

46/57 places

9/10/04 Manual **#143208**

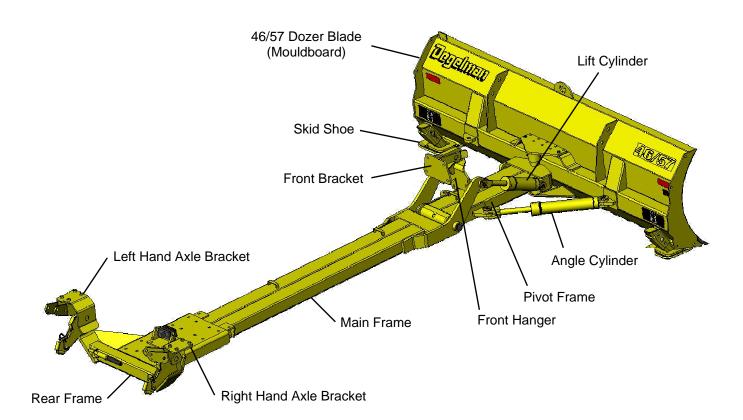


272 Industrial Drive, Box 830 Regina, Sask. Canada S4P 3B1 306 543-4447 543-2140 fx 1-800-667-3545 degelman@degelman.com



46/57 places dozer blades

10/04 Manual **#143208**



PARTS MAY NOT BE EXACTLY AS SHOWN





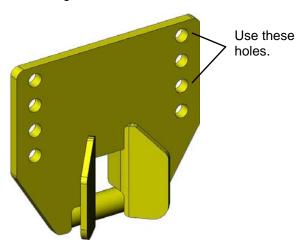
9/10/04 Manual **#143208**

Assembly Instructions:

Remove tractor front weight bracket.



Install Degelman front bracket 779336.





Place front hanger 779910 behind main frame bolt bar and use top holes.

Front Bracket to Tractor Hardware:

4 - 118143 - Bolt, Hex M20 x 2.5 x 60mm P8.8 PL

4 - 118551 - Washer, Lock M20 PL

Pivot Pin 778065

Pin Hardware:

1 - 118082 - Bolt, Hex 1/2 x 3-1/2 UNC Gr.5 PL

1 - 118504 - Washer, Lock 1/2 PL

1 - 118405 - Nut, Hex 1/2 UNC Gr.5 PL

Main frame 779790



3 - 118743 - Bolt, Hex 3/4 x 2-1/4 UNC Gr.5 PL

3 - 118509 - Washer, Lock 3/4 PL

3 - 118410 Nut, Hex 3/4 UNC Gr.5 PL

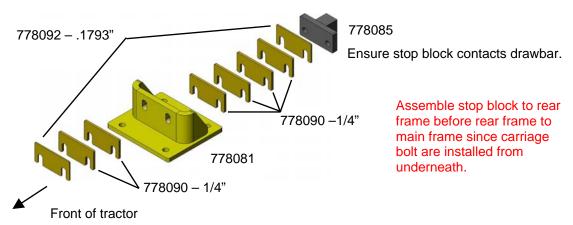
Ensure 3/8 to 5/8" gap, the front hook & hanger are for vertical loads only!



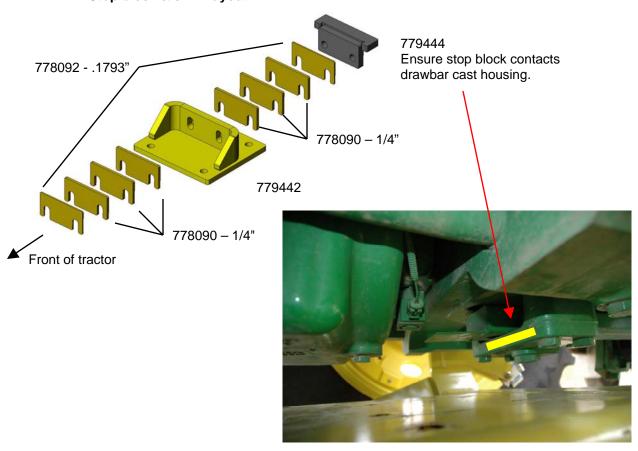
46/57 places

9/10/04 Manual **#143208**

Stop block & shim layout – STANDARD TRANSMISSION



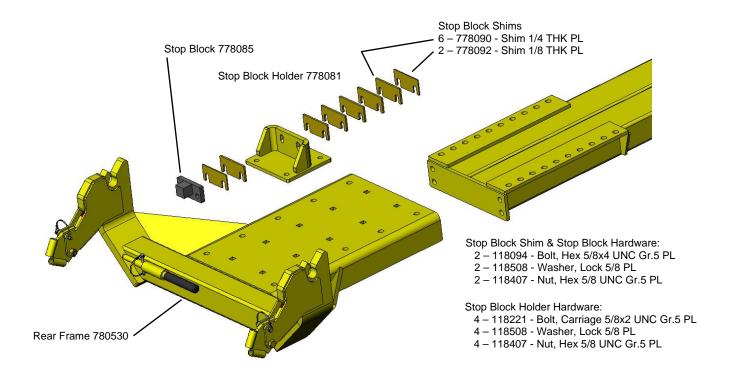
Stop block & shim layout - IVT



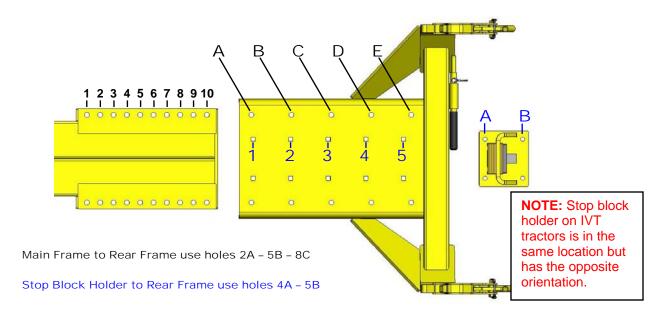


46/57 Dates

9/10/04 Manual **#143208**



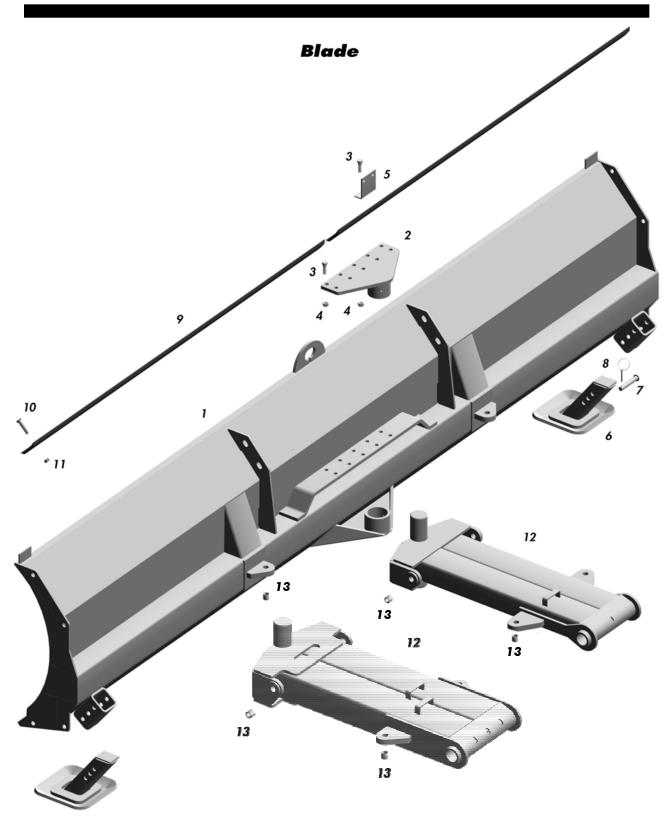
EXACT ARRANGEMENT OF SHIMS MAY VARY





46/57 places

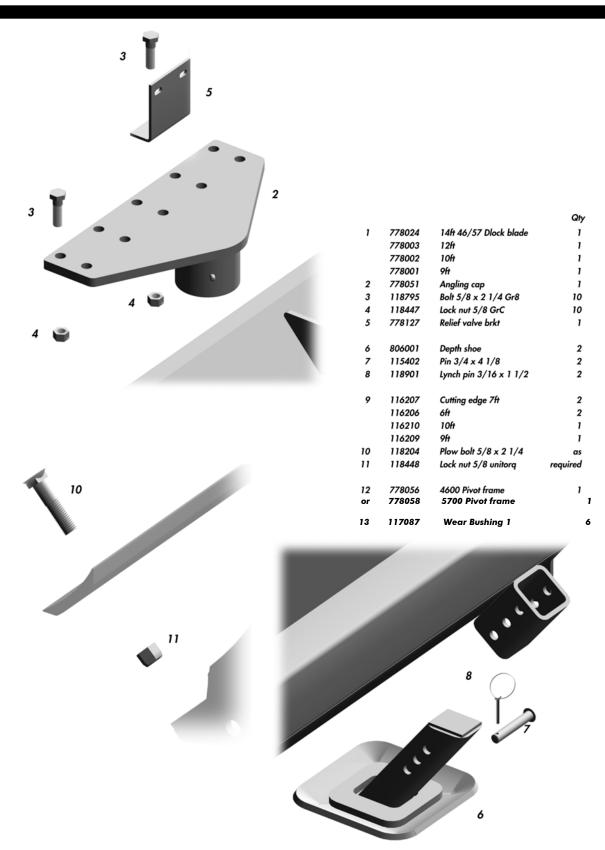
9/10/04 Manual **#143208**







9/10/04 Manual **#143208**







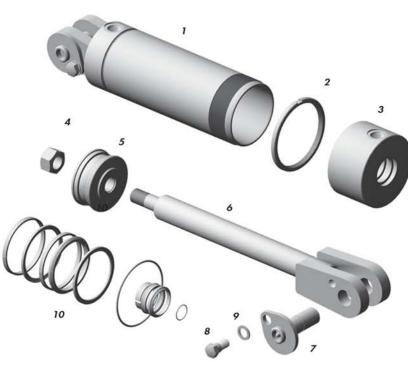
9/10/04 Manual **#143208**

Hydraulics

122731, 3 1/2 x 8 x 1 1/2 Lift cylinder



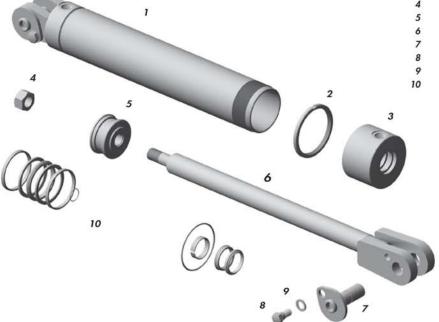
780040 Lift hydraulic kit



122729, 3 x 16 x 1 1/2 Angle cylinder

1	121671	Barrel	1
2	122558	Lock ring	1
3	122556	Ореп сар	1
4	118441	Lock nut 7/8 unf unitq	1
5	122563	Piston	1
6	122099	Rod & clevis	1
7	118930	Clevis pin	2
8	118796	Shld bolt 1/2 x 1 1/8	2
9	118924	Flat washer .591	2
10	122523	Seal kit	

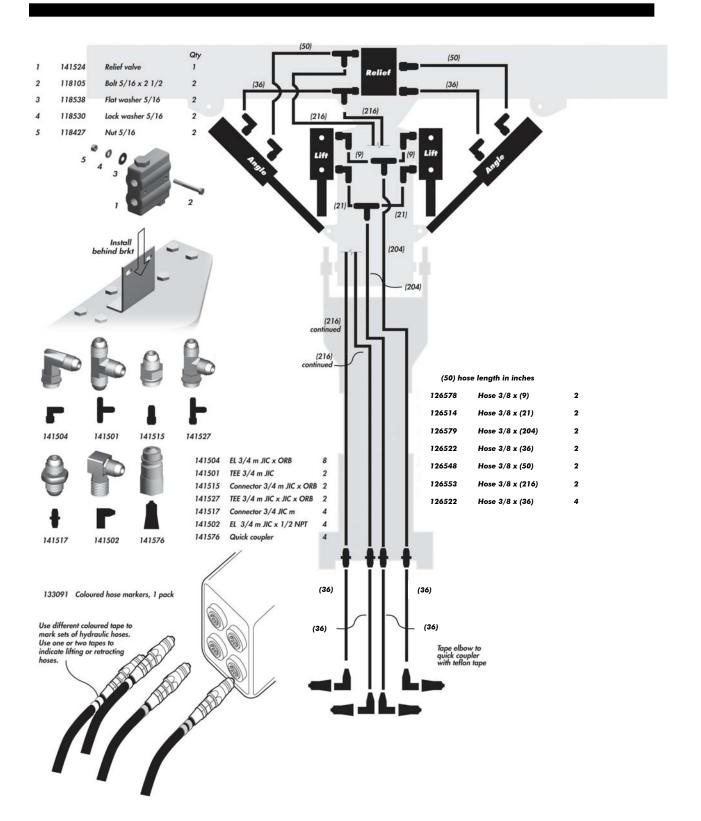
778040 Angle hydraulic kit







9/10/04 Manual **#143208**

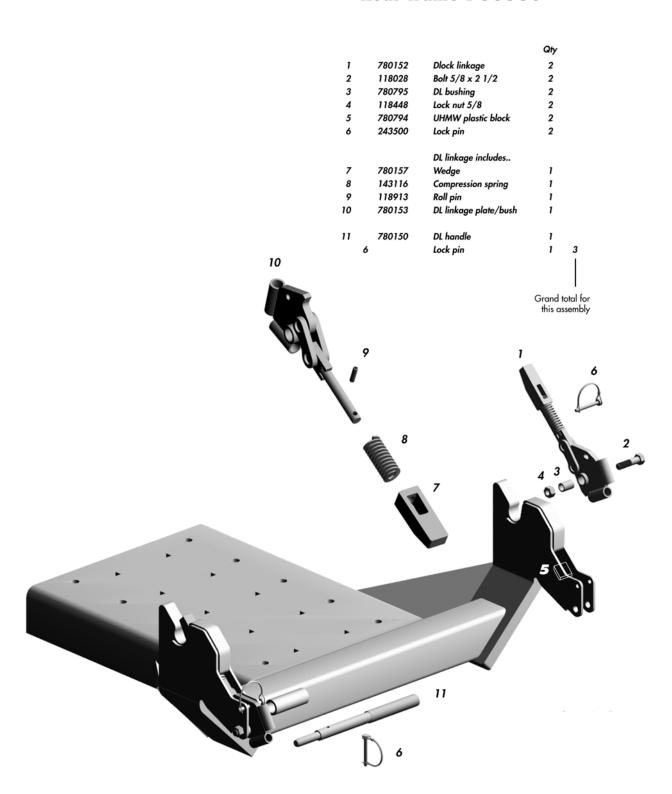






9/10/04 Manual **#143208**

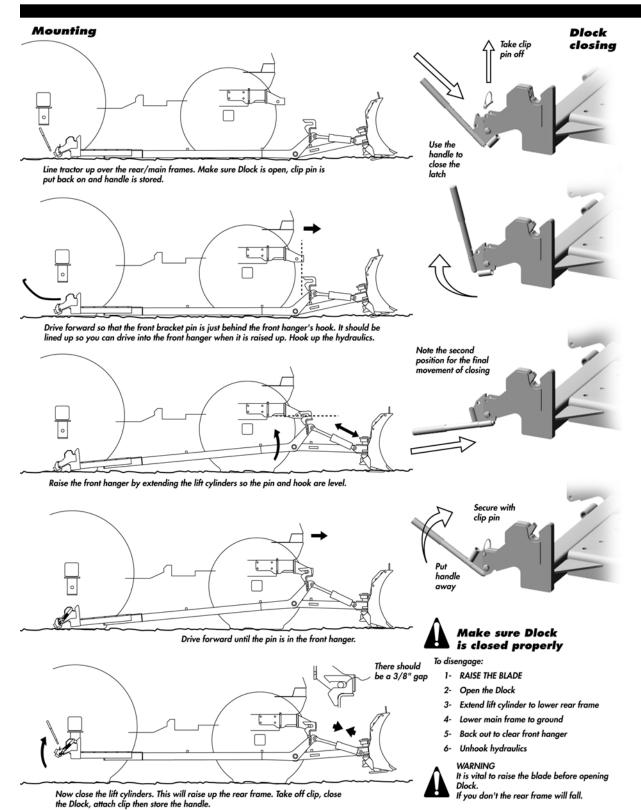
Rear frame 780530







9/10/04 Manual **#143208**



11





9/10/04 Manual **#143208**

Operation, maintenance

Before using for the first time

- Lube all points
- Torque all hardware to correct setting
- Check hardware torque & hydraulics after the first 2 hrs & again after 10 hrs

Rear end weights & Tire inflation

If needed, balance out your tractor by ballasting the rear end. You may need to raise the tire pressure in the front wheels. Consult your tractor's manual.

TORQUE all hardware

TORQUE SETTINGS

Before using each time

Check:

- If all points lubricated
- All components attached securely
- Condition of cutting edge
- Depth shoe wear
- Hydraulics;

Tractor's oil reservoir Condition of hoses, lines & fittings

Floatation mode

Here are some of the things you can do with your hyd system in float position;

- Skim the top of pavement
- Run on the skid shoes
- Back drag

Imperial	Grade			
Size	5	8	8	
1/4	9	12	ft lb	
5/16	18	25		
3/8	30	45		
7/16	50	70		
1/2	<i>75</i>	110		
9/16	10	155		
5/8	155	215		
3/4	270	385		
7/8	435	620		
1	660	930		

Bleeding hyd

Bleed hydraulics of air. Cycle the hydraulics several times and hold the cylinders at full extent for several seconds.

Cold weather

Cycle the cylinders several times to warm up system.

Metric	SAE		
Size	8.8	10.9	
3	0.4	1.3 ft lb	
4	2.2	3.3	
5	4	7	
6	7	11	
8	18	26	
10	<i>37</i>	52	
12	66	92	
15	66	228	
20	321	450	
24	553	774	

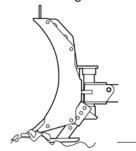
Depth shoes

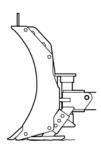
Soft uneven ground

- Depth shoe low
- Blade high

Hard even ground

- Depth shoe high
- Blade low





Hyd. fitting Size			
3/4	75 ft lb		
7/8	90		





9/10/04 Manual **#143208**

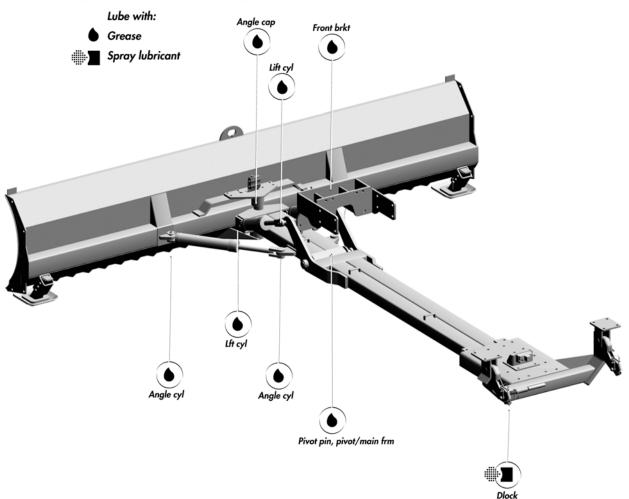
Record your serial number & blade width

9, 10, 12 or 14ft

All hardware;		? /
Hex head, Plated ,	Metric	thread specs
Gr.5 UNC (imperial)		Thread pitch
or P10.9 (metric)	14	2
Hoses;	16	2
•	20	2.5 2.5
3/8, ends c/w	22	
3/4 JIC female swivel	24	3
•	27	3
Unless stated otherwise	, 30	3.5

Lubrication

Lube all points and mechanisms after every 8 hr of use. Lube both sides







9/10/04 Manual **#143208**

Decals & reflectors Options 142386 Warning decal, Falling Blade Degelman logo 25 3/4 lg 142008 2 142280 Red reflector 6 3/8 Amber reflector 3 1/4 lg 142279 1 142904 46/57 blade decal 17 Bracket only used for blades without integrated brackets 18 19 7 10 16 11 Place washers on pin to fill gap 112149 Top extension 14ft 12ft 112153 112152 10ft 112151 12 118043 Bolt 3/4 x 2 118516 Flat washer 3/4 118410 Nut 3/4 118552 Flat washer 1 1/2 11 12 778010 Extension 1ft 2 112813 Silage extension 14ft Bolt 3/4 x 2 13 118043 8 112812 12ft 1 Lock washer 3/4 118509 112811 10ft Nut 3/4 118410 112810 9ft 112814 Bracket 2 778013 Side plate 2 Bolt 3/4 x 2 1/2 3 118047 Bolt 3/4 x 2 17 118043 8 118516 Flat washer 3/4 16 Lock washer 3/4 118509 118509 Lock washer 3/4 8 5

118410

Nut 3/4

118410

Nut 3/4



46/57 page dozer blades

9/10/04 Manual **#143208**

KILLED, INJURED OR SAFE?

Safety

YOUR CHOICE

You are responsible for your own safety. If you are not familiar with basic agricultural & industrial safety, you must get training. 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

HYDRAULIC

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.

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.

BLADE

Lower blade to the ground when not in use. Keep clear of blade when tractor is running. Keep hands & feet away from under blade. Turn engine off when hooking up hydraulics and engaging DLOCK during mounting or dismounting.

TRANSPORTING

Lift blade up then hold with safety chain. Make sure SMV sign & reflectors are clean. Use your hazard lights.



TELLE LINE LINE LINE LINE LINE LINE

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.



272 Industrial Drive, Box 830 Regina, Sask. Canada S4P 3B1 306 543-4447 543-2140 fx 1-800-667-3545 degelman@degelman.com

www.degelman.com