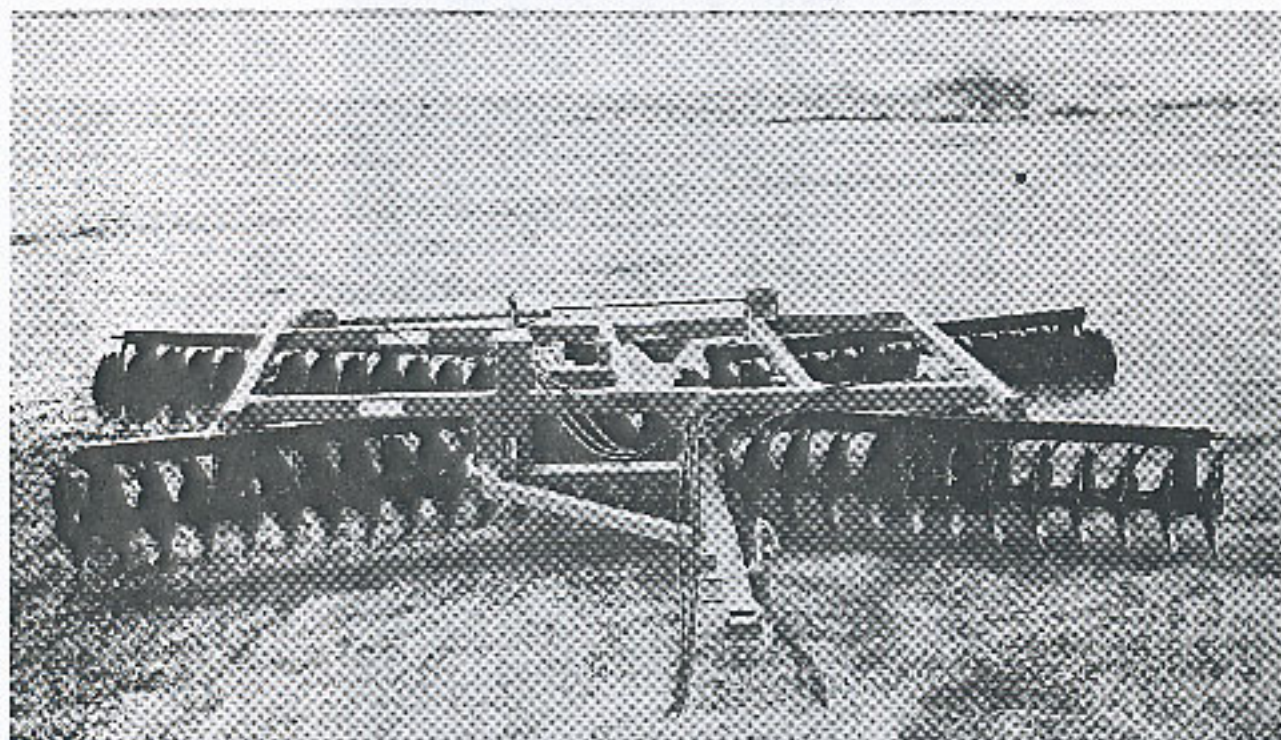


Kello - Bilt Series '210' Tandem Wing Disc



ENGINEERED AND DESIGNED FOR
MORE PRODUCTION AND LONGER LIFE

SOLD AND SERVICED BY

KELLOUGH ENTERPRISES INC.

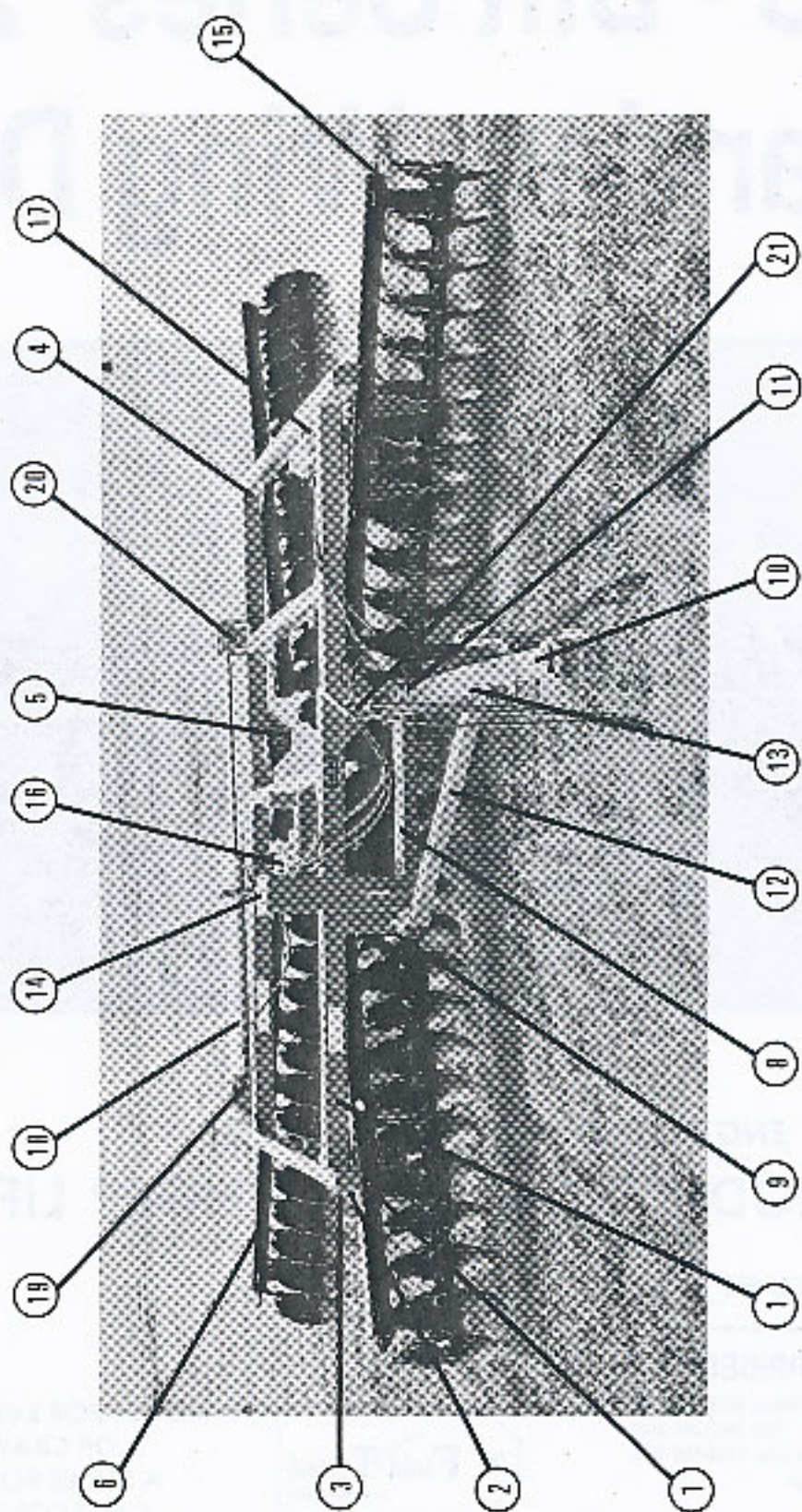
#3, 7491 - 49 Avenue Phone: (403) 347-2648
Red Deer, Alberta T4P 1N1 Fax: (403) 347-2656
email: kello@telusplanet.net Toll Free: 1-888-500-2646
web site: www.theworldtoo.com/kellogg



A MODEL FOR EVERY TRACTOR
OR CRAWLER
A SERIES FOR EVERY
FIELD CONDITION

BUY THE BEST - BUY KELLO-BILT

"It Gets The Job Done"



SET-UP INSTRUCTIONS

1. To install wheel carriage and wheels - (Refer to Figure 1). Place wheel carriage (2) under main frame (1) and attach frame with pins (3). Install lock bolts in pins and tighten locknuts. Install wheels on to hubs with wheel bolts provided and tighten securely. Repeat this procedure for the wing section.
 2. To attach wing frame to main frame - (Refer to Figure 1) slide wing frame (4) into main frame (1) with pin (5). Install lock bolts in pins and tighten lock nuts.
 3. To attach gang bars to frame - (Refer to Figure 1) bolt rear gang bar (6) to main frame (1) with 1" bolts. Bolt front gang bar (7) to main frame (1) with 1" bolts and tighten nuts securely. Repeat this procedure for the wing section.
 4. To attach bridle to frame - (Refer to Figure 1) place bridle (8) at front of main frame (1) and attach with pins (9). Install lock bolts and tighten nuts securely.
 5. To attach hitch pole to bridle - (Refer to Figure 1) attach main hitch pole (10) to bridle (8) at left corner (11) with 2" bolt. Tighten castellated nut and install lock bolt and nut. Attach hitch side arm (12) to opposite side of bridle with 1 1/4" bolt. Join hitch pole and side arm with 1 1/4" bolt at (13) on main hitch pole. Tighten all bolts securely.
 6. To attach fore-aft leveling assembly - (Refer to Figure 1) Install long tube to wheel carriage with 1 1/4" pin. Install short tube to top of main frame with 1 1/4" pin. Slide fore-aft eye bolt into long tube (pinned to wheel carriage) and pin to bridle mast (14). Slide fore-aft eye bolt c/w spring and washers into short tube (pinned to main frame) and pin to bridle mast (14).
 7. To attach scrapers - (Refer to Figure 1) Attach scraper bars (15) to gang bars (6 & 7) with carriage bolts. Attach scrapers to scraper bars with clamps and bolts provided. Adjust scraper close to disc but not rubbing disc.
 8. To mount hydraulic cylinders to frame - (Refer to Figure 1) Main frame lift cylinder (12" stroke) is attached between main frame (1) and wheel carriage (3) at (16) with 1 1/4" pins. Wing frame lift cylinder is 8" stroke attached between wing frame (4) and wheel carriage at (17) with 1" pins. Be certain the moving end (rod end) of the cylinder is attached to the wheel carriage with the butt end (barrel) attached to the frame. The wing lift cylinder (18) (57" stroke) is attached to main frame with 1 1/2" pin (19) and to wing frame with 1 1/2" pin (20).
- Fasten all hoses through hose stand (21) with enough slack to allow tractor to turn.

MAINTENANCE AND OPERATING INSTRUCTIONS:

Before Operating the disc be certain that:

1. After lowering wing into discing position remove pin (20) and retract wing lift cylinder (18) to closed position to prevent damage to cylinder if the disc was to flex too much.
2. With disc raised in transport position and hitched to tractor, adjust bottom fore-aft eye bolt until main frame is level front to rear. Adjust fore-aft spring lock on top fore-aft until spring is snug. The spring should be under some compression when discing, but should never be compressed completely. Note: In general use as little pressure as possible when discing.
3. All bolts are tight.
4. The disc axles are tight. Note: DISC gangs must be kept tight at all times.
5. Wheel bearings are adjusted properly and lubricated with bearing grease.
6. Grease fore-aft tubes every day.

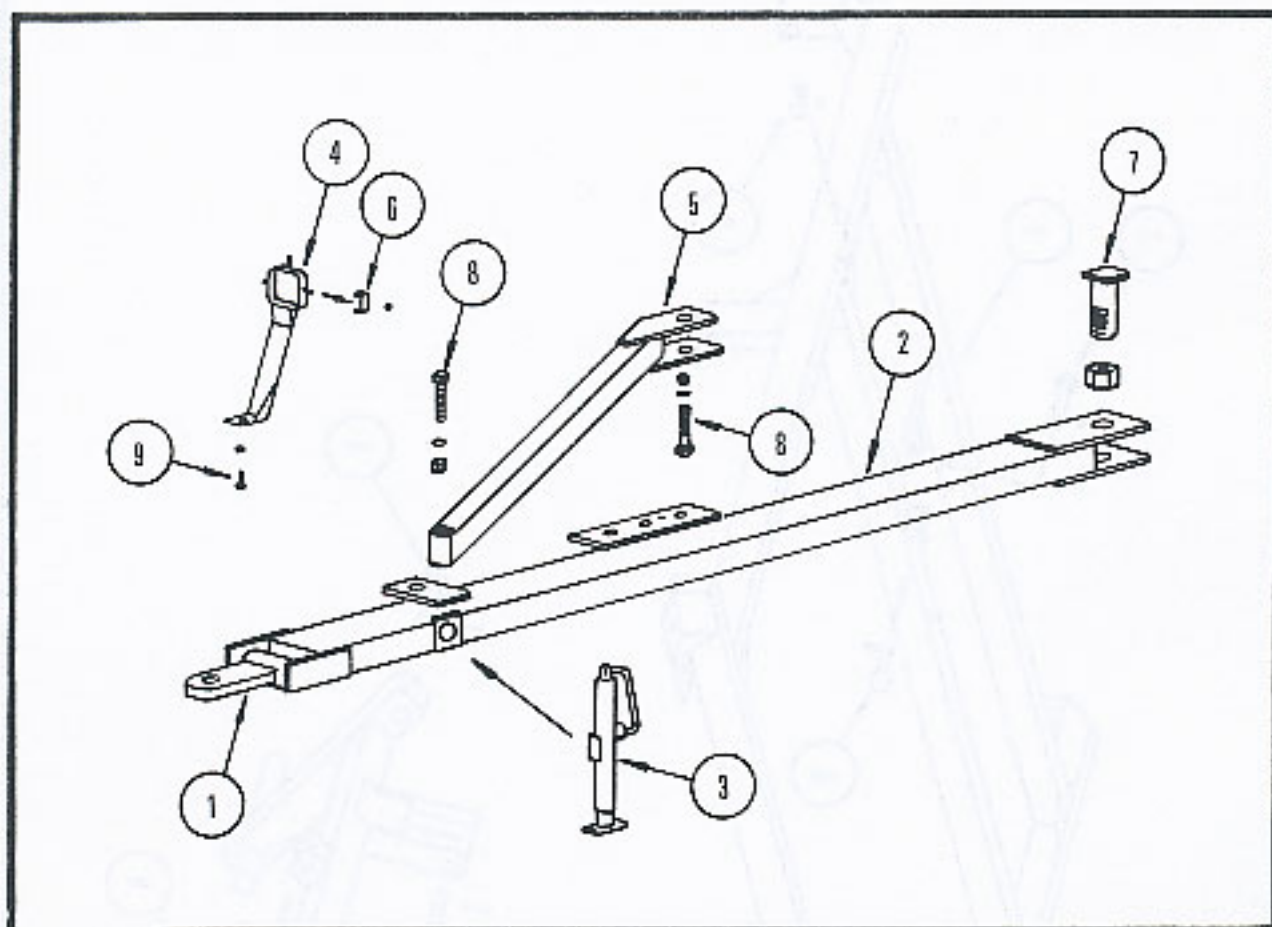
After First day of Operation: Tighten all bolts and disc axles, check wheel bearings for adjustment, oil threads on eye bolts and transport rod.

Every Day: Inspect and repair or replace broken or worn parts, check and/or tighten bolts and disc axles.

Every 100 Hours: Grease wheel bearings until grease shows outside wheel seals.

Caution: Wipe grease fitting clean before attaching pressure gun. Use clean lithium bearing grease and keep it clean. Keep tires properly inflated for long life but do not exceed 50 pounds pressure for proper flotation and protection of associated parts.

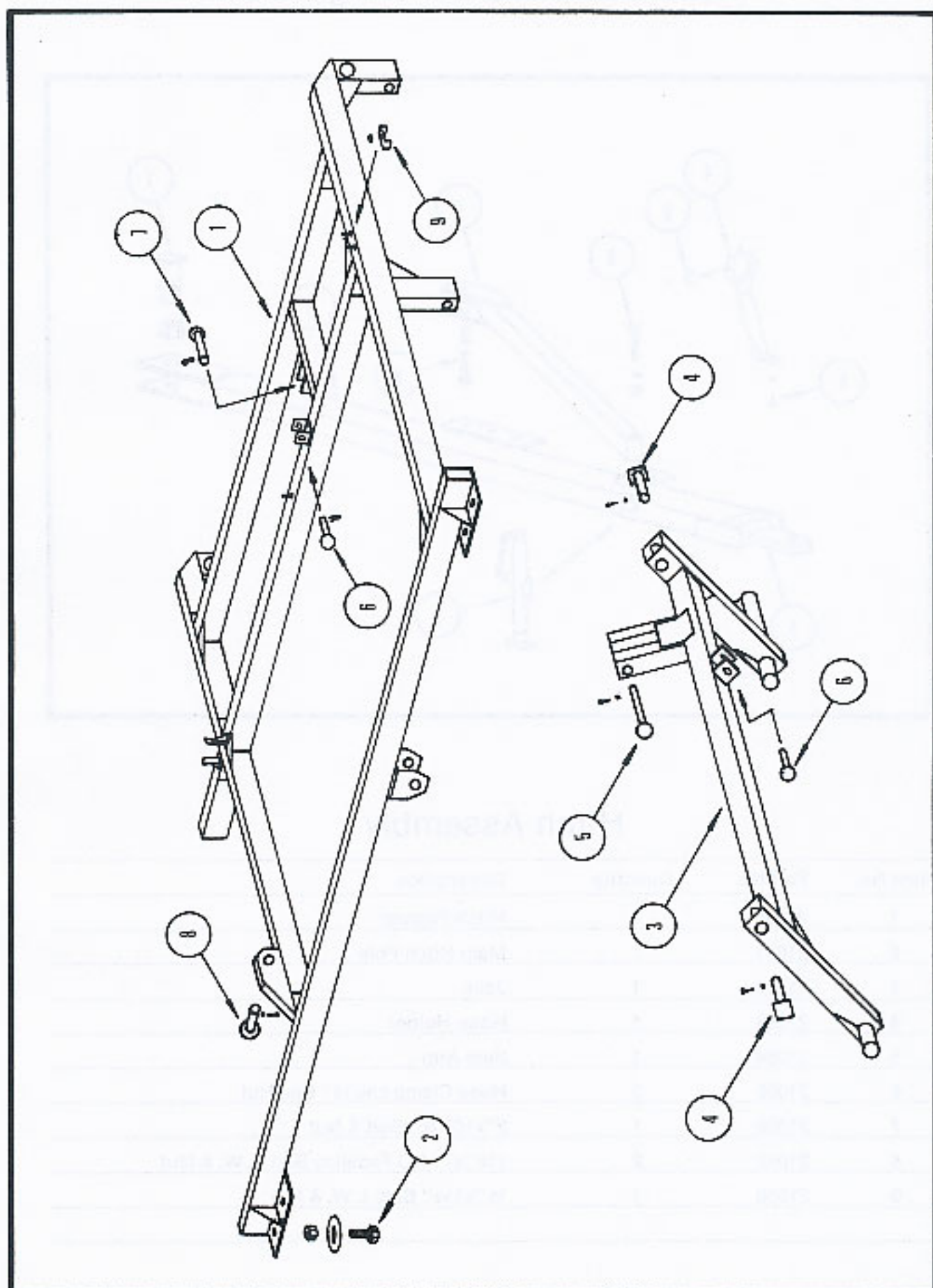
Kello-bilt Series 210 Wing Disc



Hitch Assembly

Item No.	Part No.	Quantity	Description
1	21060	1	Hitch Flapper
2	21061	1	Main Hitch Pole
3	21004	1	Jack
4	21063	1	Hose Holder
5	21064	1	Side Arm
6	21065	3	Hose Clamp c/w 1/2" Unc Nut
7	21066	1	2"x10" NC Bolt & Nut
8	21067	2	1 1/4"x7" NC Fedalloy Bolt, L.W. & Nut
9	21068	1	1/2"x1 1/2" Bolt, L.W. & Nut

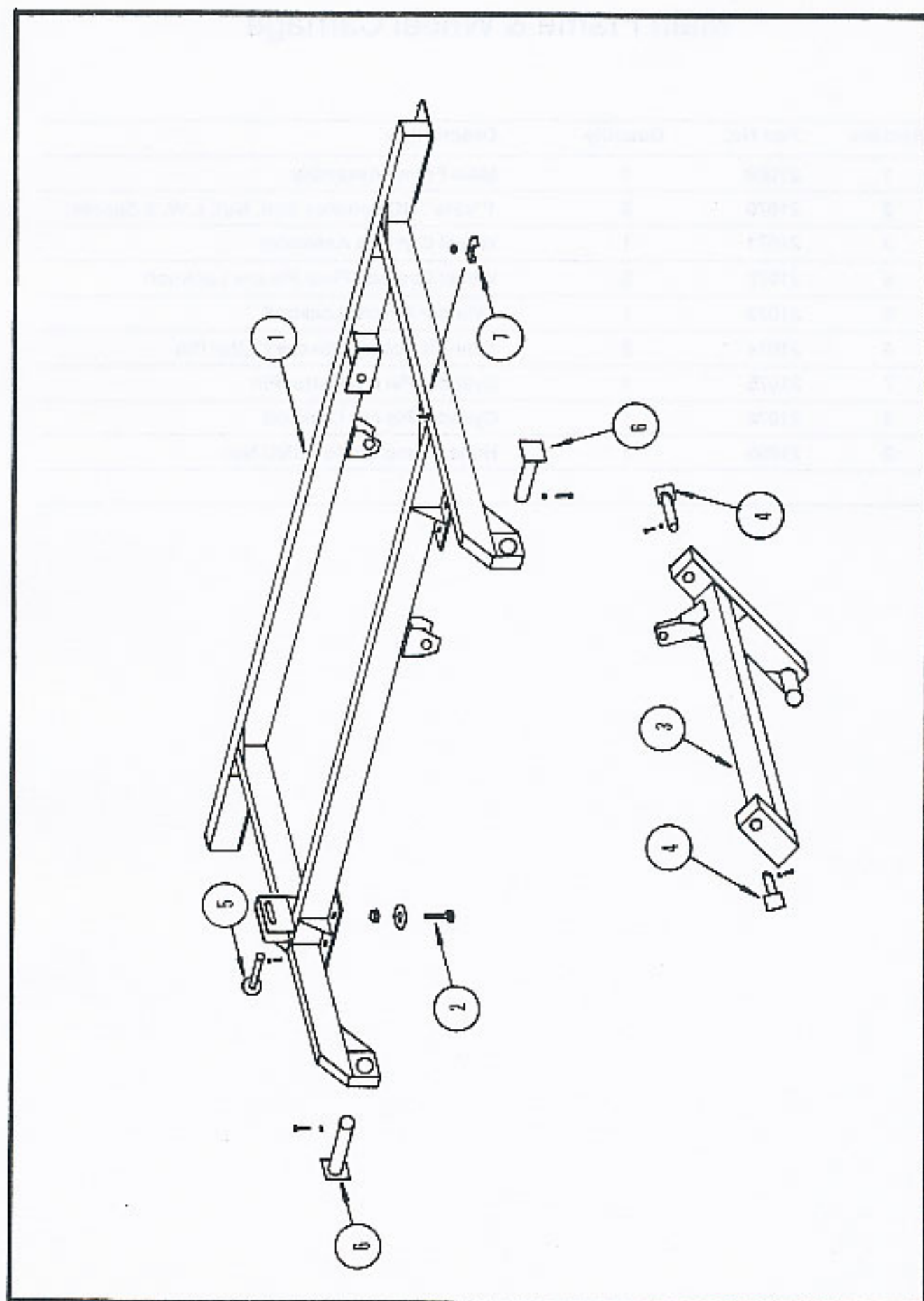
Main Frame & Wheel Carriage



Main Frame & Wheel Carriage

Item No.	Part No.	Quantity	Description
1	21069	1	Main Frame Assembly
2	21070	8	1"x3 1/2" NC Fedalloy Bolt, Nut, L.W. & Spacer
3	21071	1	Wheel Carriage Assembly
4	21072	2	Wheel Carriage Pivot Pin c/w Lockbolt
5	21073	1	Cylinder Pin c/w Lockbolt
6	21074	2	Fore-Aft Bottom Pin c/w Cotter Pin
7	21075	1	Cylinder Pin c/w Cotter Pin
8	21076	1	Cylinder Pin c/w Lockbolt
9	21065	3	Hose Clamp c/w 1/2" UNC Nut

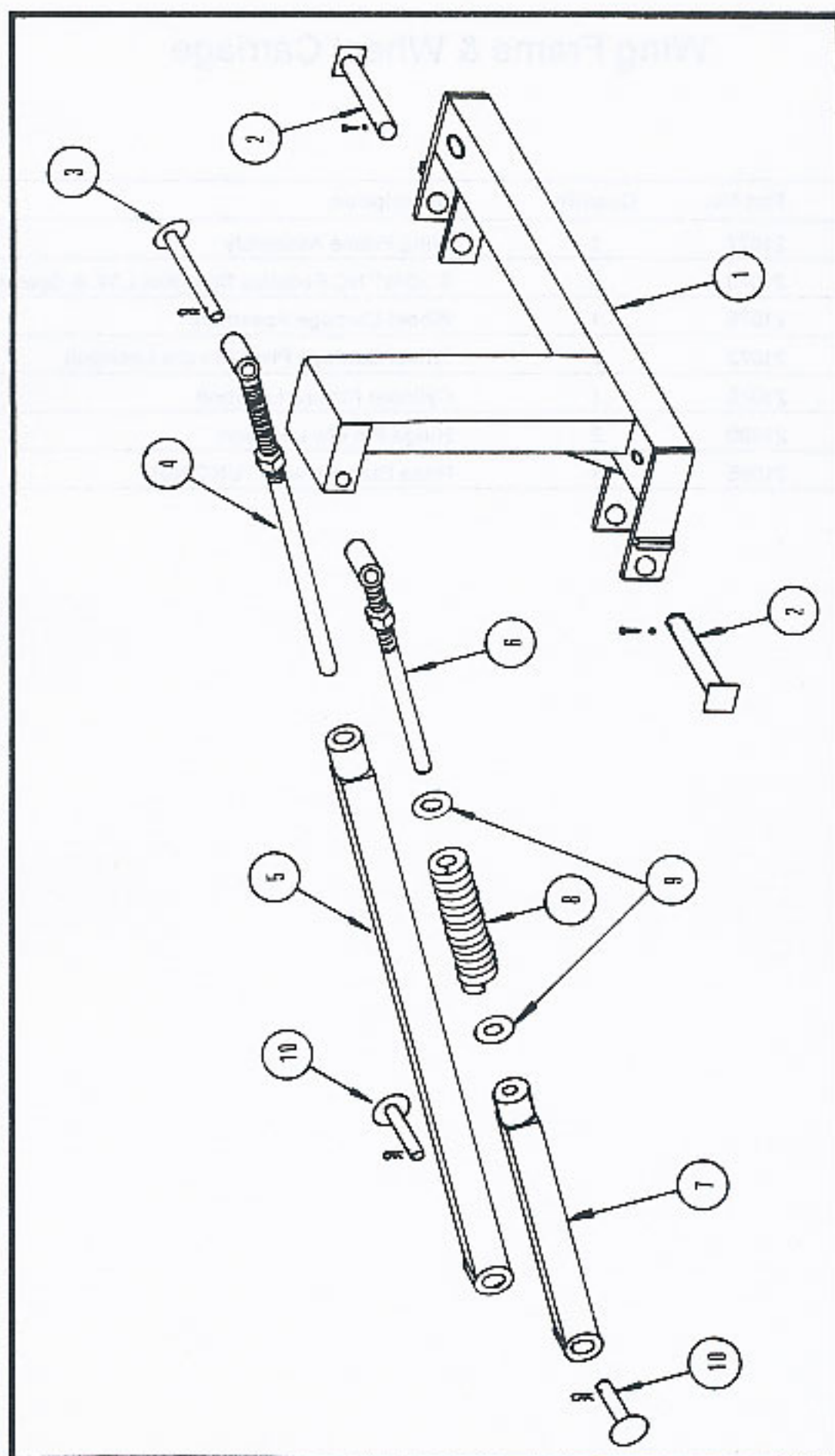
Wing Frame & Wheel Carriage



Wing Frame & Wheel Carriage

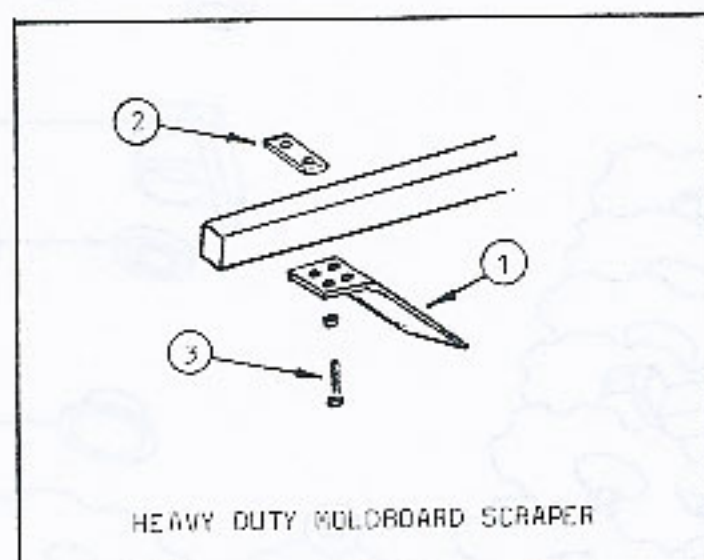
Item No.	Part No.	Quantity	Description
1	21077	1	Wing Frame Assembly
2	21070	8	1"x3 1/2" NC Fedalloy Bolt, Nut L.W. & Spacer
3	21078	1	Wheel Carriage Assembly
4	21072	2	Wheel Carriage Pivot Pin c/w Lockbolt
5	21079	1	Cylinder Pin c/w Lockbolt
6	21080	2	Hinge Pin c/w Lockbolt
7	21065	1	Hose Clamp c/w 1/2" UNC Nut

Bridle Assembly & Fore Aft Control Assembly



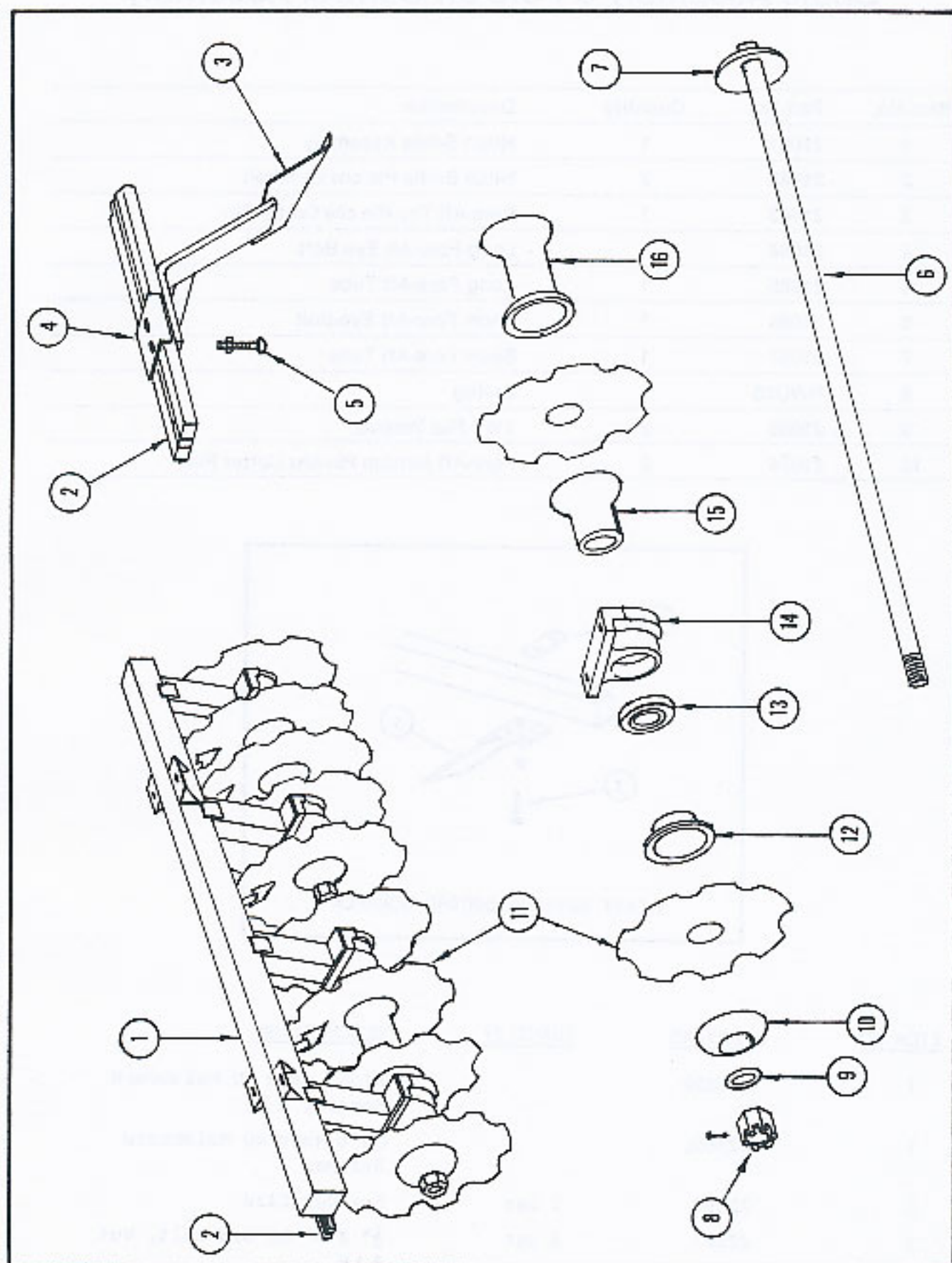
Bridle Assembly & Fore-aft Control Assembly

Item No.	Part No.	Quantity	Description
1	21081	1	Hitch Bridle Assembly
2	21082	2	Hitch Bridle Pin c/w Lockbolt
3	21083	1	Fore-Aft Top Pin c/w Cotter Pin
4	21084	1	Long Fore-Aft Eye-Bolt
5	21085	1	Long Fore-Aft Tube
6	21086	1	Short Fore-Aft Eye-Bolt
7	21087	1	Short Fore-Aft Tube
8	RWU65	1	Spring
9	21088	2	1 1/2" Flat Washer
10	21074	2	Fore-Aft Bottom Pin c/w Cotter Pin



<u>ITEM NO</u>	<u>PART NO</u>	<u>QUANTITY</u>	<u>DESCRIPTION</u>
1	22589R		Right Hand HD Moldboard Scraper
1	22589L		Left Hand HD Moldboard Scraper
2	22590	2 per	Scraper Clip
3	22591	4 per	1/2" X 4" MC Gr5 Bolt, Nut & LW

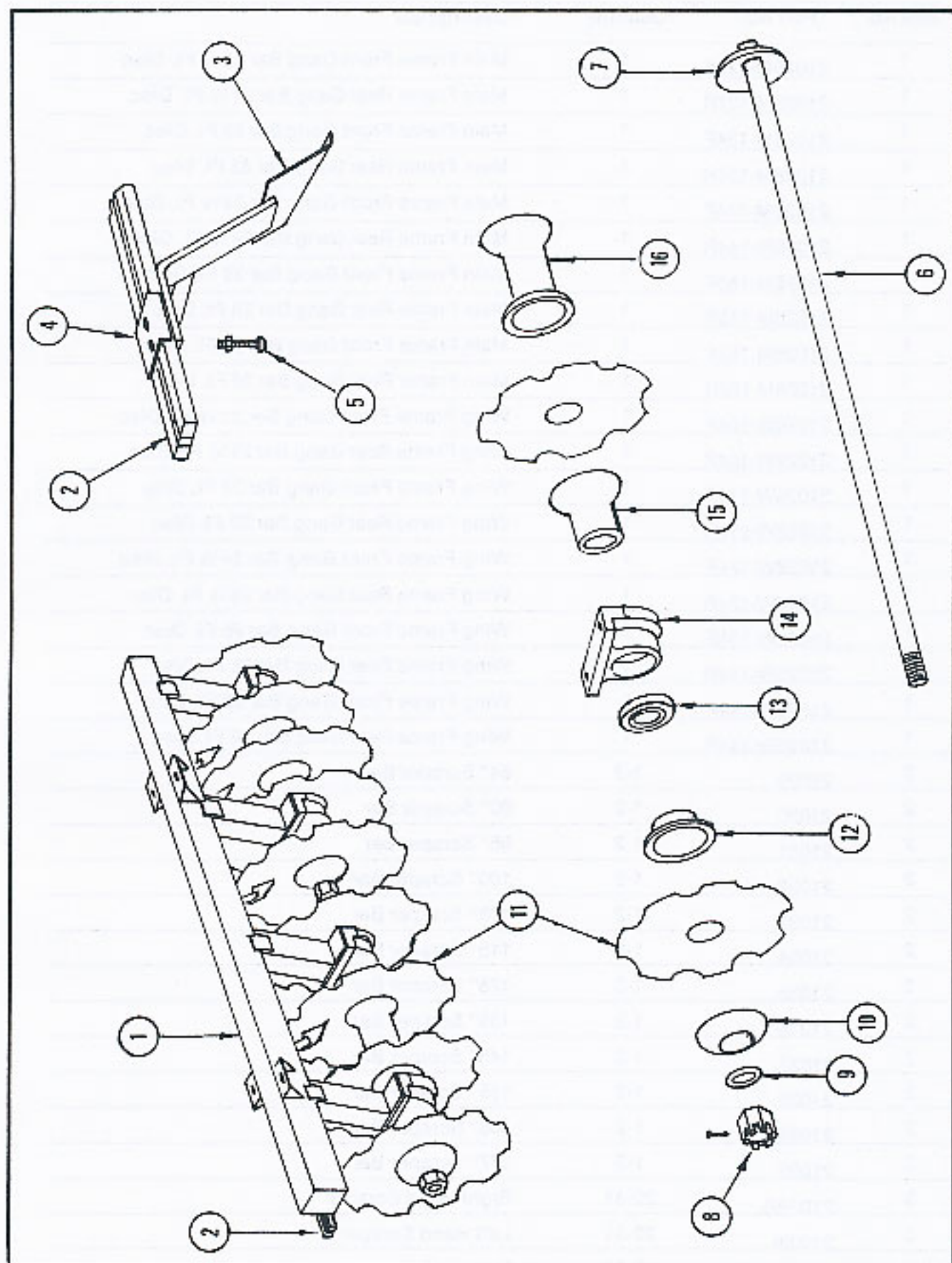
Gang Assembly



Gang Assembly Items 1-5

Item No.	Part No.	Quantity	Description
1	21028M-127F	1	Main Frame Front Gang Bar 21½ Ft. Disc
1	21028M-127R	1	Main Frame Rear Gang Bar 21½ Ft. Disc
1	21028M-134F	1	Main Frame Front Gang Bar 23 Ft. Disc
1	21028M-134R	1	Main Frame Rear Gang Bar 23 Ft. Disc
1	21028M-144F	1	Main Frame Front Gang Bar 24½ Ft. Disc
1	21028M-144R	1	Main Frame Rear Gang Bar 24½ Ft. Disc
1	21028M-155F	1	Main Frame Front Gang Bar 26 Ft. Disc
1	21028M-155R	1	Main Frame Rear Gang Bar 26 Ft. Disc
1	21028M-165F	1	Main Frame Front Gang Bar 28 Ft. Disc
1	21028M-165R	1	Main Frame Rear Gang Bar 28 Ft. Disc
1	21028W-104F	1	Wing Frame Front Gang Bar 21½ Ft. Disc
1	21028W-104R	1	Wing Frame Rear Gang Bar 21½ Ft. Disc
1	21028W-114F	1	Wing Frame Front Gang Bar 23 Ft. Disc
1	21028W-114R	1	Wing Frame Rear Gang Bar 23 Ft. Disc
1	21028W-124F	1	Wing Frame Front Gang Bar 24½ Ft. Disc
1	21028W-124R	1	Wing Frame Rear Gang Bar 24½ Ft. Disc
1	21028W-134F	1	Wing Frame Front Gang Bar 26 Ft. Disc
1	21028W-134R	1	Wing Frame Rear Gang Bar 26 Ft. Disc
1	21028W-144F	1	Wing Frame Front Gang Bar 28 Ft. Disc
1	21028W-144R	1	Wing Frame Rear Gang Bar 28 Ft. Disc
2	21029	1-2	84" Scraper Bar
2	21030	1-2	90" Scraper Bar
2	21031	1-2	95" Scraper Bar
2	21032	1-2	100" Scraper Bar
2	21033	1-2	105" Scraper Bar
2	21034	1-2	115" Scraper Bar
2	21035	1-2	125" Scraper Bar
2	21036	1-2	135" Scraper Bar
2	21037	1-2	145" Scraper Bar
2	21038	1-2	155" Scraper Bar
2	21089	1-2	166" Scraper Bar
2	21090	1-2	177" Scraper Bar
3	21039R	22-31	Right Hand Scraper
3	21039L	22-31	Left Hand Scraper
4	21040	46-62	Scraper Clip
5	21041	2 per scraper	½"x2" Carriage Bolt, Washer & Nut

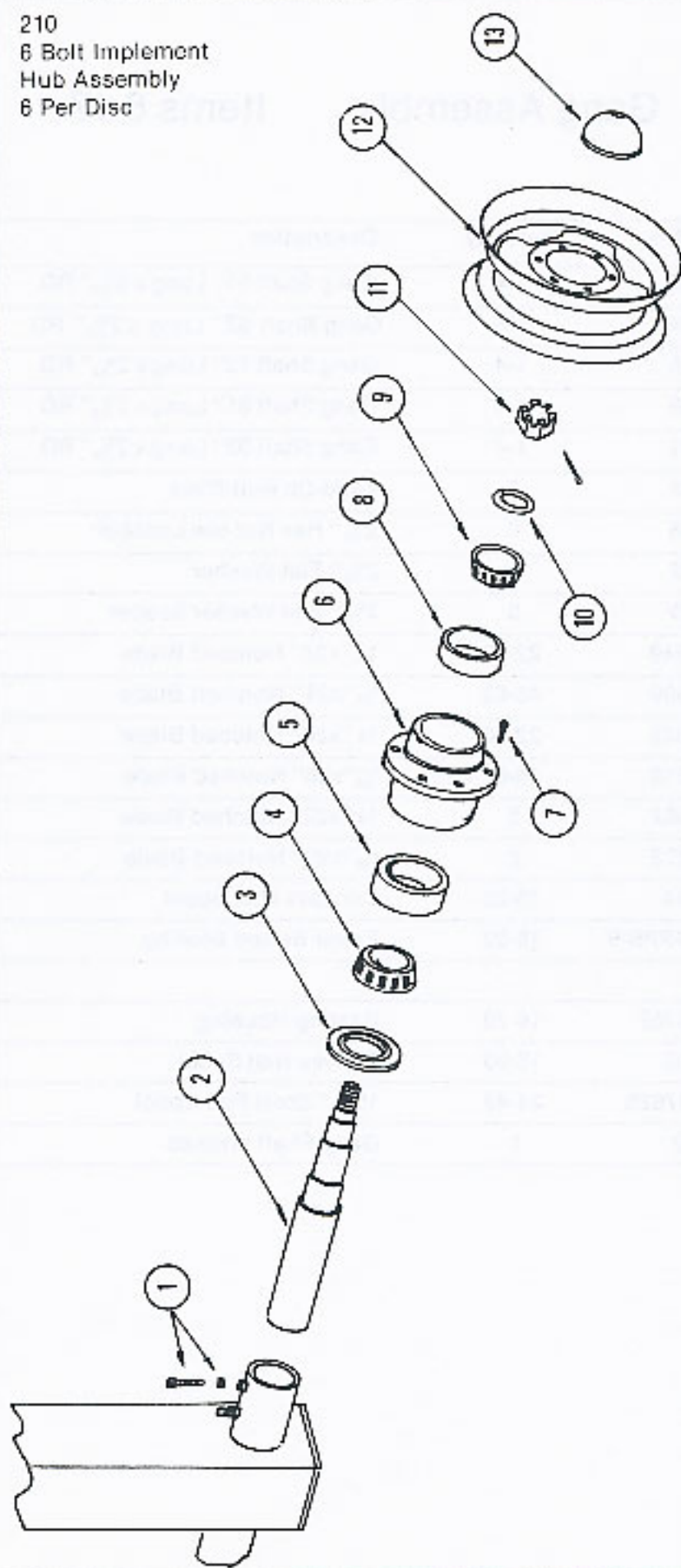
Gang Assembly



Gang Assembly Items 6-17

Item No.	Part No.	Quantity	Description
6	21043	1-4	Gang Shaft 51" Long x $2\frac{3}{16}$ " RD
6	21044	1-4	Gang Shaft 62" Long x $2\frac{3}{16}$ " RD
6	21045	1-4	Gang Shaft 72" Long x $2\frac{3}{16}$ " RD
6	21046	1-4	Gang Shaft 81" Long x $2\frac{3}{16}$ " RD
6	21091	1-4	Gang Shaft 92" Long x $2\frac{3}{16}$ " RD
7	21047	8	Weld-On Butt Plate
8	21048	8	$2\frac{3}{16}$ " Hex Nut c/w Lockbolt
8	21049	8	$2\frac{3}{16}$ " Flat Washer
10	21050	8	$2\frac{3}{16}$ " End Washer Spacer
11	20-5049	22-30	$\frac{1}{4}$ "x24" Notched Blade
11	20-5309	46-62	$\frac{5}{16}$ "x24" Notched Blade
11	20-6042	22-30	$\frac{1}{4}$ "x26" Notched Blade
11	20-6218	46-62	$\frac{5}{16}$ "x26" Notched Blade
11	20-4382	2	$\frac{1}{4}$ "x22" Notched Blade
11	21-8273	2	$\frac{5}{16}$ "x20" Notched Blade
12	KB201	16-20	Concave Half Spool
13	W214PPB-9	16-20	Fafnir Sealed Bearing
14	KB16757	16-20	Bearing Housing
15	KB202	16-20	Convex Half Spool
16	KB16762S	24-42	10 $\frac{1}{2}$ " Steel Full Spool
17	21062	1	Gang Shaft Wrench

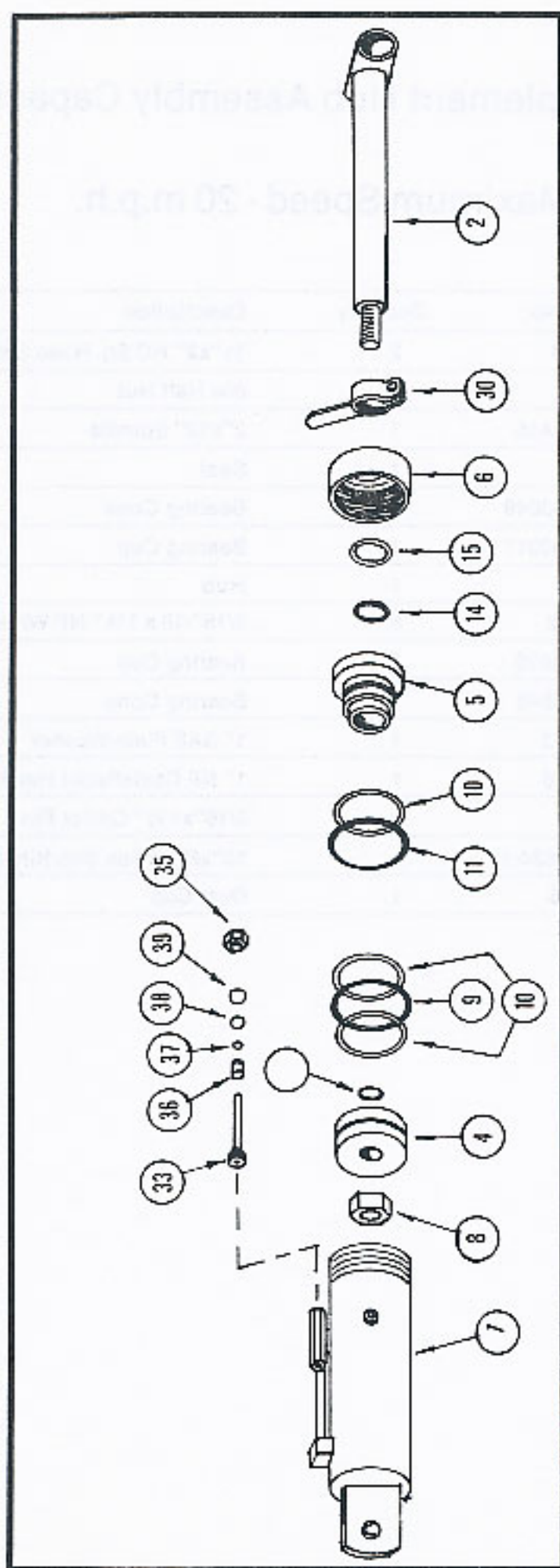
210
6 Bolt Implement
Hub Assembly
6 Per Disc



210 6-Bolt Implement Hub Assembly Capacity 5000 lbs.

Maximum Speed - 20 m.p.h.

Item No.	Part No.	Quantity	Description
1	21051	2	½"x2" NC Sq. Head Set Screw c/w Half Nut
2	S614-A15	1	2"x12" Spindle
3	SE16	1	Seal
4	LM603049	1	Bearing Cone
5	LM603011	1	Bearing Cup
6	H614	1	Hub
7	WB12	6	9/16"-18 x 1¼" NF Wheel Bolt
8	LM48510	1	Bearing Cup
9	LM48548	1	Bearing Cone
10	WA-13	1	1" SAE Plain Washer
11	WB-33	1	1" NF Castellated Hex Nut 3/16"x1½" Cotter Pin
12	1581-624-1	1	15"x8"x6 Bolt Imp Rim (White)
13	DC-15	1	Dust Cap



Main Frame Wheel Carriage & Wing Lift Cylinders

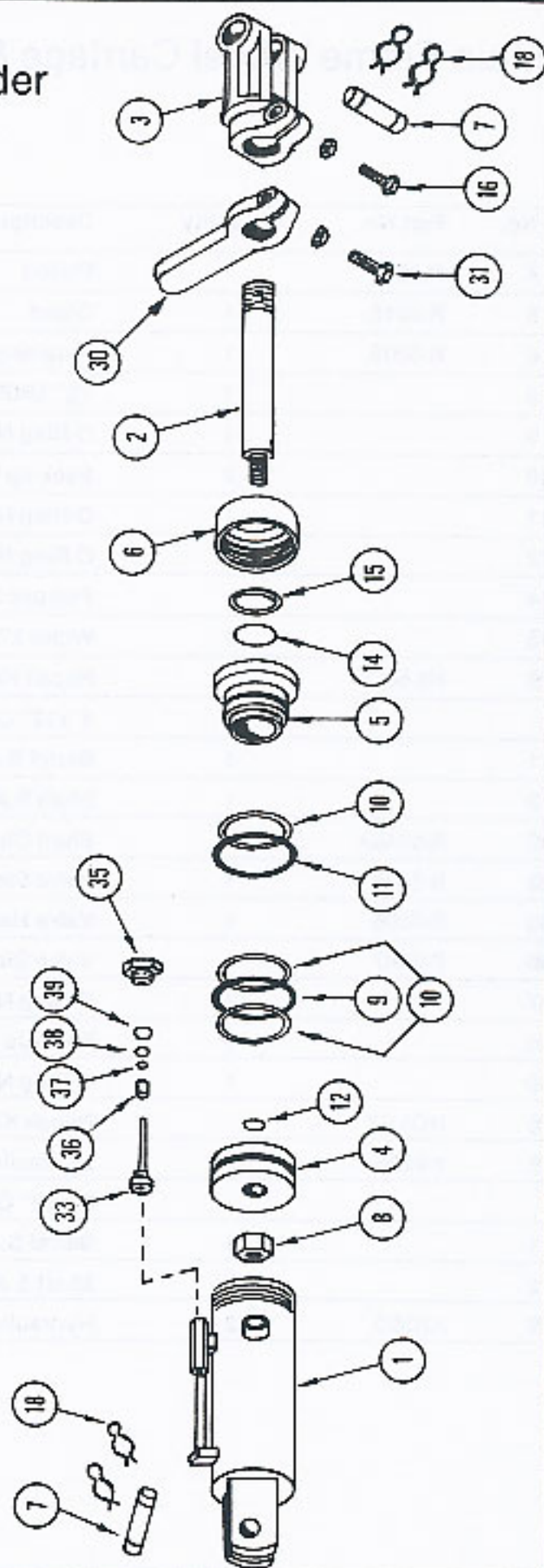
Item No.	Part No.	Quantity	Description
4	R-3517	1	Piston
5	R-2016	1	Gland
6	R-3009	1	Retaining Nut
8		1	1 1/8" UNF Locknut
9		1	O-Ring No. 425 4 1/2"x5" Duro 90
10		3	Back-up Washer No. 425
11		1	O-Ring No. 425 4 1/2"x5" Duro 90
12		1	O-Ring No. 216 Duro 70
14		1	Polypak 2"x2 3/8"x3 1/16" Cased
15		1	Wiper 2"x2 3/8"x3 1/16" Cased
N/S	R3-50-2		Repair Kit consists of 9, 10, 11, 12, 14, 15 5"x12" Cylinder c/w Hyd. Depth Control
1		1	Barrel S.A.
2		1	Shaft S.A.
30	R-6040A	1	Shaft Clamp 2" RD
33	R-6008	1	Valve Stem & Poppet
35	R-6006	1	Valve Head
36	R-6007	1	Valve Sleeve
37		1	O-Ring No. 009 Duro 70
38		1	Back-Up Washer No. 009
39		1	O-Ring No. 114 Duro 70
N/S	HOLSK		Repair Kit consists of 37, 38, 39
N/S	KB228	2	Hydraulic Hose — 19' 5"x60" Cylinder Less Depth Control
1		1	Barrel S.A.
2		1	Shaft S.A.
N/S	KB300	2	Hydraulic Hose - 25'

Ram RH Series Double Acting Cylinder

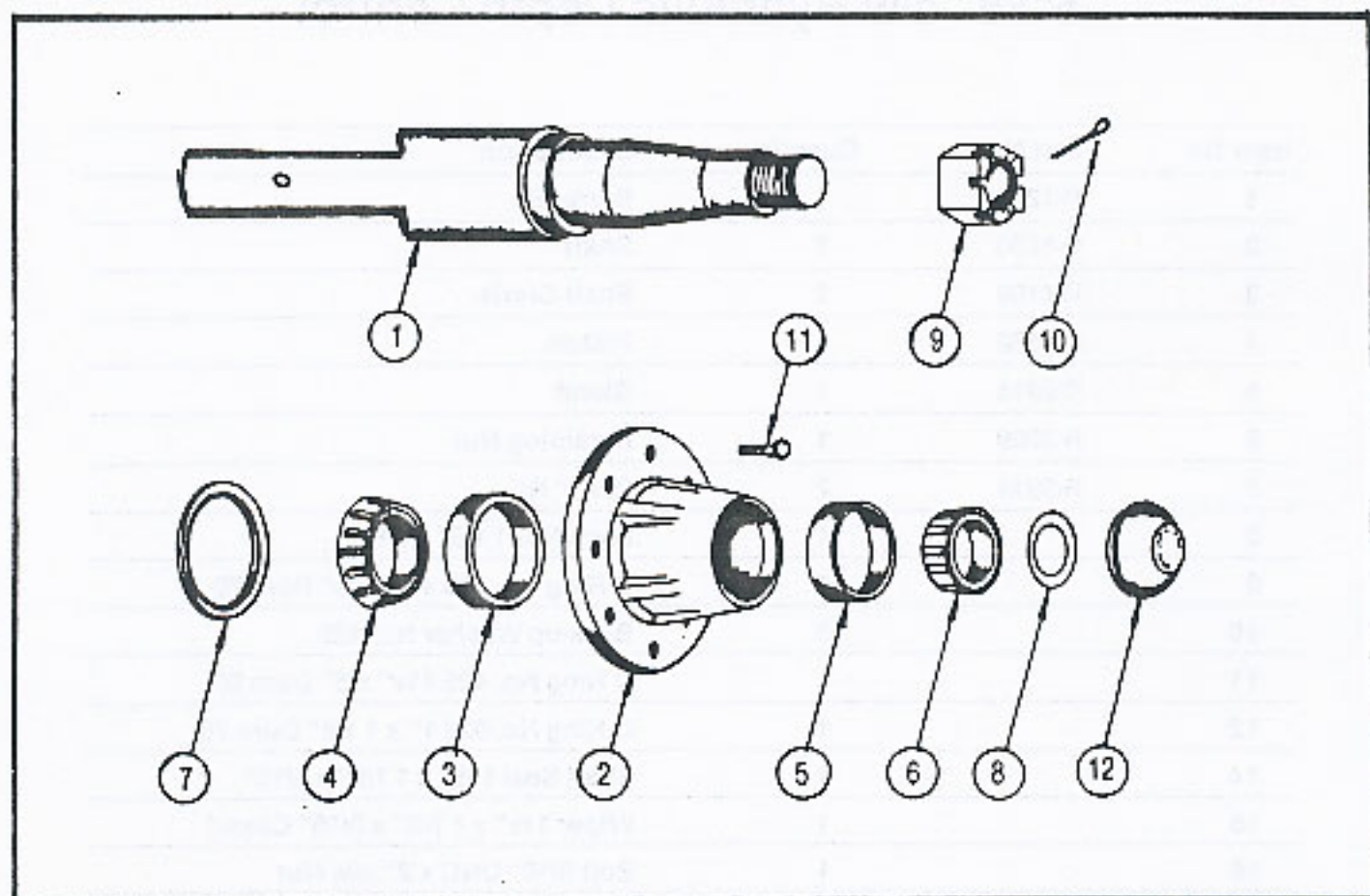
Model RH3-40A-08 c/w 1 1/4 shaft

RH3-40A-08 c/w 1 1/2 shaft

RH3-50A-08 c/w 1 1/2 shaft



8-Bolt Implement Hub Assembly



Item No.	Part No.	Quantity	Description
1	S812-A03	1	2 3/4"x14 3/4" Spindle Stepped down to 2" MACHINED
2	HD812	1	Hub
3	3720	1	Inner Bearing Cup
4	3780	1	Inner Bearing Cone
5	2720	1	Outer Bearing Cup
6	2790	1	Outer Bearing Cone
7	SE17	1	Grease Seal
8	WA17	1	Spindle Washer
9	WB33	1	1" NF Castellated Hex Nut
10		1	Cotter Pin 3/16" x 1 1/2"
11	WB12	8	3/16" x 1 1/4" NF Wheel Bolt
12	DC17	1	Dust Cap
NS	1681-813-1	1	16x8x8 Bolt Wheel

Kello-Bilt Warranty Information

To The Purchaser

Kello-Bilt Industries Ltd. warrants its products to the original owner for a period of one year from date of purchase. All matters related with the warranty of our products must be handled through the authorized selling dealer. Warranty does not cover normal wear of the disc components or damages caused by lack of maintenance or misuse, and is subject to the following provisions:

SUBJECT TO THE LIMITATIONS HEREINAFTER CONTAINED, every new Farm Implement (as defined in The Farm Implement Act, Chapter 20 S.A. 1967 and amendments thereto) if described in this parts manual and if purchased by a farmer for his own use, is covered by the warranties hereinafter made, and referred to in the said ACT AND NO OTHER.

LIMITATIONS OF WARRANTY

1. **Original Purchaser Only:** This said warranty is to the original purchaser only and to no other person.
2. **Duration:** The duration of time limit of the said warranty (hereinafter called the warranty period) shall be one (1) year from the date that the new farm implement is first used within the first normal season of use for its intended purpose.
3. **Replacement or Repair Only:** The sole liability for breach of the said warranty shall be to replace or repair free of charge including installation, at the Seller's place of business, any parts which prove to be defective within the warranty period, under reasonable operating conditions and proper use, care and maintenance; the said defective part or parts are to be returned to the Seller within 30 days of being found defective; IN NO EVENT shall there be any liability for any consequential damages such as damages for loss of use or loss of profit or expenses, out of pocket or otherwise.
4. **Replacement Parts:** Will be warranted for a period of 90 days.
5. **Labor:** Any labour subject to warranty must be authorized by a Kello-Bilt Industries Ltd. representative before work is started. Warranty labour allowance & rates will be handled according to established Service Warranty Policy.
6. **Warranty Parts:** Defective parts are to be stored at the dealership & warranty will be subject to inspection by a Kello-Bilt Industries Ltd. representative or shipped prepaid to Stettler, Alberta, Canada.
7. **Warranty on Machines Used For Custom Work, Rental or Industrial/Construction Use:** Warranty on discs used for custom work, rental or industrial/construction use shall be stated below, with the exception that it shall be for a period of 90 days only.
8. **Government Legislation:** Warranty terms & conditions are subject to provincial or state legislation.

9. **Warranty Will be Void:** If any disc component is altered or modified, unless written authorization is granted by Kello-Bilt Industries Ltd.

10. **Notice of Claim:** The Purchaser shall forthwith after any alleged breach of warranty within the warranty period, notify in writing the particulars of the Purchaser's claim by registered mail addressed to the Seller and the Manufacturer at their respective addresses, giving a description of the new Farm Implement and the return address of the Purchaser.

11. **No Other Warranties, Conditions or Representations:** Purchaser acknowledges that this agreement constitutes the entire contract and there are no other representations, warranties or conditions, expressed or implied, statutory or otherwise, other than as contained herein or delivered in writing herewith. Without limiting the generality of the foregoing, Purchaser agrees that there is no warranty as to the year and model, even if stated herein.

12. **Time:** Time shall strictly be of the essence.

13. **No Warranty on Tires - Tubes - Accessories:** No warranty whatsoever is given as to tires and tubes or as to accessories unless such accessories are new and are manufactured by the manufacturer named on the reverse side hereof and such accessories are sold as part of the said new Farm Implement.

14. **Disc Blade Warranty:** (1) Full warranty will be given for one year from date of purchase for a straight directional break or split disc caused by faulty or defective material.

(2) 50 per cent warranty will be given for one year from date of purchase for the following:

(a) Irregular breaks, tear type fractures, chipped or dented edges resulting from use in severe areas such as rocks or stumps, (b) Centre broken out — caused by rock or stump conditions, excessive flexing of discs or loose gang bolts.

(3) Warranty limited to disc replacement upon return of damaged disc, prepaid to Stettler, Alberta, Canada.

15. **Warranty - Property Other than New Farm Implements**

(Set forth above, warranty, if any, on property other than New Farm Implements, such warranty to be honoured only at Stettler's place of business).

I hereby acknowledge receipt of a true copy of this Agreement and that I am the Purchaser named therein.

Because we are constantly striving to improve our products, we reserve the right to incorporate any changes related to design, materials and specifications at any time, without notice or obligation.

RH3-50A-08 c/w 1½" Shaft Ram Cylinder 5"x8" c/w Hydraulic Depth Control

Item No.	Part No.	Quantity	Description
1	R-1274A	1	Barrel SA
2	R-1730	1	Shaft
3	R-4100	1	Shaft Clevis
4	R-3590	1	Piston
5	R-2015	1	Gland
6	R-3009	1	Retaining Nut
7	R-5914	2	Pin 1" Rd.
8		1	Lock Nut 1 1/8" UNF
9		1	O Ring No. 425 4½" x 5" Duro 70
10		3	Back-up Washer No. 425
11		1	O Ring No. 425 4½" x 5" Duro 90
12		1	O Ring No. 022 1" x 1 1/8" Duro 70
14		1	Shaft Seal 1½" x 1 7/8" x 5/16"
15		1	Wiper 1½" x 1 7/8" x 3/16" Cased
16		1	Bolt 5/16" UNC x 2" c/w Nut
18		4	Hair Pin Clip
22	R3K-50-1.5		Repair Kit consists of 9, 10, 11, 12, 14, 15
30	R-6004	1	Shaft Clamp 1½" Rd.
31			Bolt 5/16" UNC x 2" c/w Nut
33	R-6008	1	Valve Stem & Poppet
35	R-6006	1	Valve Head
36	R-6007	1	Valve Sleeve
37		1	O Ring No. 009 7/32" x 11/32" Duro 70
38		1	Back-up Washer No. 009
39		1	O Ring No. 114 5/8" x 1 3/16" Duro 70
N/S	HDCSK	1	Repair Kit consists of 37, 38, 39
N/S	KB228	2	Hydraulic Hose - 19'