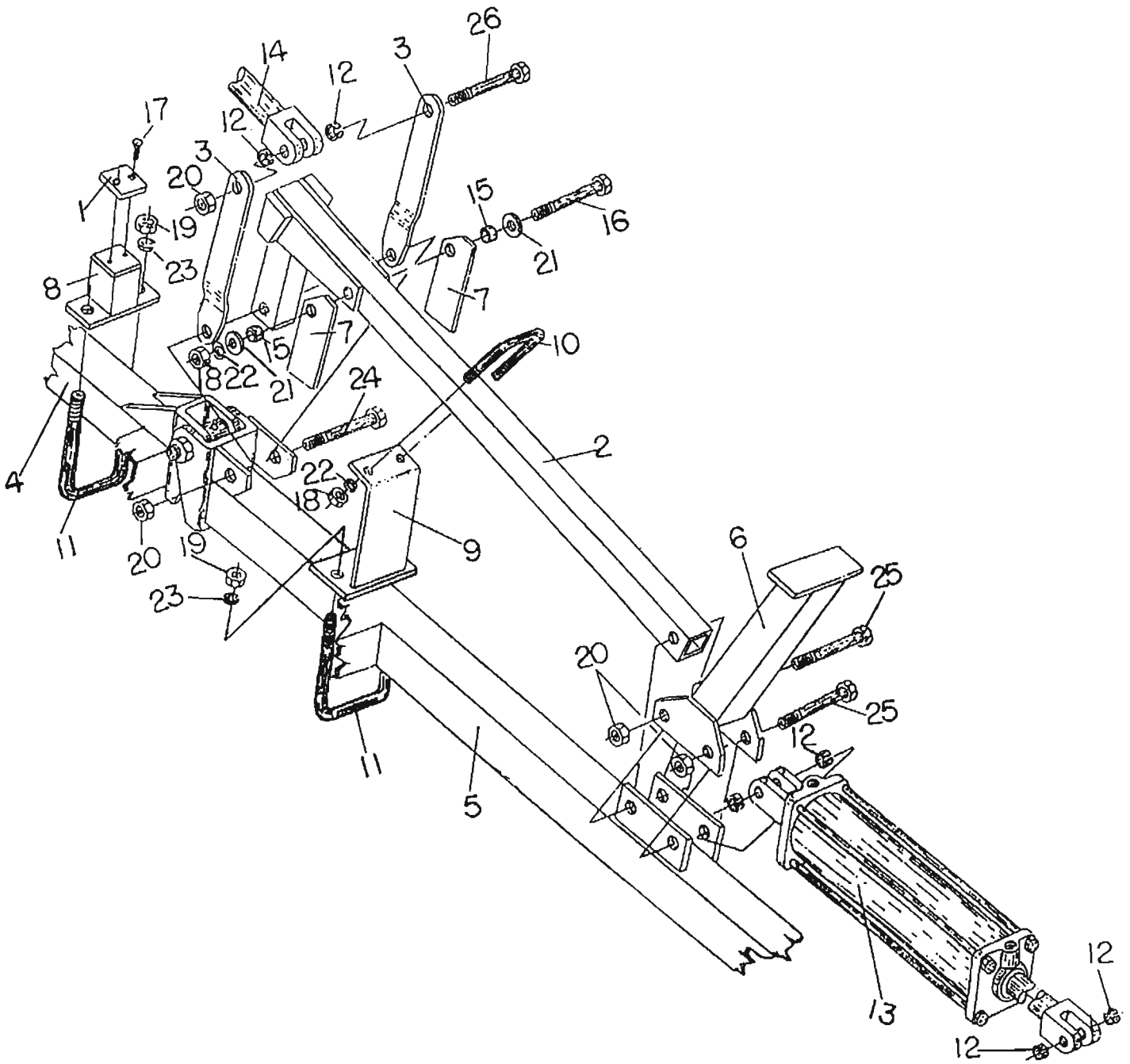
Transport latch & Wing transport stand



Transport latch & Wing transport stand

Key	Part No.	Description
1	0400-063	Transport latch, 45 Ft.
	0410-082	Transport latch, 50 Ft.
2	0403-036	Inner wing frame, Left, 12 Ft.
	0403-038	Inner wing frame, Left, 9-1/2 Ft.
3	0403-037	Inner wing frame, Right, 12 Ft.
	0403-039	Inner wing frame, Right, 9-1/2 Ft.
4	0403-125	Wing transport stand, 45 Ft.
	0403-129	Wing transport stand, 50 Ft.
5	5214-002	U-Bolt, 5/8"NC x 4-3/4" x 6".
6	7724-005	Hex nut, 5/8"NC.
7	7844-020	Lock washer, 5/8".
8	7920-002	Hitch pin, #8.
9	8036-801	Pin, wing lock.

Wing lift components, Inner wing, Left 1400-500 Series



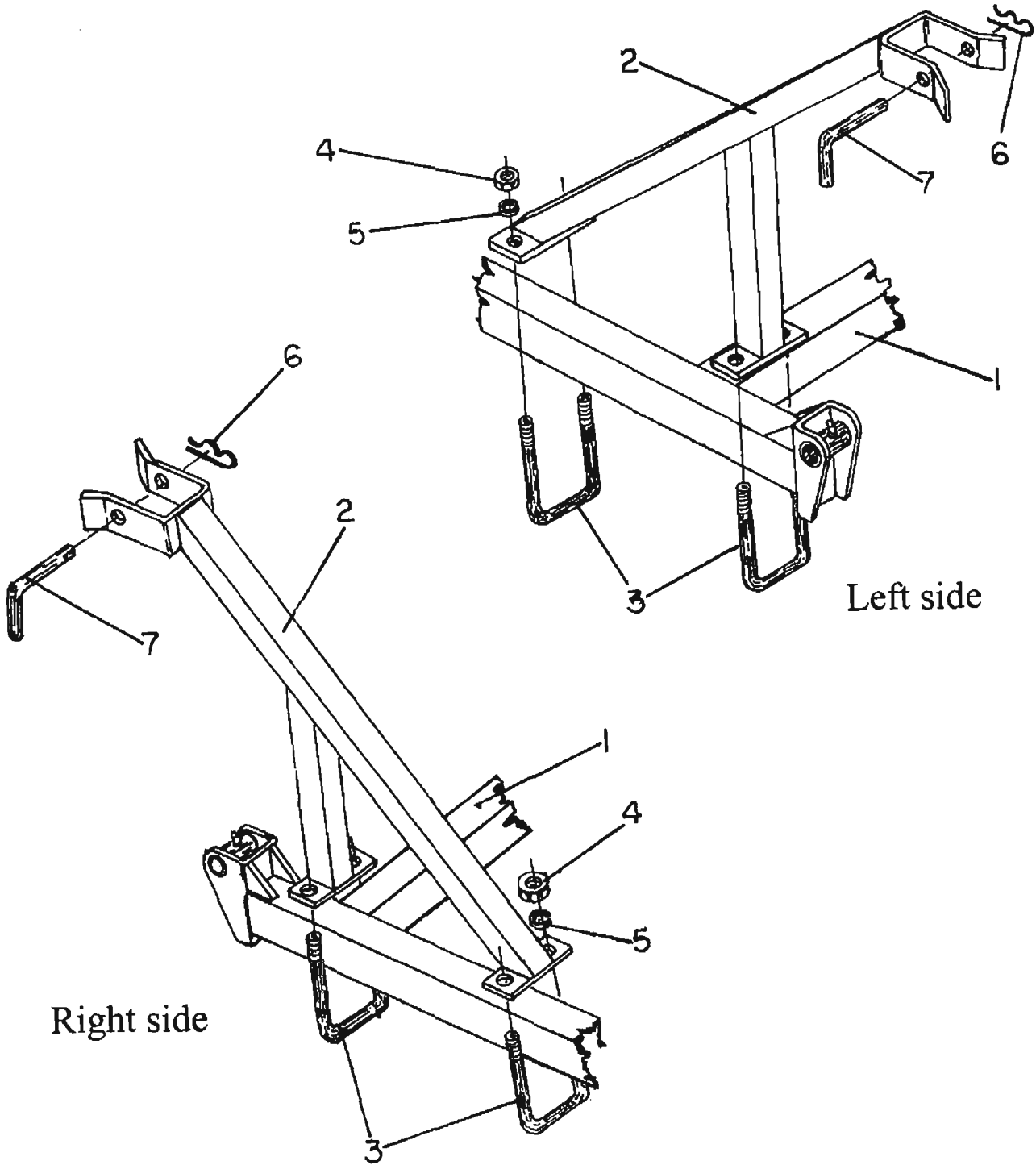
Wing lift components, Inner wing, Left 1400-500 Series

Key	Part No.	Description
1	CW9-067	Pad, wing lift stop.
2	0400-020	Wing lift, 50 Ft.
	0410-510	Wing lift assembly. [Key # 2,7,15,16,18,21&22]
3	0400-032	Toggle, wing lift.
4	0403-035	Center frame, 12 Ft.
5	0403-036	Inner wing frame, Left, 12 Ft.
6	0403-129	Wing transport stand.
7	0410-106	Wing lift stop.
8	0410-144	Block, wing lift stop.
9	0410-175	Center brace, wing lift, Left.
10	5213-001	U-Bolt, 1/2"NC x 3".
11	5214-002	U-Bolt, 5/8"NC x 4-3/4" x 6".
12	5818-030	Clevis pin bushing.
13	5818-510	Hydraulic cylinder, 5x30, Prior to 1988.
	5818-615	Hydraulic cylinder, 5x30, 1988 to date.
14	5818-580	Hydraulic cylinder, 5x24, Prior to 1988.
	5818-610	Hydraulic cylinder, 5x24, 1988 to date.
15	6133-007	Bushing.
16	7113-127	Cap screw, 1/2"NC x 5".
17	7120-075	Flat head screw, 5/16"NC x 3/4".
18	7723-015	Hex nut, 1/2"NC.
19	7724-005	Hex nut, 5/8"NC.
20	7726-012	Hex Nylock nut, 1"NC.
21	7813-015	Flat washer, 1/2".
22	7843-015	Lock washer, 1/2".
23	7844-020	Lock washer, 5/8".
24	8116-003	Bolt, 1"NC x 6-1/4".
25	8116-018	Bolt, 1"NC x 5".
26	8116-601	Bolt, 1"NC x 5-3/4".

Wing lift components, Inner wing, Right 1400-500 Series

Key	Part No.	Description
1	CW9-067	Pad, wing lift stop.
2	0400-020	Wing lift, 50 Ft.
	0410-510	Wing lift assembly. [Key # 2,7,15,16,18,21&22]
3	0400-032	Toggle, wing lift.
4	0403-035	Center frame, 12 Ft.
5	0403-037	Inner wing frame, Right, 12 Ft.
6	0403-129	Wing transport stand.
7	0410-106	Wing lift stop.
8	0410-144	Block, wing lift stop.
9	0410-176	Center brace, wing lift, Right
10	5213-001	U-Bolt, 1/2"NC x 3".
11	5214-002	U-Bolt, 5/8"NC x 4-3/4" x 6".
12	5818-030	Clevis pin bushing.
13	5818-510	Hydraulic cylinder, 5x30, Prior to 1988.
	5818-615	Hydraulic cylinder, 5x30, 1988 to date.
14	5818-580	Hydraulic cylinder, 5x24, Prior to 1988.
	5818-610	Hydraulic cylinder, 5x24, 1988 to date.
15	6133-007	Bushing.
16	7113-127	Cap screw, 1/2"NC x 5".
17	7120-075	Flat head screw, 5/16"NC x 3/4".
18	7723-015	Hex nut, 1/2"NC.
19	7724-005	Hex nut, 5/8"NC.
20	7726-012	Hex Nylock nut, 1"NC.
21	7813-015	Flat washer, 1/2".
22	7843-015	Lock washer, 1/2".
23	7844-020	Lock washer, 5/8".
24	8116-003	Bolt, 1"NC x 6-1/4".
25	8116-018	Bolt, 1"NC x 5".
26	8116-601	Bolt, 1"NC x 5-3/4".

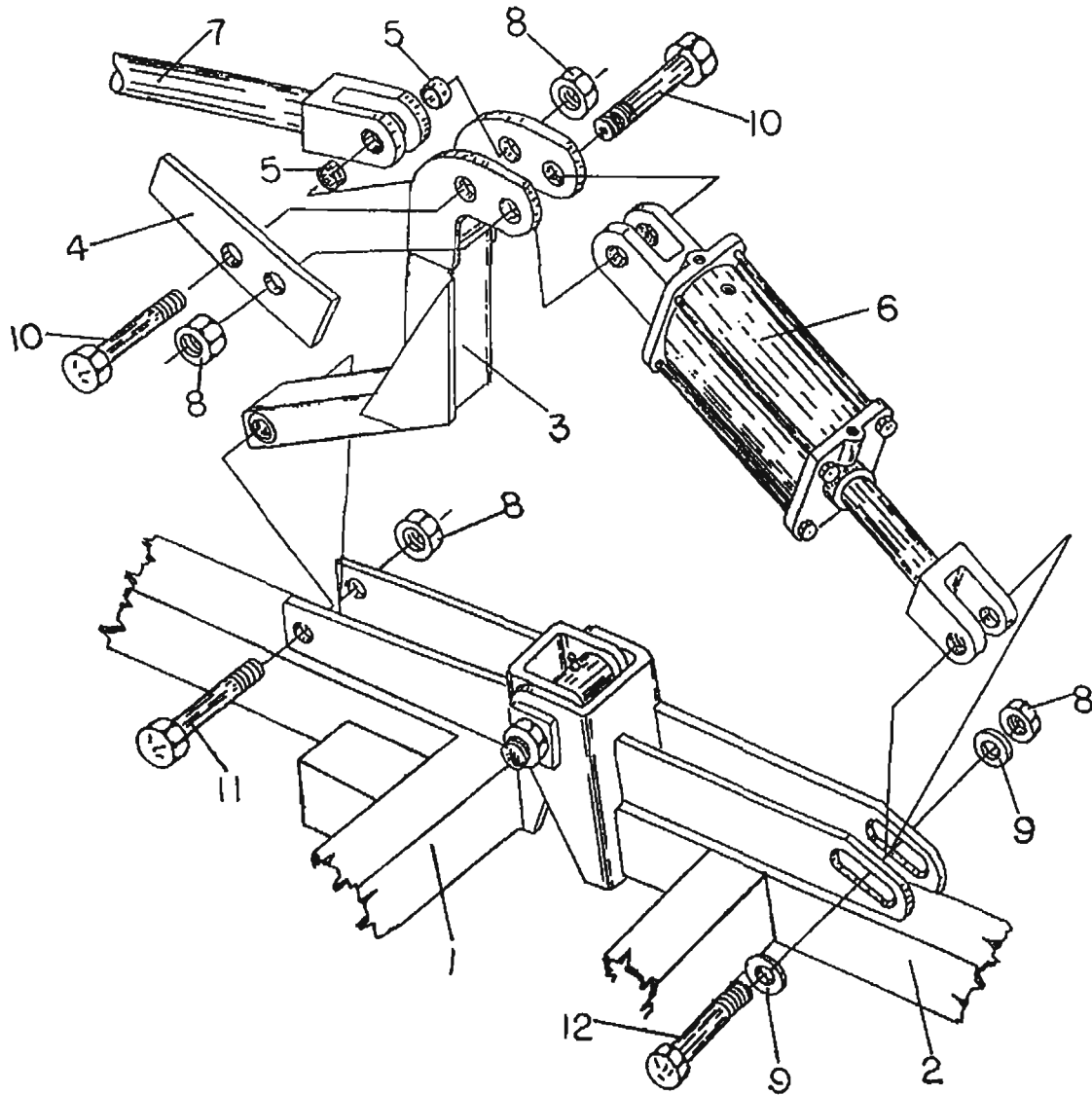
Transport Latch
1400-500 Series



Transport Latch 1400-500 Series

Key	Part No.	Description
1	0403-035	Center frame, 12Ft.
2	0410-082	Transport latch.
3	5214-002	U-Bolt, 5/8"NC x 4-3/4" x 6".
4	7724-005	Hex nut, 5/8"NC.
5	7844-020	Lock washer, 5/8".
6	7920-002	Hitch pin, #8.
7	8036-801	Pin, wing lock.

Wing lift components, Outer wing – left



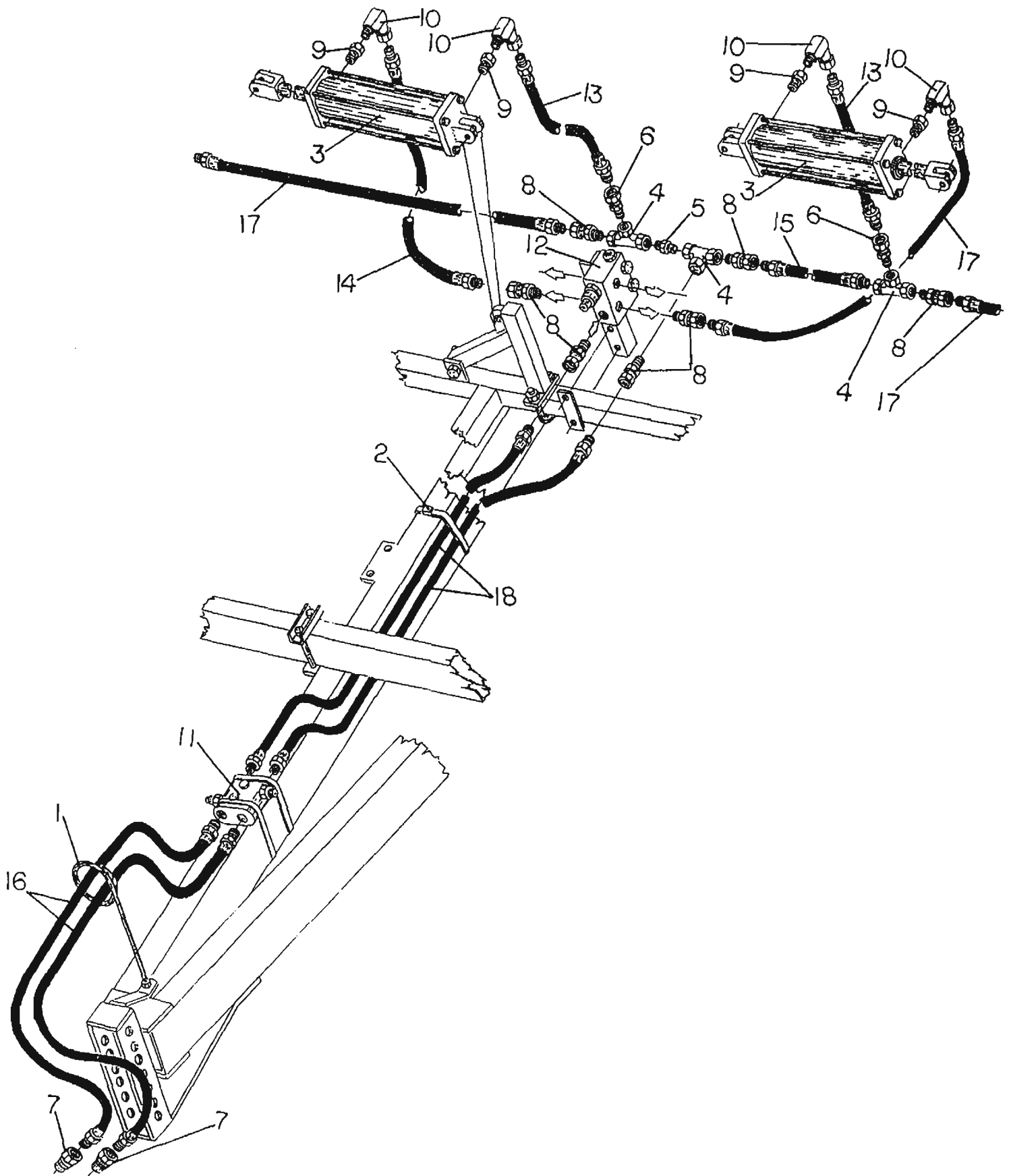
Wing Lift components, Outer wing, Left

Key	Part No.	Description
1	0403-036	Inner wing frame, Left, 12Ft.
	0403-038	Inner wing frame, Left, 9-1/2Ft.
2	0403-040	Outer wing frame, Left, 7Ft.
3	0410-048	Cylinder actuator arm.
4	0410-102	Support bar.
5	5818-030	Clevis pin bushing.
6	5818-330	Hydraulic cylinder, 3x8, Prior to 1988.
	5818-600	Hydraulic cylinder, 3x8, 1988 to date.
7	5818-510	Hydraulic cylinder, 5x30, Prior to 1988.
	5818-615	Hydraulic cylinder, 5x30, 1988 to date.
8	7726-012	Hex Nylock nut, 1"NC.
9	7816-020	Flat washer, 1".
10	8116-003	Bolt, 1"NC x 6-1/4", w/Nylock nut.
11	8116-018	Bolt, 1"NC x 5-5/16", w/Nylock nut.
12	8116-601	Bolt, 1"NC x 5-3/4", w/Nylock nut.

Wing Lift components, Outer wing, Right

Key	Part No.	Description
1	0403-037	Inner wing frame, Right, 12Ft.
	0403-039	Inner wing frame, Right, 9-1/2Ft.
2	0403-041	Outer wing frame, Right, 7Ft.
3	0410-048	Cylinder actuator arm.
4	0410-102	Support bar.
5	5818-030	Clevis pin bushing.
6	5818-330	Hydraulic cylinder, 3x8, Prior to 1988.
	5818-600	Hydraulic cylinder, 3x8, 1988 to date.
7	5818-510	Hydraulic cylinder, 5x30, Prior to 1988.
	5818-615	Hydraulic cylinder, 5x30, 1988 to date.
8	7726-012	Hex Nylock nut, 1"NC.
9	7816-020	Flat washer, 1".
10	8116-003	Bolt, 1"NC x 6-1/4", w/Nylock nut.
11	8116-018	Bolt, 1"NC x 5-5/16", w/Nylock nut.
12	8116-601	Bolt, 1"NC x 5-3/4", w/Nylock nut.

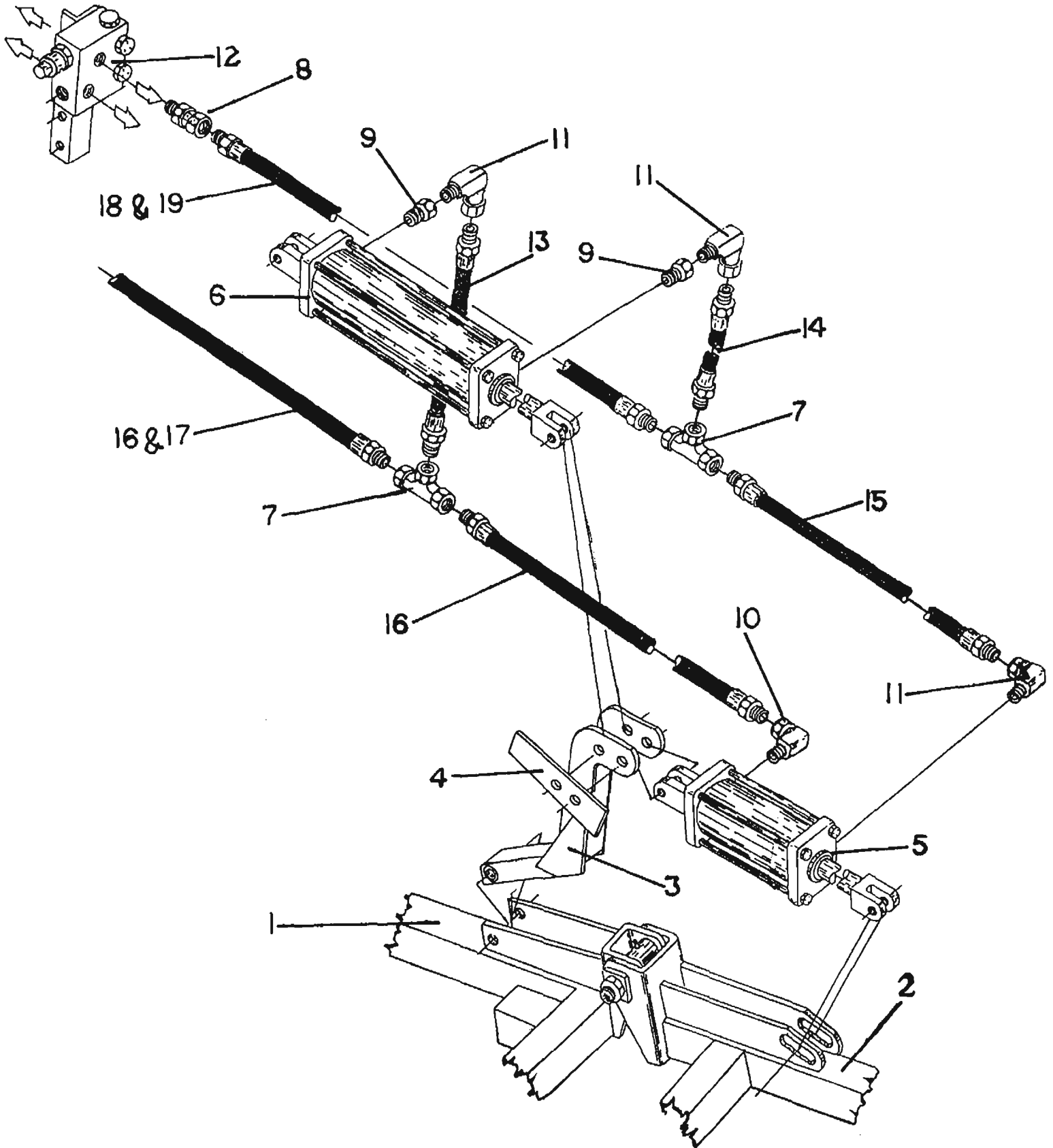
Hydraulic components, Wing lift center frame



Hydraulic Wing lift components, Center frame

Key	Part No.	Description
1	0101-037	Hose mast assembly.
2	5229-006	Ty-Rap, composit tie strap
3	5818-580	Hydraulic cylinder, 5x24 [S512] Prior to 1988.
	5818-610	Hydraulic cylinder, 5x24 [AJ-17] 1988 to date.
4	5833-101	Tee, 1/2" x 1/2" x 1/2".
5	5833-110	Hex nipple, 1/2".
6	5842-602	Line restrictor valve, 1/16" orifice, color code green.
7	5843-235	1/2" Male quick coupler.
8	5843-400	1/2" Straight swivel union.
9	5845-800	Reducer bushing, 3/4" Male to 1/2" Female.
10	5846-095	1/2" 90 degree O-Ring Swivel union.
11	5859-050	Cushion valve, color code red side of valve connected In line to cylinder base.
12	5859-100	Sequence valve assembly.
13	6822-226	3/8" Hose, 1/2"MM, 2Ft-2in.
14	6822-236	3/8" Hose, 1/2"MM, 3 Ft-0in.
15	6822-262	3/8" Hose, 1/2"MM, 5Ft-2in.
16	6822-272	3/8" Hose, 1/2" MM, 6Ft.-0in.
17	6822-280	3/8" Hose, 1/2" MM, 7Ft-8in. [45Ft]
	6822-304	3/8" Hose, 1/2" MM, 10Ft-2in.
18	6822-440	3/8" Hose, 1/2" MM, 20Ft-0in. [45Ft]
	6822-476	3/8" Hose, 1/2" MM, 23Ft-0in. [50Ft]

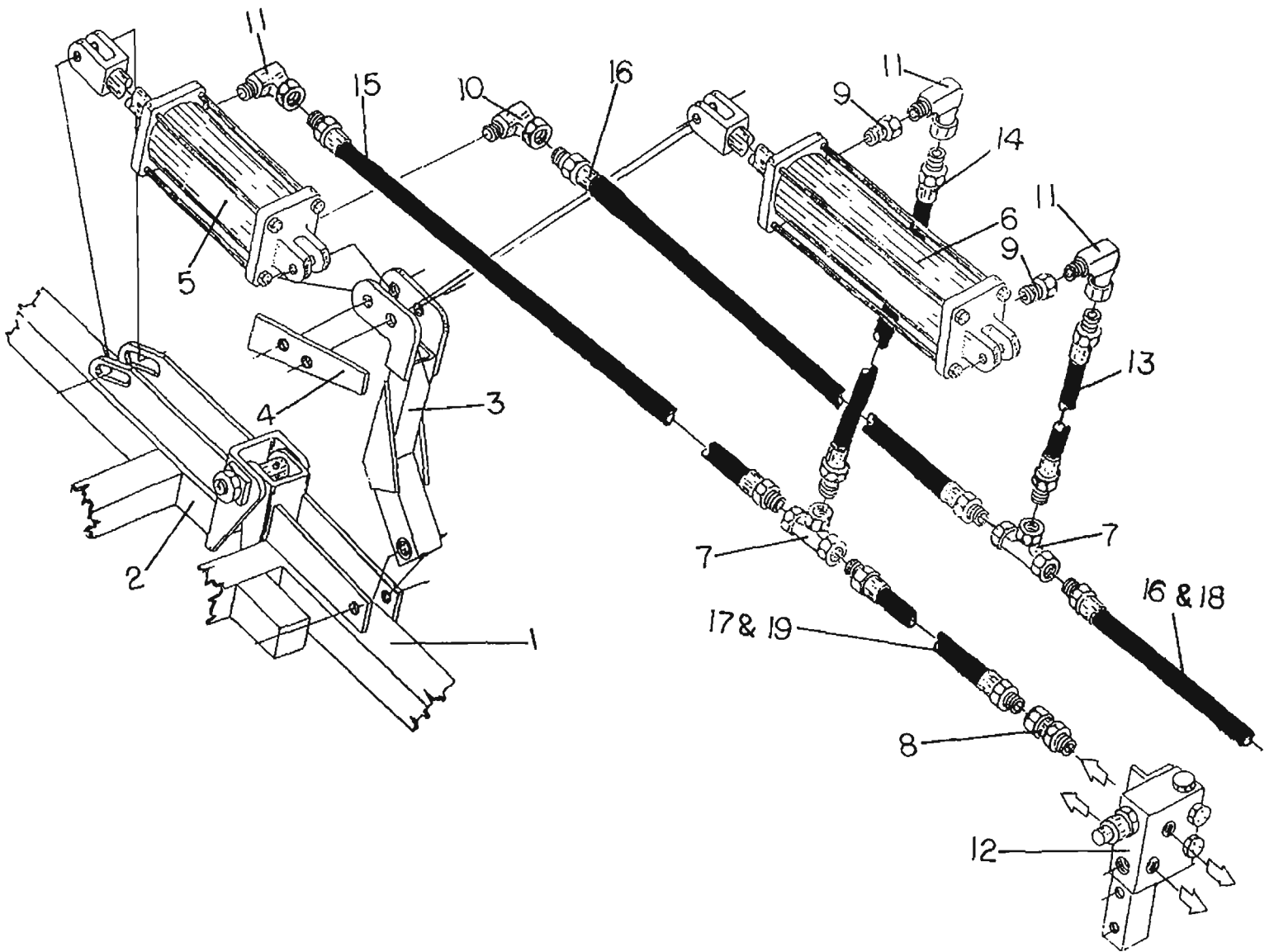
Hydraulic components, Wing lift Inner & Outer frames, Left



Hydraulic components, Wing lift Inner & Outer frames, Left

Key	Part No.	Description
1	0403-036	Inner wing frame, Left, 12Ft.
	0403-038	Inner wing frame, Left, 9-1/2Ft.
2	0403-040	Outer wing frame, Left, 7Ft.
3	0410-048	Cylinder actuator arm.
4	0410-102	Support bar.
5	5818-330	Hydraulic cylinder, 3x8, 1988 and prior.
	5818-600	Hydraulic cylinder, 3x8, 1988 to date.
6	5818-510	Hydraulic cylinder, 5x30, 1988 and prior.
	5818-615	Hydraulic cylinder, 5x30, 1988 to date.
7	5833-101	Tee, 1/2' x 1/2" x 1/2".
8	5843-400	1/2" Straight swivel union.
9	5845-800	Reducer bushing, 3/4" Male to 1/2" Female.
10	5846-092	1/2" 90 degree O-Ring swivel union, w/1/16" orifice, [color code red]
11	5846-095	1/2" 90 degree O-Ring swivel union.
12	5859-100	Sequence valve assembly.
13	6822-222	3/8" Hose, 1/2"MM, 22in.
14	6822-230	3/8" Hose, 1/2"MM, 2Ft-6in.
15	6822-274	3/8" Hose, 1/2"MM, 6Ft-11in.
16	6822-280	3/8" Hose, 1/2"MM, 7Ft-8in.
17	6822-304	3/8" Hose, 1/2"MM, 10Ft-2in.
18	6822-362	3/8" Hose, 1/2"MM, 13Ft-6in.
19	6822-395	3/8" Hose, 1/2"MM, 16Ft-0in.

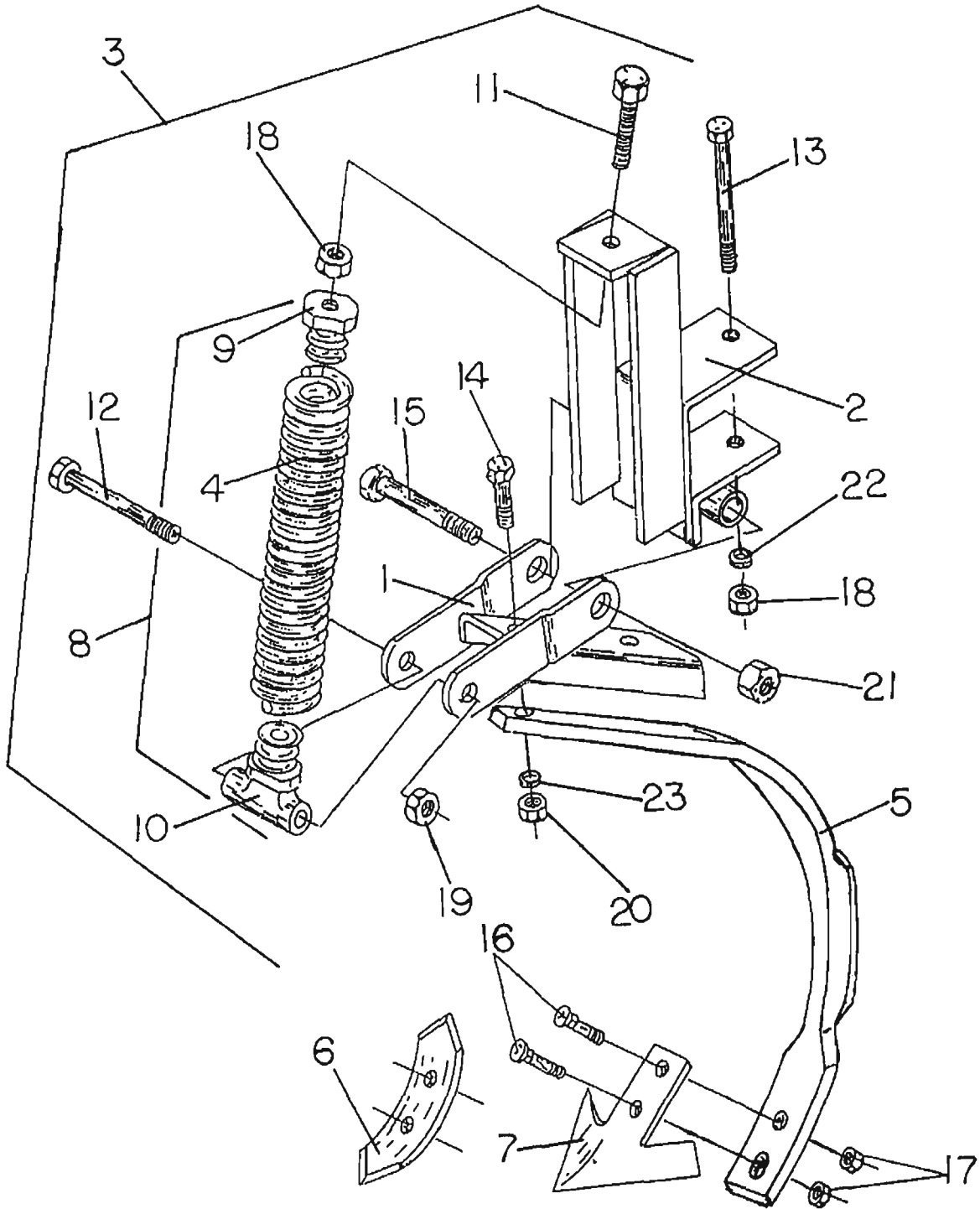
Hydraulic components, Wing lift Inner & Outer frames, Right



Hydraulic components, Wing lift Inner & Outer frames, Right

Key	Part No.	Description
1	0403-037	Inner wing frame, Right, 12Ft.
	0403-039	Inner wing frame, Right, 9-1/2Ft.
2	0403-041	Outer wing frame, Right, 7Ft.
3	0410-048	Cylinder actuator arm.
4	0410-102	Support bar.
5	5818-330	Hydraulic cylinder, 3x8, 1988 and prior.
	5818-600	Hydraulic cylinder, 3x8, 1988 to date.
6	5818-510	Hydraulic cylinder, 5x30, 1988 and prior.
	5818-615	Hydraulic cylinder, 5x30, 1988 to date.
7	5833-101	Tee, 1/2" x 1/2" x 1/2".
8	5843-400	1/2" Straight swivel union.
9	5845-800	Reducer bushing, 3/4" Male to 1/2" Female.
10	5846-092	1/2" 90 degree O-Ring swivel union, w/1/16" orifice, [color code red]
11	5846-095	1/2" 90 degree O-Ring swivel union.
12	5859-100	Sequence valve assembly.
13	6822-222	3/8" Hose, 1/2"MM, 22in.
14	6822-230	3/8" Hose, 1/2"MM, 2Ft-6in.
15	6822-274	3/8" Hose, 1/2"MM, 6Ft-11in.
16	6822-280	3/8" Hose, 1/2"MM, 7Ft-8in.
17	6822-283	3/8" Hose, 1/2"MM, 8Ft-6in.
18	6822-304	3/8" Hose, 1/2"MM, 10Ft-2in.
19	6822-341	3/8" Hose, 1/2"MM, 11Ft-0in.

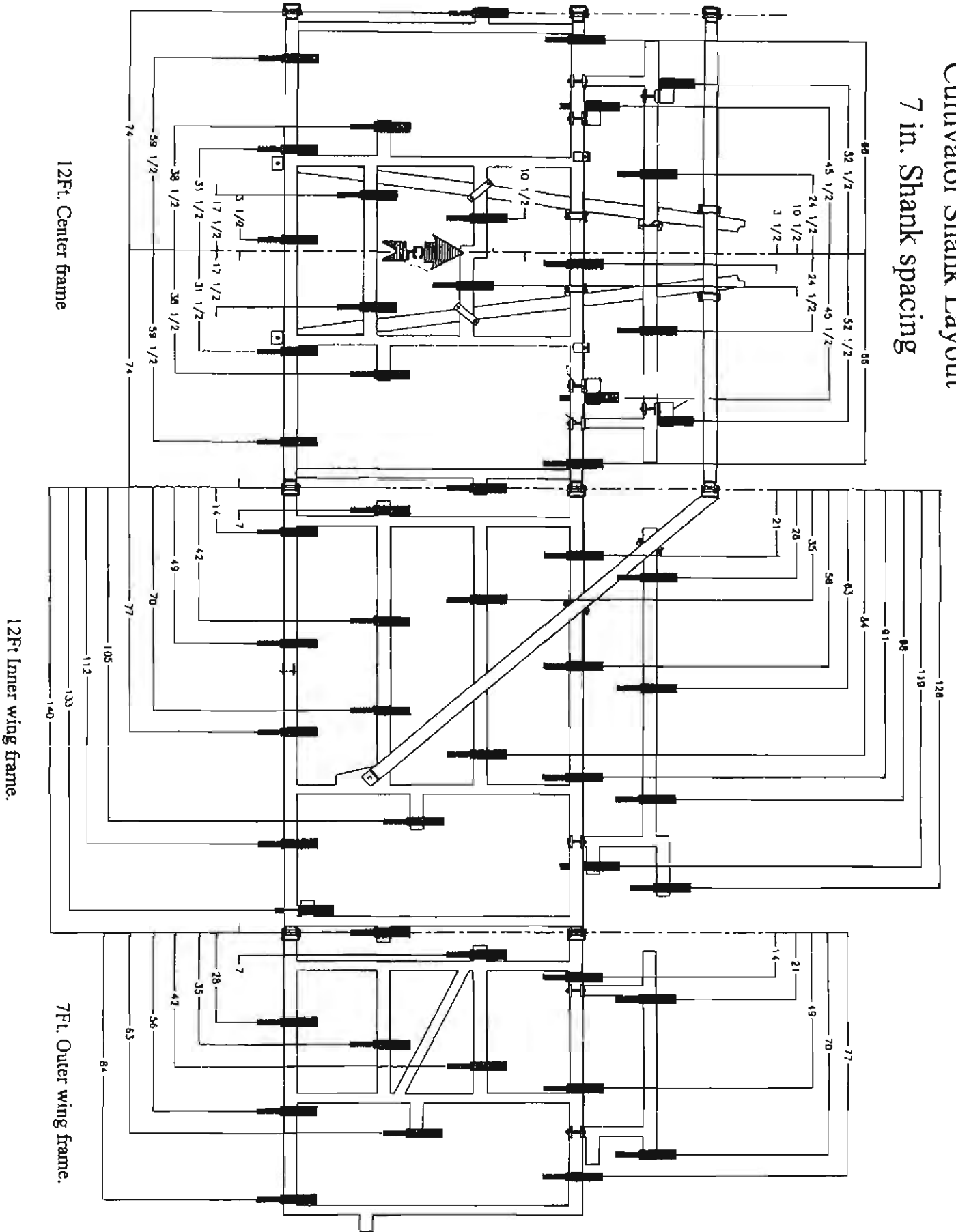
Fixed Shank Assembly



Fixed Shank Assembly

Key	Part No.	Description
1	0201-062	Shank mount yoke.
2	0400-038	Spring mount.
3	0400-550	Fixed shank assembly.
4	5123-002	Shank spring.
5	5939-003	Shank.
6	5949-012	Point, Reversible bolt-on.
7	5952-625	Sweep blade, 1/4" x 9".
8	6123-002	Spring with inserts, assembly.
9	6919-050	Top insert.
10	6919-052	Bottom insert.
11	7113-119	Tap bolt, 1/2"NC x 3-1/2" Full thread.
12	7113-121	Cap screw, 1/2"NC x 3-3/4".
13	7113-129	Cap screw, 1/2"NC x 5-1/2".
14	7114-109	Cap screw, 5/8"NC x 2".
15	7115-067	Cap screw, 3/4"NF x 5".
16	7272-058	No.3 Plow bolt, 7/16"NC x 1-1/2".
17	7722-015	Hex nut, 7/16"NC.
18	7723-015	Hex nut, 1/2"NC.
19	7723-216	Hex lock nut, 1/2"NC.
20	7724-005	Hex nut, 5/8"NC.
21	7725-122	Hex lock nut, 3/4"NF.
22	7843-015	Lock washer, 1/2".
23	7844-020	Lock washer, 5/8".

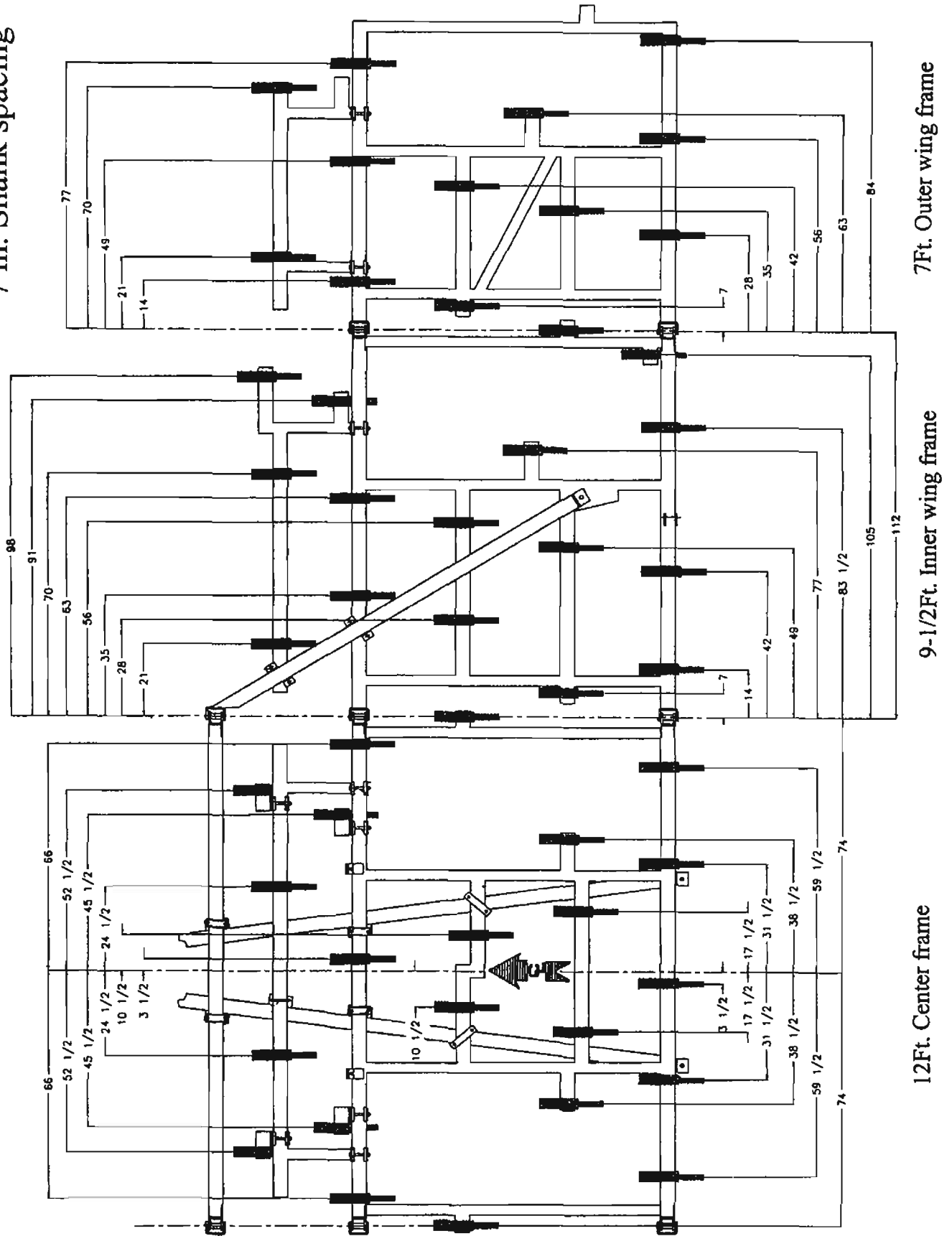
Cultivator Shank Layout 7 in. Shank spacing



Cultivator, 5 Section



Cultivator Shank Layout
7 in. Shank spacing

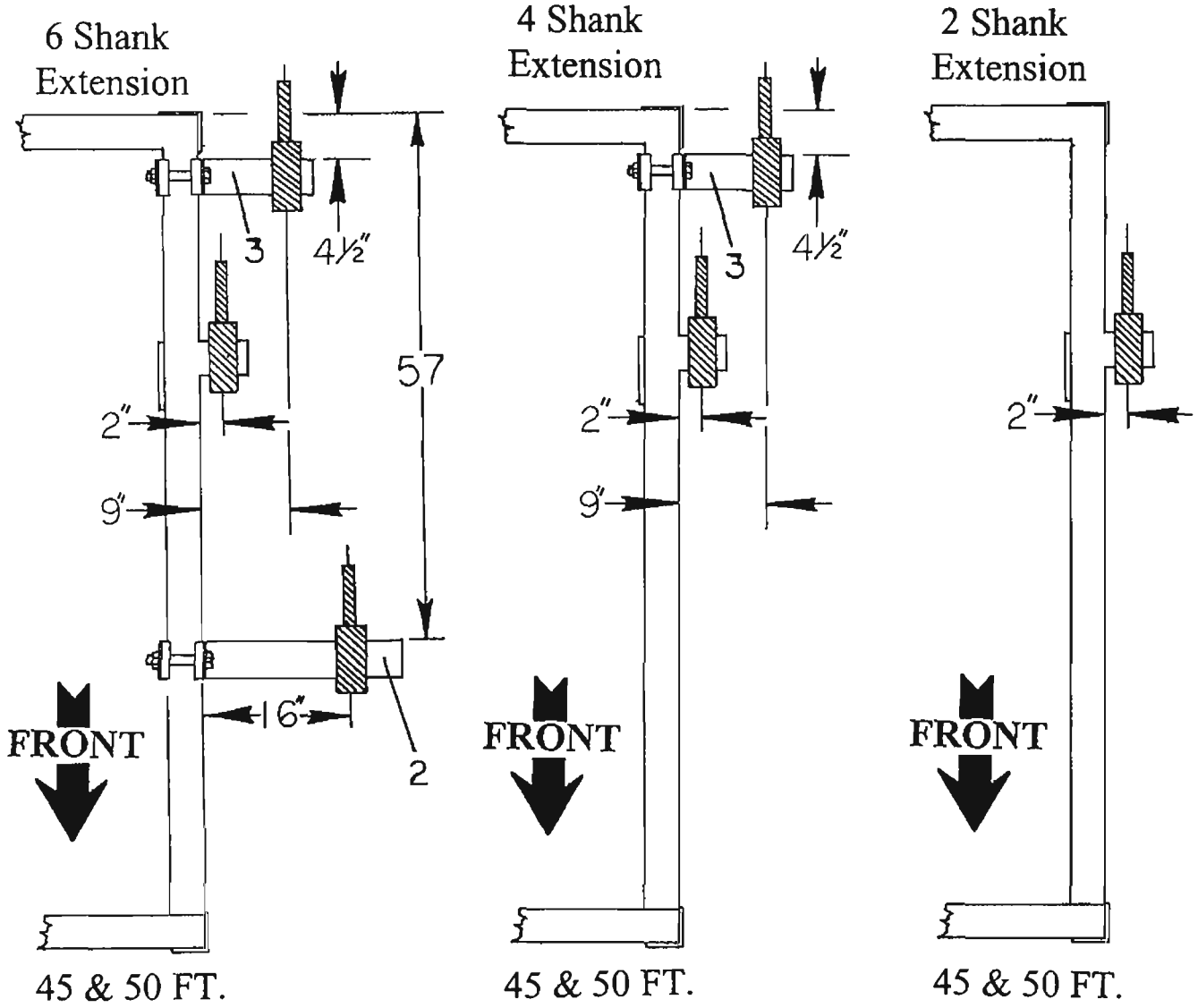


This page intentionally left blank

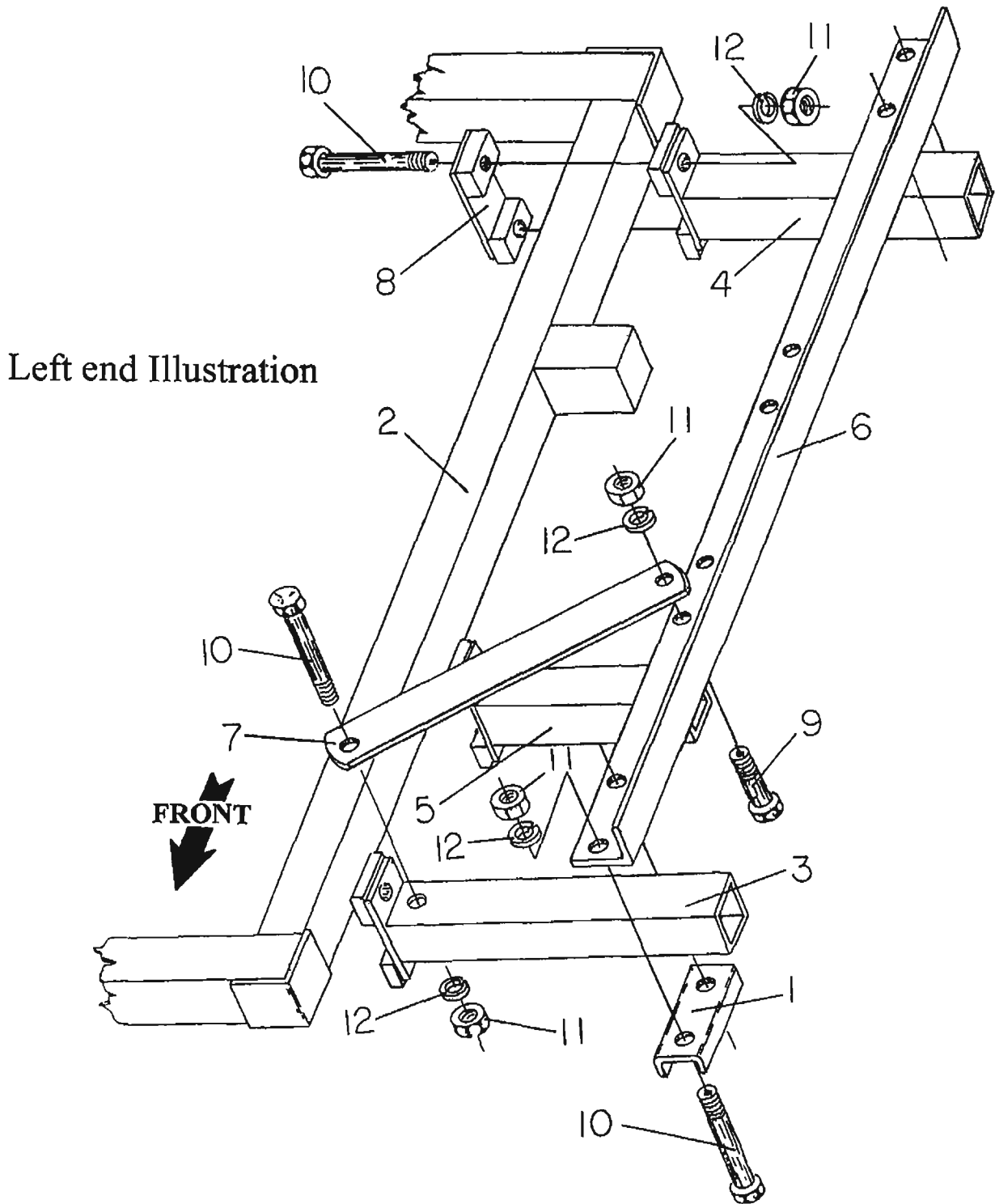
Wing Extension Components

2, 4 & 6 Shanks

Key	Part No.	Description
1	0403-040	Outer wing frame, Left. 7 FT.
	0403-041	Outer wing frame, Right, 7 FT.
2	0403-093	Shank extension, 22"
3	0403-094	Shank extension, 13"
4	0410-079	Base plate
5	7114-055	Cap screw, 5/8"NC x 5-1/2"
6	7724-005	Hex nut, 5/8"NC
7	7844-020	Lock washer, 5/8"



Wing Extension Components 8 Shanks

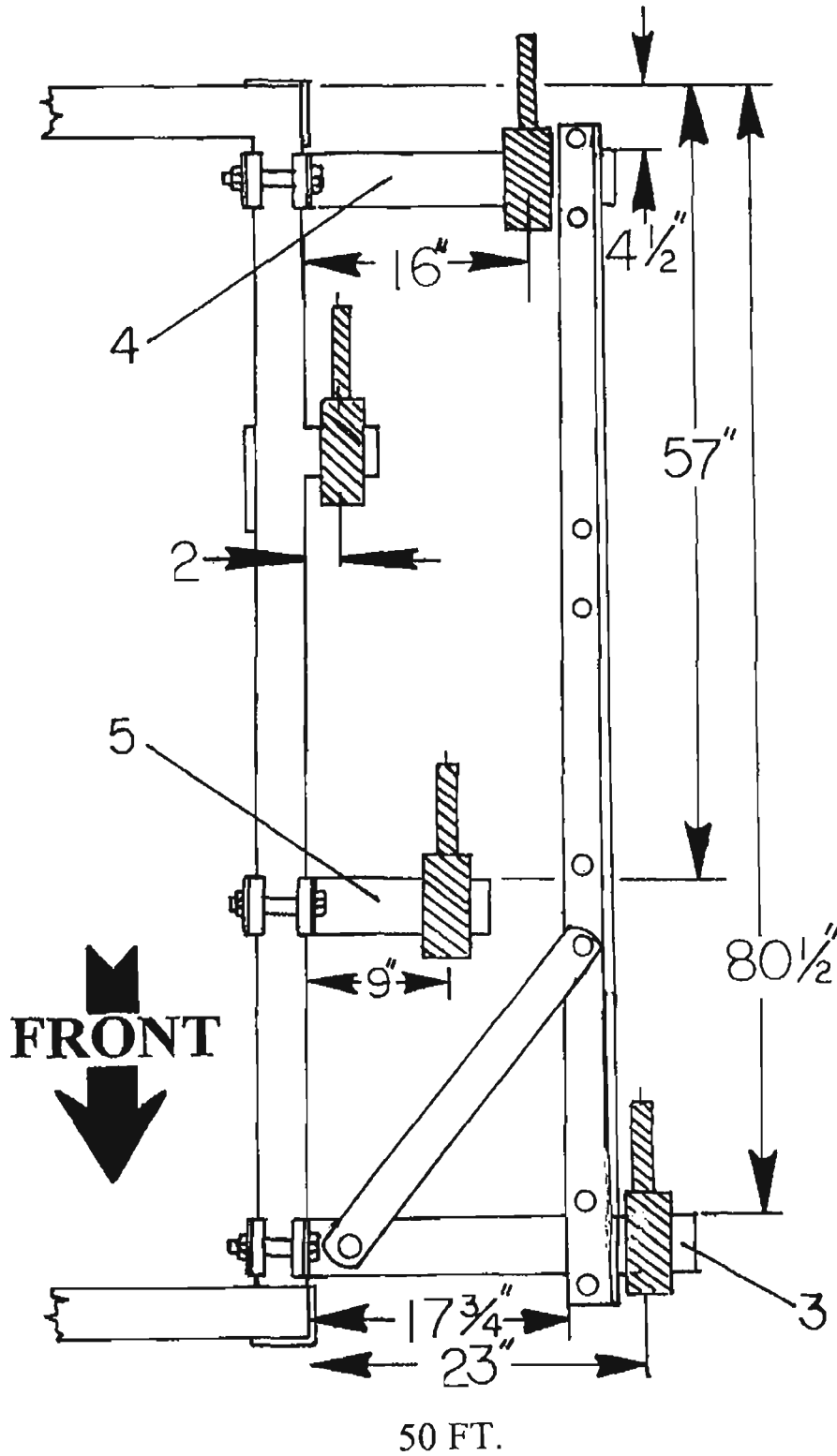


Wing Extension Components

8 Shanks

Key	Part No.	Description
1	0206-031	Clamp plate, 4-3/4" span, U-Formed
2	0403-040	Outer wing frame, Left, 7 FT.
	0403-041	Outer wing frame, Right, 7 FT.
3	0403-090	Shank extension, 26".
4	0403-093	Shank extension, 22".
5	0403-094	Shank extension, 13".
6	0403-295	Shank mount support, Right.
	0403-298	Shank mount support, Left
7	0403-299	Shank extension brace.
8	0410-079	Base plate.
9	7114-003	Cap screw, 5/8"NC x 1-1/4".
10	7114-055	Cap screw, 5/8"NC x 5-1/2".
11	7724-005	Hex nut, 5/8"NC.
12	7844-020	Lockwasher, 5/8".

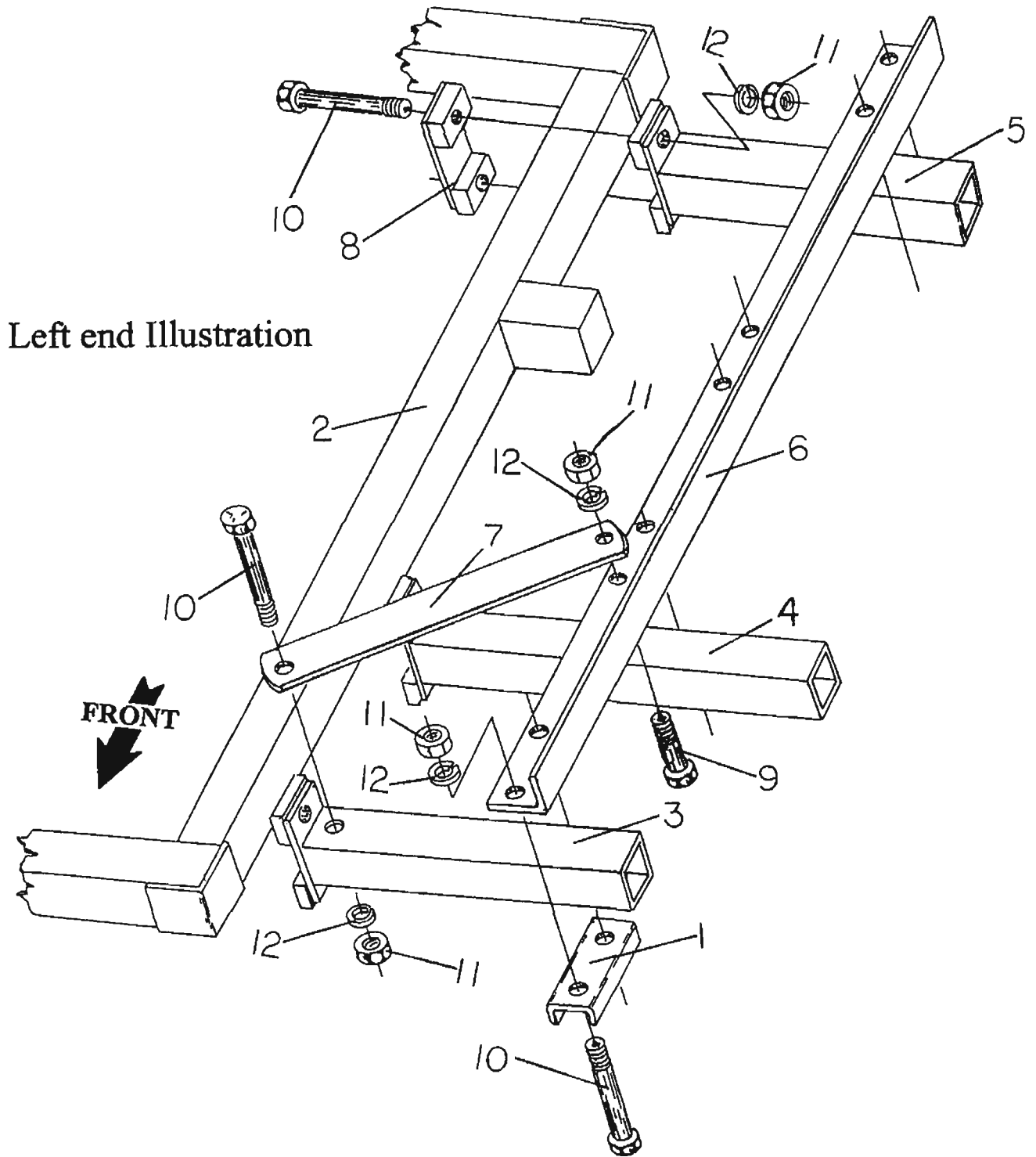
Wing Extension Components
8 Shanks
7 in. Spacing



Wing Extension Components
8 Shanks
7 in. Spacing

Key	Part No.	Description
3	0403-090	Shank extension, 26".
4	0403-093	Shank extension, 22".
5	0403-094	Shank extension, 13".

Wing Extension Components 10 Shanks



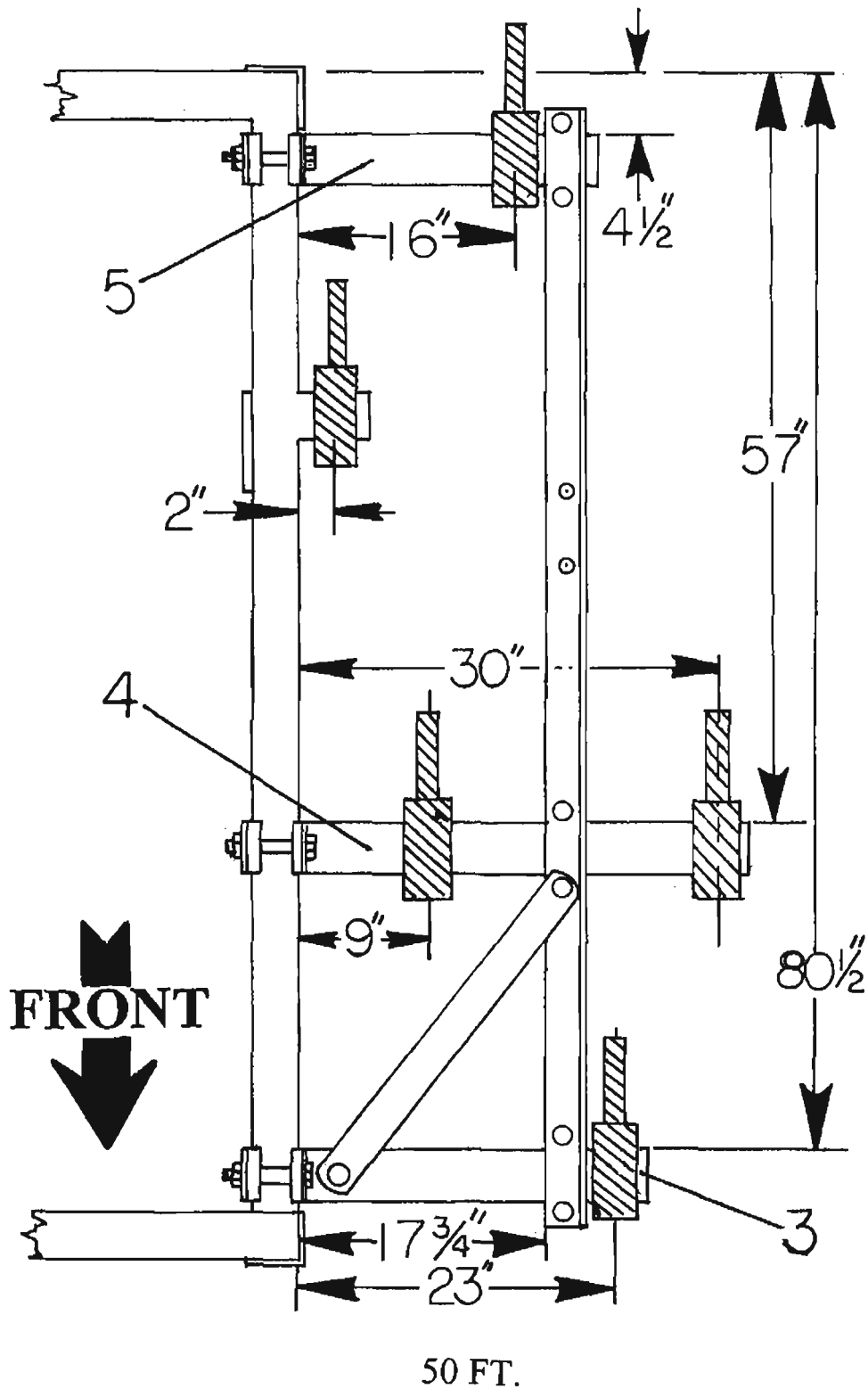
Wing Extension Components 10 Shanks

Key	Part No.	Description
1	0206-031	Clamp plate, 4-3/4" span, U-Formed.
2	0403-040	Outer wing frame, Left, 7 FT.
	0403-041	Outer wing frame, Right, 7 FT.
3	0403-090	Shank extension, 26".
4	0403-092	Shank extension, 33".
5	0403-093	Shank extension, 22".
6	0403-295	Shank mount support, Right.
	0403-298	Shank mount support, Left.
7	0403-299	Shank extension brace.
8	0410-079	Base plate.
9	7114-003	Cap screw, 5/8"NC x 1-1/4".
10	7114-055	Cap screw, 5/8"NC x 5-1/2".
11	7724-005	Hex nut, 5/8"NC.
12	7844-020	Lockwasher, 5/8".

Wing Extension Components

10 Shanks

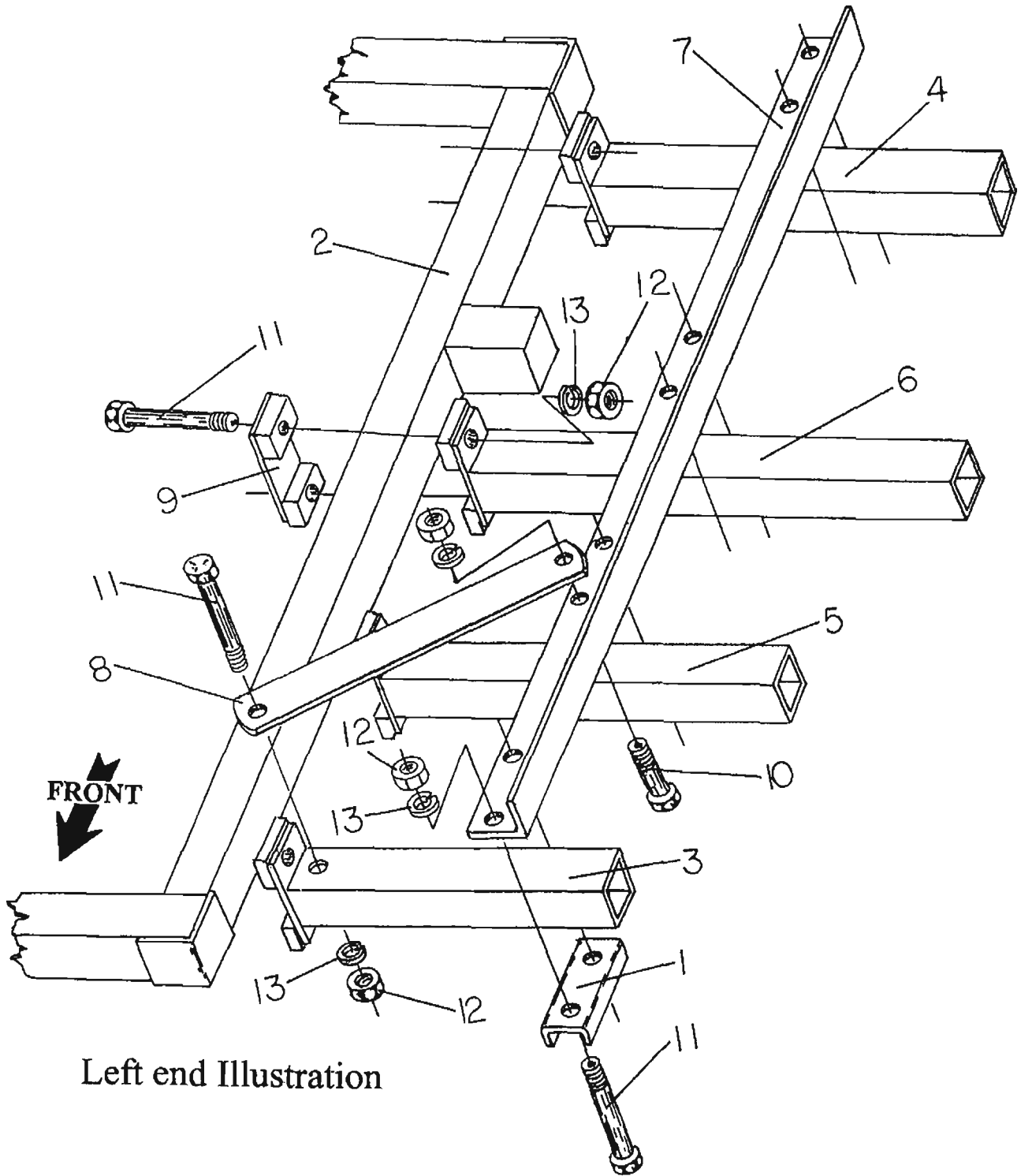
7 in. Spacing



Wing Extension Components 10 Shanks

Key	Part No.	Description
3	0403-090	Shank extension, 26".
4	0403-092	Shank extension, 33".
5	0403-093	Shank extension, 22".

Wing Extension Components 12 & 14 Shanks



Left end Illustration

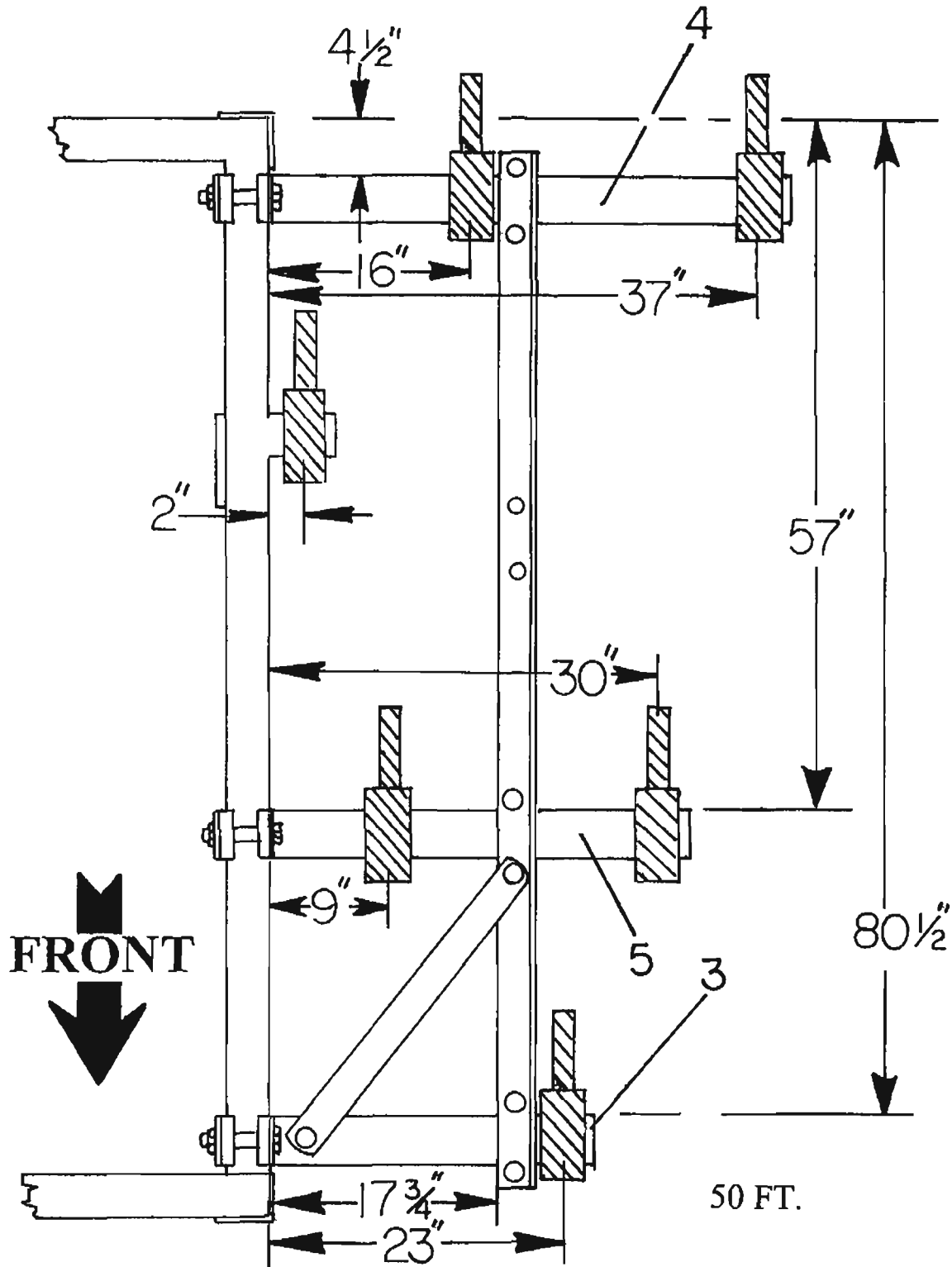
Wing Extension Components 12 & 14 Shanks

Key	Part No.	Description
1	0206-031	Clamp plate, 4-3/4" span, U-Formed
2	0403-040	Outer wing frame, Left, 7 FT.
	0403-041	Outer wing frame, Right, 7 FT.
3	0403-090	Shank extension, 26".
4	0403-091	Shank extension, 40".
5	0403-092	Shank extension, 33".
6	0403-095	Shank extension, 46".
7	0403-295	Shank mount support, Right.
	0403-298	Shank mount support, Left.
8	0403-299	Shank extension brace.
9	0410-079	Base plate.
10	7114-003	Cap screw, 5/8"NC x 1-1/4".
11	7114-055	Cap screw, 5/8"NC x 5-1/2".
12	7724-005	Hex nut, 5/8"NC.
13	7844-020	Lockwasher, 5/8".

Wing Extension Components

12 Shanks

7 in. Spacing



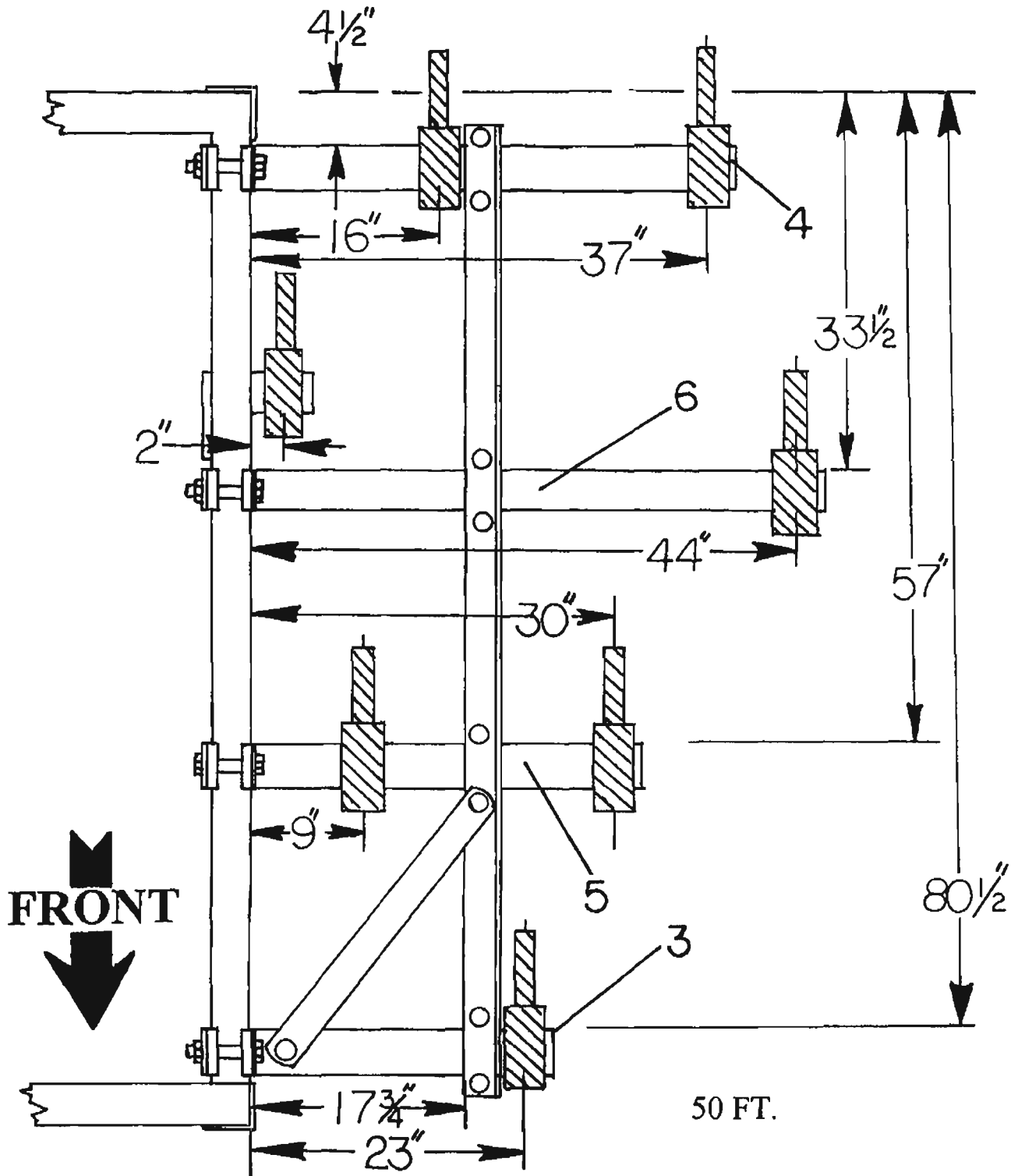
Wing Extension Components 12 & 14 Shanks

Key	Part No.	Description
3	0403-090	Shank extension, 26".
4	0403-091	Shank extension, 40".
5	0403-092	Shank extension, 33".
6	0403-095	Shank extension, 46".

Wing Extension Components

14 Shanks

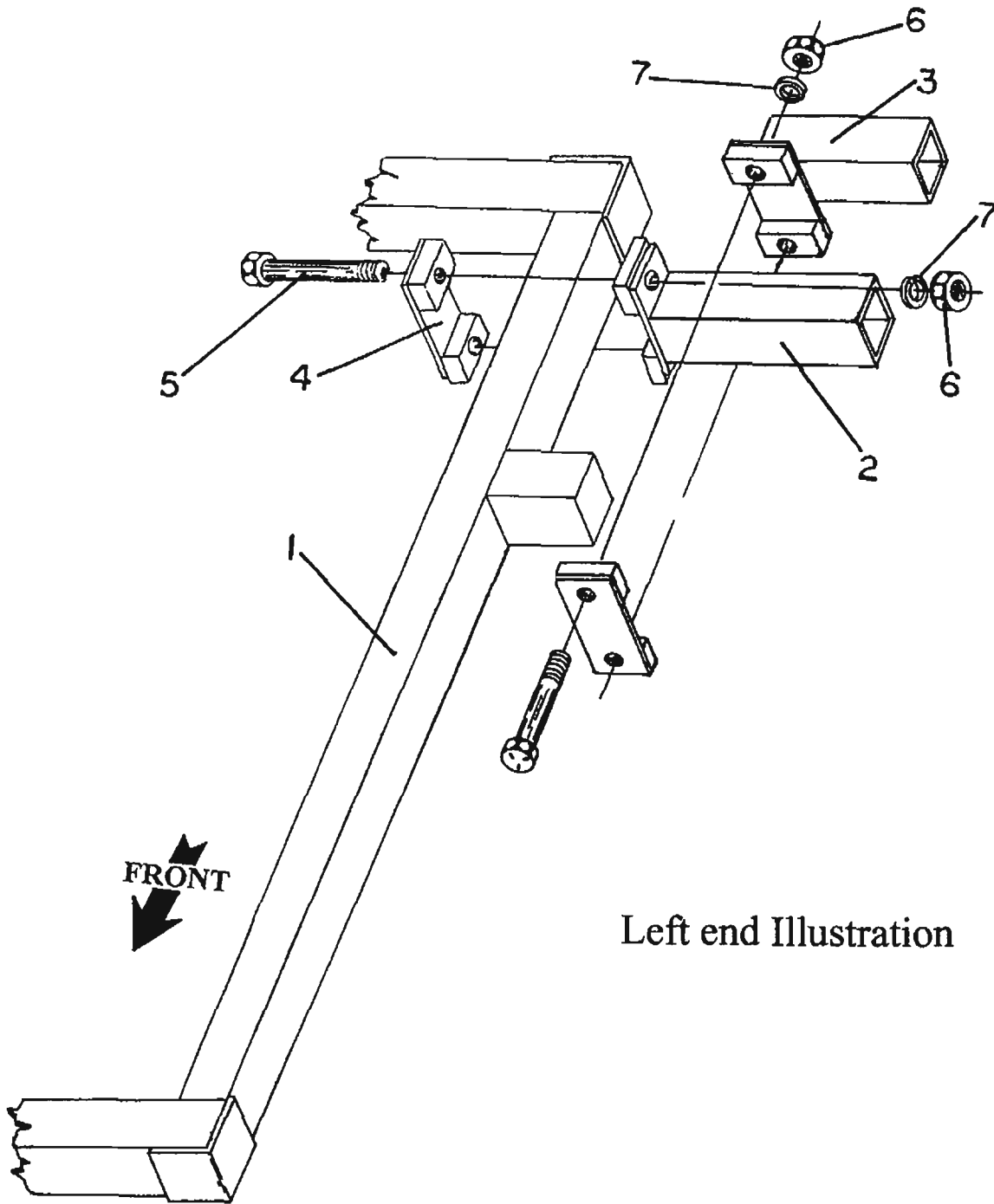
7 in. Spacing



Wing Extension Components 12 & 14 Shanks

Key	Part No.	Description
3	0403-090	Shank extension, 26".
4	0403-091	Shank extension, 40".
5	0403-092	Shank extension, 33".
6	0403-095	Shank extension, 46".

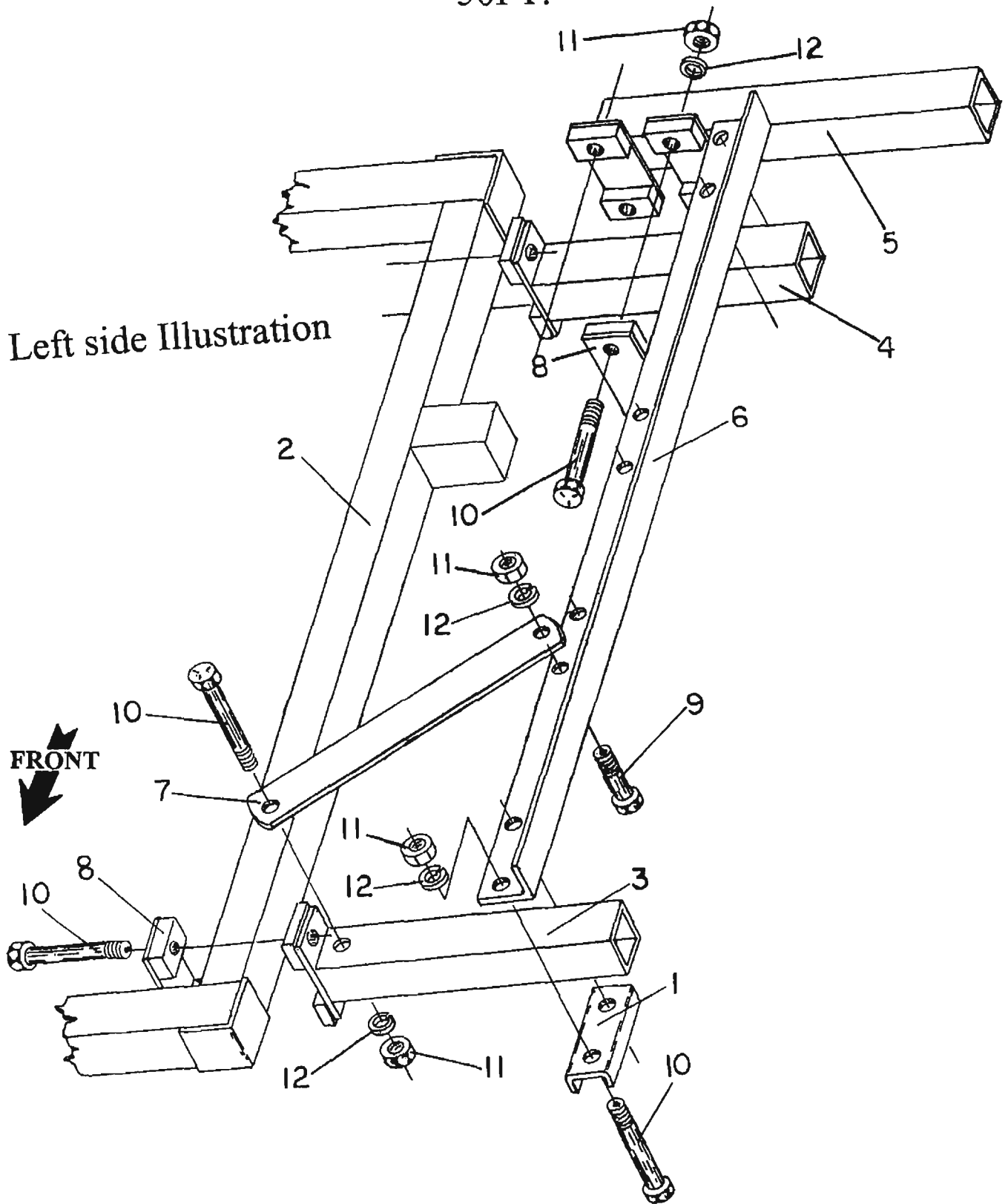
Harrow Mount Extension
6 Shanks or Less
45 & 50 FT.



Harrow Mount Extension
6 Shanks or Less
45 & 50 FT.

Key	Part No.	Description
1	0403-040	Outer wing frame, Left, 7 FT.
	0403-041	Outer wing frame, Right, 7 FT.
2	0403-094	Shank extension, 13".
3	0403-127	Harrow mount, 11"
4	0410-079	Base plate.
5	7114-055	Cap screw, 5/8"NC x 5-1/2".
6	7724-005	Hex nut, 5/8"NC.
7	7844-020	Lockwasher, 5/8".

Harrow Mount Extension
8 Shanks or More
50FT.



Harrow Mount Extension
8 Shanks or More
50FT.

Key	Part No.	Description
1	0206-031	Clamp plate,4-3/4" span, U-Formed.
2	0403-040	Outer wing frame,Left, 7 FT.
	0403-041	Outer wing frame, Right, 7 FT.
3	0403-090	Shank extension, 26".
4	0403-093	Shank extension, 22".
5	0403-128	Harrow mount, 36".
6	0403-295	Shank mount support, Right.
	0403-298	Shank mount support, Left.
7	0403-299	Shank extension brace.
8	0410-079	Base plate.
9	7114-003	Cap screw, 5/8"NC x 1-1/4".
10	7114-055	Cap screw, 5/8"NC x 5-1/2".
11	7724-005	Hex nut, 5/8"NC.
12	7844-020	Lockwasher, 5/8".

Part number page reference

Part No.	Description	Page No.
CW9-030	Caster wheel leg, Left.	17
CW9-031	Caster wheel leg, Right	19
CW9-034	Spindle platform	17,19
CW9-045	Shaft, 1-5/8" x 18".	17,19
CW9-067	Pad, wing lift stop.	47,53,55
CW9-555	Caster wheel leg assembly, Left	17
CW9-556	Caster wheel leg assembly, Right	19
0101-037	Hydraulic hose mast assembly	7,41,63
0106-211	Hydraulic hose mast	7
0200-147	Limit plate	17,19
0201-062	Shank mount, yoke	69
0201-065	Rear stand, 42-1/2".	7
0206-031	Clamp plate, 4" Span, U-Formed	7,17,19,77,81,85,93
0216-058	Mount plate	9,11
0400-020	Wing lift, 50Ft.	47,49,53,55
0400-025	Pivot arm	21,23,25,27,29,31,33,39
0400-032	Toggle, wing lift	47,49,53,55
0400-038	Spring mount	69
0400-040	Center frame walking beam, W/O hubs & spindles, Left	21,25
0400-041	Center frame walking beam, right, W/5419-122 Races	23,25,31
0400-048	Tandem wheel leg, W/O spindle, Inner wing, Left	35,37
0400-049	Tandem wheel leg, W/O Spindle, Inner wing, Right	35,37
0400-050	Walking beam assembly, Inner wing, Left	35,37
0400-051	Walking beam assembly, Inner wing, Right	35,37
0400-059	Center support bar	45
0400-062	Rear stand adjustment bracket	7
0400-063	Transport latch, 45Ft.	51
0400-065	Shank mount "T" type, prior to 1998	9
0400-082	Forward shank mount, Center frame	7
0400-083	Forward shank mount, Wing frames 9-1/2Ft.	9,11
0400-084	Forward shank mount, Wing frames 12Ft.	9,11
0400-085	8" 90 degree bolt on shank mount	7
0400-087	Forward shank mount, 66in ,Outer wings	13,15

Part No.	Description	Page No.
0400-548	Wheel leg assembly, W/walking beam & 6 bolt hubs , Left	29,35
0400-549	Wheel leg assembly, W/walking beam & 6 bolt hubs, Right	27,35
0400-550	Fixed shank assembly	69
0400-551	Walking beam frame only, Inner wing, Left	35,37
0400-552	Walking beam frame only, Inner wing, Right	35,37
0400-955	Mount plate	7
0403-004	Tongue, Right side	5,7
0403-005	Tongue, Left side	5,7
0403-020	Cross tongue	5,7
0403-035	Center frame [CF]	5,7,21,23,45,47,49,55,57
0403-036	Inner wing frame, Left, 12Ft.	5,29,47,51,53,59,65
0403-037	Inner wing frame, Right, 12Ft.	5,11,27,49,51,55,61,63,67
0403-038	Inner wing frame, Left, 9-1/2Ft.	5 ,29,47,51,59,65
0403-040	Outer wing frame, Left, 7Ft.	5,13,33,59,65,75,77,81,85,91,93
0403-041	Outer wing frame, Right, 7Ft.	5,15,61,67,75,77,81,85,91,93
0403-050	Tandem wheel leg, W/O spindle, Inner wing, Left	35,37
0403-051	Tandem wheel leg, W/O spindle, Inner wing, Right	35,37
0403-052	Center frame wheel leg, Left, W/O spindle	21,25
0403-053	Center frame wheel leg, Right, W/O spindle	23,25
0403-063	Walking beam frame only, Outer wing, Left	35,37
0403-064	Walking beam frame only, Outer wing, Right	35,37
0403-065	Wing lift, 45Ft.	47,49
0403-090	Shank extension, 26 in	77,79,81,83,85,87,89,93
0403-091	Shank extension, 40 in	85,87,89
0403-092	Shank extension, 33 in	81,83,85,87
0403-093	Shank extension, 22 in	75,77,79,81,83,93
0403-094	Shank extension, 13 in	75,77,79,91
0403-095	Shank extension, 46 in	85,87,89
0403-125	Wing transport stand, 45Ft.	51
0403-126	Cylinder actuator arm stop, 45Ft.	47,49
0403-127	Harrow mount, 11 in	91
0403-128	Harrow mount, 36 in	93
0403-129	Wing transport stand, 50Ft.	51,53,55

Part No.	Description	Page No.
0403-293	Mounting bracket, sequence valve	45
0403-294	Backing strap, sequence valve	45
0403-295	Shank mount support, Right	77,81,85,93
0403-296	Tongue brace plate	7
0403-298	Shank mount support, Left	77,81,85,93
0403-299	Shank extension brace	77,81,85,93
0403-332	Wheel leg assembly, Right, W/walking beam	31,35
0403-333	Wheel leg assembly, Left, W/walking beam	33,35
0403-350	Walking beam assembly, Outer wing, Left	35,37
0403-351	Walking beam assembly, Outer wing, Right	35,37
0403-365	Wing lift & stop assembly, Left, 45Ft.	47
0403-366	Wing lift & stop assembly, Right, 45Ft.	49
0403-385	Center frame wheel leg, Left, W/walking beam	21
0403-390	Center frame wheel leg, Right, W/walking beam	23
0403-395	Center frame walking beam assembly, Right, W/hubs	23,25
0403-400	Center frame walking beam assembly, Left, W/hubs	21,25
0410-033	Center support mount, Left	45
0410-034	Center support mount, Right	45
0410-048	Cylinder actuator arm	59,61,65,67
0410-069	Shank mount "L type", Prior to 1988	13,15
0410-079	Base plate	7,11,13,15,75,77,81,85,91,93
0410-082	Transport latch	51,57
0410-102	Support bar	59,61,65,67
0410-103	Cylinder lock	21,23,39
0410-106	Wing lift stop	47,49,53,55
0410-118	Depth wheel arm	17,19
0410-121	Adjustable link	39
0410-144	Block, wing lift stop	47,49,53,55
0410-175	Center brace, wing lift, Left	53
0410-176	Center brace, wing lift, Right	55
0410-440	Wing lift & stop assembly, Left, 50Ft.	47
0410-445	Wing lift & stop assembly, Right, 50Ft.	49
0410-510	Wing lift assembly	53,55
0410-581	Adjustable link assembly	21,23,27,29,31,33,39

Part No.	Description	Page No.
5123-002	Shank spring	69
5213-001	U-Bolt, 1/2"NC x 3"	53,55
5214-002	U-Bolt, 5/8"NC x 4-3/4" x 6"	45,47,49,51,53,55,57
5229-006	Ty-Rap, composit tie strap	41,63
5419-113	Outer bearing	17,37
5419-118	Outer cup	17,37
5419-122	Race	25
5419-125	Cup, bearing race	37
5419-126	Bearing	37
5419-127	Bearing	37
5419-141	Cup, inner	17,37
5419-142	Bearing cone, inner	17,37
5419-152	Bearing	25
5419-153	Race	25
5419-154	Bearing	25
5439-020	Seal, wheel leg assembly	37
5439-141	Seal	17,37
5439-151	Seal	25
5619-021	Hub assembly, 6 bolt	17,19
5619-022	Hub, 6 bolt	17
5619-025	8 bolt hub assembly	25
5619-026	Hub, 8 bolt	25
5629-001	Spindle, 3650, 2-1/8" butt	37
5639-026	Mounted tire, 7.60 x 15, 6 ply, Outer wing	35
5639-029	Tire & wheel, 7.60 x 15, 8 ply	17,19
5639-421	Wheel, 15 x 6H, F/6, 6 bolt hub	19,35
5639-426	Wheel, 15 x 8, 8 bolt	23
5639-583	Mounted tire, 9.5L x 15, 6 ply, Ribbed, Outer wing	35
5639-584	Tire mounted, 5639-426 wheel W/5649-062 tire	23
5639-588	Mounted tire, 11L x 15, 6 ply, ribbed, inner wing	35
5639-589	Tire mounted, 5639-426 wheel W/5649-503 tire	23
5649-009	Tire, 7.60 x 15, 6 ply Rib Impl	17,35
5649-060	Tire, 9.5L x 15, 6 ply Rib Impl	35
5649-062	Tire, 9.5L x 15, 8 ply, Rib Impl	23
5649-503	Tire, 11L x 15, 8 ply, Rib Impl	23
5649-504	Tire, 11L x 15, 6 ply, Rib Impl	35

Part No.	Description	Page No.
5818-030	Clevis pin bushing	45,47,49,53,55,59,61
5818-056	Hyd Cyl, 3-1/2 x 8, AB1262, Outer wing Right	31,39,41,43
5818-057	Hyd Cyl, 3-3/4 x 8, AB1256, Inner wing Right	27,39,41,43
5818-058	Hyd Cyl, 4 x 8, AB1250, Inner wing Left	29,39,41,43
5818-059	Hyd Cyl, 4-1/2 x 8, AB1244, Outer wing Left	33,39,41,43
5818-060	Hyd Cyl, 4-3/4 x 8, AB1238, Center frame Left	21,39,41,43
5818-061	Hyd Cyl, 5 x 8, AB1232, Center frame Right	23,39,41,43
5818-330	Hyd Cyl, 3 x 8, prior to 1988	59,61,65,67
5818-510	Hyd Cyl, 5 x30, prior to 1988	47,49,53,55,59,61,65,67
5818-580	Hyd Cyl, 5 x 24, prior to 1988	45,47,49,53,55,63
5818-600	Hyd Cyl, 3 x 8, 1988 to date	59,61,65,67
5818-610	Hyd Cyl, 5 x 24, 1988 to date	45,47,49,53,55,63
5818-615	Hyd Cyl, 5 x 30, 1988 to date	47,49,53,55,59,61,65,67
5833-101	Tee, 1/2" x 1/2" x 1/2	63,65
5833-110	Hex nipple, 1/2"	63,65
5842-602	Line restrictor valve, 1/16" Orifice, code Green	63
5843-235	1/2" Male quick coupler	63
5843-400	1/2" Straight swivel union	63,65
5845-800	Reducer bushing, 3/4"M to 1/2"F	63,65
5846-092	1/2" 90 degree O-Ring swivel union, W/1/16" Orifice	65,67
5846-095	1/2" 90 degree O-Ring swivel union	21,23,27,31,39,41,63,65,67
5859-050	Cushion valve	63,65
5859-100	Sequence valve	45,63,65,67
5919-900	Tongue, pull eye	7
5939-003	Shank	69
5949-012	Point, reversible, bolt on	69
5952-625	Sweep blade, 1/4" x 9"	69
6123-002	Spring with inserts, assembly	69
6133-007	Bushing	47,49,53,55
6136-627	Bushing, 1-1/2"OD x 1-9/32"ID x 7/16"	27,29,31,33,35
6136-675	Bushing, 1.75"OD x 1.531"ID x .438	21,23,33
6146-013	Bushing,	31,39,41,43
6329-005	Tongue jack, agricultural	7
6469-020	Dust cap	25
6487-007	Set collar, 1-11/16"ID	17,19

Part No.	Description	Page No.
6628-016	Spindle, wheel leg	25
6628-017	Spindle, walking beam	25
6628-018	Spindle, walking beam, Inner wing	37
6628-019	Spindle, walking beam, Outer wing	37
6822-222	3/8" Hose, 1/2"MM, 22in.	65,67
6822-226	3/8" Hose, 1/2"MM, 2Ft-2in	63
6822-230	3/8" Hose, 1/2"MM, 2Ft-6in	65,67
6822-236	3/8" Hose, 1/2"MM, 3Ft-0in	63
6822-262	3/8" Hose, 1/2"MM, 5Ft-2in	63
6822-272	3/8" Hose, 1/2"MM, 6Ft-0in	63
6822-274	3/8" Hose, 1/2"MM, 6Ft-11in	65,67
6822-279	3/8" Hose, 1/2"MM, 6Ft-9in, 45Ft & 50Ft.	41
6822-280	3/8" Hose, 1/2"MM, 7Ft-8in, 45Ft.	63,65,67
6822-283	3/8" Hose, 1/2"MM, 8Ft-6in	67
6822-304	3/8" Hose, 1/2"MM, 10Ft-2in	63,65,67
6822-341	3/8" Hose, 1/2"MM, 11Ft-0in	67
6822-345	3/8" Hose, 1/2"MM, 11Ft-8in, 45Ft & 50Ft.	41
6822-362	3/8" Hose, 1/2"MM, 13Ft-6in	65
6822-395	3/8" Hose, 1/2"MM, 16Ft-0in	65
6822-403	3/8" Hose, 1/2"MM, 17Ft-6in, 45Ft.	41
6822-440	3/8" Hose, 1/2"MM, 20Ft-0in, 45Ft.	63
6822-446	3/8" Hose, 1/2"MM, 18Ft-6in, 50Ft.	41
6822-476	3/8" Hose, 1/2"MM, 23Ft-0in, 50Ft.	63
6822-517	3/8" Hose, 1/2"MM, 25Ft-3in, 45Ft.	41
6822-528	3/8" Hose, 1/2"MM, 27Ft-0in, 50Ft.	41
6822-629	3/8" Hose, 1/2"MM, 31Ft-10in, 50Ft.	41
6822-635	3/8" Hose, 1/2"MM, 44Ft-0in, 45Ft.	41
6822-641	3/8" Hose, 1/2"MM, 49Ft-10in, 50Ft.	41
6896-100	Depth stop, white 1" med.	43
6896-125	Depth stop, green, 1-1/4" med.	43
6896-150	Depth stop, blue, 1-1/2" med.	43
6896-175	Depth stop, red, 1-3/4" med.	43
6896-200	Depth stop, yellow, 2" med.	43
6897-100	Depth stop, white, 1" large	43
6897-125	Depth stop, green, 1-1/4" large	43
6897-150	Depth stop, blue, 1-1/2" large	43
6897-175	Depth stop, red, 1-3/4" large	43
6897-200	Depth stop, yellow, 2" large	43

Part No.	Description	Page No.
6899-402	Medium size A, Depth stop kit	23,31,39,43
6899-502	Large size B, Depth stop kit	23,31,39,43
7113-119	Tap bolt, 1/2"NC x 3-1/2" full thread.	69
7113-121	Cap screw, 1/2"NC x 3-3/4"	17,19,69
7113-127	Cap screw, 1/2"NC x 5"	47,49,53,55
7113-129	Cap screw, 1/2"NC x 5-1/2"	69
7114-003	Cap screw, 5/8"NC x 1-1/4"	77,81,85
7114-030	Cap screw, 5/8"NC x 3-1/2"	17,19
7114-040	Cap screw, 5/8"NC x 4"	25,37
7114-050	Cap screw, 5/8"NC x 5"	25,37
7114-055	Cap screw, 5/8"NC x 5-1/2"	7,9,11,13,15,75,77,81,85,91,93
7114-109	Cap screw, 5/8"NC x 2"	7
7115-025	Cap screw, 3/4"NC x 2-1/2"	21,27,29,31,33
7115-050	Cap screw, 3/4"NC x 5"	21,23,27,29,31,33
7115-067	Cap screw, 3/4"NF x 5"	69
7115-076	Cap screw, 3/4"NC x 6"	7,9,11,17,19
7116-030	Cap screw, 1"NC x 3"	7,9,11
7120-075	Flat head screw, 5/16"NC x 3/4"	47,49,53,55
7272-058	No. 3 Plow bolt, 7/16"NC x 1-1/2"	69
7333-006	Lug bolt, 1/2" x 1"	17,19,37
7333-009	Lug bolt, 9/16"NF x 1-1/4"	23,25
7707-001	Lock nut, N-08	25,37
7715-871	Hex nut, 7/8"NC	39
7715-875	Slotted nut, 7/8"NF	17,25,37
7717-255	Hex Nylock nut, 1-1/4"NC	7,9,11,27,29,31,33
7717-555	Hex Nylock nut, 1-1/2"NC	21,23
7722-015	Hex nut, 7/16"NC	69
7723-015	Hex nut, 1/2"NC	7,17,19,47,49,53,55
7723-216	Hex lock nut, 1/2"NC	69
7724-005	Hex nut, 5/8"NC	7,9,11,13,15,17,19,25,37,47,49,51,53,55,57
7724-120	Hex lock nut, 5/8"NC	7,69

Part No.	Description	Page No.
7725-002	Hex nut, 3/4"NC	7,9,11,17,19,21,23,27,29,31,33
7725-122	Hex lock nut, 3/4"NF	69
7725-138	Hex jam nut, 7/8"NC	39
7726-012	Hex Nylock nut, 1"NC	7,9,11,13,15,49,53,55,59,61
7807-001	Ear washer, W-08	25,37
7813-015	Flat washer, 1/2"	47,49,53,55
7815-014	Flat washer, 7/8" A-325 Hardened	37
7815-025	Flat washer, 7/8"	25
7816-020	Cut washer, 1", Pivot link	21,23,27,29,31,33,39,59,61
7842-010	Lock washer, 3/8"	45
7843-015	Lock washer, 1/2"	17,19,47,49,53,55,69
7844-020	Lock washer, 5/8"	7,9,11,13,15,25,37,49,51,53 55,57,69,75,77,81,85,91,93
7845-020	Lock washer, 3/4"	7,9,11,17,19,21,23,,27,29,31,33,39
7896-250	Machine bushing, 1-1/4" x 10ga, NR	27,29,31,33
7896-500	Machine bushing, 1-1/2" x 10ga, NR	7,21,23
7897-015	Machine bushing, 1-5/8" x 10ga, NR	17,19
7910-162	Cotter pin, 5/32" x 1-1/2"	17,25,37
7920-002	Hitch pin, #8, Cylinder lock	21,23,39,51,57
7920-006	Lock pin, Pull eye	7
7920-012	Snap pin, 1/2" x 4"	7
8036-025	Pin, tongue pull eye, 1-1/2" x 5-1/2"	7
8036-801	Pin, wing lock	51,57
8115-013	Cap screw, 3/4"NC x 14-1/2"	7
8116-003	Bolt, 1"NC x 6-1/4", W/Nylock nut	47,49,53,55,59,61
8116-006	Bolt, 1-1/4"NC x 10-1/2", W/Nylock nut	7
8116-018	Bolt, 1"NC x 5, W/Nylock nut	45,47,53,55,59,61
8116-032	Bolt, 1-1/4"NC x 7", W/Nylock nut	9,11
8116-046	Bolt, 1"NC x 7-7/8", W/Nylock nut	13,15
8116-601	Bolt, 1"NC x 5-3/4", W/Nylock nut	47,49,53,55,59,61
8116-802	Bolt, 1-1/4"NC x 3-1/4"	27,29,31,33,35
8116-803	Bolt, 1-1/2"NC x 4-1/8", W/Nylock nut	21,23