

**Woody Log Loader
Operator's Manual
Models: 130 HD - 150
HD - 170 HD**

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Woody Equipment Inc.

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Introduction

Congratulations on your purchase of a Woody Log Loader. Woody Equipment designs and manufactures equipment according to very strict criteria. This equipment is intended for professional use in the agricultural and forestry sectors.

Even if you have experience with this type of product, we recommend that you read these instructions carefully. These instructions contain important information on safety and efficiency and to ensure the validity of the factory guarantee.

Woody Equipment reserves the right to modify and / or improve its equipment and maintenance instructions, as well as to revise data without notice.

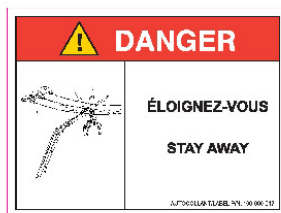
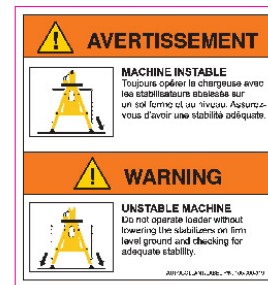
Write down the serial number, model number, purchased date, dealer name, and sales representative's name. Keep this information available for ordering parts as well as for any technical assistance or warranty issue.

Serial number	
Model number	
Purchased date	
Dealer	
Sales representative	



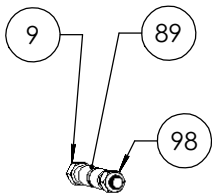
Warning

The following symbols used in this manual are to warn the operator of the dangers connected to the use of this machinery. Follow the safety instructions to avoid any risk of serious injury or death.

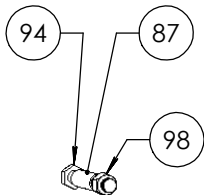




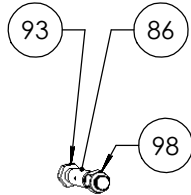
130-HD Loader Parts List



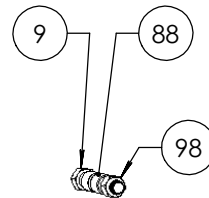
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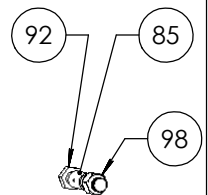
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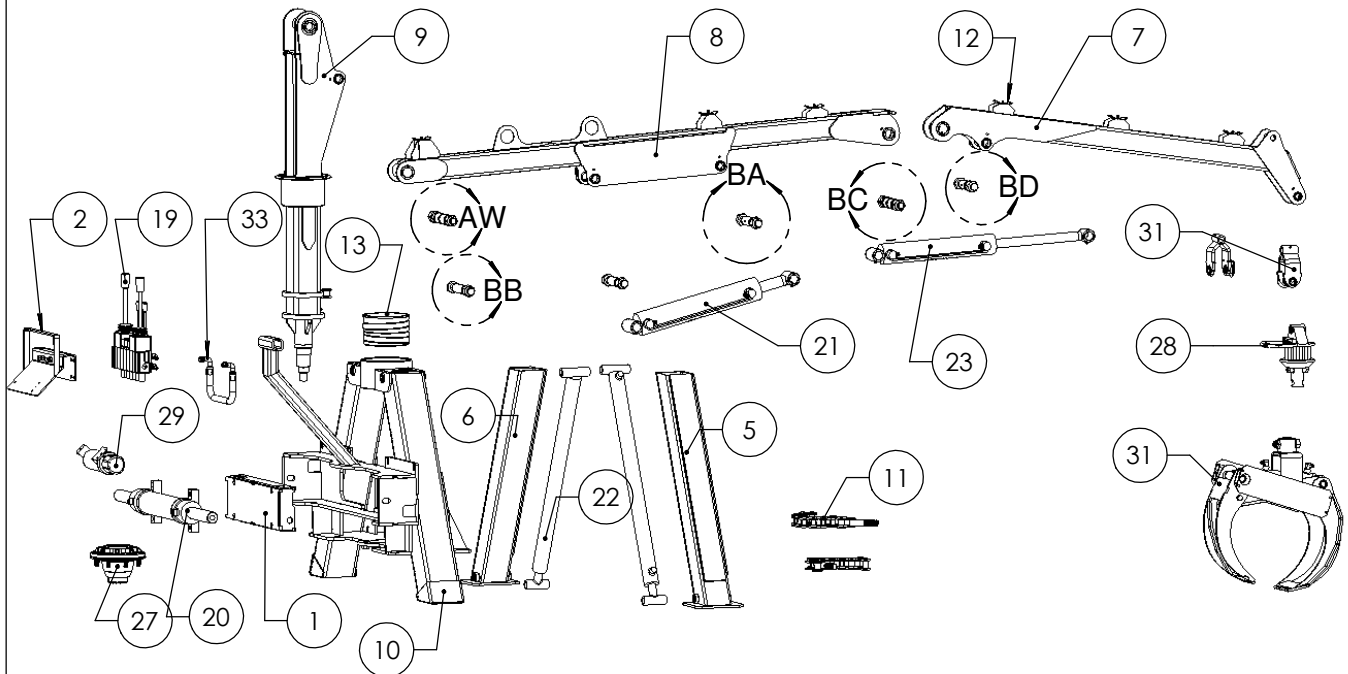
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DETAIL BC
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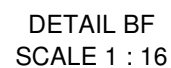
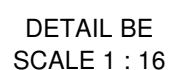
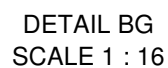
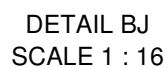
DETAIL BD
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130 HD Loader Parts List

Item	Part #	Description	Qty
1	60-020-30	Loader swing slider 130,150 & 170	1
2	60-010-04	Loader control valve support 115, 125, 130,150 & 170	1
3	60-006-09	Loader main boom pin 130,150 & 170	1
4	60-006-08	Loader stick boom pin 130,150 & 170	1
5	60-018-06	Loader telescopic stabilizers 130,150 & 170	1
6	60-018-05	Loader stabilizer	1
7	60-018-04	Loader stick boom 130 HD	1
8	60-018-03	Loader main boom 130 HD	1
9	60-018-02	Loader column 130 HD & HDT	1
10	60-018-14	Loader A-Frame 130 HD	1
11	60-004-08	Rotation chain 130 & 150	2
12	60-000-060	Hose lock	6
13	200010	Rotation plastic sleeve	1
14	89-24-20-44-D22-00	Plastic tubing 1 1/2" O.D.	1
15	89-24-20-60-D30-00	Plastic tubing 1 1/2" O.D.	2
16	89-24-20-76-D38-00	Plastic tubing 1 1/2" O.D.	1
17	89-28-24-64-D32-00	Plastic tubing 1 3/4" O.D.	1
18	89-28-24-80-D40-00	Plastic tubing 1 3/4" O.D.	1
19	130240	Anti-shock Q30/7 control	1
20	121080	Double action hydraulic cylinder 3 1/2" X 19 1/2"	1
21	120652	Hydraulic cylinder 3 1/2" x 18" stroke	1
22	120232	Hydraulic cylinder 2" x 36" stroke	2
23	120482	Hydraulic cylinder 3" x 16" stroke	1
24	300280	Bolt 1 1/4"-12 x 7" long	1
25	300281	Bolt 1 1/4"-12 x 8" long	2
26	300290	Bolt 1 1/4"-12 x 9" long	1
27	306401	10000 lb. Hub, 8 nuts assembly	1
28	199309	GR30 Rotator	1
29	400500	Document holder	1
30	301530	Nylon nut 1 1/4"-12	6
31	57-000-04	Grapple yoke	1
32	57-002	36" Grapple	1
33	140040-020-100600-100600	Assembly Hose 1/2" - 20" Long	1



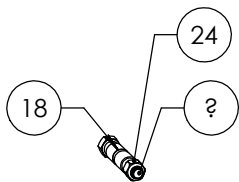


130 HDT Loader Parts List

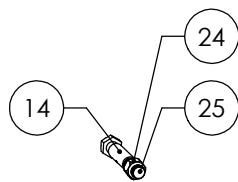
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1	60-020-30	Loader swing slider 130,150 & 170	1
2	60-010-04	Loader control valve support 115, 125, 130,150 & 170	1
3	60-006-09	Loader main boom pin 130,150 & 170	1
4	60-006-08	Loader stick boom pin 130,150 & 170	1
5	60-004-08	Rotation chain 130 & 150	2
6	60-018-06	Loader telescopic stabilizer 130,150 & 170	1
7	60-030-09	Telescopic boom 130	1
8	60-018-05	Loader telescopic stabilizer	1
9	60-030-01	Loader stick boom 130 HDT	1
10	60-030-02	Loader main boom 130 HDT	1
11	60-018-02	Loader column 130 HD & HDT	1
12	60-018-14	Loader A-Frame 130 HD	1
13	60-000-060	Hose lock	7
14	200010	Rotation plastic sleeve	1
15	89-24-20-44-D22-00	Plastic tubing 1 1/2" O.D.	1
16	89-24-20-60-D30-00	Plastic tubing 1 1/2" O.D.	2
17	89-24-20-76-D38-00	Plastic tubing 1 1/2" O.D.	1
18	89-28-24-64-D32-00	Plastic tubing 1 3/4" O.D.	1
19	89-28-24-80-D40-00	Plastic tubing 1 3/4" O.D.	1
20	130250	Q30/8 Control assembly	1
21	121080	Double action hydraulic cylinder 3 1/2" X 19 1/2"	1
22	300280	Bolt 1 1/4"-12 x 7" Long	1
23	300281	Bolt 1 1/4"-12 x 8" Long	2
24	300290	Bolt 1 1/4"-12 x 9" Long	1
25	140040-020-100600-100600	Hose assembly 1/2" - 20" long	1
26	400500	Document holder	1
27	199309	GR30 Rotator	1
28	120232	Hydraulic cylinder 2" x 36" stroke	2
29	120652	Hydraulic cylinder 3 1/2" x 18" stroke	1
30	120482	Hydraulic cylinder 3" x 16" stroke	1
31	120230	Hydraulic cylinder 2" x 36" stroke	1
32	306401	10000 lb. Hub, 8 nuts assembly	1
33	301530	Nylon nut 1 1/4"-12	6
34	57-002	36" Grapple	1
35	57-000-04	Grapple yoke	1



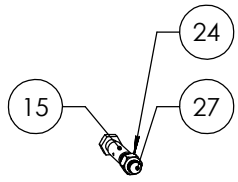
150-HD Loader Parts List



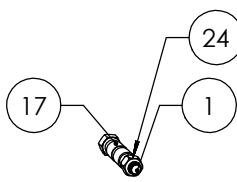
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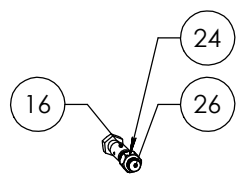
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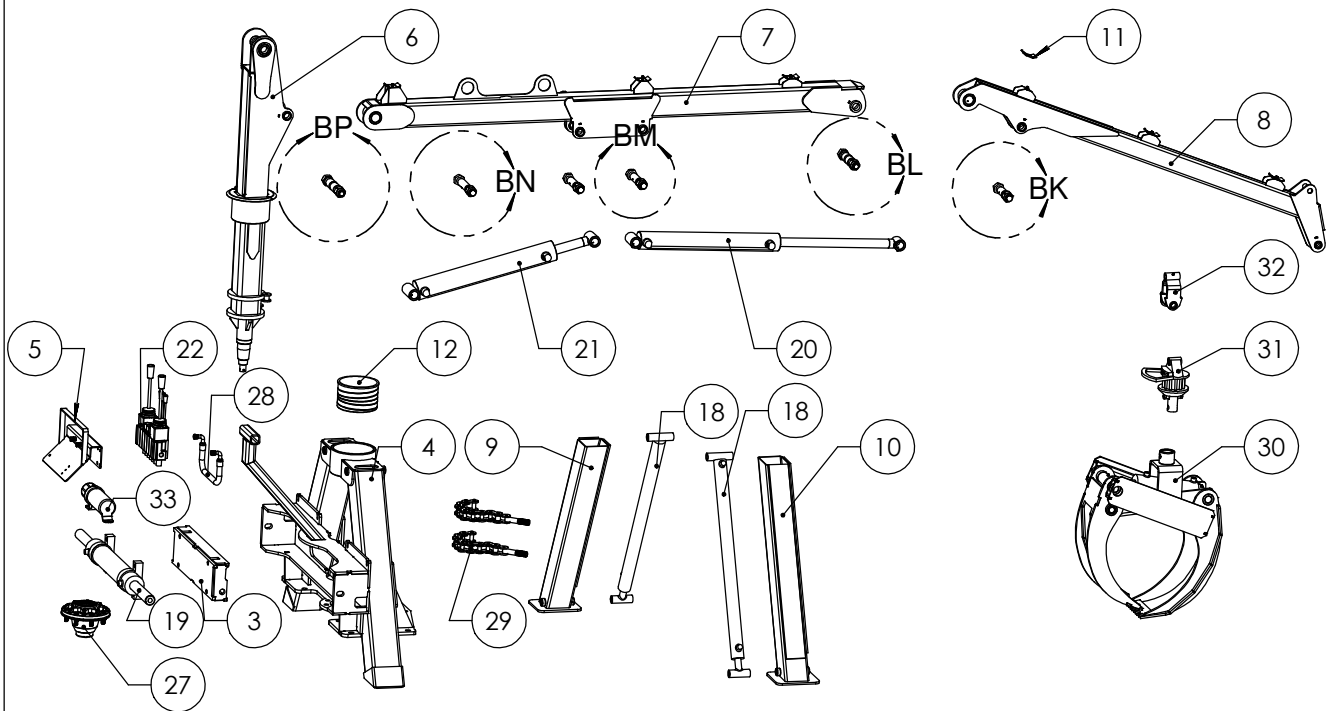
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DETAIL BL
SCALE 1 : 18



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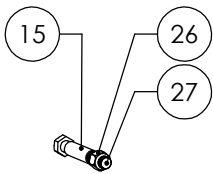


150-HD Loader Parts List

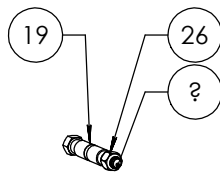
Item	Part #	Description	Qty
1	60-006-08	Loader stick boom pin 130,150 & 170	1
2	60-006-09	Loader main boom pin 130,150 & 170	1
3	60-020-30	Loader swing slider 130,150 & 170	1
4	60-019-11	Loader A-Frame 150 HD	1
5	60-010-04	Loader control valve support 115, 125, 130,150 & 170	1
6	60-019-02	Loader column 150 HD	1
7	60-019-03	Loader main boom 150 HD	1
8	60-019-04	Loader stick boom 150 HD	1
9	60-018-05	Loader telescopic stabilizer	1
10	60-018-06	Loader telescopic stabilizer 130,150 & 170	1
11	60-000-060	Hose lock	6
12	60-004-08	Rotation chain CH-130 & 150	2
13	200010	Rotation plastic sleeve	1
14	89-24-20-76-D38-00	Plastic tubing 1 1/2" O.D.	1
15	89-24-20-60-D30-00	Plastic tubing 1 1/2" O.D.	2
16	89-24-20-44-D22-00	Plastic tubing 1 1/2" O.D.	1
17	89-28-24-64-D32-00	Plastic tubing 1 3/4" O.D.	1
18	89-28-24-80-D40-00	Plastic tubing 1 3/4" O.D.	1
19	120232	Hydraulic cylinder 2" x 36" stroke	2
20	121080	Double action hydraulic cylinder 3 1/2" X 19 1/2"	1
21	120512	Hydraulic cylinder 3" x 24" stroke	1
22	120672	Hydraulic cylinder 3 1/2" x 24" stroke	1
23	130240	Anti-shock Q30/7 control	1
24	301530	Nylon nut 1 1/4"-12	6
25	300290	Bolt 1 1/4"-12 x 9"	1
26	300280	Bolt 1 1/4"-12 x 7"	1
27	300281	Bolt 1 1/4"-12 x 8"	2
28	306401	10000 lb. Hub, 8 nuts assembly	1
29	140040-020-100600-100600	Hose assembly 1/2" - 20"	1
30	57-004	52" Grapple	1
31	199309	GR30 Rotator	1
32	57-000-04	Grapple yoke	1
33	400500	Document holder	1



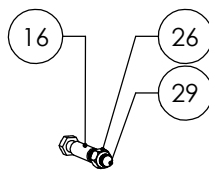
150 HDT Loader Parts List



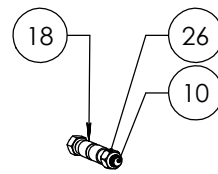
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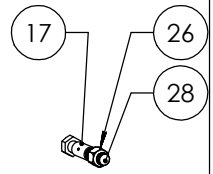
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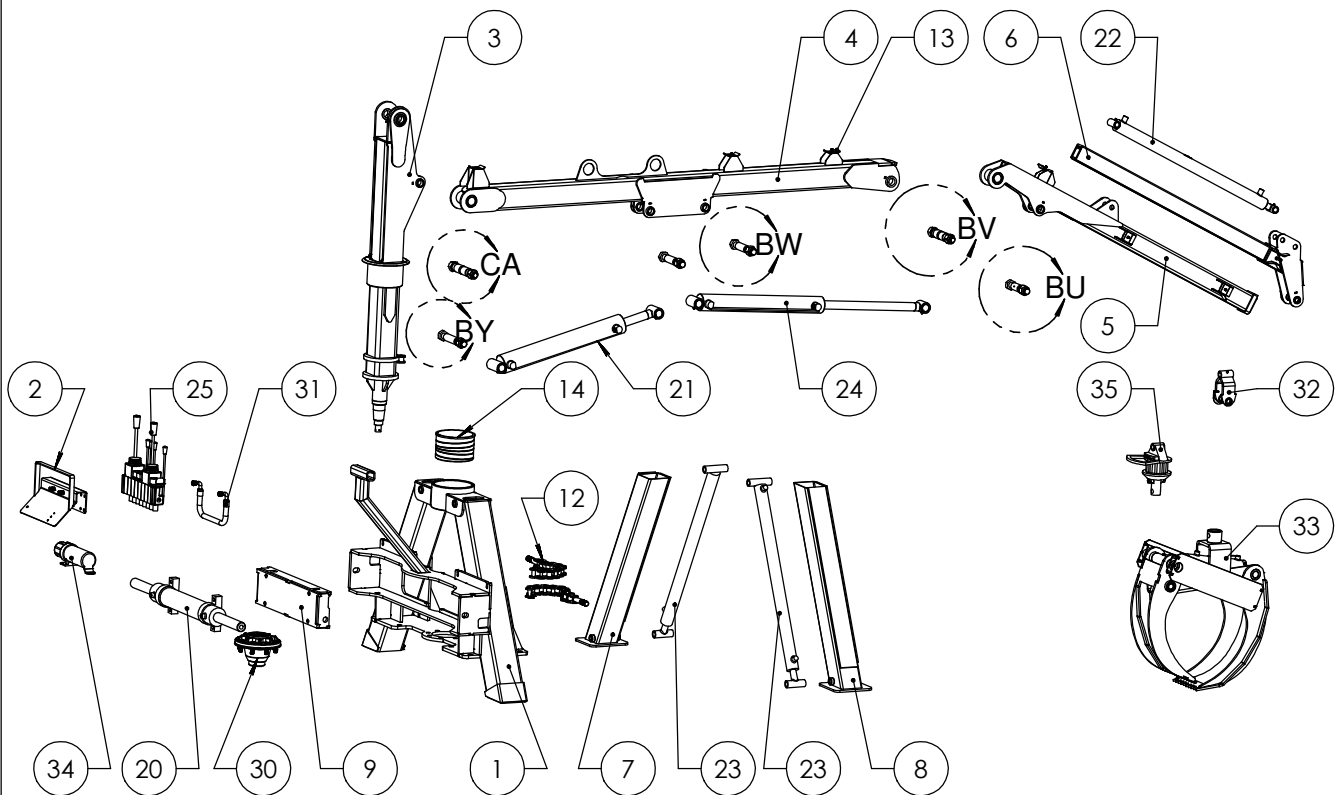
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DETAIL BU
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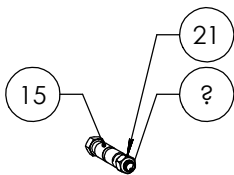


150 HDT Loader Parts List

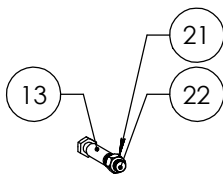
Item	Part #	Description	Qty
1	60-019-11	Loader A-Frame 150 HD	1
2	60-010-04	Loader control valve support 115, 125, 130,150 & 170	1
3	60-019-02	Loader column 150 HDT	1
4	60-031-02	Loader Main boom 150 HDT	1
5	60-031-01	Loader Stick boom 150 HDT	1
6	60-031-06	Telescope	1
7	60-018-05	Loader telescopic stabilizer	1
8	60-018-06	Loader telescopic stabilizer 130,150 & 170	1
9	60-020-30	Loader swing slider 130,150 & 170	1
10	60-006-08	Loader stick boom pin 130,150 & 170	1
11	60-006-09	Loader main boom pin 130,150 & 170	1
12	60-004-08	Rotation chain 130 & 150	2
13	60-000-060	Hose lock	6
14	200010	Rotation plastic sleeve	1
15	89-24-20-76-D38-00	Plastic tubing 1 1/2" O.D.	1
16	89-24-20-60-D30-00	Plastic tubing 1 1/2" O.D.	2
17	89-24-20-44-D22-00	Plastic tubing 1 1/2" O.D.	1
18	89-28-24-64-D32-00	Plastic tubing 1 3/4" O.D.	1
19	89-28-24-80-D40-00	Plastic tubing 1 3/4" O.D.	1
20	121080	Double hydraulic cylinder 3 1/2" X 19 1/2"	1
21	120672	Hydraulic cylinder 3 1/2" x 24" stroke	1
22	120230	Hydraulic cylinder 2" x 36" stroke	1
23	120232	Hydraulic cylinder 2" x 36" stroke	2
24	120512	Hydraulic cylinder 3" x 24" stroke	1
25	130250	Anti-shock Q30/8 control	1
26	301530	Nylon nut 1 1/4"-12	6
27	300290	Bolt 1 1/4"-12 x 9"	1
28	300280	Bolt 1 1/4"-12 x 7"	1
29	300281	Bolt 1 1/4"-12 x 8"	2
30	306401	10000 lb. Hub, 8 nuts assembly	1
31	140040-020-100600-100600	Hose assembly 1/2" - 20"	1
32	57-000-04	Grapple yoke	1
33	57-004	52" Grapple	1
34	400500	Document holder	1
35	199309	GR30 Rotator	1



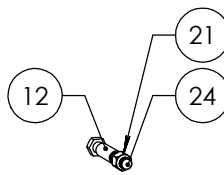
170 HD Loader Parts List



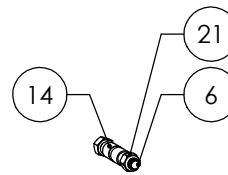
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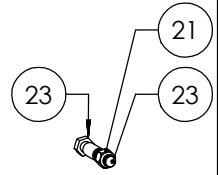
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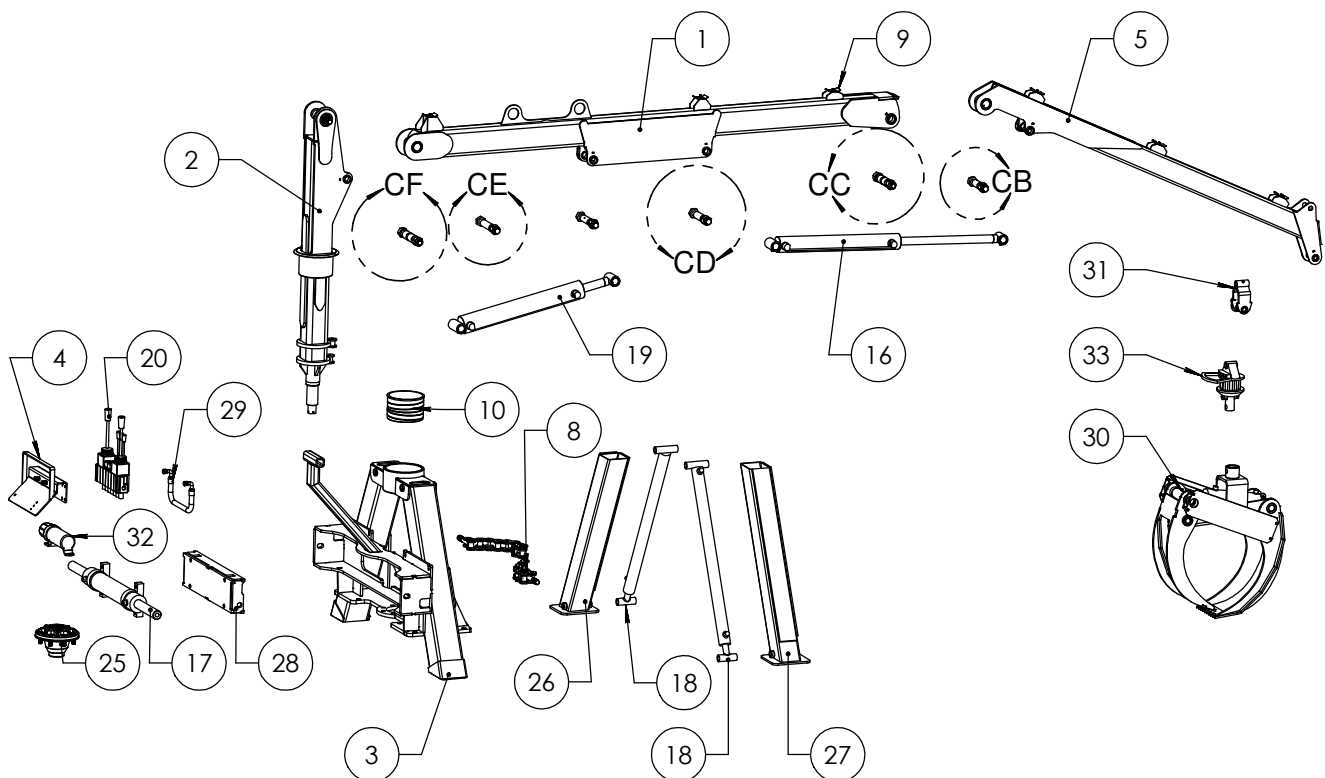
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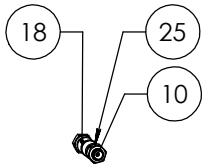


170 HD Loader Parts List

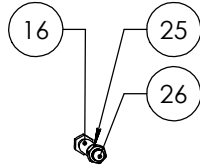
Item	Part #	Description	Qty
1	60-020-03	Loader main boom 170 HD	1
2	60-020-02	Loader column 170 HD	1
3	60-020-10	Loader A-Frame 170	1
4	60-010-04	Loader control valve support 115, 125, 130,150 & 170	1
5	60-024-04	Loader stick boom 170 HD	1
6	60-006-08	Loader stick boom pin 130,150 & 170	1
7	60-006-09	Loader main boom pin 130,150 & 170	1
8	60-020-22	Loader rotation chain 170 HD	2
9	60-000-060	Hose lock	6
10	200010	Rotation plastic sleeve	1
11	89-24-20-44-D22-00	Plastic tubing 1 1/2" O.D.	1
12	89-24-20-60-D30-00	Plastic tubing 1 1/2" O.D.	2
13	89-24-20-76-D38-00	Plastic tubing 1 1/2" O.D.	1
14	89-28-24-64-D32-00	Plastic tubing 1 3/4" O.D.	1
15	89-28-24-80-D40-00	Plastic tubing 1 3/4" O.D.	1
16	120512	Hydraulic cylinder 3" x 24" stroke	1
17	121080	Double action hydraulic cylinder 3 1/2" X 19 1/2"	1
18	120232	Hydraulic cylinder 2" x 36" stroke	2
19	120672	Hydraulic cylinder 3 1/2" x 24" stroke	1
20	130240	Anti-shock Q30/7 control	1
21	301530	Nylon nut 1 1/4"-12	6
22	300290	Bolt 1 1/4"-12 x 9"	1
23	300280	Bolt 1 1/4"-12 x 7"	1
24	300281	Bolt 1 1/4"-12 x 8"	2
25	306401	10000 lb. Hub, 8 nuts assembly	1
26	60-018-05	Loader telescopic stabilizer	1
27	60-018-06	Loader telescopic stabilizer 130,150 & 170	1
28	60-020-30	Loader swing slider 130,150 & 170	1
29	140040-020-100600-100600	Hose assembly 1/2" - 20" long	1
30	57-004	52" Grapple	1
31	57-000-04	Grapple yoke	1
32	400500	Document holder	1
33	199309	GR30 Rotator	1



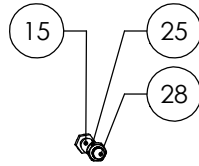
170 HDT Loader Parts List



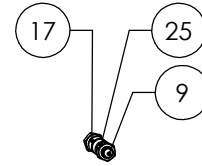
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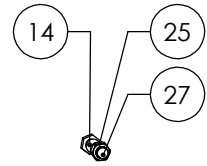
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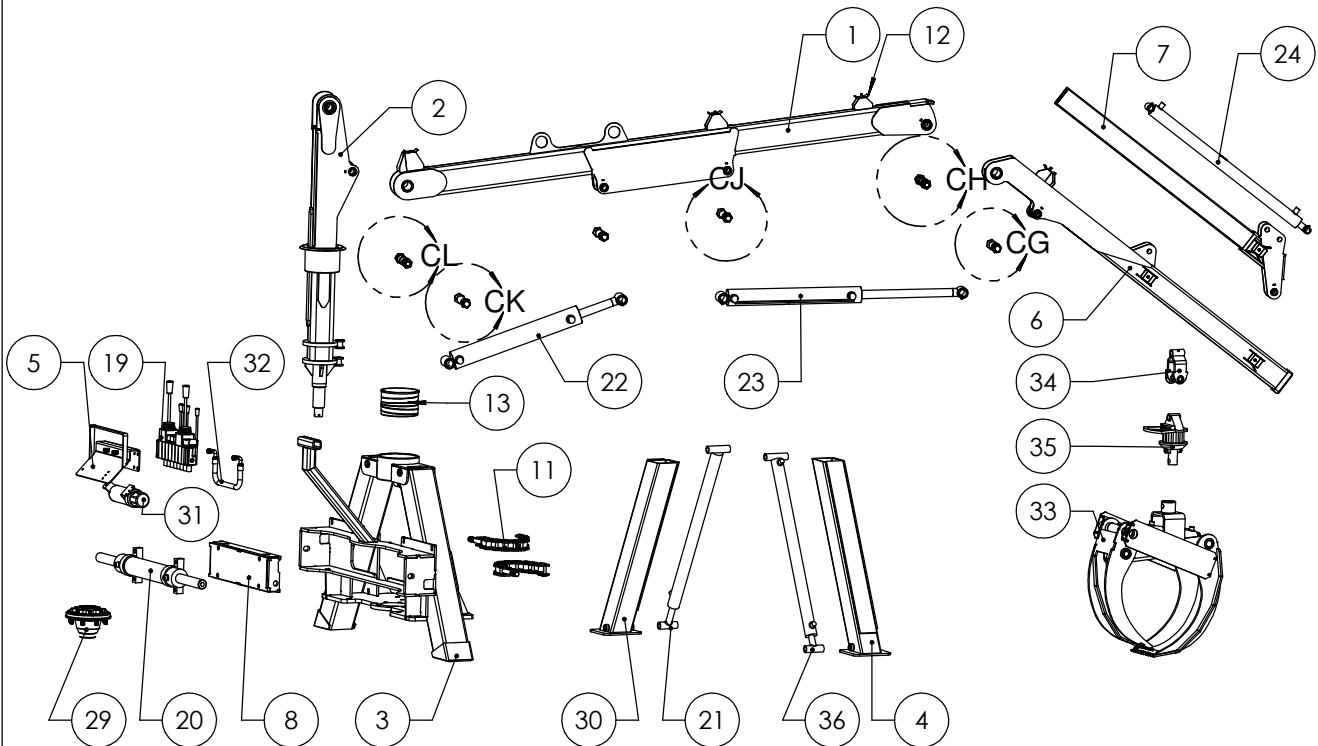
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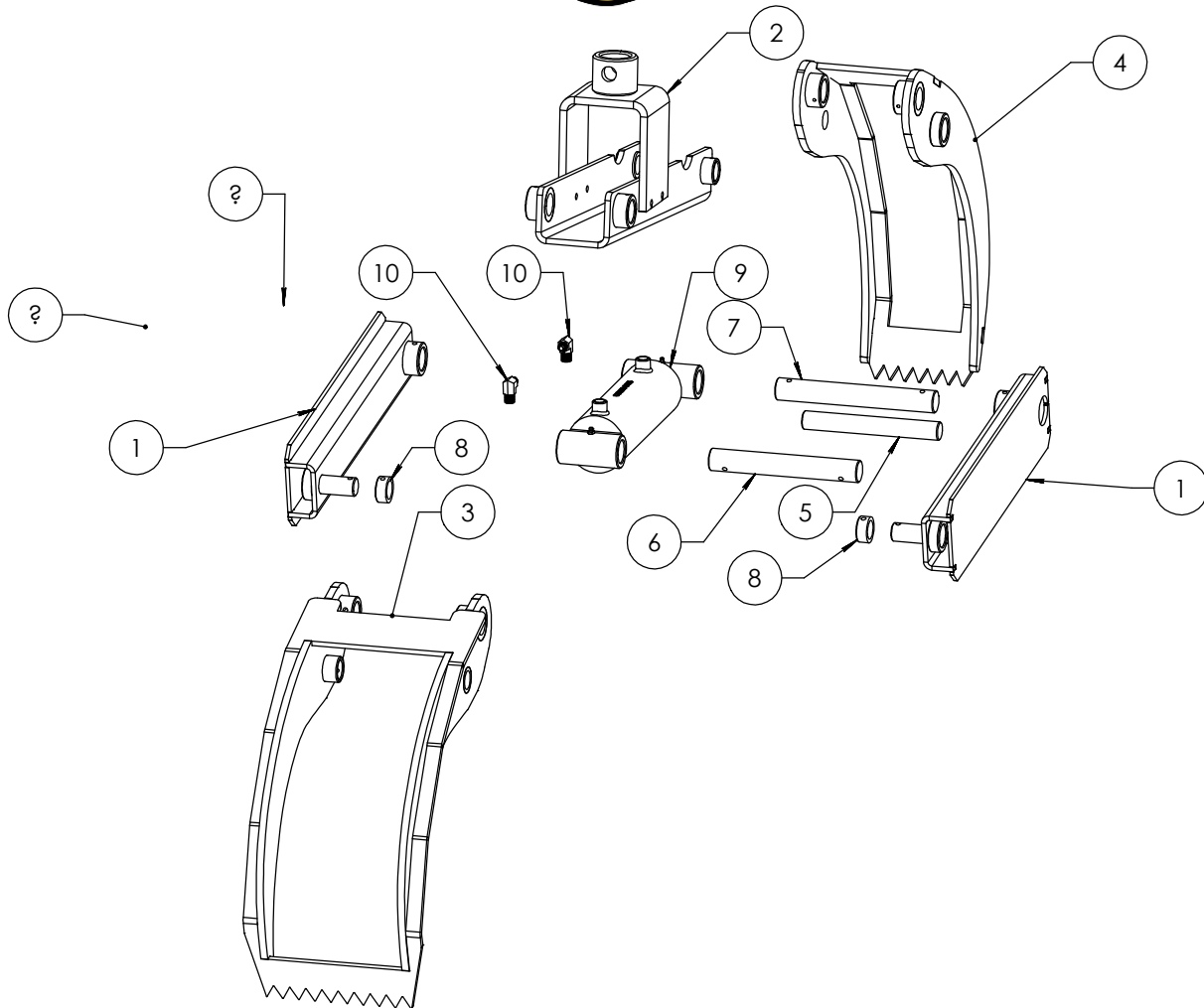
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170 HDT Loader Parts List

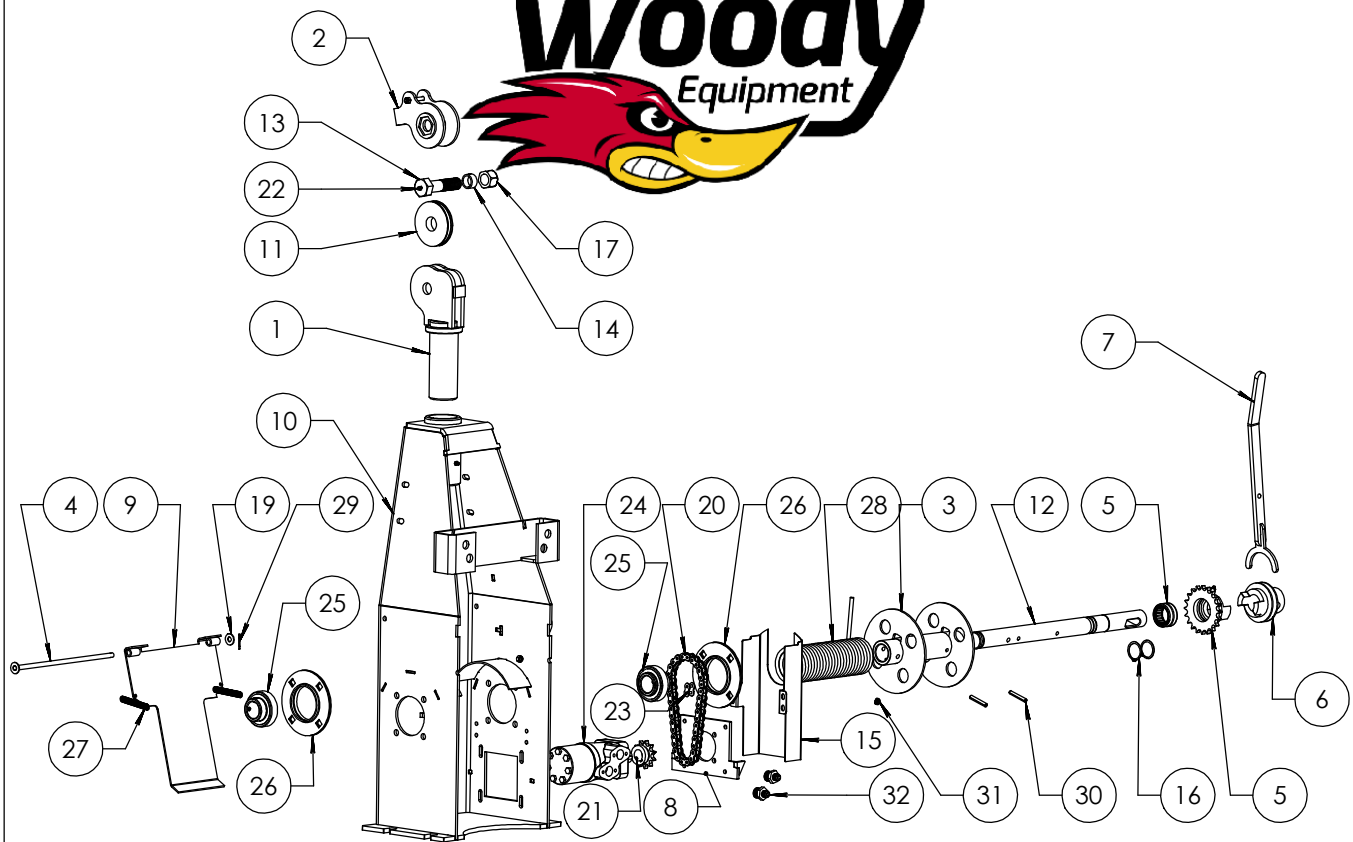
Item	Part #	Description	Qty
1	60-032-02	Loader main boom 170 HDT	1
2	60-020-02	Loader column 170 HDT	1
3	60-020-10	Loader A-Frame 170	1
4	60-018-06	Loader telescopic stabilizer 130,150 & 170	1
5	60-010-04	Loader control valve support 115, 125, 130,150 & 170	1
6	60-032-01	Loader stick boom 170 HDT	1
7	60-032-07	Telescope 170	1
8	60-020-30	Loader swing slider 130,150 & 170	1
9	60-006-08	Loader stick boom pin 130,150 & 170	1
10	60-006-09	Loader main boom pin 130,150 & 170	1
11	60-020-06	Rotation chain	2
12	60-000-060	Hose lock	7
13	200010	Rotation plastic sleeve	1
14	89-24-20-44-D22-00	Plastic tubing 1 1/2" O.D.	1
15	89-24-20-60-D30-00	Plastic tubing 1 1/2" O.D.	2
16	89-24-20-76-D38-00	Plastic tubing 1 1/2" O.D.	1
17	89-28-24-64-D32-00	Plastic tubing 1 3/4" O.D.	1
18	89-28-24-80-D40-00	Plastic tubing 1 3/4" O.D.	1
19	130250	Q30/8 Control assembly	1
20	121080	Double action hydraulic cylinder 3 1/2" X 19 1/2"	1
21	120232	Hydraulic cylinder 2" x 36" stroke	2
22	120672	Hydraulic cylinder 3 1/2" x 24" stroke	1
23	120512	Hydraulic cylinder 3" x 24" stroke	1
24	120230	Hydraulic cylinder 2" x 36" stroke	1
25	301530	Nylon nut 1 1/4"-12	6
26	300290	Bolt 1 1/4"-12 x 9"	1
27	300280	Bolt 1 1/4"-12 x 7"	1
28	300281	Bolt 1 1/4"-12 x 8"	2
29	306401	10000 lb. Hub, 8 nuts assembly	1
30	60-018-05	Loader telescopic stabilizer	1
31	400500	Document holder	1
32	140040-020-100600-100600	Hose assembly 1/2" - 20" long	1
33	57-004	52" Grapple	1
34	57-000-04	Grapple yoke	1
35	199309	GR30 Rotator	1



Parts list Grapple 52"

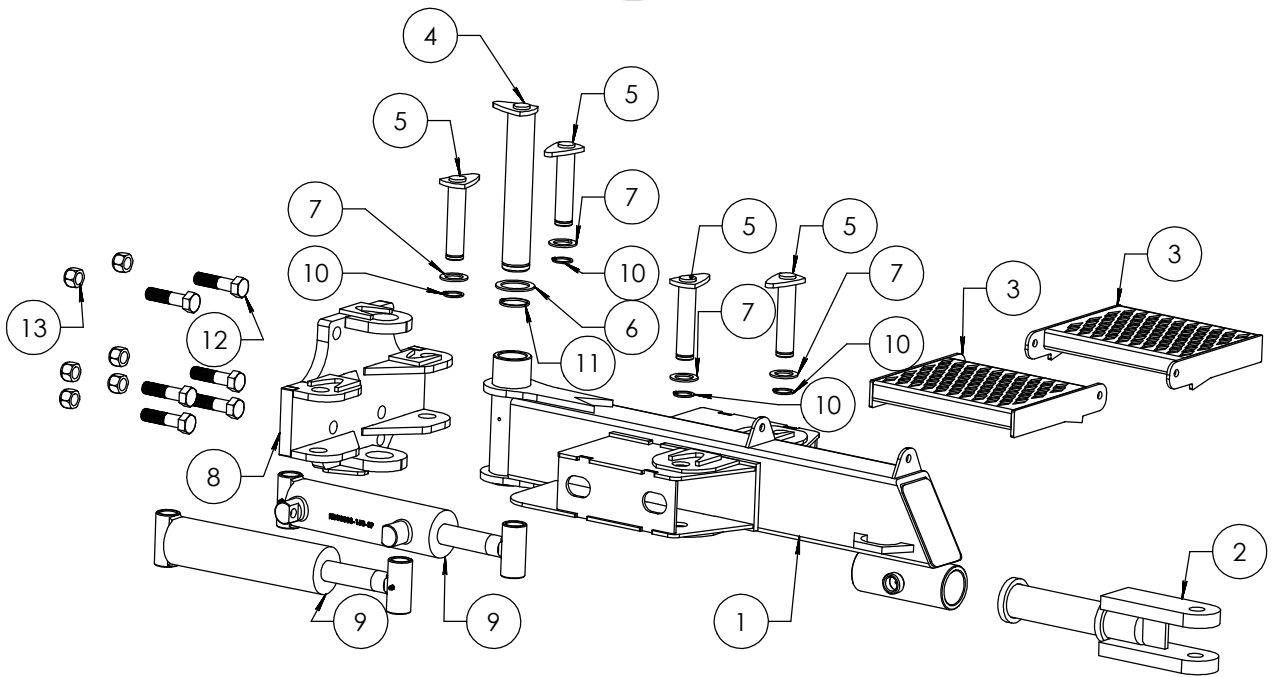
Item	Parts #	Description	Qty
1	57-004-04	Side plate grapple	2
2	57-004-01	Grapple 52" center	1
3	57-004-13	Wide finger grapple	1
4	57-004-12	Little finger grapple	1
5	86-20-152	Rod 1 1/4" O.D.	1
6	86-24-166-E18-00-E148-00	Rod 1 1/2" O.D.	1
7	86-24-177-E14-00-E163-00	Rod 1 1/2" O.D.	1
8	96-28-20-12-E06-00	1 3/4" O.D. x .242" (1.266" I.D.)	2
9	120602	Hydraulic cylinder 3 1/2" Dia. x 8" stroke	1
10	100900	Elbow 90° - Male JIC 37° - Male NPT - 9/16" x 3/8"	2

Les équipements **Woody** Equipment



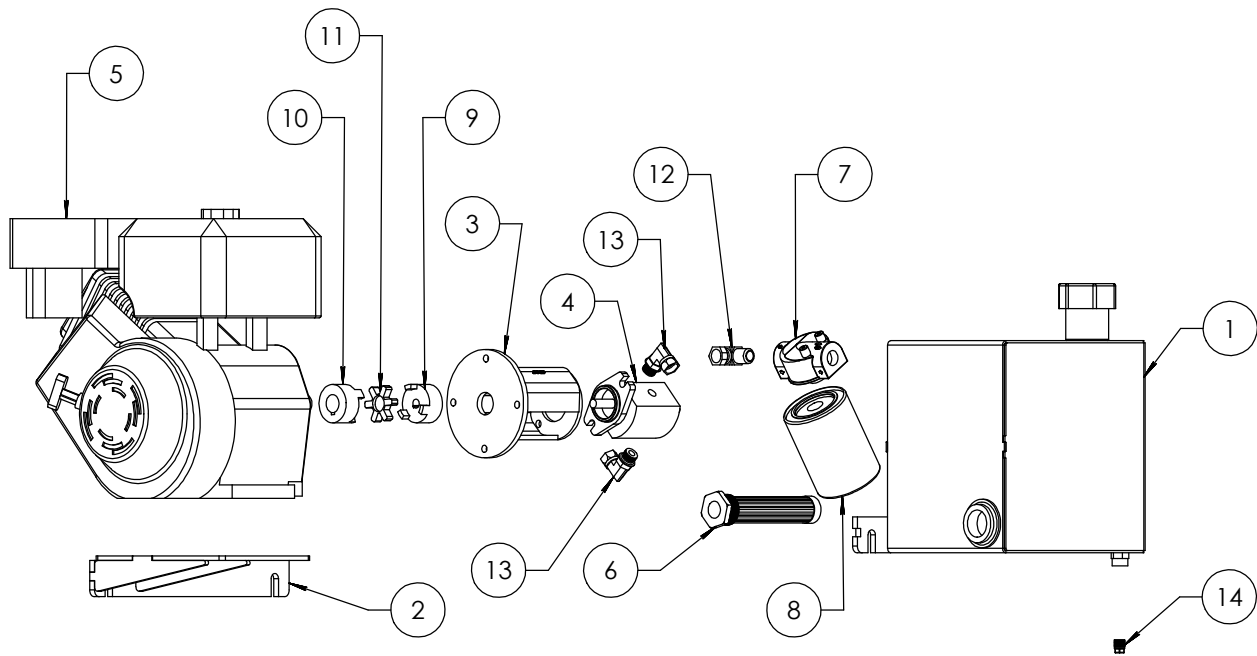
Parts list Winch 6000lbs

Item	Part#	Description	Qty
1	58-007-02	Winch head	1
2	58-000-04	Swivel head fixation- large, medium, small	1
3	58-000-05	Winch roller- large, Medium	1
4	58-007-03	Cable tensioner pin	1
5	58-000-06	Winch fixed clutch- Large, Medium, Small	1
6	58-000-07	Winch fixed clutch- Large, Medium, Small	1
7	58-000-08	Clutch arm- Large, Medium	1
8	58-000-01	Winch motor support- Large, Medium	1
9	58-007-05	Winch tensioner- Large, Medium	1
10	58-007-04	36" Winch housing	1
11	58-000-024	Modified pulley	1
12	58-000-020	36" Winch roller axis	1
13	58-000-006	Modified bolt	1
14	58-007-019	Plastic tubing 1 1/4" O.D.	1
15	58-005-011	Winch protector	1
16	307036	Snap-Ring 1 1/2"	2
17	301500	Nylon nut 1"-8	1
18	300700	Bolt 5/16"-18 x 1"	1
19	301350	Washer 3/8"	2
20	1RIV 50	Chaine series #50 - 36 rollers	1
21	150010	Gear wheel #50-11 teeth heavy duty	1
22	310020	Zote 1/4"-28	2
23	309030	Quik linck #50	1
24	108070	Hydraulic motor 315cc	1
25	150040	Bearing insert	2
26	150151	Flange bearing	2
27	309200	Spring	2
28	304010	Nylon cable 5/16" x 110' long	1
29	195-145	Cotter pin 3/32 DIA. X 3/4" LG.	1
30	310880	Spring pin 5/16" O.D. x 2"	2
31	VSPC-06-08	Screw allen 3/8" Dia. X 1/2" Long	1
32	102710	Male 3/8" - JIC x Male 7/8" - ORB	2



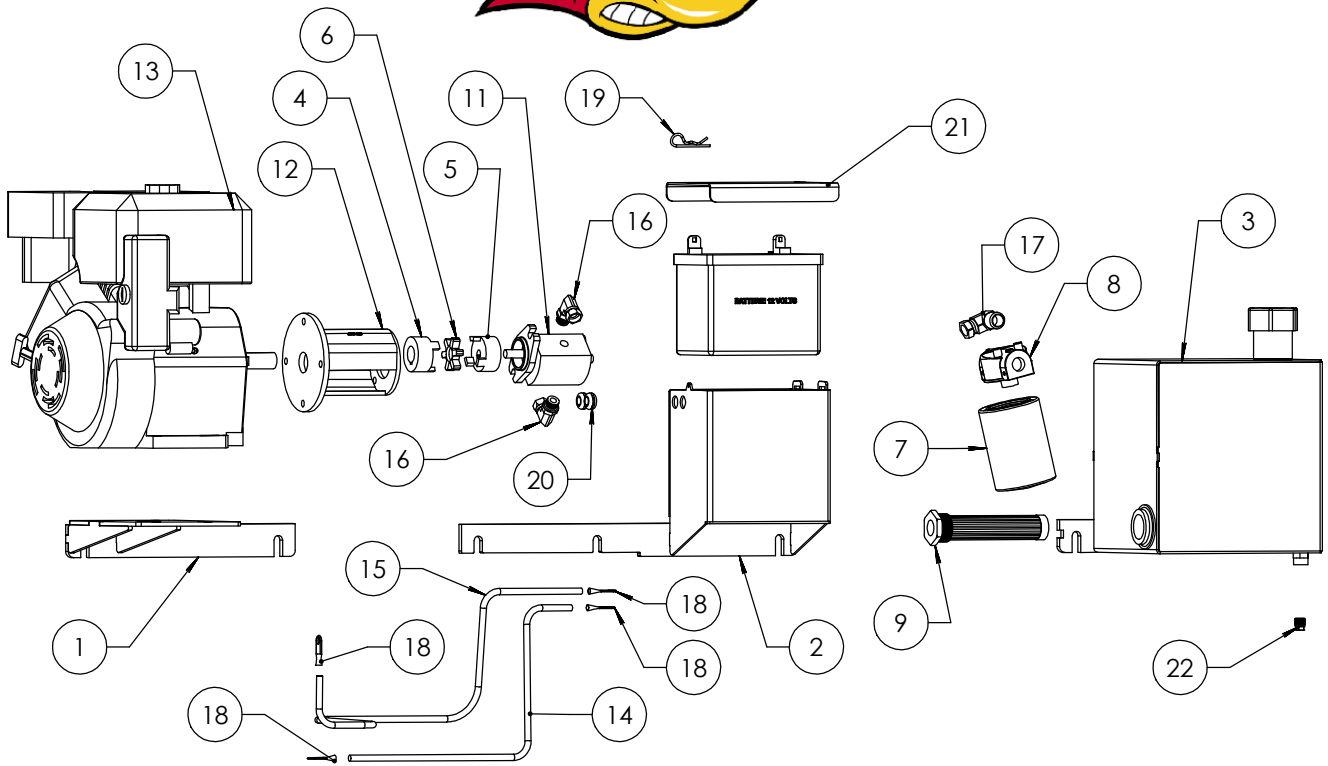
Parts list Double directional

Item	Parts #	Description	Qty
1	59-076-23	Double directional frame	1
2	59-003-08	Hitch	1
3	59-076-09	Deck span 9.5	2
4	59-076-08	Pivot lock	1
5	59-076-04	Pivot lock	4
6	59-076-034	Washer	1
7	59-076-035	Washer	4
8	59-076-06	Pivot double directional	1
9	CU3008-0453	Hydraulic cylinder 3" Dia. x 8" Stroke	2
10	307063	Snap-Ring 1 1/4"	4
11	307075	Snap-Ring 2"	1
12	301020	Bolt 7/8"-9 x 3 1/2"	6
13	301590	Nylon nut 7/8"-9	6



Parts list Power Unite 9HP GPM 5

No.	# Pièces	Nom	Qts
1	53-003-01	Oil tank	1
2	53-003-03	Support a moteur	1
3	106010	bell housing	1
4	108230	Galtech pump 1 SPA 5.0	1
5	108020	Motor 9 HP	1
6	190020	Strainer LTM -10-100	1
7	190060	Head oil filter CP-750-10P	1
8	190050	Oil filter CP-750-10P	1
9	140320	Love joy 1/2"	1
10	140300	Love joy 1"	1
11	140360	Love joy insert L095	1
12	101300	Elbow 90° NPSM Fem SWI x NPT Male - 1/2" x 1/2"	1
13	101420	Elbow 90° - Male ORB 1/2" - Fem NPSM Swivel 3/8"	2
14	102820	Plug 1/2 NPT	1



Parts list Power Uinté 13HP 6.3GPM

No.	# de pièce	Nom	Qté
1	53-003-03	Engine support	1
2	53-003-02	Battery support	1
3	53-003-01	Oil tank	1
4	140300	Love joy 1"	1
5	140320	Love joy 1/2"	1
6	140360	Love joy insert L095	1
7	190050	Oil filter CP-750-10P	1
8	190060	Head oil filter CP-750-10P	1
9	190020	Strainer LTM -10-100	1
10	150070	Battery 12 Volts	1
11	108240	SPA 6.3	1
12	106010	Bell housing	1
13	108040	Motor 13hp	1
14	310802	Electric wire 4 Ga black	1
15	310803	Electric wire 4GA red	1
16	101420	Elbow 90° - Male ORB 1/2" - Fem NPSM Swivel 3/8"	2
17	101310	Elbow 90° NPSM Fem SWI x NPT Male - 1/2" x 3/4"	1
18	310804	W-EL-TER-4-38	4
19	310831	RK Pin 1/8 x 2 1/4" Long	1
20	307081	Insulating rubber washer	2
21	53-001-035	Battery box top	1
22	102820	Plug 1/2 NPT	1



Operation

General safety rules:

Read this instruction manual carefully before starting the loader. The technical data in this manual contains important information. Improper use can result in injury and damage to the machine.

Using a loader requires increased knowledge and experience. You must learn and know the behavior of the loader and practice using it. Study and practice the movement patterns with small loads until you master the machine completely. Stop all operations immediately if any bystanders enter the work zone (20 m).

Woody loaders are intended for normal use in the agricultural and forestry sectors. They must be used only by persons trained in the handling of this type of machinery.

- . Before connecting the loader to the tractor's hydraulic system, you must read the tractor's instruction manual to ensure proper connections.
- . Be extremely careful when connecting the loader to the tractor or the trailer to the tractor, as well as when detaching it.
- . When operating, make sure everyone remains in the safety zone, outside of the loader risk area. The operator must have full visibility of the work zone.
- . When operating, do not insert your hand or any other part of your body into the machine or under the load. Do not risk getting stuck between the different parts of the log loader or between the tractor and the trailer.
- . Do not forget to raise the stabilizers before moving the equipment.
- . When loading, always engage the tractor handbrake.
- . Never leave the boom in a raised position without having control of the loader.
- . Never use the loader to pull, push or hit.
- . Be particularly careful when loading and unloading heavy materials.
- . Never use the loading device during transport.
- . To stop the machine, lower the loader boom and grapple on a firm surface, turn off the engine, engage the handbrake and remove the key from the ignition to prevent unauthorized use.
- . The loader is not intended for lifting people.
- . Be very careful when loading or unloading near high voltage lines. Keep a safe distance from live cables.



Safety Instructions

If the overload protection of the hydraulic system is not properly adjusted or certain system functions are altered, safety cannot be ensured.

- . Always lower the hydraulic stabilizers before each operation to avoid overturning.
- . Always check that any unauthorized personnel remains outside the work risk area.
- . Never stand under a suspended load.
- . Make sure that the tractor and trailer are always on firm ground so that there is no risk of overturning. When loading, use the stabilizers to prevent tilting of the loader.
- . Make sure you always have a visual view of the work area.
- . Do not work in conditions where you may get your fingers caught or hurt yourself.

When there is a risk of overturning, immediately lower the stick boom with the control lever.

- . Hold the lever in this position until the load is on the ground. Do not interrupt the lowering movement as the risk of overturning will increase if the load stops abruptly.
- . If the tractor rolls over, follow the instructions in the cab. Do not jump out of the cab. You could end up under the load during a fall or under the tractor.

Note: Even if the stabilizers have been lowered to the ground, the risk of overturning is greater when the trailer is empty or partially loaded.

Cracks in hydraulic hoses

- . In the event of pressure loss in the hydraulic fluid or cracks in the hydraulic hoses, you must immediately shut down the tractor engine and lower the load to the ground. Stop the hydraulic flow. Repair the leak.
- . If the main pressure hose between the tractor and the control system is cracked, you must interrupt the oil flow by disconnecting the lever control associated with the tractor's hydraulic distributor or by shutting off the engine with the OFF button.



Safety Instructions

Driving on the Road

Observe the following instructions to avoid any risk of accident.

Position during Transport

- . If there is no load, position the loader boom as low as possible on the trailer. Make sure that the grapple and the rotator are firmly attached to the trailer, so that there is no risk of the loader rolling over during transport
- . Make sure that none of the additional equipment connected to the loader is likely to cause an accident during transport.

Control is Important

- . You must constantly be in control of the machine at all times and in all situations
- . Check that the "slow vehicle" plate and the reflective signals are correctly positioned. Check if the trailer lights are functioning correctly and check the tire pressure.
- . The total permitted weights (in particular the weight of the axle) and the transport dimensions must never be exceeded.
- . You must adapt your speed to the driving situation. Drive with caution when one side is tilted, as well as on sloping ground. There is a risk of over turning.
- . Respect the laws of the road and applicable regulations.
- . The braking distance of a tractor equipped with a trailer is longer than for other vehicles, beware of the risk of skidding and check for irregularities in the road.
- . Secure the load and other loose parts securely.

Oil and Grease Caution

- . Avoid any oil or grease contact with the skin during maintenance. Wear appropriate protective clothing.
- . Never wash your hands with lubricating oil or grease. It may damage your skin. If your skin is irritated after contact with oil or grease, contact a doctor immediately.
- . When servicing, waste oil should be disposed of in accordance with local regulations.



Safety Instructions

Welding Repair

. If a repair or modification requires the welding of certain parts, you must first contact your dealer for necessary instructions. Improper welding or negligence during welding can cause sudden machine breakdowns.

Working in Extreme Conditions

. The recommended ambient temperature for the operation of this machine is between -20 °C and + 30 °C. Low or high temperatures result in increased wear and stress on joints and hoses. In addition, steel wears faster, and cracks can occur.

. When working in extreme conditions, reduce loads to prevent damage. In case of low temperature let the hydraulic oil circulate freely during several minutes. Then operate each function several times to soften the joints and hoses before applying full pressure. When it is extremely hot, pay attention to the oil temperature. A temperature above 80 °C alters the properties of the oil and damages joints and hoses.

Maintenance / Service

. Regular maintenance and service ensure optimal and cost effective operation.

. Note: Failure to follow the instructions in this manual will void all warranties related to this machine. Regular and proper maintenance are a prerequisite for warranty coverage.

Maintenance and Servicing Safety Instructions

. Regular maintenance and service ensure optimal and cost effective operation.

. Note: Failure to follow the instructions in this manual will void all warranties related to this machine. Regular and proper maintenance are a prerequisite for warranty coverage.

. Read the instructions before servicing the machine. Each maintenance task requires reading and following instructions. Maintenance and lubrication should be done at the recommended intervals.

. Always use tools suitable for the maintenance / servicing tasks involved. Wear protective clothing and glasses.

. Shut off the tractor engine and remove the ignition key. If the engine has to run during certain maintenance operations, please stay away from any moving parts of the machine.

. Be extremely careful with pressurized oil. Oil under high pressure easily penetrates the skin. In case of accident, consult a doctor immediately.



Safety Instructions

Maintenance and Servicing Safety Instructions

- . Hot oil can cause burns. Inhalation of hot oil vapor can cause breathing difficulties.
- . If a hose bursts and you get oil on your skin, it is not dangerous. However, avoid oil contact with eyes and nose. If you get oil in your eyes or in your respiratory tract, contact a doctor immediately.
- . Keep explosive and flammable liquids away from sparks and open flames.

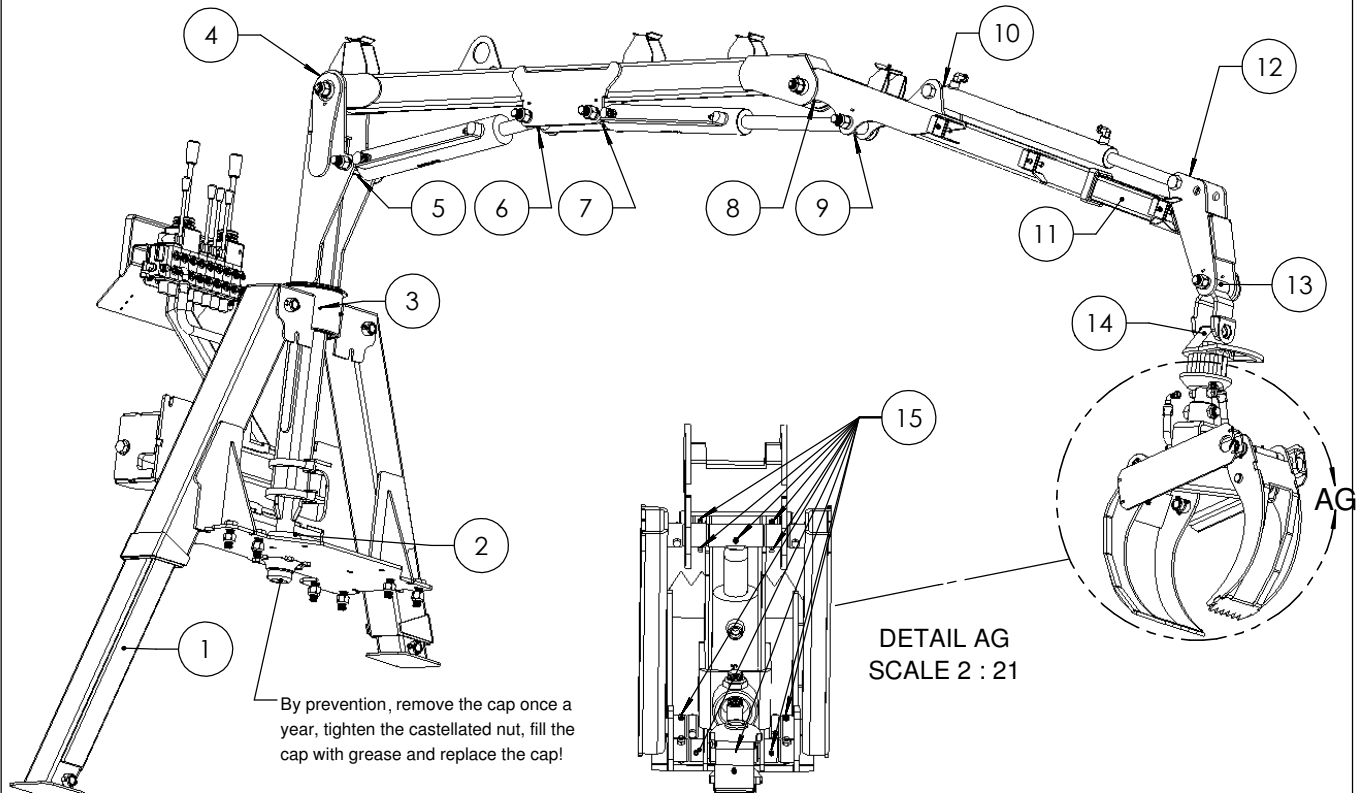
Daily inspections

It is important to inspect the equipment daily. If you notice a defect, you must repair it immediately.

- . When under load pressure, worn bolts can provoke a risk of rupture. If cracks are detected on the loader, any operation in progress must be stopped immediately.
- . Damaged hoses must be replaced immediately. Check for leaks. Oil leaks create a risk of accidents and can harm the environment.
- . Check the bolts and tighten the bolts if necessary.
- . Perform the various movement patterns of the loader to verify that all functions are intact and working properly.

Safety Instructions

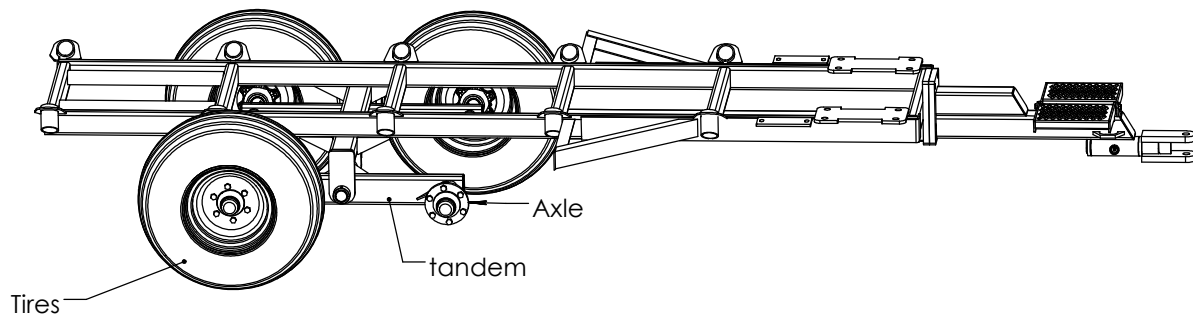
Greasing points and intervals



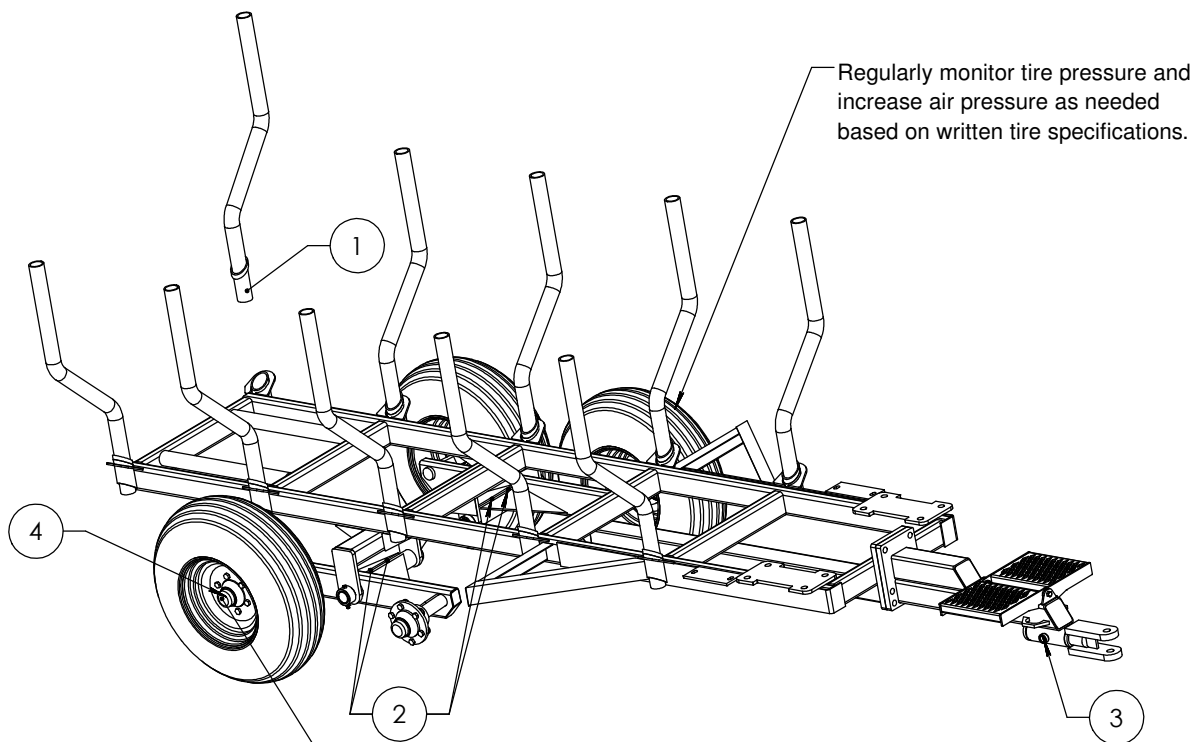
Item	Greasing point	Lubricating oil	Greasing Interval hourly / yearly
1	Telescopic stabilizer	Bushing grease	Once a year, generously
2	Hub/bearing	Bearing grease	Every 10 hours
3	Rotation	Bushing grease	Every 10 hours
4	Front pin	Bushing grease	Every 10 hours
5	Cylinder pin	Bushing grease	Every 10 hours
6	Cylinder pin	Bushing grease	Every 10 hours
7	Cylinder pin	Bushing grease	Every 10 hours
8	Center booms pin	Bushing grease	Every 10 hours
9	Cylinder pin	Bushing grease	Every 10 hours
10	Cylinder pin	Bushing grease	Once a year
11	Telescopic boom	Bushing grease	Once a year, generously
12	Cylinder pin	Bushing grease	Once a year
13	Grapple pins	Bushing grease	Every 10 hours
14	Rotator pin	Bushing grease	Every 10 hours
15	Grapple greasing points	Bushing grease	Every 5 hours



Trailer Parts List



# Trailer	# Assembly	# Assembly tandem	Axle	Tires
11-74	59-013	59-024-03	5000lbs	12.5L15
11-74	59-150	59-081-02	8000lbs	385-65-22.5
11-74	59-151	59-082-07	8000lbs	400-60-15.5
13-78	59-014	59-024-03	5000lbs	12.5L15
13-78	59-125	59-082-07	8000lbs	12.5L15
13-78	59-161	59-082-07	8000lbs	400-60-15.5
13-78	59-081	59-081-02	8000lbs	16.5L16.1
13-78	59-162	59-081-02	8000lbs	385-65-22.5
14-80	59-015	59-082-07	8000lbs	12.5L15
14-80	59-163	59-082-07	8000lbs	400-60-15.5
14-80	59-079	59-081-02	8000lbs	16.5L16.1
14-80	59-164	59-081-02	8000lbs	385-65-22.5

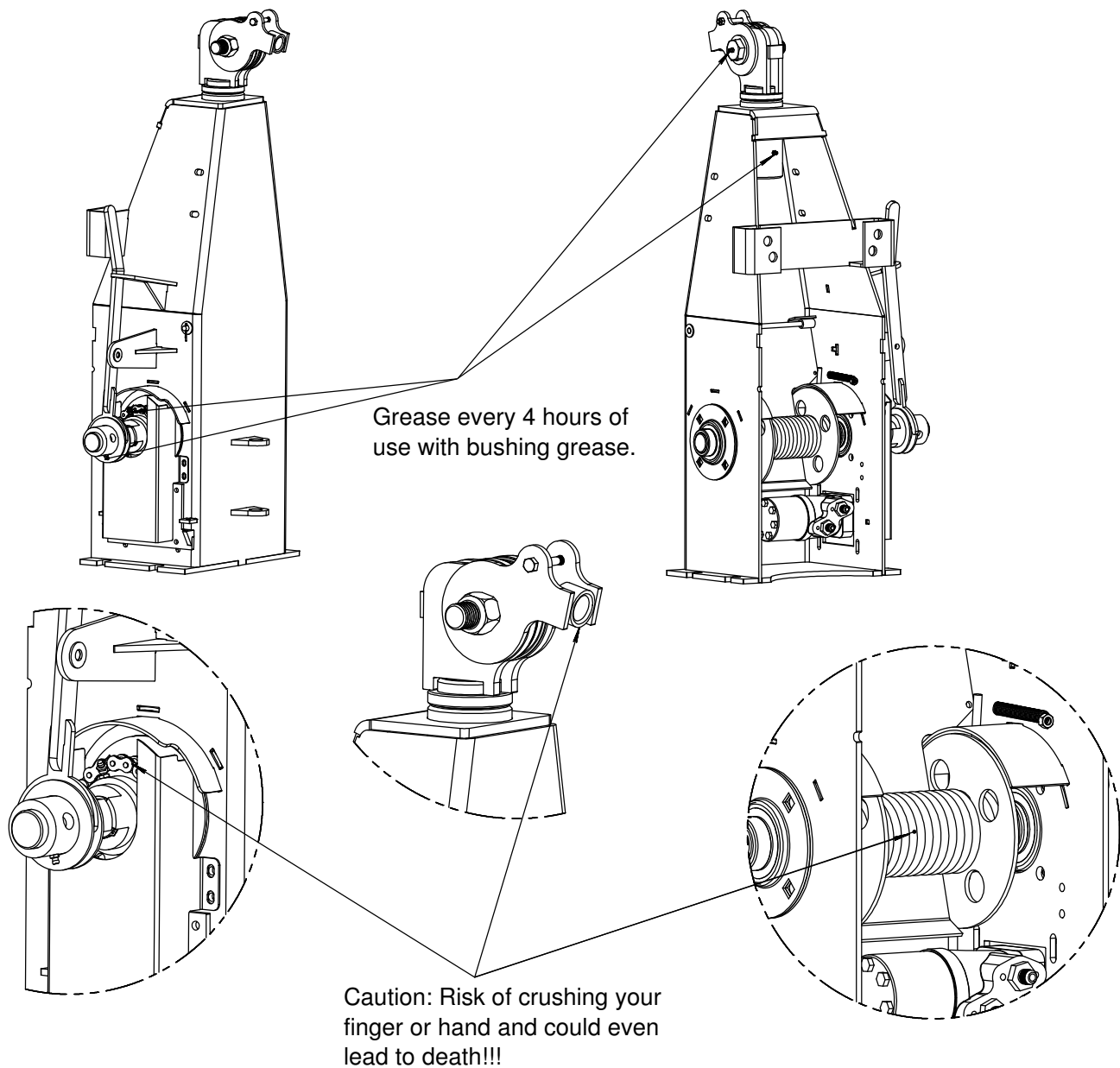


By prevention, remove the cap once a year, tighten the castellated nut, fill the cap with grease and replace the cap!

Item	Greasing point	Lubricating oil	Greasing Interval hourly / yearly
1	Posts	Bushing grease	Once a year, generously
2	Tandem pin	Bushing grease	Every 10 hours
3	Hitch pin	Bushing grease	Every 10 hours
4	Hub/moyeu	Bushing grease	Every 10 hours

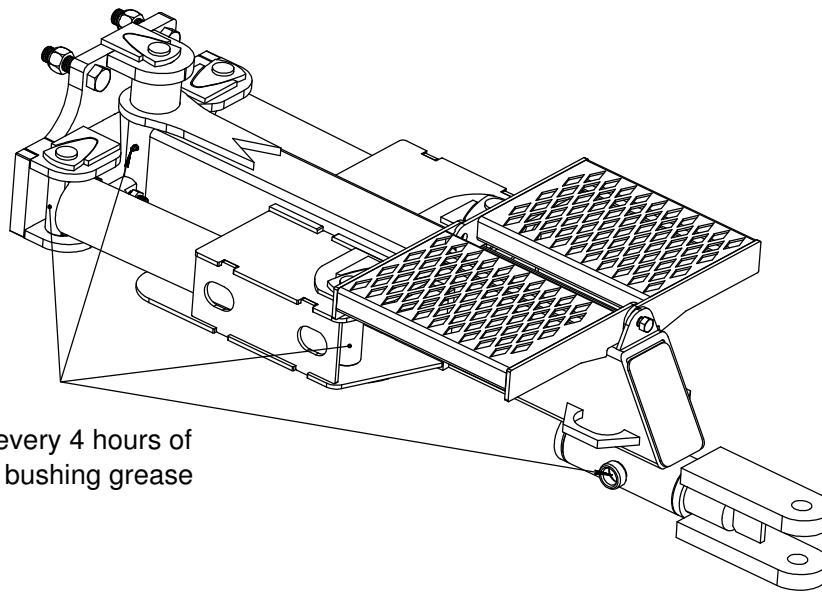


Maintenance and safety instructions for proper use of the 6000 lb. hydraulic winch

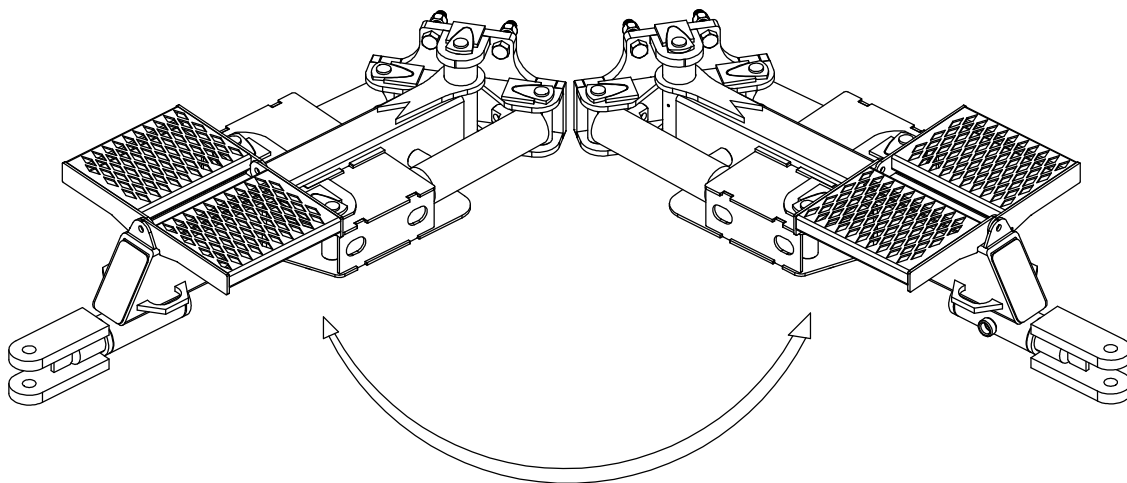




Maintenance and safety instructions for proper use of a double drawbar



Grease every 4 hours of
use with bushing grease



Make sure that no one is standing in the
perimeter and also make sure no one is
standing on the step!



Safety Instructions

Storage

If you plan to stop using the loader for a long period of time, it should be cleaned carefully. Note that high pressure cleaning is not recommended! After cleaning, make a visual inspection for any cracks (if you find any, you must have them repaired before the next use of the loader) all grease nipples must be lubricated. The grease is used to evacuate water and thus neutralize corrosion and wear.

. Store the loader under a roof. If this is not possible, cover it with a tarpaulin.

. Place loader boom and grapple in the transport position.

Note: A stored loader is not a play area for children.