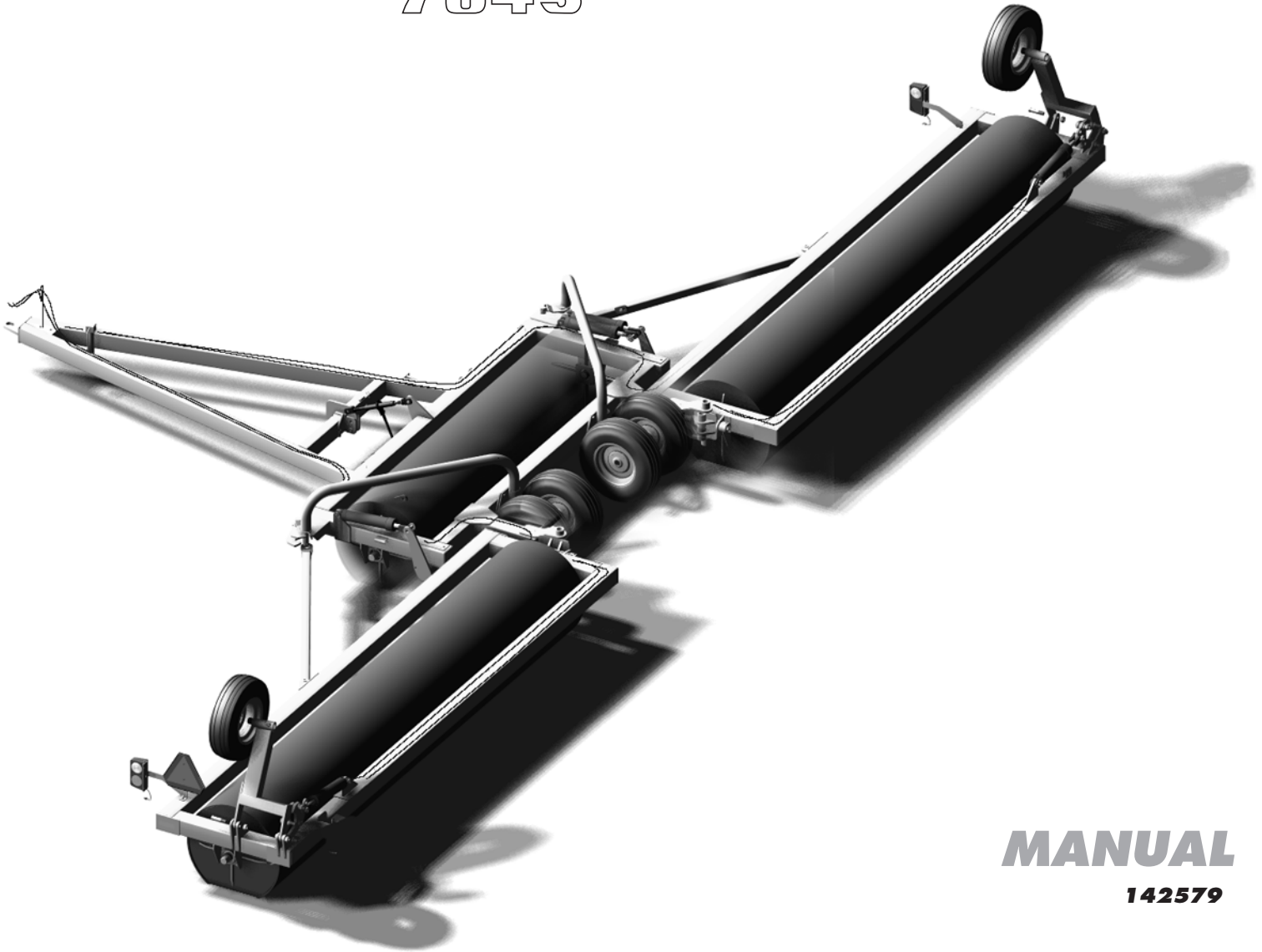


Degelman
INDUSTRIES LTD.

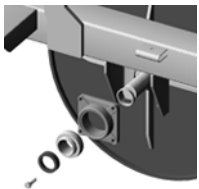
landroller

7645



MANUAL

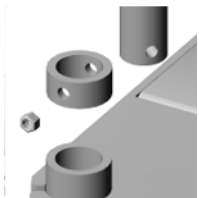
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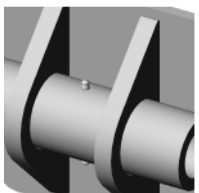
Hitchpole, centre frame	1
Centre frame wheels & roller	3
Centre & wing frames	5
Wing frame wheels & roller	9
Hydraulics	11
Clearance lights	13
Operations	15
Safety, warranty	17



SAFETY

The safety instructions that follow pertain only to this specific equipment. You should be aware of agricultural & industrial safety especially related to heavy equipment. If you are not familiar with safety procedures then you should get training.

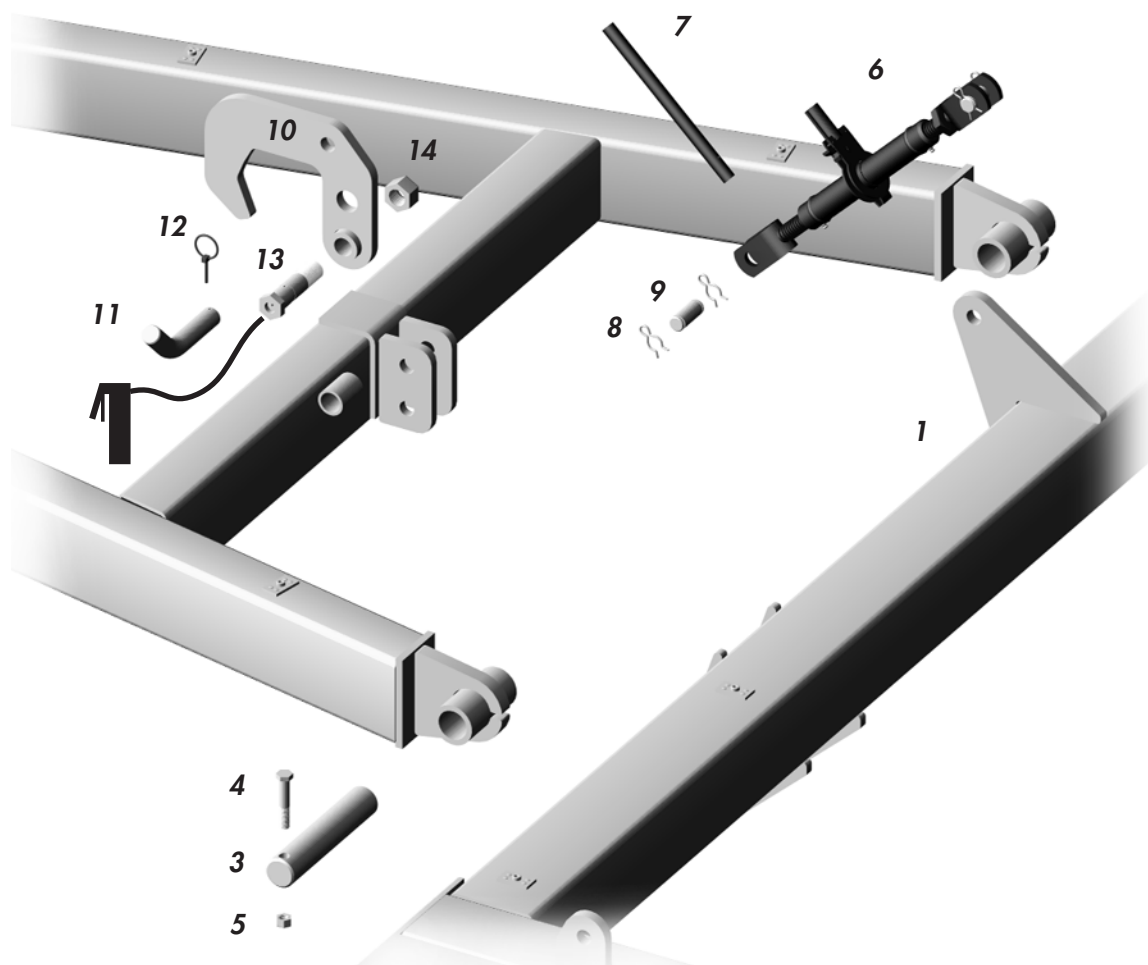
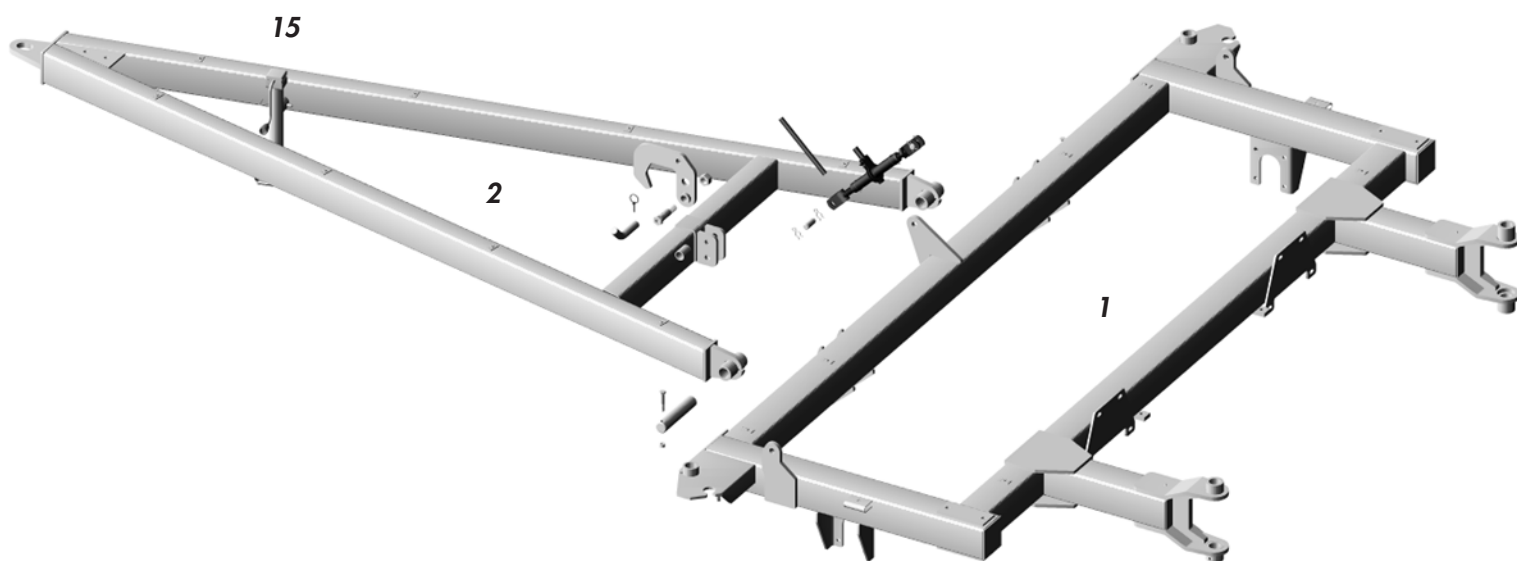
Improper use will result in maiming or death.

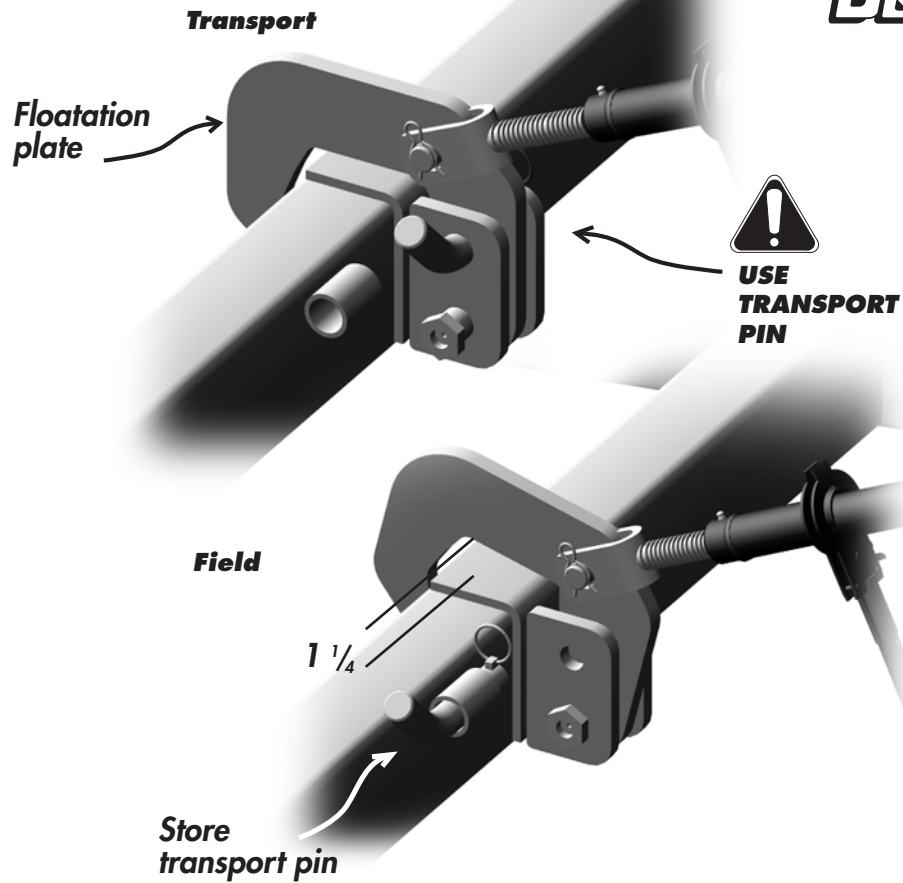


**272 Industrial Drive, Box 830
Regina, Sask. Canada S4P 3B1
306 543-4447 543-2140 fx**

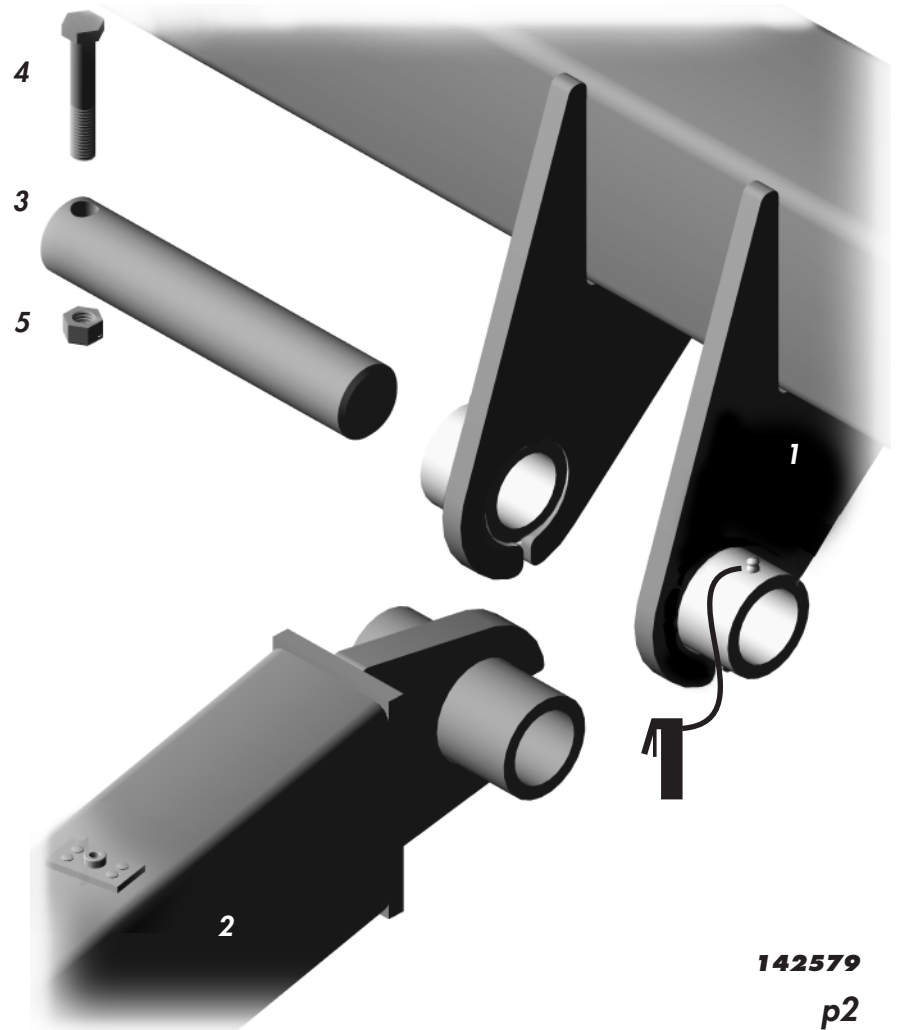
degelman@degelman.com

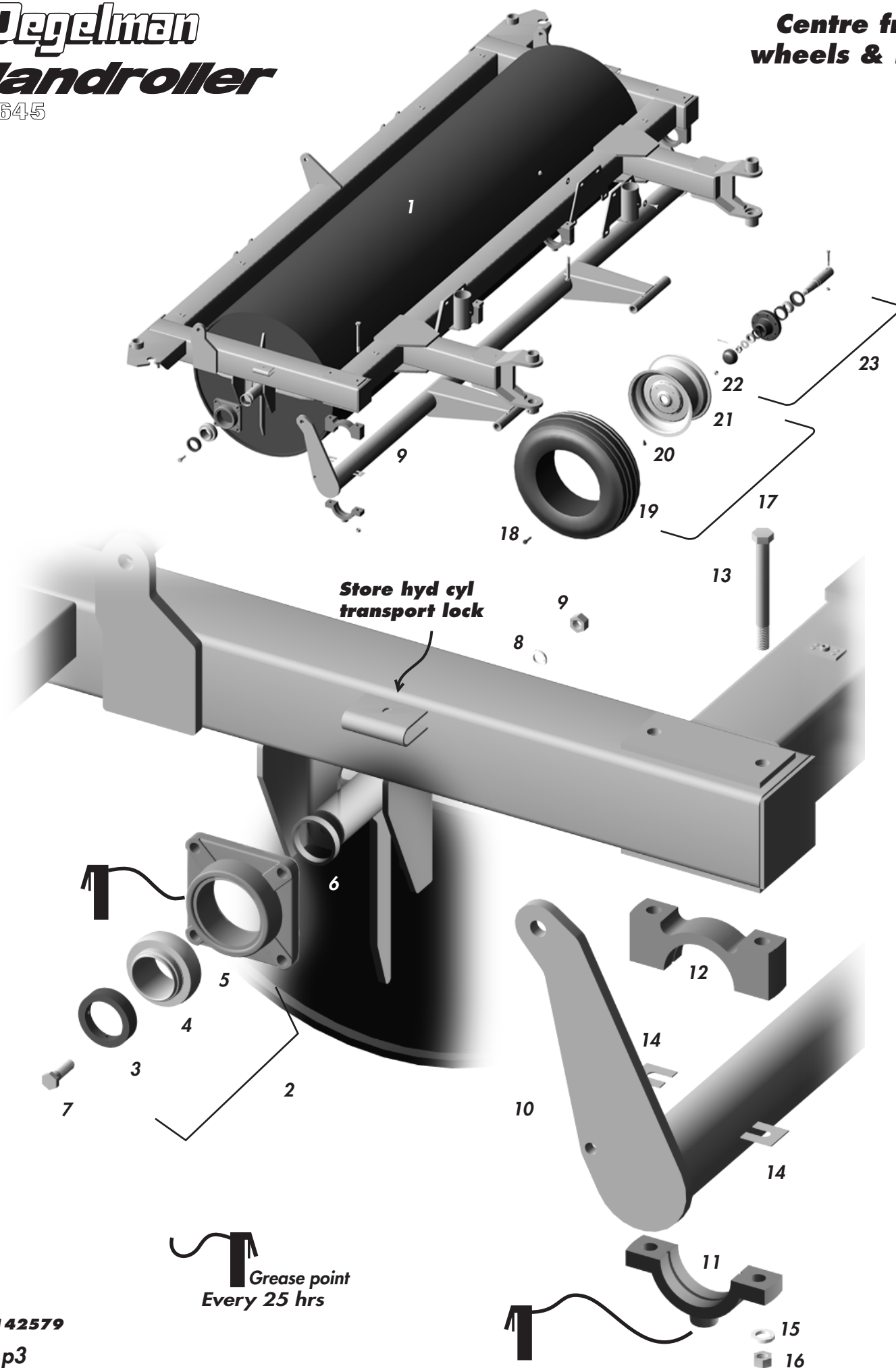
www.degelman.com





			Qty
1	243718	Centre frame	1
2	244300	Hitch pole	1
3	243768	Pole pin	2
4	118034	Bolt 5/8 x 3 1/2	2
5	118447	Lock nut 5/8 unitorq	2
6	132001	Ratchet jack	1
7	132009	Jack handle	1
8	118829	Hair pin	8
9	132032	Pin 1 x 2 1/8 EFF	2
10	244327	Floatation plate	1
11	243771	Bent pin	1
12	118901	Lynch pin	1
13	244303	Bolt 1 1/4 x 5 CW FTG	4
14	118445	Lock nut 1 1/4	1
15	132050	Sidewind jack	1

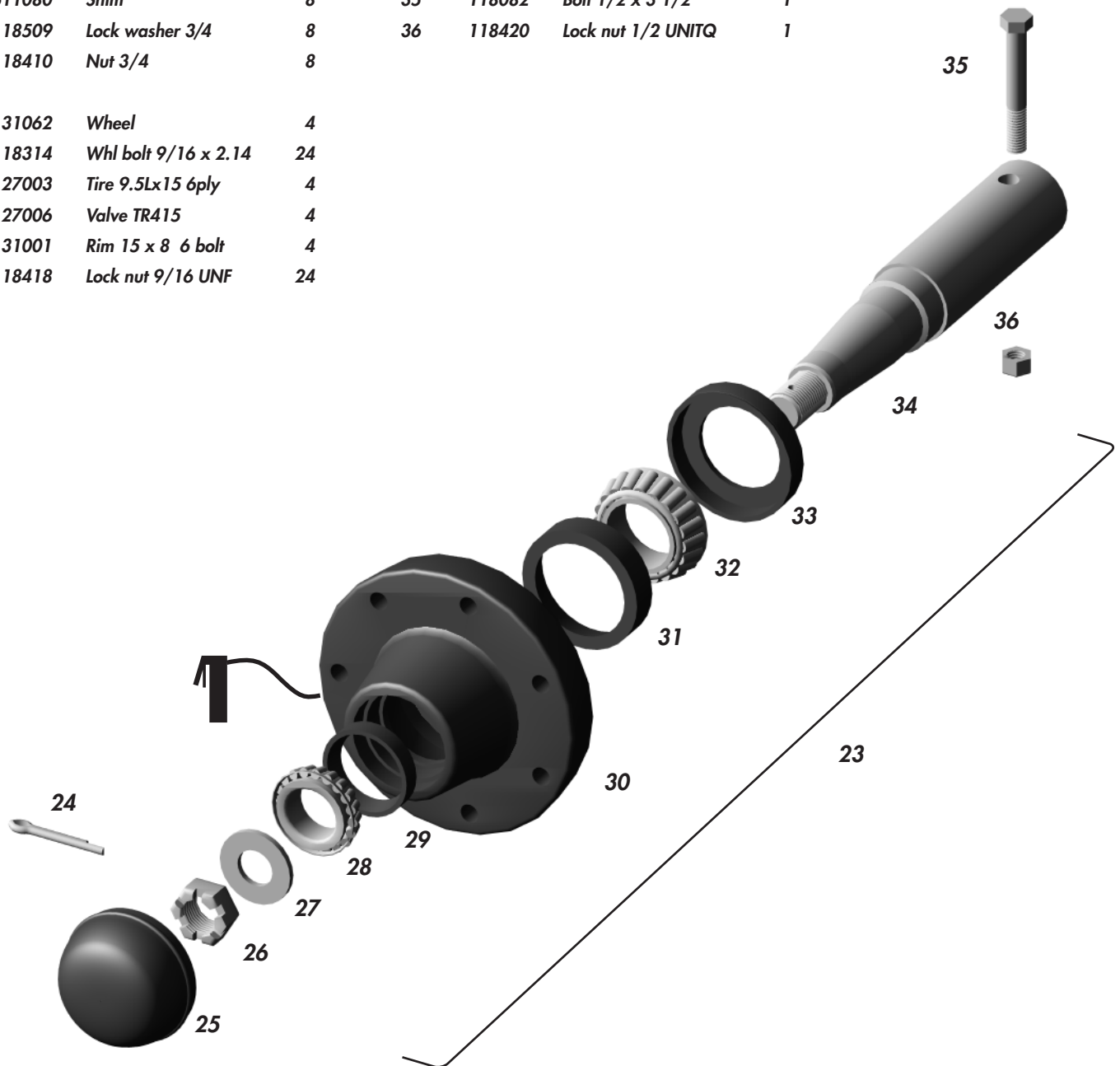




The wing rollers use the same bearing system

Degeleman

			Qty				Qty
1	243501	Centre roller	1	23	131324	Hub & spindle	4
2	117006	Bearing	2	24	118835	Cotter pin	1 — Per wheel
3	117022	Lock ring	2	25	131173	Dust cap	1
4	117106	Bearing insert	2		131701	Dust cap - CTD	1
5	117107	Flange casting	2	26	118423	Slotted nut 1 UNS	1
6	243604	Bushing	2	27	131020	Flat washer 1 SAE	1
7	118026	Bolt 5/8 x 2	8	28	131024	Cone bearing	1
8	118508	Lock washer 5/8	8	29	131025	Bearing cup	1
9	118407	Nut 5/8	8	30	131081	Hub H618G	1
					131700	Hub H618G - CTD	1
10	243695	Rockshaft	1	31	131023	Bearing cup	1
11	110015	Cast bearing cap	4	32	131022	Cone bearing	1
12	110003	Cast bearing base	4	33	131026	Dust seal	1
13	118637	Bolt 3/4 x 13	8	34	131322	Spindle	1
14	611080	Shim	8	35	118082	Bolt 1/2 x 3 1/2	1
15	118509	Lock washer 3/4	8	36	118420	Lock nut 1/2 UNITQ	1
16	118410	Nut 3/4	8				
17	131062	Wheel	4				
18	118314	Whl bolt 9/16 x 2.14	24				
19	127003	Tire 9.5Lx15 6ply	4				
20	127006	Valve TR415	4				
21	131001	Rim 15 x 8 6 bolt	4				
22	118418	Lock nut 9/16 UNF	24				

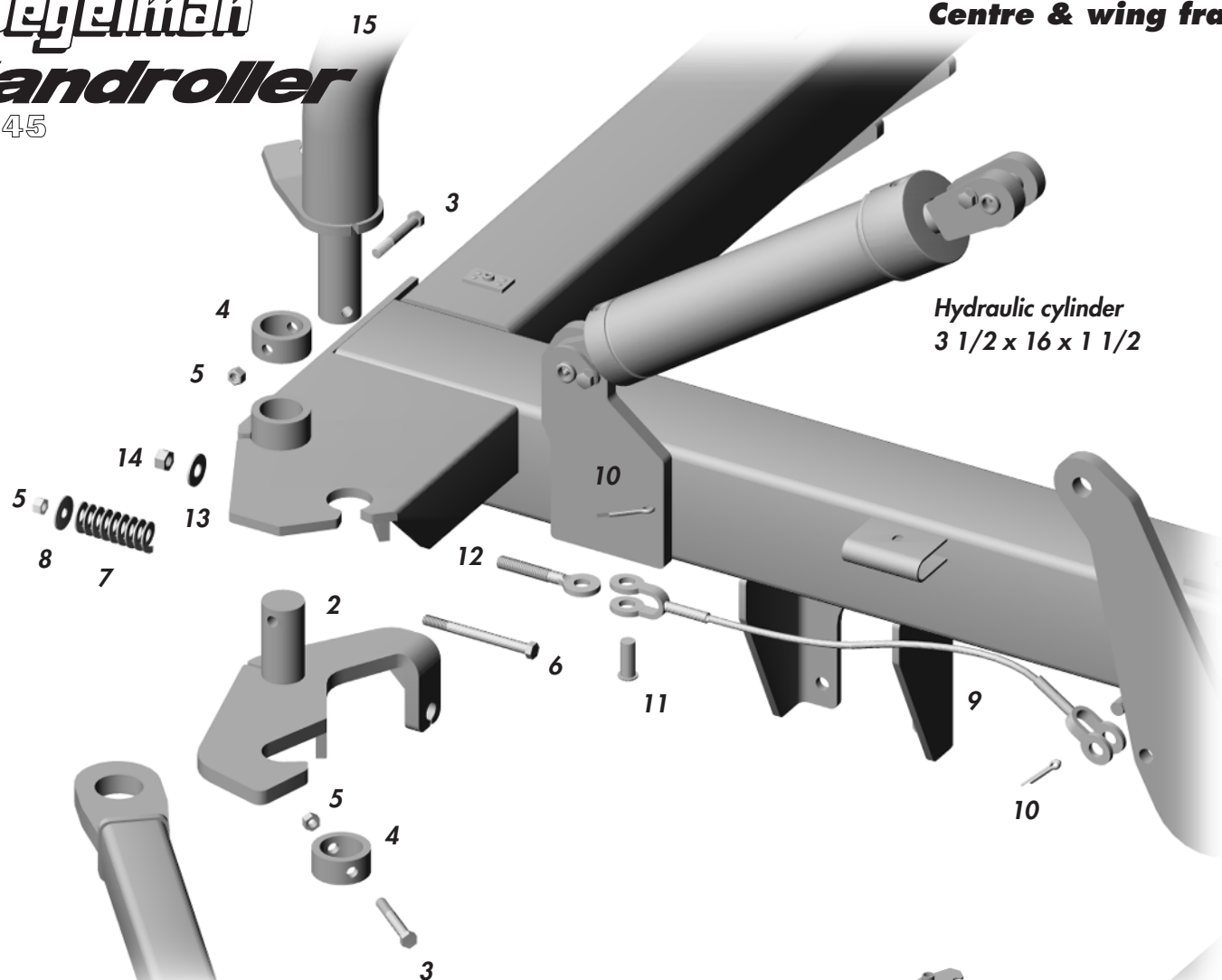


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p4

Centre & wing frames

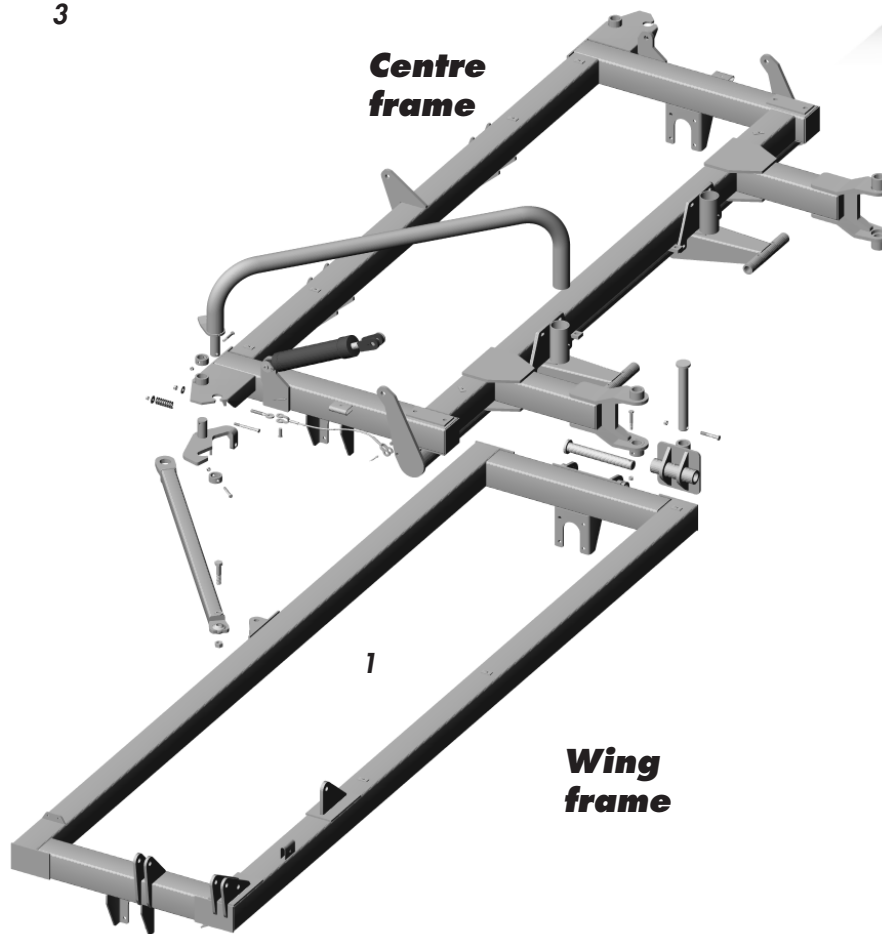
Hydraulic cylinder
 3 1/2 x 16 x 1 1/2



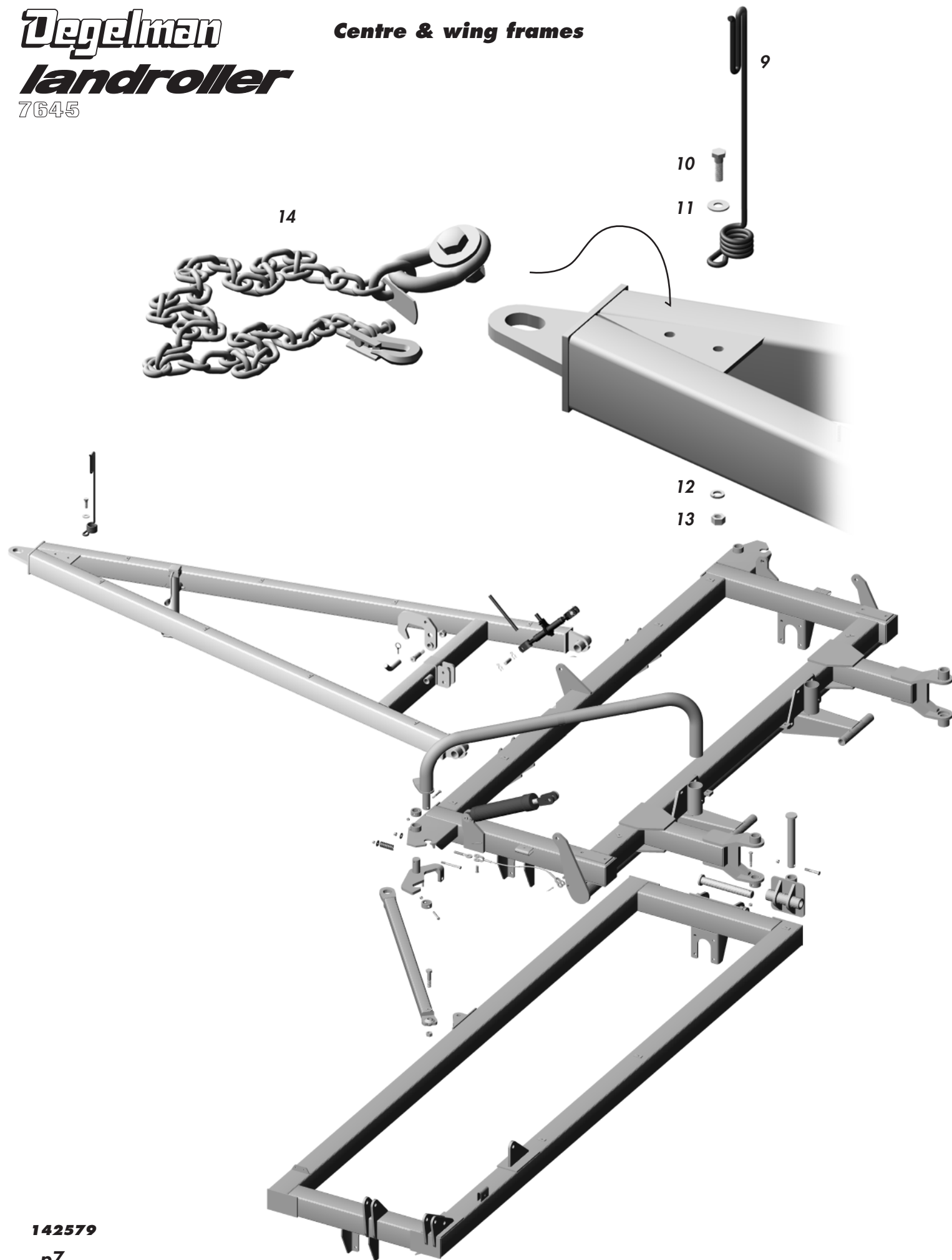
**Truss
 arm**

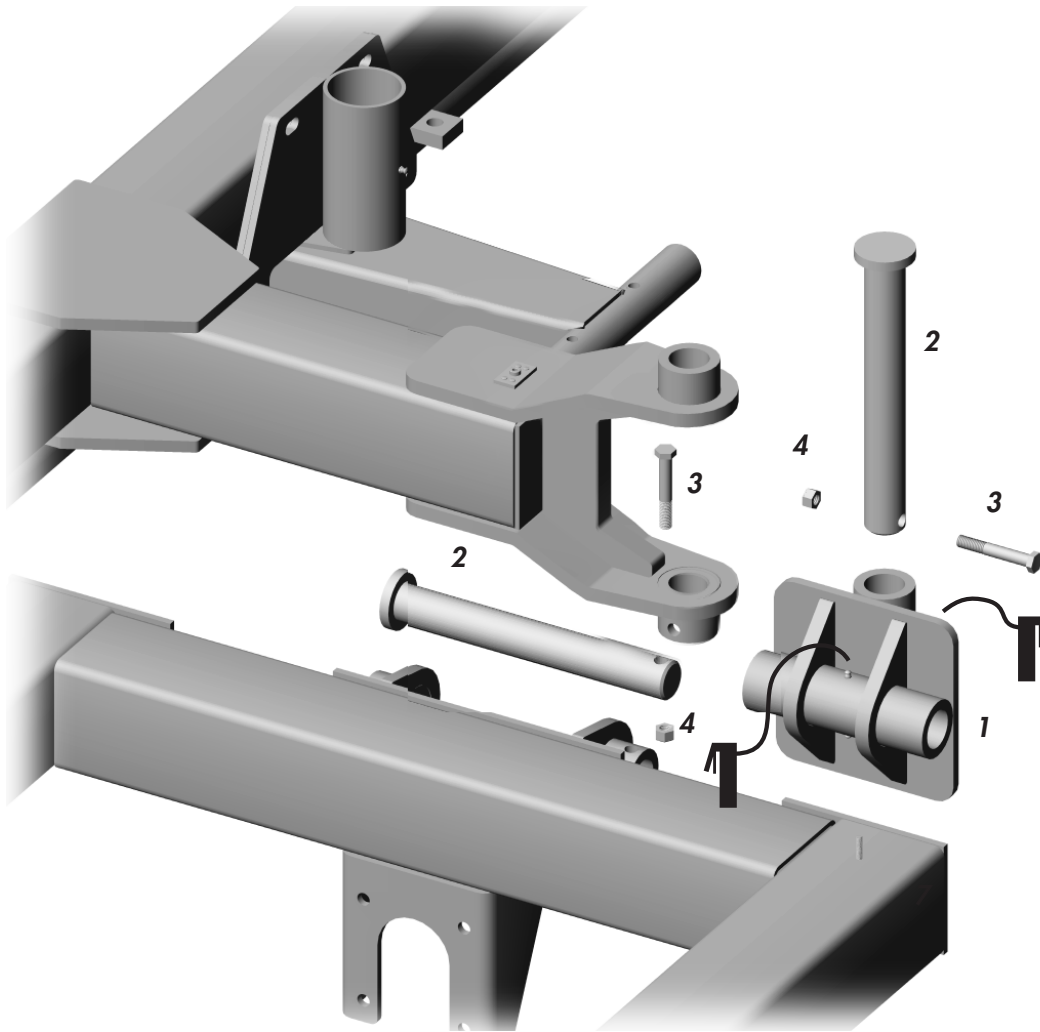
**Centre
 frame**

**Wing
 frame**

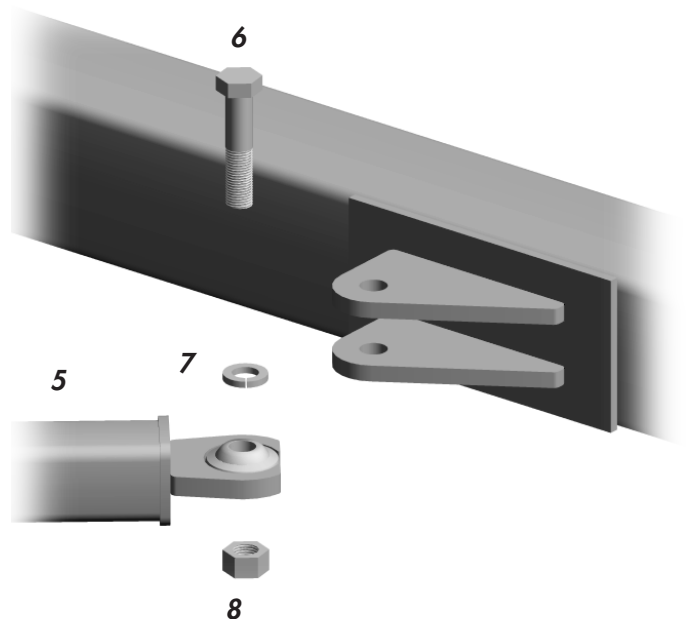


Grand total





			Qty
1	243664	Cross joint	2
2	243773	Cross joint pin	4
3	118094	Bolt 5/8 x 4	4
4	118447	Lock nut 5/8 UNITQ	4
5	243719	Truss arm	2
6	118116	Bolt 1 x 4 1/2	2
7	118510	Lock washer 1	2
8	118412	Nut 1	2
9	143111	Hose holder	1
10	118026	Bolt 5/8 x 2	1
11	118514	Flat washer 5/8	1
12	118508	Lock washer	1
13	118407	Nut 5/8	1
14	116255	Safety chain	1



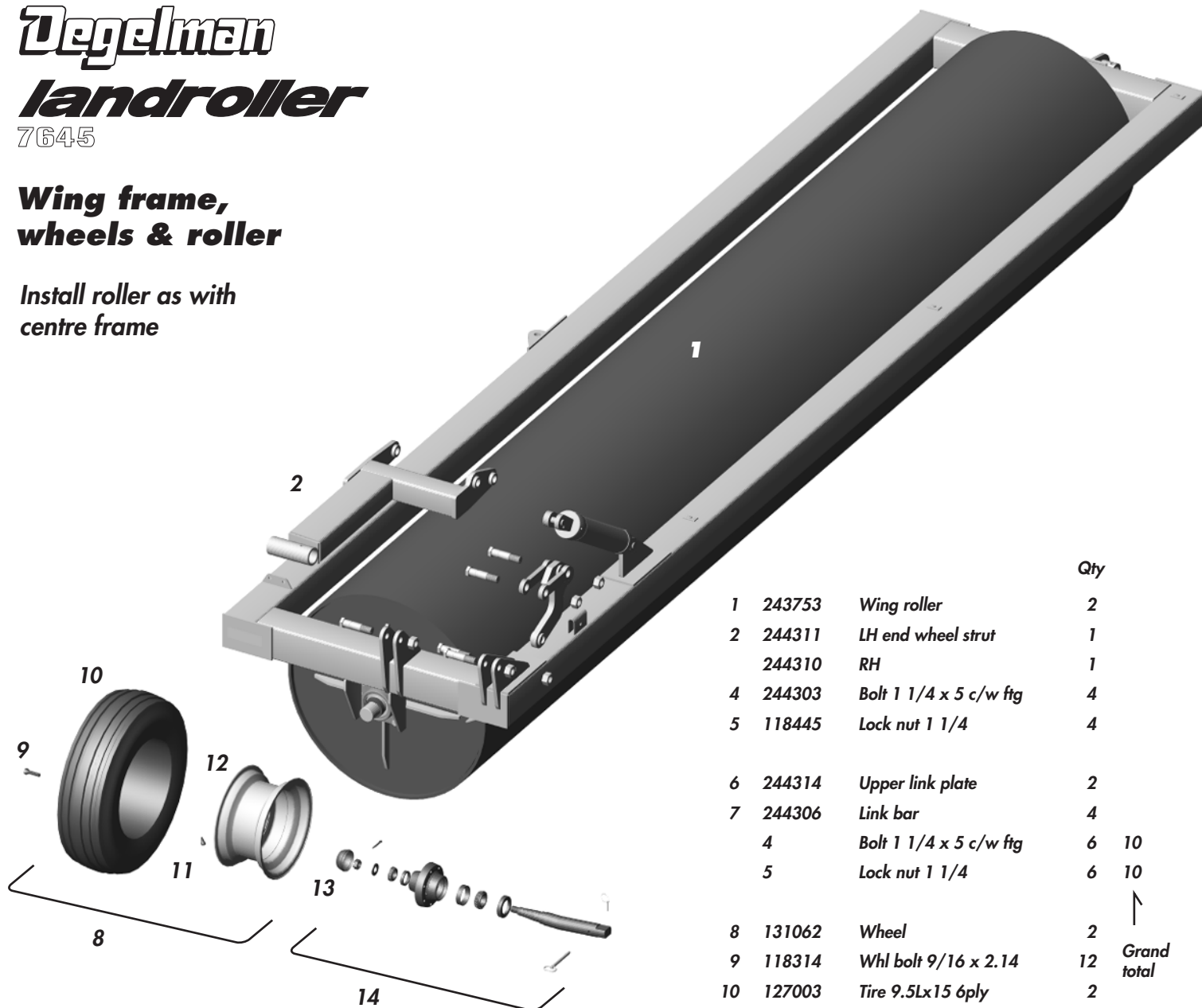
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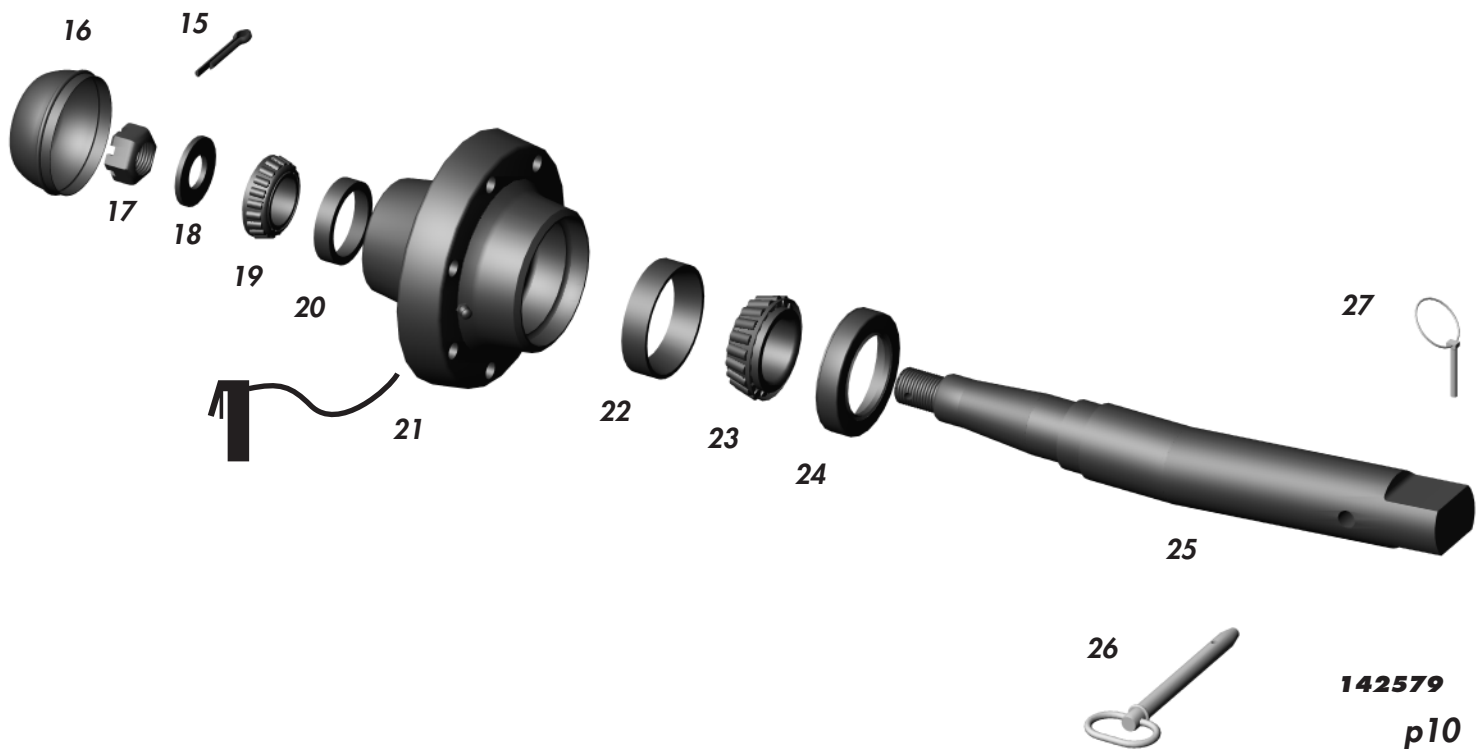
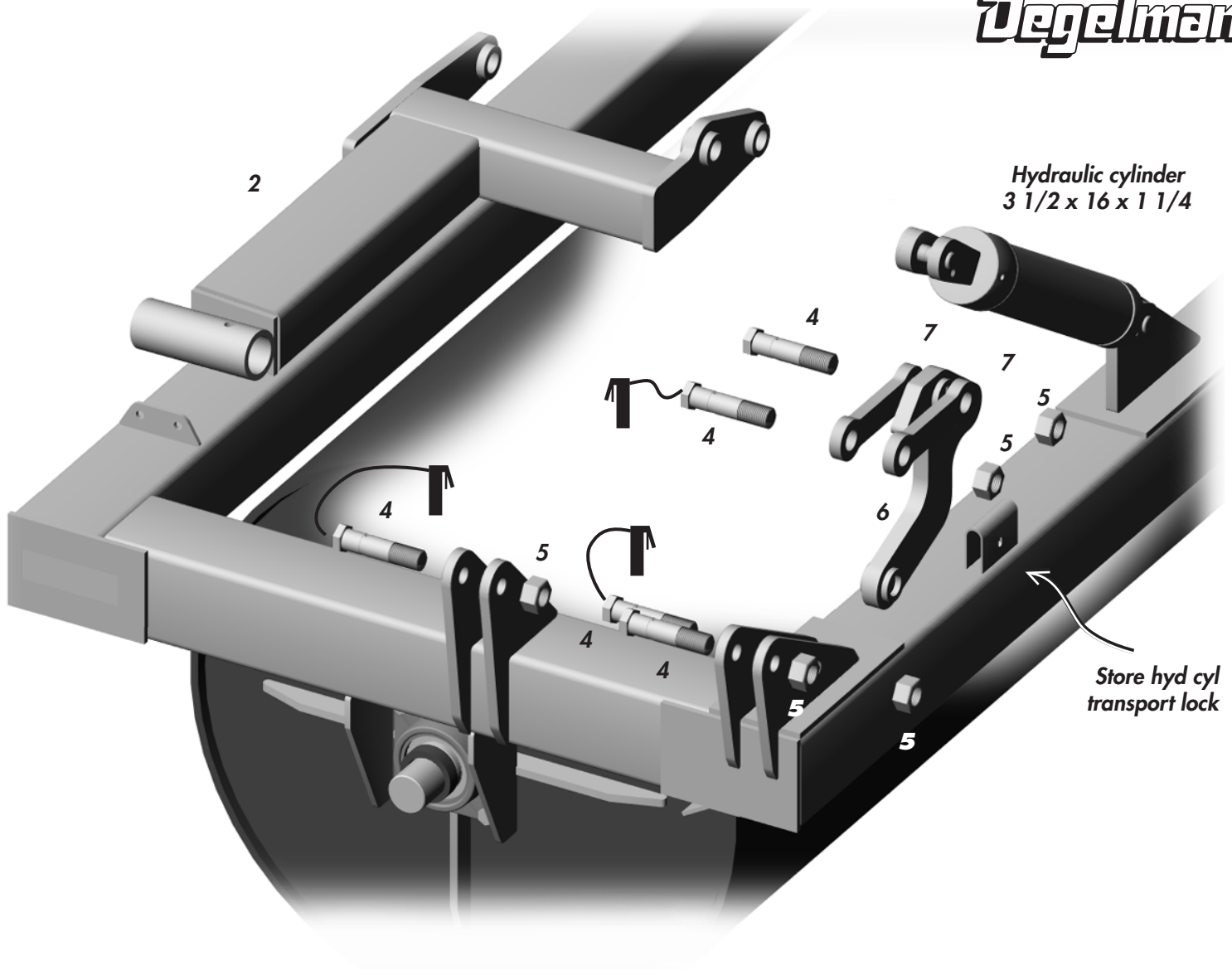
Wing frame, wheels & roller

Install roller as with
centre frame



			Qty	
1	243753	Wing roller	2	
2	244311	LH end wheel strut	1	
	244310	RH	1	
4	244303	Bolt 1 1/4 x 5 c/w ftg	4	
5	118445	Lock nut 1 1/4	4	
6	244314	Upper link plate	2	
7	244306	Link bar	4	
	4	Bolt 1 1/4 x 5 c/w ftg	6	10
	5	Lock nut 1 1/4	6	10
				↑
8	131062	Wheel	2	Grand total
9	118314	Whl bolt 9/16 x 2.14	12	
10	127003	Tire 9.5Lx15 6ply	2	
11	127006	Valve TR415	2	
12	131001	Rim 15x8 6 bolt	2	
13	118418	Lock nut 9/16 UNF	12	
14	131348	Hub & bent spindle	2	
15	118835	Cotter pin	1	
16	131173	Dust cap	1	
	131701	Dust cap - CTD	1	Per wheel
17	118423	Slotted nut 1 UNS	1	
18	131020	Flat washer 1 SAE	1	
19	131024	Cone bearing	1	
20	131025	Bearing cup	1	
21	131081	Hub H618G	1	
	131700	Hub H618G - CTD	1	
22	131023	Bearing cup	1	
23	131022	Cone bearing	1	
24	131026	Dust seal	1	
25	131349	Bent spindle	1	
26	118900	Hitch pin	1	
27	118901	Lynch pin	1	

Grease point
Every 50 hrs
118335 Grease fitting



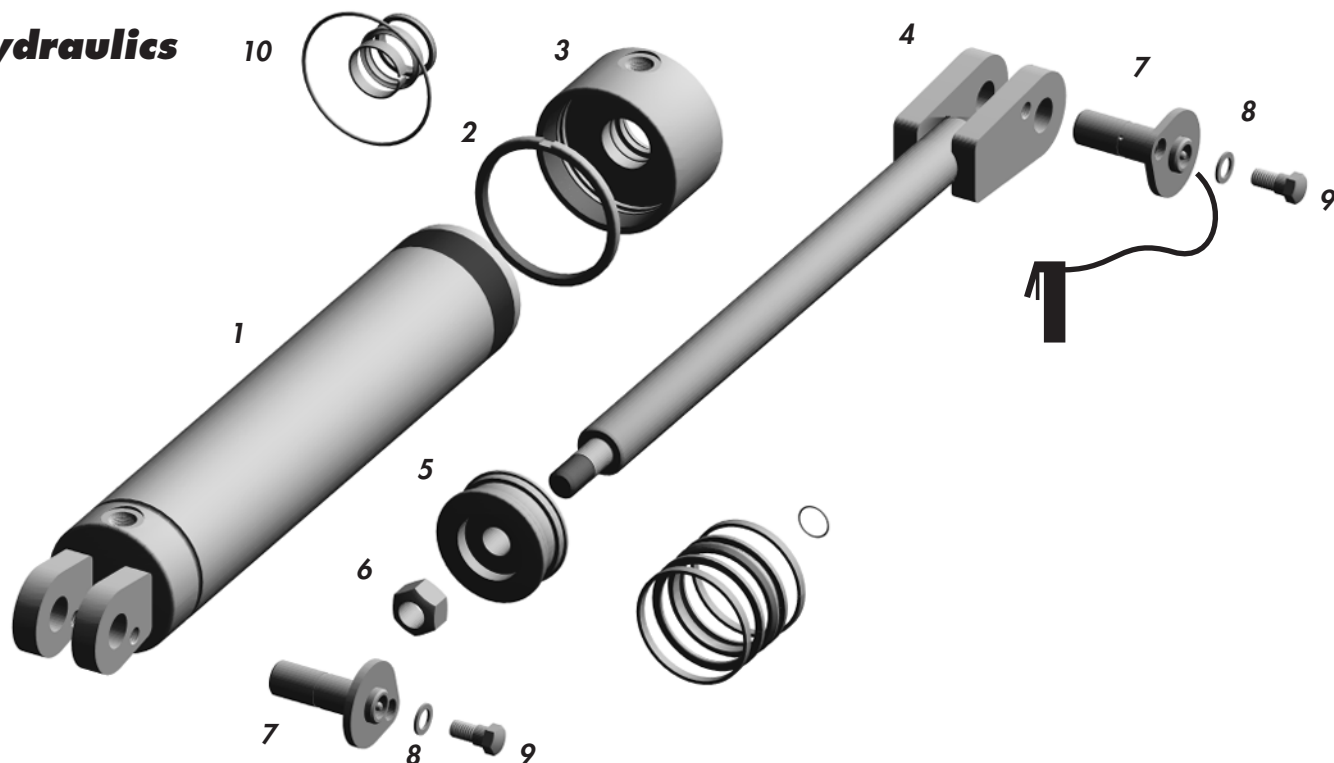
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 Grease point
Every 25 hrs

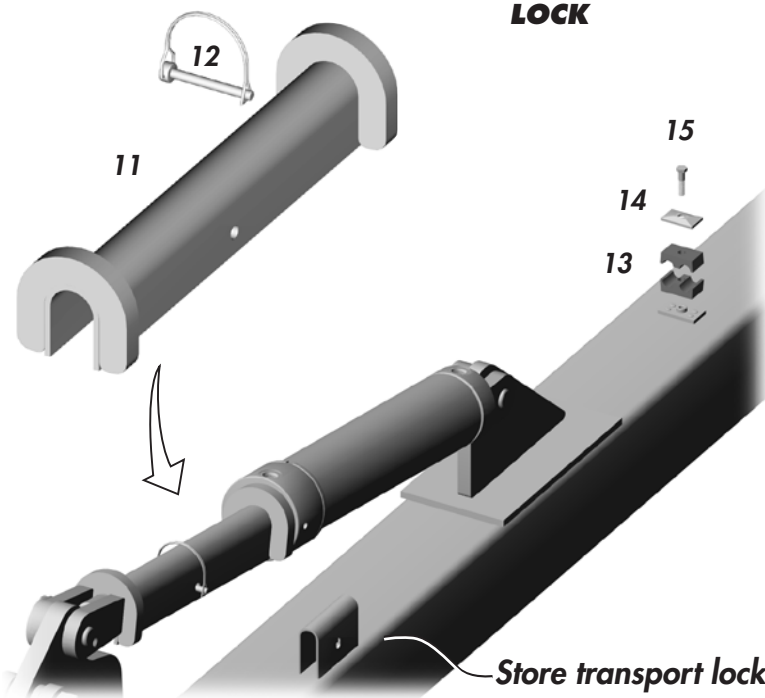
Hydraulics



122728 3 1/2 x 16 x 1 1/2 Cylinder four per machine

			Qty
1	121802	Barrel	1
2	122657	Lock ring	1
3	122655	Open cap	1
4	122094	Rod & clevis	1
5	121663	Piston	1
6	118441	Lock nut 7/8 UNF UNITQ	1
7	118930	Clevis pin	2
8	118924	Lock washer 1/2	2
9	118796	Bolt 1/2 x 1	2
10	122522	Seal kit 3 1/2 x 1 1/2	1
11	243990	Transport lock	4
12	243500	Wire lock pin	4
13	780278	Hose clamp	22
14	780279	Top plate	22
15	118144	Bolt 5/16 x 1 1/2	22


**USE
TRANSPORT
LOCK**





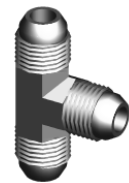
Coupling 1/2 NPT (male tip)

2



Nipple (M) 1/2 NPT x 3/4 JIC

2



Tee 3/4 JIC M

2



Tee 3/4 M JIC x JIC x ORB

4



Elbow 3/4 M JIC x ORB

4

Qty

Hose 3/8 x (75)

2

Hose 3/8 x (224)

2

Hose 3/8 x (204)

2

Hose 3/8 x (296)

4

Ports face up

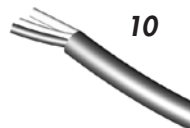
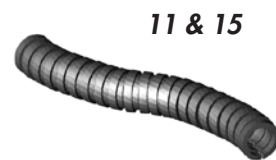
(296)

(296)

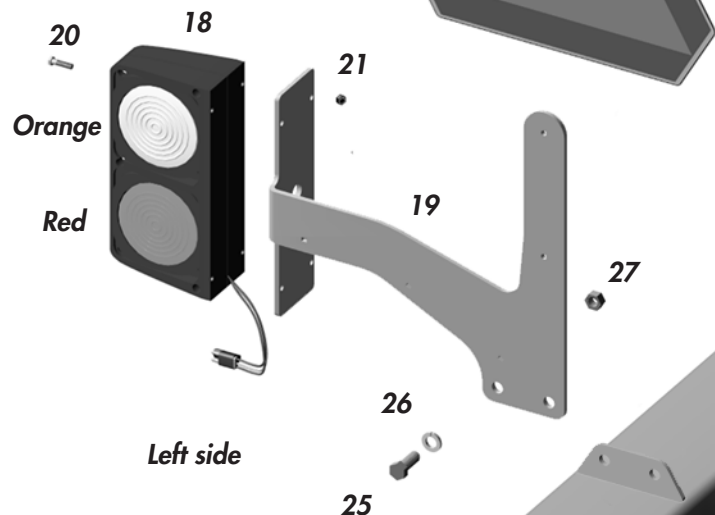
Ports face up

Clearance lights

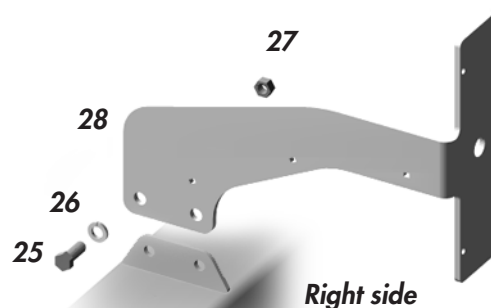
			Qty						
1	129027	7 Pole plug	1						
2	244504	16/4 SuperVU line 8ft	1						
3	244506	Junction box	1						
4	129033	Straight cord conn.	3						
5	118717	Plastic locknut 1/2 NPT	3	18	129021	LH Dual lamp	1		
6	129035	Terminal strip 5 conn.	1		129020	RH	1		
7	118716	Screw #8, 3/4	2	19	243776	Lamp/SMV brkt, left side	1		
8	118735	Screw 1/4 self-tap	2	20	118756	Bolt 1/4 x 1 1/4	8		
9	118588	Rubber washer 3/16ID	2	21	118483	Lock nut 1/4	8		
10	244503	16/3 SuperVu line 50ft	2	22	142135	SMV sign	1		
11	244505	Loom 60	2	23	118123	Bolt 1/4 x 1	2		
12	129042	Clamp 3/8 cushion	2	24	118533	Lock washer 1/4	2		
13	244507	Grommet 3/8	2	25	118402	Nut 1/4	2		
14	129041	Grommet 1/4	2	26	118508	Lock washer 5/8	2		
15	246163	Loom 24	2	27	118407	Nut 5/8	2		
16	129043	Butt splice crimp 16ga	2						
17	129022	Triplug 18	2	28	243777	Lamp brkt, right side	2		



Make sure
blank faces forward
colours face back



Left side



Right side

Degelman **landroller** 7645

Transport

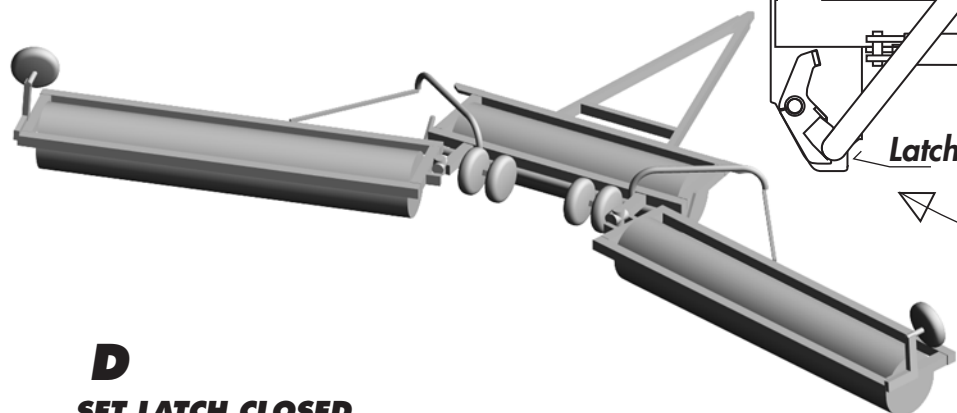
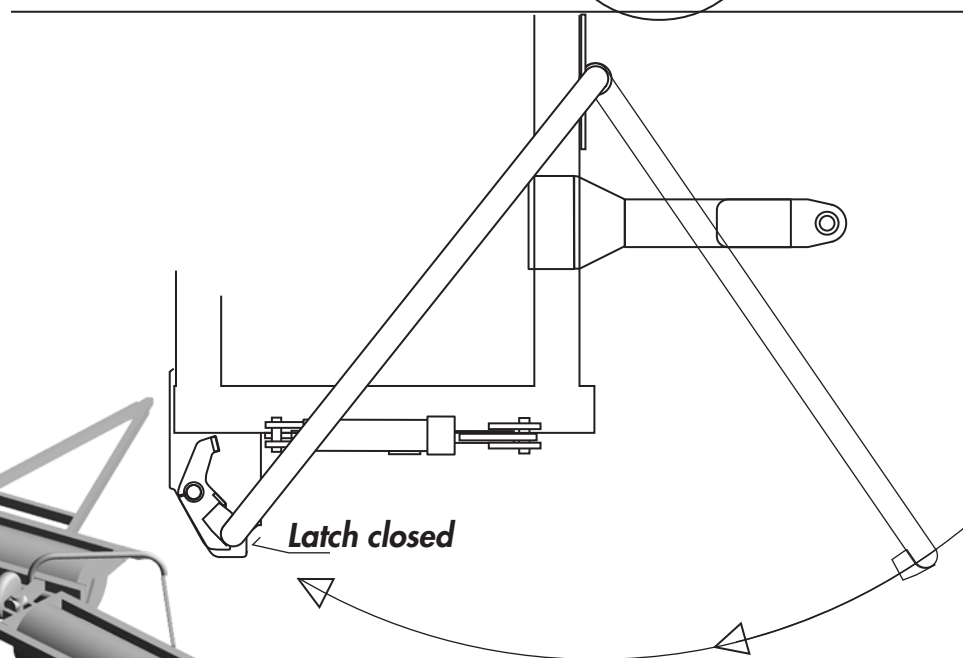
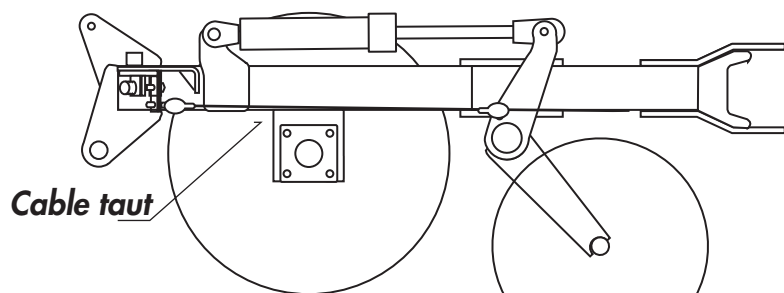
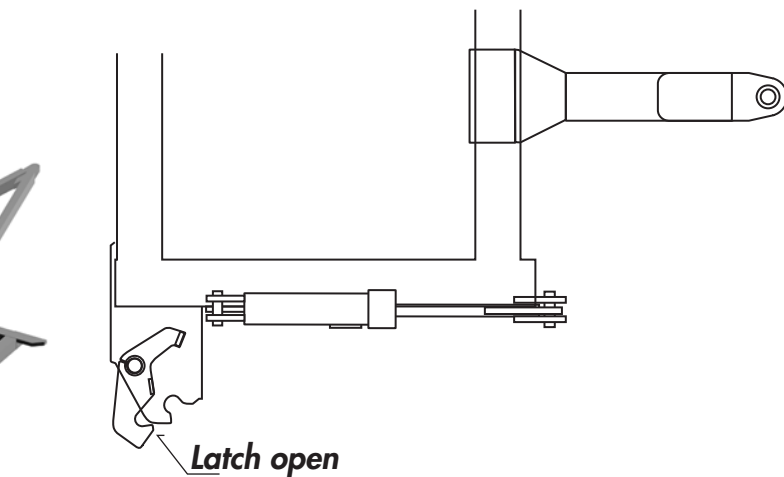


A

PREPARE

Take off transport locks

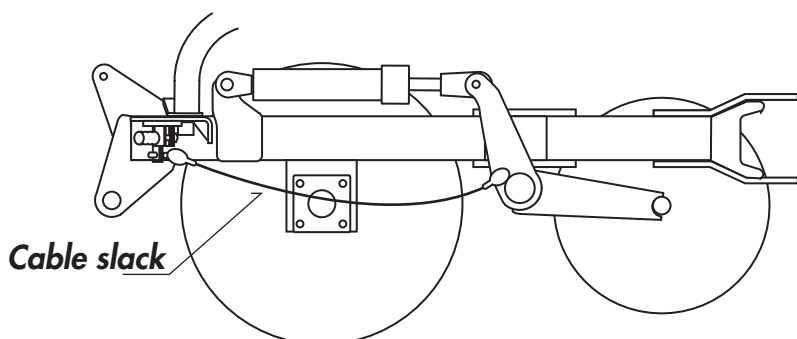
Set floatation plate to
field position



D

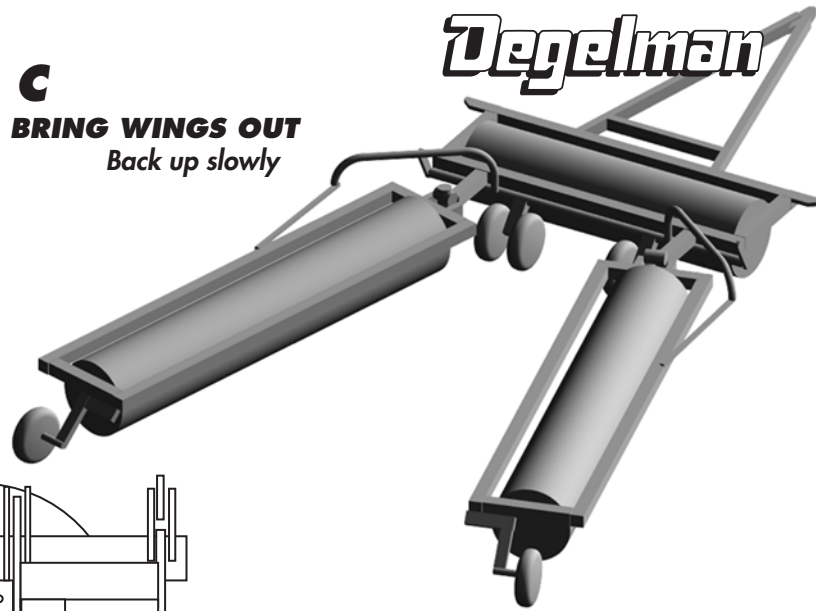
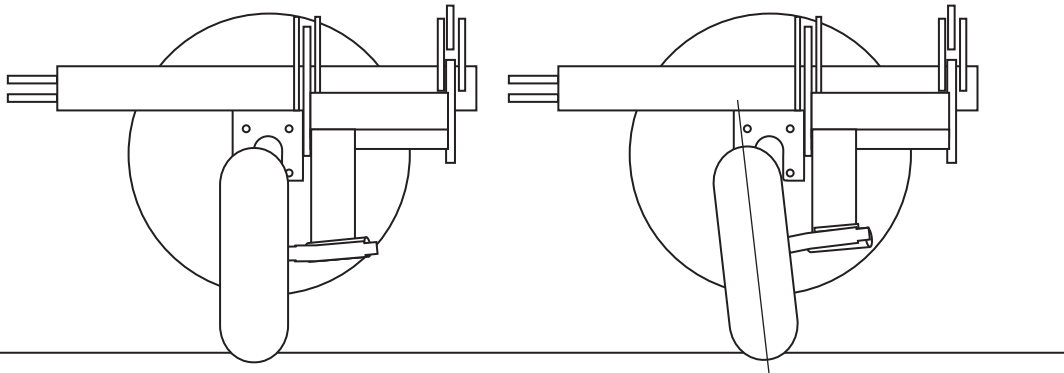
SET LATCH CLOSED

Drop drums with wings almost out
Back up until wings all the way out
then wing arm clicks in

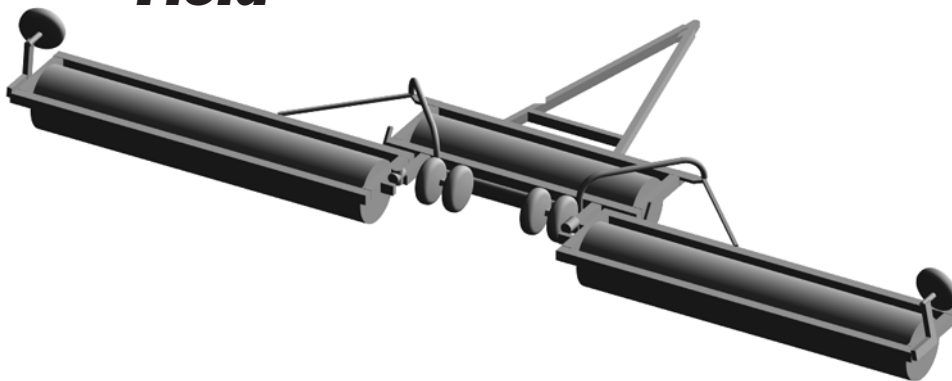


C
BRING WINGS OUT
Back up slowly

B
ANGLE OUT
TRANSPORT WHEEL
Drop roller
Turn axle
Lift roller



Field



AUTOFOLD LATCH ADJUSTMENT:

After a while the cable will stretch and the latch won't open to free the Swing Arm. To adjust, have the wings out. With the swing arm pipe in the latch and the latch open just enough for the swing arm to clear adjust the nut on the eyebolt. That is the correct degree of tension for the cable

Safety



You are responsible for your own safety. If you don't know basic agriculture & industrial safety, find out.

Owners of equipment must by law give operating instructions to other operators such as family members or a hired hand.

Making any design changes to equipment could cause a hazard and damage your machine.

Wear proper safety equipment. Have handy first aid kit & fire extinguisher.

Before working on machine:

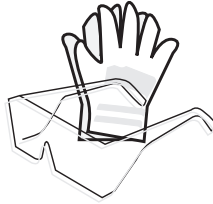
- ✓ Turn tractor off
- ✓ Set controls in neutral
- ✓ Remove ignition key
- ✓ Clean all reflectors and lights.

- ✓ Keep all parts clean
- ✓ Replace worn or damaged parts
- ✓ Don't try any makeshift repairs
- ✓ Before operating check that everything is tight and not broken

HYDRAULICS

- ✓ Wear gloves and eye protection when searching for leaks. Use a piece of wood or cardboard but not your hand. High pressure oil will penetrate your skin. If that happens you risk serious injury.

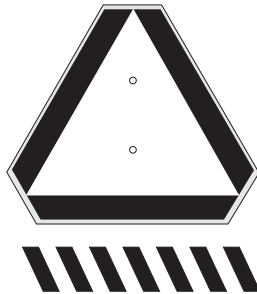
KILLED, INJURED or SAFE? YOUR CHOICE



TRANSPORTING



- ✓ Use Safety Lights
- ✓ When in transport position make sure transport pin is in place
- ✓ Clean SMV sign and reflectors.



All hardware; Hex head,
Plated, Gr.5 UNC
Hoses; 3/8 female swivel JIC
Unless stated otherwise

TIRE PRESSURE: 36 psi

START UP AND ONGOING CHECK LIST:

- ✓ Grease all fittings
- ✓ Check all bolt tightness
- ✓ Repeat after a days use and check for hydraulic leaks
- ✓ Retorque bolts
- ✓ Adjust hitch height; Set trailer so it is parallel to ground
- ✓ Use a drawbar pin with mechanical retainer
- ✓ Check tire pressure
- ✓ Oil level in tractor's hydraulic reservoir
Inspect lines, hoses, fitting & couplers.
Wipe couplers with clean cloth

10 HRS

Hyd. fluid leaks

Damaged hoses

Tire pressure

25HRS



Lube points indicated

50 HRS

Working points & pins

Safety signs clean

ANNUAL

Bolt tightness

Wheel bearings

Latch mechanism

Cable assembly



TORQUE SETTINGS

Gr.8

3/8 45 lb-ft

5/8 215

3/4 385

7/8 620

Gr.10.9

24m 774 lb-ft

Hyd. fitting

3/4 16

Gr.8.8

8m 18 lb-ft

10m 37



WARRANTY

Degelman Industries warrants this product to the original owner for a period of one (1) year parts and labour and two (2) years parts from the date of purchase. All matters related to the warranty of our products must be handled through the authorized selling dealer.

Warranty does not cover normal wear of the machine components or damages caused by lack of maintenance or misuse, and is subject to the following provisions.

REPLACEMENT PARTS:

Will be warranted for a period of ninety (90) days.

WARRANTY ON MACHINES USED FOR CUSTOM WORK, RENTALS OR INDUSTRIAL USE:

Will be warranted as stated above, with the exception that it will be for a period of ninety (90) days only.

TIRES:

Will be adjusted for warranty by tire manufacturer.

LABOUR:

Any labour subject to warranty must be authorized by a Degelman representative before work is started. Warranty labour allowance and rates will be handled according to established warranty service policy.

GOVERNMENT LEGISLATION:

Warranty terms and conditions are subject to Provincial or State legislation.

MODIFICATIONS:

Warranty will be void if any component is altered or modified, unless written authorization is granted by Degelman Industries Limited.

WARRANTY ON ATTACHED EQUIPMENT:

No responsibility will be assumed for whatever damages may occur to persons, tractors or property.

