





FOR YOUR RECORDS

Date of Purchase \_\_\_\_\_

Dealer's Name \_\_\_\_\_

Dealer's Phone \_\_\_\_\_

Serial Number \_\_\_\_\_

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Following publication of this manual, certain changes in standard or optional equipment may have occurred which would not be included in these pages. Your DewEze dealer is the best source for up to date information.

DewEze Manufacturing reserves the right to change product specifications at any time without incurring obligation to provide such updates to previously manufactured units.

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151 E. Hwy. 160  
Harper, KS 67058

# DEWEZE MANUFACTURING

## WARRANTY POLICY

### Statement of Warranty

DewEze Manufacturing warrants to each purchaser of DewEze new equipment from an authorized dealer or representative that such equipment to be free from manufacturing defects in normal service for a period of one (1) year commencing with delivery to the original user.

The obligation of DewEze Manufacturing under this warranty is expressly limited, at our option, to replacement or repair at DewEze Manufacturing, 151 E. Hwy. 160, Harper, Kansas 67058, or at a service facility designated by DewEze Manufacturing of such parts or part as inspection shall disclose to have been defective. This warranty does not apply to defects caused by damage or unreasonable use (including failure to provide reasonable and necessary maintenance) while in the possession of the consumer.

DewEze Manufacturing **shall not be liable for consequential damages of any kind**, including but not limited to, consequential labor costs or transportation charges in connection with replacement or repair of defective parts.

DewEze Manufacturing makes no warranty with respect to trade accessories. They are subject to the warranties of their manufacturers.

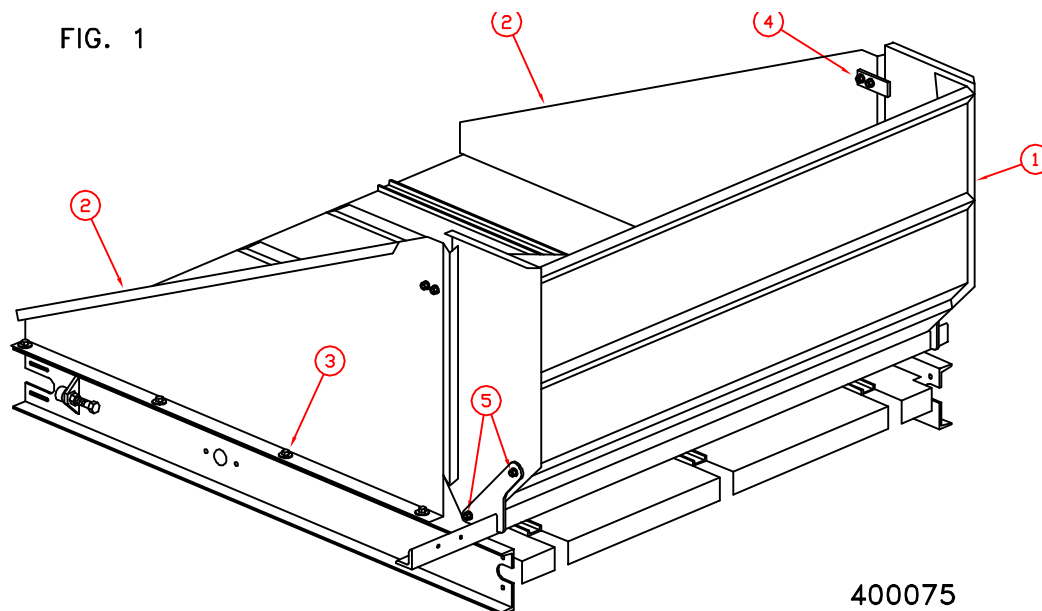
**Any implied or statutory warranties, including any warranty of merchantability or fitness for a particular purpose, are expressly limited to the duration of this written warranty.** DewEze Manufacturing makes no other express warranty, nor is anyone authorized to make in behalf of DewEze Manufacturing.

For information on warranty procedures please contact your nearest dealer.

## SET-UP INSTRUCTIONS

Your DEWEZE SUPER SLICER is shipped from the factory in a "knocked-down" position to make it easier to transport. If it is necessary for you to transport your Super Slicer you will again need to "knock it down" in order to get within the legal limits of most public roads. If transport is necessary or if you have received your machine in the "knocked-down" position follow the instructions below to set it up correctly.

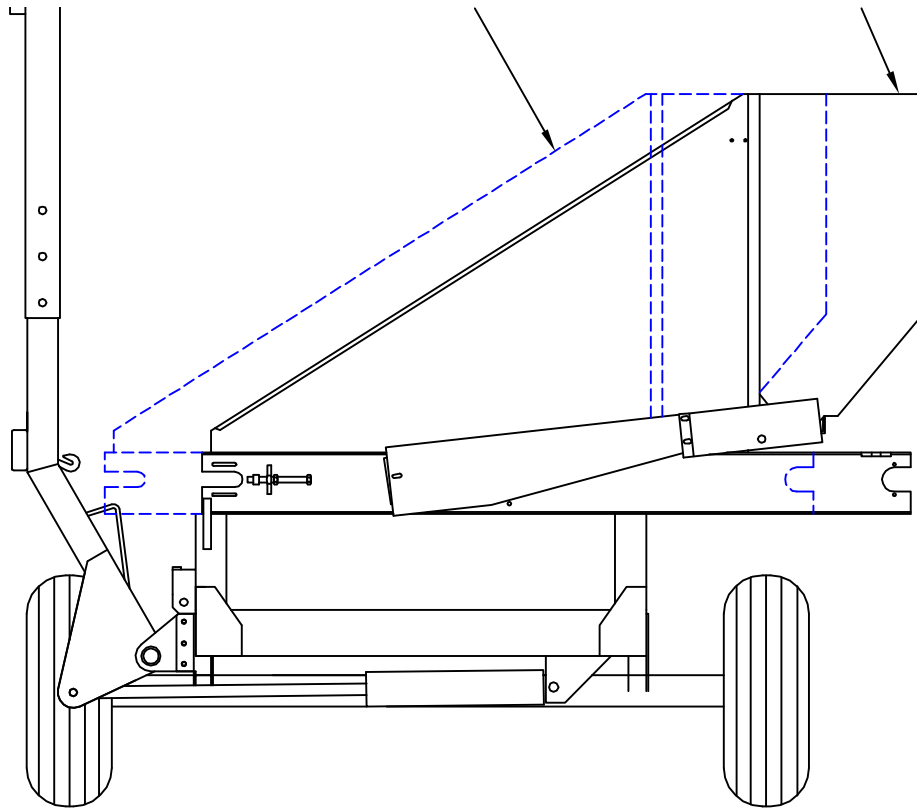
1. Raise the backboard (1) into an upright position and secure loosely with two 1/2" bolts (5) provided on each end. (See Fig. 1)



2. Set sides (2) in place and fasten down with five 5/16" bolts (3) located on the table sides.
3. Tighten top hold-down brackets (4). (See Fig. 1).
4. Tighten four 1/2" bolts described in instruction 1 above.

## SET-UP INSTRUCTIONS (continued)

5. Slide the table into the feeding position (away from the loading arm) and secure with bolts (1) provided, one at each end. (See Fig. 2)



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----- WARNING -----  
OPERATING THE SUPER SLICER LIFTING ARM WITH THE TABLE  
IN THE LOADING POSITION WILL DO DAMAGE TO THE LIFT  
ARM LINKAGE!

BEFORE OPERATING YOUR NEW SUPER SLICER MAKE A COMPLETE INSPECTION OF ALL COMPONENTS TO INSURE THAT ALL THE NUTS AND BOLTS ARE TIGHT AND THAT NO DAMAGE HAS OCCURRED DURING SHIPPING.

## **OPERATING INSTRUCTIONS**

### **HYDRAULIC REQUIREMENTS**

Your new DEWEZE SUPER SLICER is designed to be used as a mobile feeding unit mounted on a trailer or as a stationary unit in a permanent installation. Regardless of the type of use the SUPER SLICER WILL REQUIRE 15 GPM (gallons per minute) of hydraulic oil flow and a minimum of 1800 PSI (pounds per square inch) hydraulic pressure to operate properly. Be sure that the hydraulic system you intend to use is functioning properly and that the oil is clean and of good quality.

TWO HYDRAULIC REMOTES are required to operate the trailer mounted Super Slicer. One is to control the lift arm for loading the bales and the other is to operate the slicer table. Each remote must be capable of reversible flow. You may want to mark the remotes to make sure that you hook up the hydraulics the same way each time you use the machine.

## **OPERATING INSTRUCTIONS (continued)**

### **LOADING INSTRUCTIONS (Trailer Mounted Unit Only)**

Approach the bale on its right side with the lift arm lowered to the ground. If your tractor is equipped with dual rear wheels, you may have to reposition the tongue to allow the tractor to pass the bale. (See the instructions above). Cradle the bale in the lift fork by moving forward so that the bale is against the back of the fork. Lift the bale all the way up so that the bale rolls onto the table slats. Move the bale toward the sickle by activating the feeder and stop as the bale reaches the sickle. To load and carry a second bale, repeat the above process and raise the second bale until it rests snugly against the first.

**BE SURE TO RAISE THE LIFT ARM TO THE UPRIGHT POSITION AND LATCH THE SAFETY CHAIN WHENEVER YOU TRANSPORT YOUR SUPER SLICER ON THE ROAD!**

### **FEEDING INSTRUCTIONS**

To engage the feeding operation of the Super Slicer, idle the tractor engine, engage the slicer table hydraulics and increase the engine speed to 1200 RPM. This is the optimum speed for processing for most tractors and will process an average bale in approximately four minutes at the minimum feeder setting.

----- DANGER -----

**STAY CLEAR OF TABLE AND CUTTER BAR WHEN MACHINE IS  
IN OPERATION!**

If the system stalls, reverse the slats and try again. If stalling continues, increase the RPMs of the tractor about 10 percent.

**ALWAYS WAIT UNTIL THE FIRST BALE HAS BEEN PROCESSED COMPLETELY AND THE TABLE SLATS HAVE STOPPED BEFORE LOADING THE SECOND BALE ONTO THE TABLE.**

## ADJUSTMENTS

----- WARNING -----

EXCESSIVE SICKLE SPEED MAY CAUSE TABLE VIBRATION AND DAMAGE TO THE HYDRAULIC MOTOR AND/OR THE SICKLE!

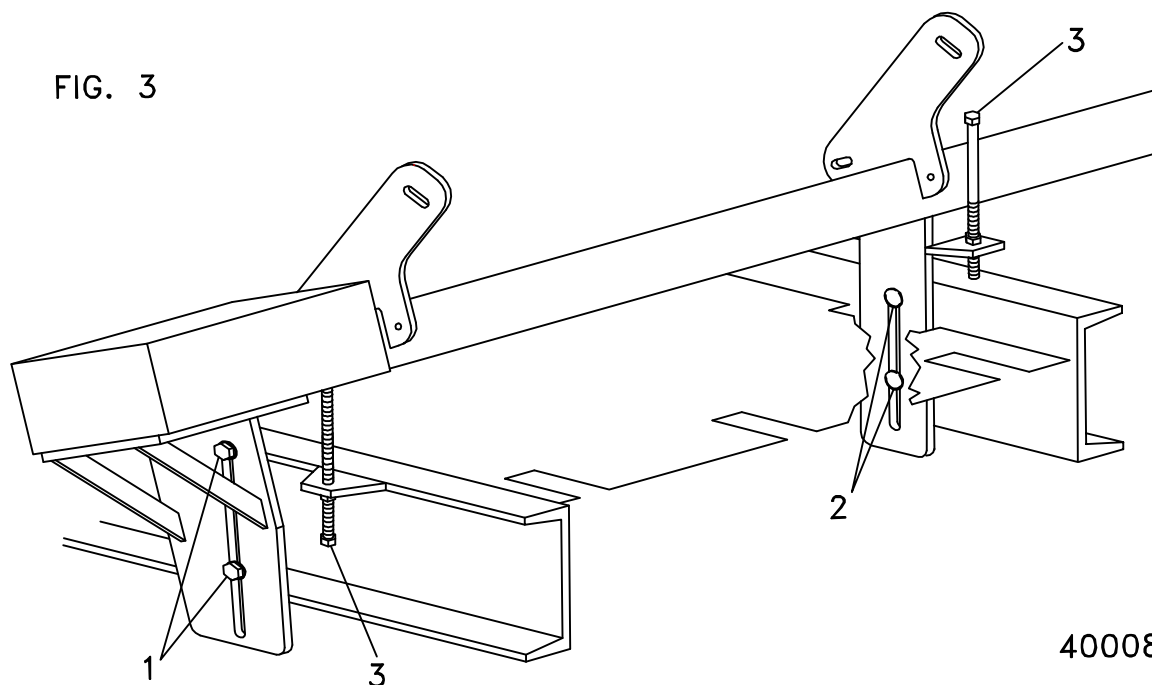
### FEEDING RATE

The feeding rate may be adjusted by changing the speed of the feeder chain, or by adjusting the distance between the sickle and the table slats. To change this distance, use the following procedure.

----- DANGER -----

TURN OFF TRACTOR AND DISCONNECT THE HYDRAULIC HOSES BEFORE MAKING ANY ADJUSTMENTS TO THE SICKLE! FAILURE TO DO SO COULD RESULT IN SERIOUS PERSONAL INJURY!

1. Loosen the two 5/8" hex head bolts (1) and two 5/8" carriage bolts (2) that hold the sickle bar in place. (See Fig. 3)



## **ADJUSTMENTS (continued)**

### **FEEDING RATE (continued)**

2. Screw the 3/4" all thread adjustment bolts (3) in or out at each end of the sickle. Make sure that each end is adjusted so that the sickle is parallel with the table slats. Use a tape measure to gauge each end.

**NOTE: THE BACKBOARD WILL SLIDE UP OR DOWN IN RELATION TO THE SIDEBOARDS WITHOUT LOOSENING ANY OTHER BOLTS.**

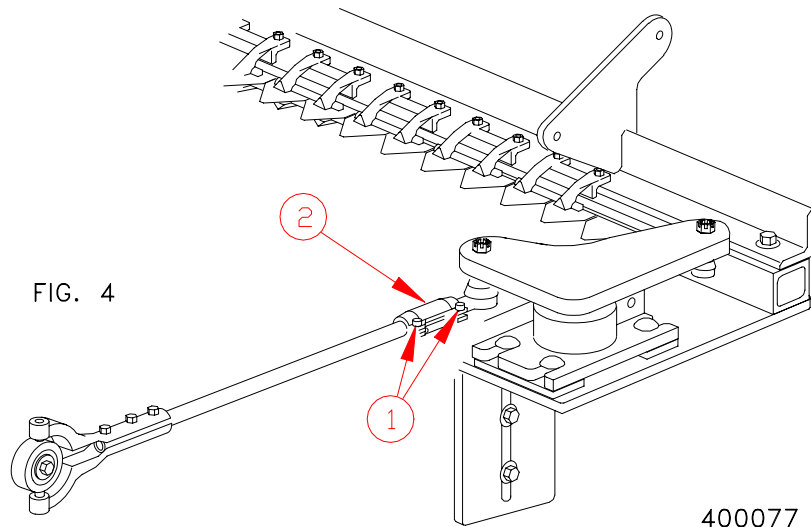
3. Retighten the four 5/8" bolts loosened in step one on previous page.
4. Adjust the Pitman rod assembly as follows to set the sickle register. (Fig. 4)
  - A. Loosen two 3/8" socket head screws (1) on turnbuckle.
  - B. Rotate Pitman arm turnbuckle (2) 1-1/2 times for every one inch that the thickness was changed (Step two above).

SHORTEN THE ARM when reducing the thickness of cut

LENGTHEN THE ARM when increasing the thickness of cut.

- C. Loosen two 3/8" socket head screws loosened in Step A.

**NOTE: IMPROPER SICKLE REGISTER CAUSES MACHINE VIBRATION.**



## ADJUSTMENTS (continued)

### FLOW CONTROL VALVE ADJUSTMENT

The flow control valve on the right controls the speed of the sickle; the valve on the left controls the speed of the slats. To adjust the valves, loosen the knob on the adjusting lever and move the lever to a higher number to increase speed, and to a lower number to decrease speed. After moving the lever, tighten the knob to hold the lever in place.

For initial setting of the valves, set each adjusting lever on "5". Fine tune the speed of the sickle and slats by adjusting the valves individually to get proper cutting for the type of hay you are processing.

### SICKLE DRIVE ADJUSTMENT

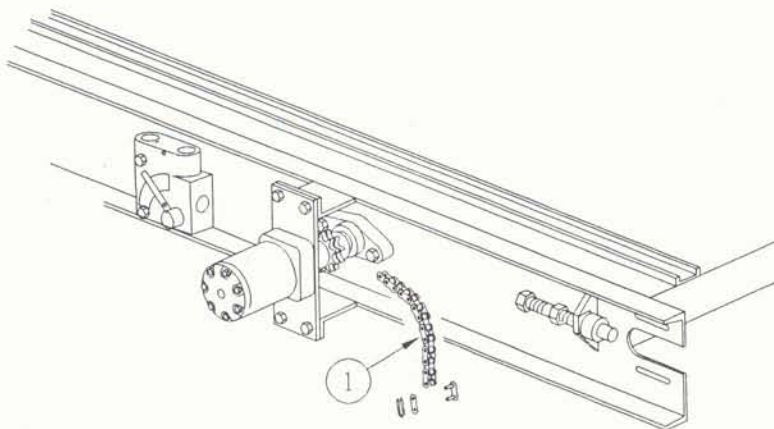
The sickle and drive are pre-set at the factory. If the drive needs to be set because of loose bolts, sickle change, etc., use the following procedure:

----- DANGER -----  
**TURN OFF AND DEPRESSURIZE\* THE HYDRAULIC POWER SOURCE  
BEFORE WORKING ON THE SICKLE IN ANYWAY!**

\*Depressurize the hydraulic system by activating the controls both ways with the system off.

1. Disconnect the chain coupler (1) of the drive motor. (Fig. 5)

FIG. 5

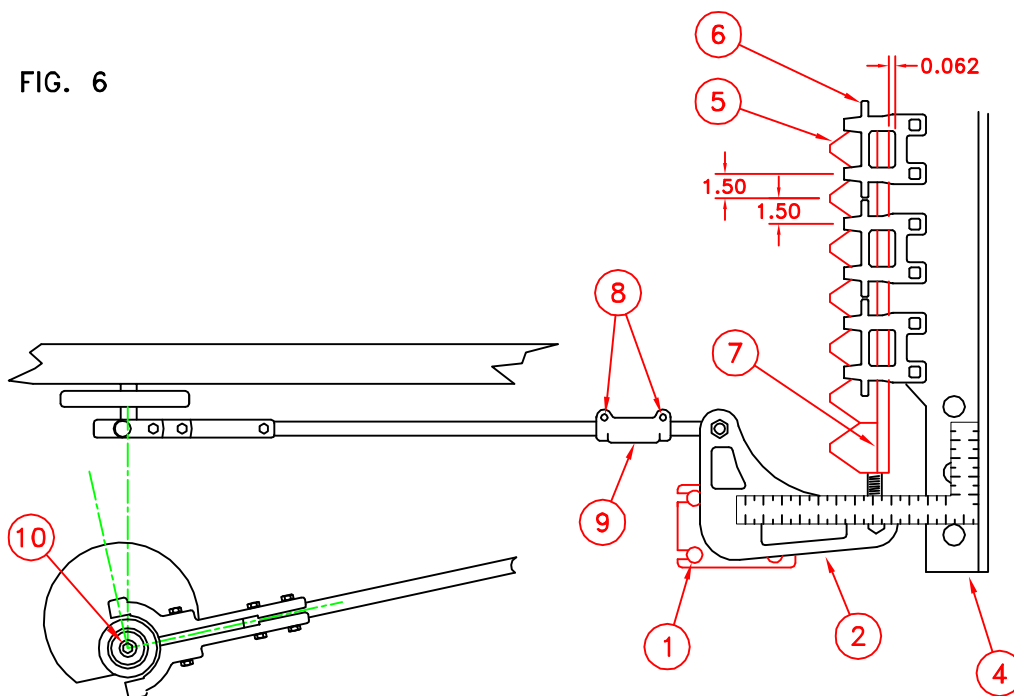


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## ADJUSTMENTS (continued)

### SICKLE DRIVE ADJUSTMENT (continued)

2. Loosen 4 bolts (1) on Bell Crank (2). (See Fig. 6). Position the Bell Crank so that the Bell Crank arm connected to the sickle head (3) is perpendicular to the pitman rod (4). Use a square as shown to set the center line of the arm perpendicular. The center of the sickle sections (5) should be midway between the points of the stub guards (6). If not, adjust the tie rod end on the sickle head to center the sickle sections.



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3. Adjust the Bell Crank so there is no more than 1/16" clearance between sickle bar (7) and back of stub guard. Tighten 4 mounting bolts.
4. Keeping Bell Crank in perpendicular position, loosen the 3/8" socket head screws (8), and adjust the Pitman Arm Turnbuckle (9) until the Pitman Arm mounting bolt (10) is either TOP DEAD CENTER or BOTTOM DEAD CENTER. Tighten socket head screws.
5. BE SURE THAT ALL GUARDS AND SHIELDS ARE BACK IN PLACE BEFORE OPERATING THE MACHINE.

## **MAINTENANCE INSTRUCTIONS**

### **TRAILER MAINTENANCE**

#### **MONTHLY** (Or every 100 bales)

- Grease the linkage of the lift arm to avoid binding and rust.

#### **ANNUALLY**

- Clean and repack the wheel bearings.

### **TABLE MAINTENANCE**

#### **MONTHLY** (Or every 100 bales)

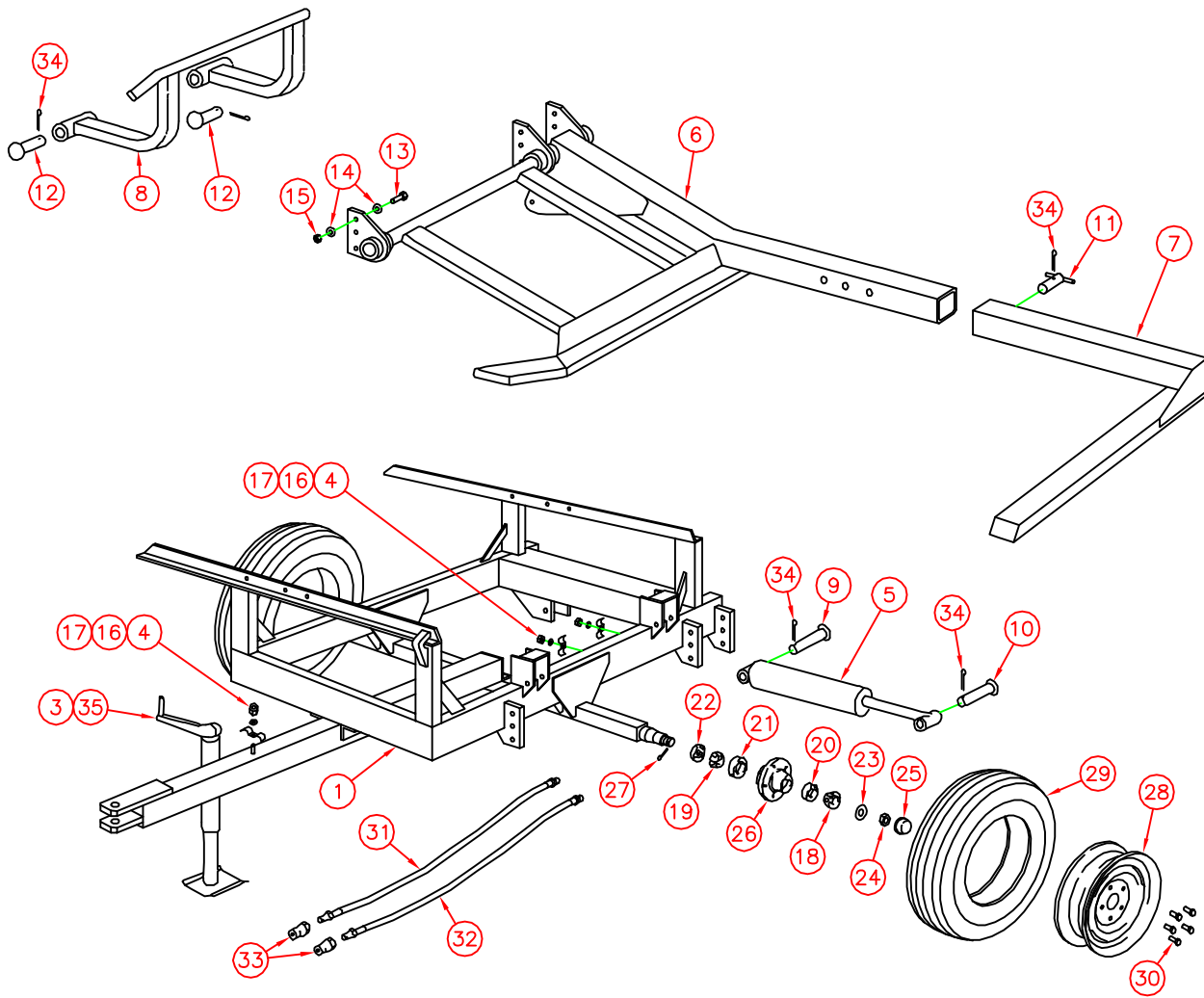
- Grease the Pitman drive bearings, one grease fitting per bearing.
- Grease knuckle joints on Pitman arm (two fittings)
- Check the conveyor chain for tightness. The chain should not swag more than 6" from the bottom of the table at the center. Adjust the take-up roller equally at each end for maximum chain life.
- Lubricate the system drive chains with chain oil.

### **DRIVE SHAFT MAINTENANCE**

#### **MONTHLY** (Or every 100 bales)

- Grease all grease zerks on the drive shaft. (Zerks located at each end and one in the middle of the shaft.)
- Inspect and replace any broken or missing safety shields.
- Check for loose bolts on drive shaft.

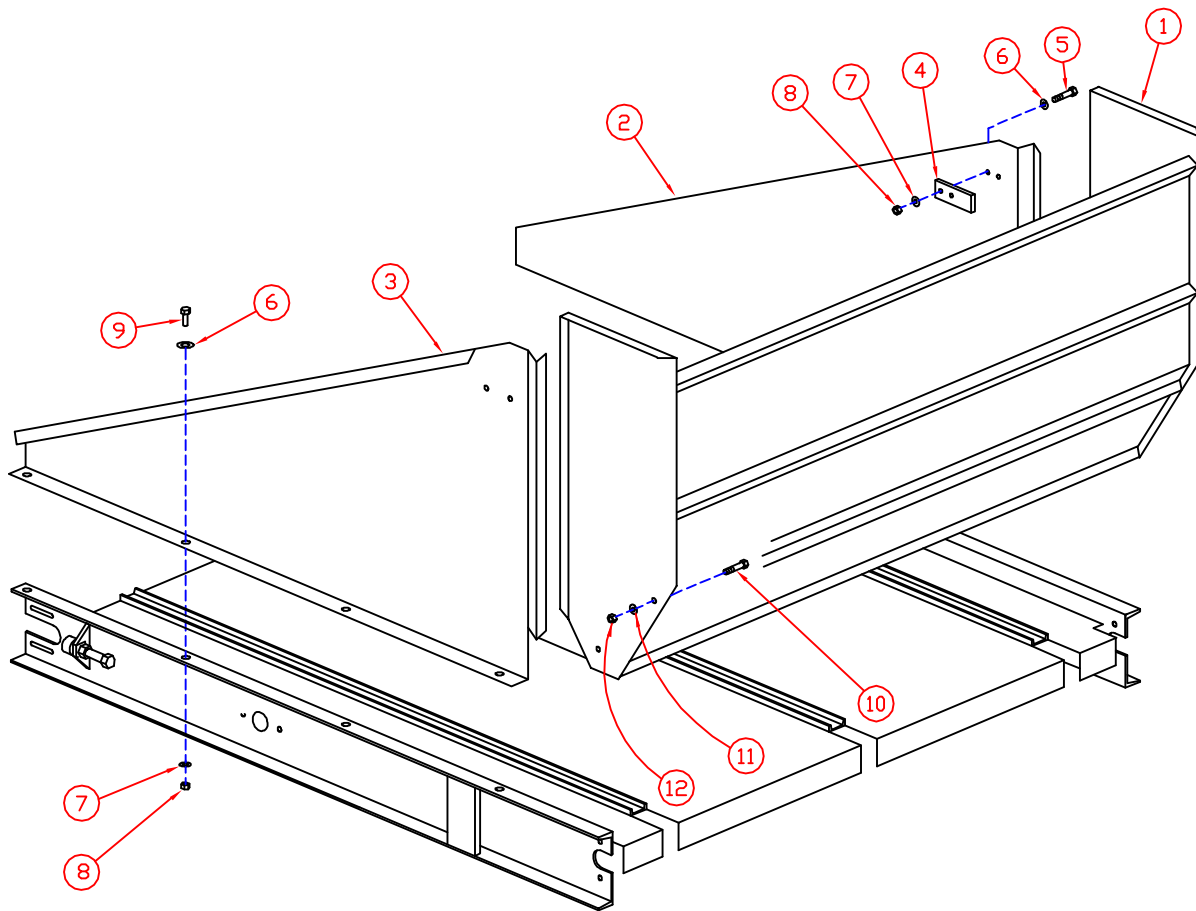
# TRAILER AND FORK ASSEMBLY



ITEM	PART #	DESCRIPTION
1.	411159	TRAILER FRAME
2.	-----	-----
3.	410048	SWIVEL JACK
4.	410101	HOSE CLIP (3)
5.	420014	CYLINDER
6.	410715	FORK
7.	410026	OUTER FORK ARM
8.	410399	BALE KICKER
9.	410176	PIN, CYLINDER BASE
10.	410022	PIN, CYLINDER SHAFT
11.	410069	PIN, OUTER ARM
12.	410037	PIN, BALE LIFT ARM (2)
13.	500238	1/2 x 1.75 NC BOLT (9)
14.	410265	1/2 FLAT WASHER (9)
15.	510225	1/2 NC NUT (9)
16.	510195	5/16 FLAT WASHER
17.	510208	5/16 NC NUT
18.	410103	OUTER BEARING
19.	410104	INNER BEARING
20.	410115	CUP, OUTER
21.	410114	CUP, INNER
22.	410105	SEAL, BEARING
23.	410109	WASHER
24.	410108	CASTLE NUT
25.	410112	DUST CAP
26.	410111	HUB
27.	410110	COTTER PIN
28.	410107	WHEEL
29.	410113	TIRE
30.	410106	LUG BOLT
31.	420011	HOSE ASSEMBLY
32.	420006	HOSE ASSEMBLY
33.	420005	PIONEER COUPLER, MALE
34.	510175	COTTER PIN
35.	410275	WELD-ON BRKT w/SNAP RING
	410276	SNAP RING ONLY

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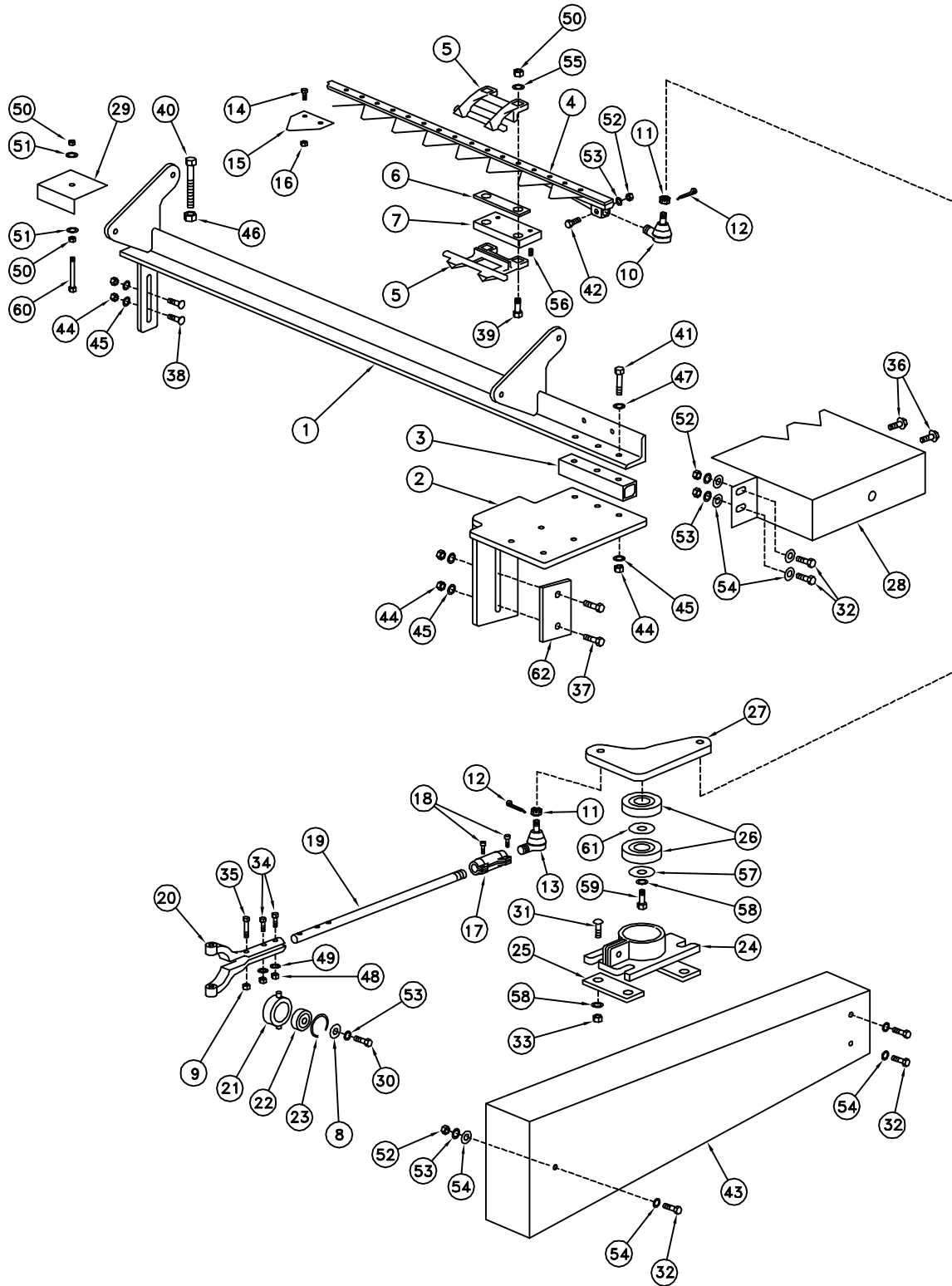
# BACKBOARD & SIDEBOARD ASSEMBLY



ITEM	PART #	DESCRIPTION
1.	410196	BACKBOARD ASSEMBLY
2.	410076	SIDE, RIGHT
3.	410075	SIDE, LEFT
4.	410135	RETAINER (2)
5.	510063	3/8 NC X 1.0 BOLT (4)
6.	510365	3/8 FLAT WASHER (12)
7.	510271	3/8 LOCK WASHER (12)
8.	510272	3/8 NC NUT (12)
9.	510113	3/8 NC X 1.25 BOLT (8)
10.	510218	1/2 NC X 1.50 BOLT (4)
11.	410283	1/2 FLAT WASHER (4)
12.	210350	1/2 WIZ NUT (4)

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# SICKLE DRIVE ASSEMBLY



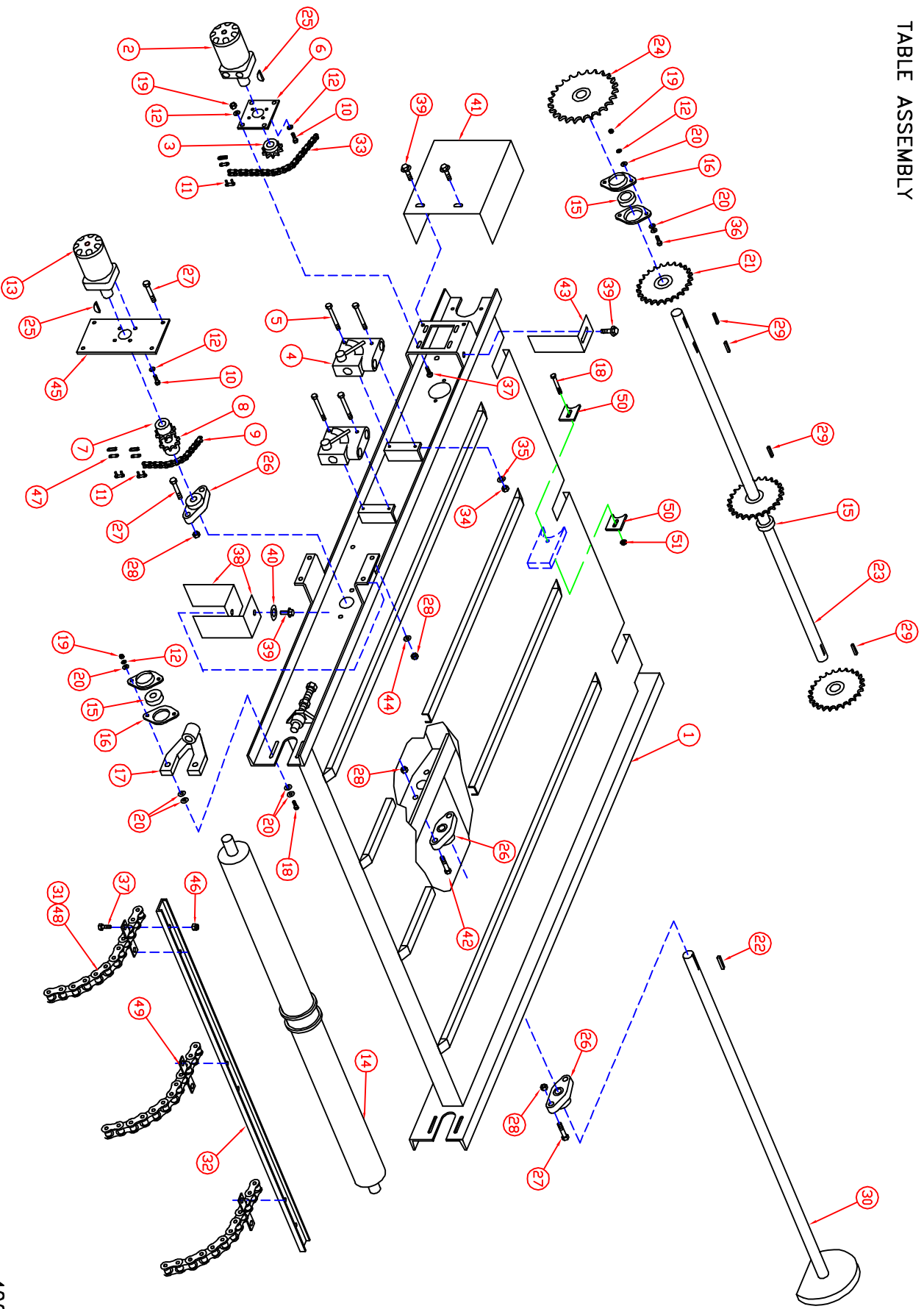
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SICKLE DRIVE ASSEMBLY

ITEM	PART #	DESCRIPTION
1	410384	ANGLE MOUNT / SICKLE
2	410145	PITTMAN ARM BRACKET
3	410394	SPACER
4	410191	SICKLE ASSY
5	400031	GUARD
6	410711	SHIM
7	410710	SPACER
8	500128	CUSTOM FLAT WASHER
9	510491	3/8 LOCK NUT
10	410186	TIE ROD END (RH)
11	410218	CASTLE NUT
12	410261	COTTER PIN
13	410189	TIE ROD END (LH)
14	400024	BOLT / SECTION
15	410193	SICKLE SECTION
16	400021	LOCK NUT / SECTION
17	410183	TURNBUCKLE
18	410215	SOCKET HEAD CAP SCREW
19	410197	PITTMAN ROD
20	410190	PITTMAN ARM
21	410187	BEARING HOUSING
22	410188	BEARING
23	410513	RETAINING RING
24	410184	BEARING HOUSING
25	410121	SHIM
26	410194	BEARING / BELL CRANK
27	410185	BELL CRANK
28	410148	SHIELD / BELL CRANK
29	410150	END SHIELD / SICKLE
30	510063	3/8 NC X 1.0 BOLT
31	410635	CARRIAGE BOLT
32	510113	3/8 NC X 1.25 BOLT
33	510225	1/2 NC NUT
34	410216	5/16 NC X 2.5 BOLT
35	410217	3/8 NC X 3.5 BOLT
36	510401	3/8 NC X .75 WIZ BOLT
37	710246	5/8 NC X 2.50 BOLT
38	410204	5/8 NC X 2.0 CARR. BOLT
39	110054	7/16 NC X 2.5 CARR. BOLT
40	410282	ADJUSTMENT SCREW
41	410395	5/8 NC X 5.0 BOLT
42	410267	3/8 NC X 2.0 BOLT
43	410393	SHIELD / PITTMAN ARM
44	410205	5/8 NUT
45	410206	5/8 LOCK WASHER
46	410201	3/4 NUT
47	510080	5/8 FLAT WASHER
48	510208	5/16 NUT
49	510335	5/16 LOCK WASHER
50	710512	7/16 NUT
51	510258	7/16 FLAT WASHER
52	510272	3/8 NUT
53	510271	3/8 LOCK WASHER
54	510365	3/8 FLAT WASHER
55	510260	7/16 LOCK WASHER
56	510161	3/8 SET SCREW
57	410271	CUSTOM WASHER
58	510219	1/2 LOCK WASHER
59	110086	1/2 NC X 1.0 BOLT
60	710524	7/16 NC X 2.5 BOLT
61	400080	WASHER/SPACER
62	411176	SPACER/PITTMAN BRKT

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TABLE ASSEMBLY

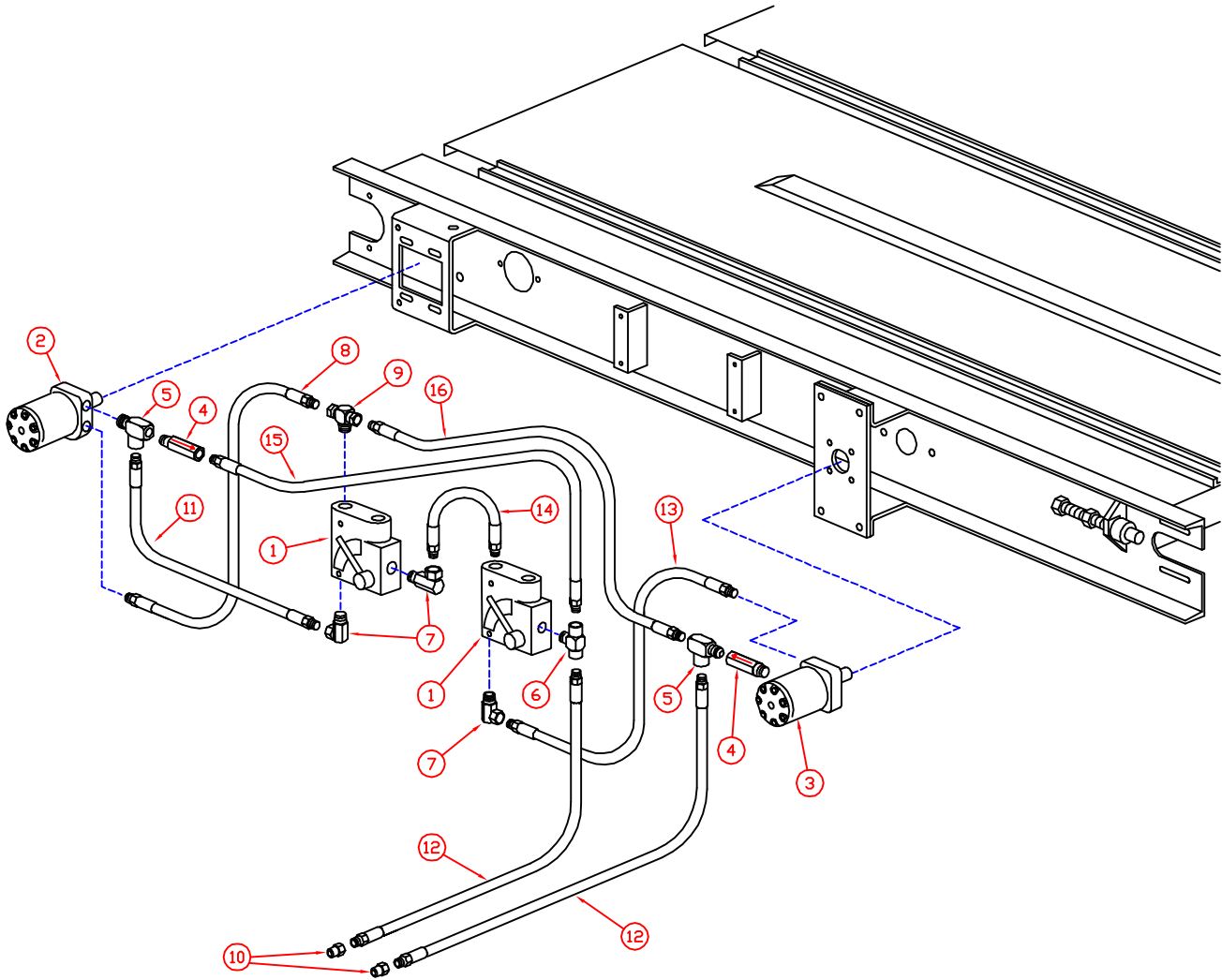


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TABLE ASSEMBLY

ITEM	PART #	DESCRIPTION
1	411168	TABLE WELD ASSEMBLY
2	420016	SLAT DRIVE MOTOR
3	410375	SPROCKET/SLAT DRIVE MOTOR
4	420048	FLOW CONTROL
5	410526	1/4 NC X 2.5 BOLT
6	410365	MOTOR MOUNT
7	410229	OUTSIDE COUPLER
8	410262	INSIDE COUPLER
9	410230	COUPLER CHAIN
10	510063	3/8 NC X 1.0 BOLT
11	410442	MASTER LINK
12	510271	3/8 LOCK WASHER
13	420033	SICKLE DRIVE MOTOR
14	411171	ROLLER
15	410232	BEARING
16	410233	FLANGE
17	410281	ROLLER MOUNT BRACKET
18	410267	3/8 NC X 2.0 BOLT
19	510272	3/8 NUT
20	510365	3/8 FLAT WASHER
21	410433	SPROCKET/SLAT CHAIN
22	410389	5/16 X 5/16 X 1.25 SQ KEY
23	411137	SHAFT/SLAT DRIVE
24	340007	SPROCKET/SLAT DRIVE
25	410321	1/4 X 1.0 WOODRUFF KEY
26	410243	BLOCK BEARING
27	510218	1/2 NC X 1.5 BOLT
28	510396	1/2 NC LOCK NUT
29	410238	1/4 X 1/4 X 2.25 SQ KEY
30	410244	SHAFT/SICKLE DRIVE
31	411117	SLAT CHAIN
32	411135	SLAT
33	410373	SLAT DRIVE CHAIN
34	510224	1/4 NC NUT
35	510221	1/4 LOCK WASHER
36	510113	3/8 NC X 1.25 BOLT
37	710611	1/4 NC X .75 BOLT
38	410371	SICKLE MOTOR SHIELD
39	510401	3/8 NC X 3/4 WIZ BOLT
40	410265	1/2 FLAT WASHER
41	411140	SLAT DRIVE SHIELD
42	500238	1/2 NC X 1.75 BOLT
43	410370	SPROCKET SHIELD
44	510219	1/2 LOCK WASHER
45	410746	ORBIT MOTOR PLATE
46	540076	1/4 NC LOCK NUT
47	440441	HALF LINK
48	140014	CONNECTING LINK, 2060H
49	411343	CHAIN LINK (WITH TABS), 2060H
50	411294	BEARING RETAINERS
51	710631	3/8 WIZ NUT

# HYDRAULICS ASSEMBLY



ITEM	PART #	DESCRIPTION
1.	420048	FLOW CONTROL
2.	420016	SLAT DRIVE MOTOR
3.	420033	SICKLE DRIVE MOTOR
4.	420035	CHECK VALVE
5.	420036	TEE ADAPTER
6.	420037	TEE ADAPTER
7.	420039	ADAPTER
8.	420027	HOSE ASSEMBLY
9.	420049	TEE ADAPTER
10.	420005	QUICK DISCONNECT
11.	420031	HOSE ASSEMBLY
12.	420001	HOSE ASSEMBLY
13.	420024	HOSE ASSEMBLY
14.	420026	HOSE ASSEMBLY
15.	420047	HOSE ASSEMBLY
16.	420109	HOSE ASSEMBLY

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# **PTO DRIVEN SUPER SLICER**

Your Deweze Super Slicer can be converted to or purchased as a power take-off driven unit. The following pages indicate the parts and hose routing required for a drive shaft option.

## **CAUTION**

**ALWAYS SHIFT THE PTO IN GEAR WITH THE TRACTOR ENGINE AT AN IDLE OR THE SHEAR BOLT WILL FAIL PREMATURELY.**

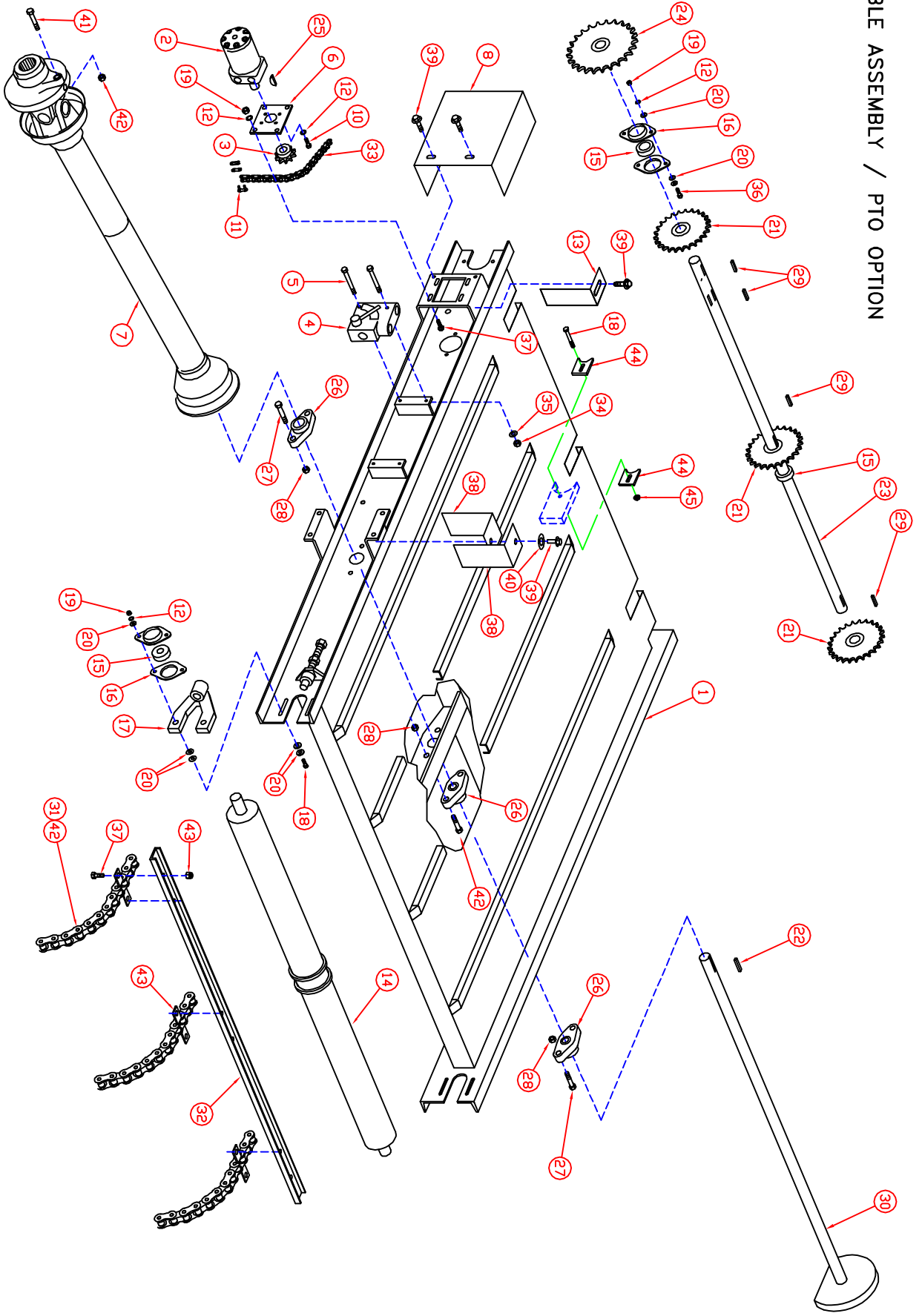
## **WARNING**

**NEVER OPERATE YOUR DEWEZE SUPER SLICER WITH WORN, STRESSED, OR MISSING DRIVE LINE PARTS.**

## **DANGER**

**ALWAYS KEEP ALL GUARDS AND SHIELDS IN PLACE AT ALL TIMES.**

TABLE ASSEMBLY / PTO OPTION

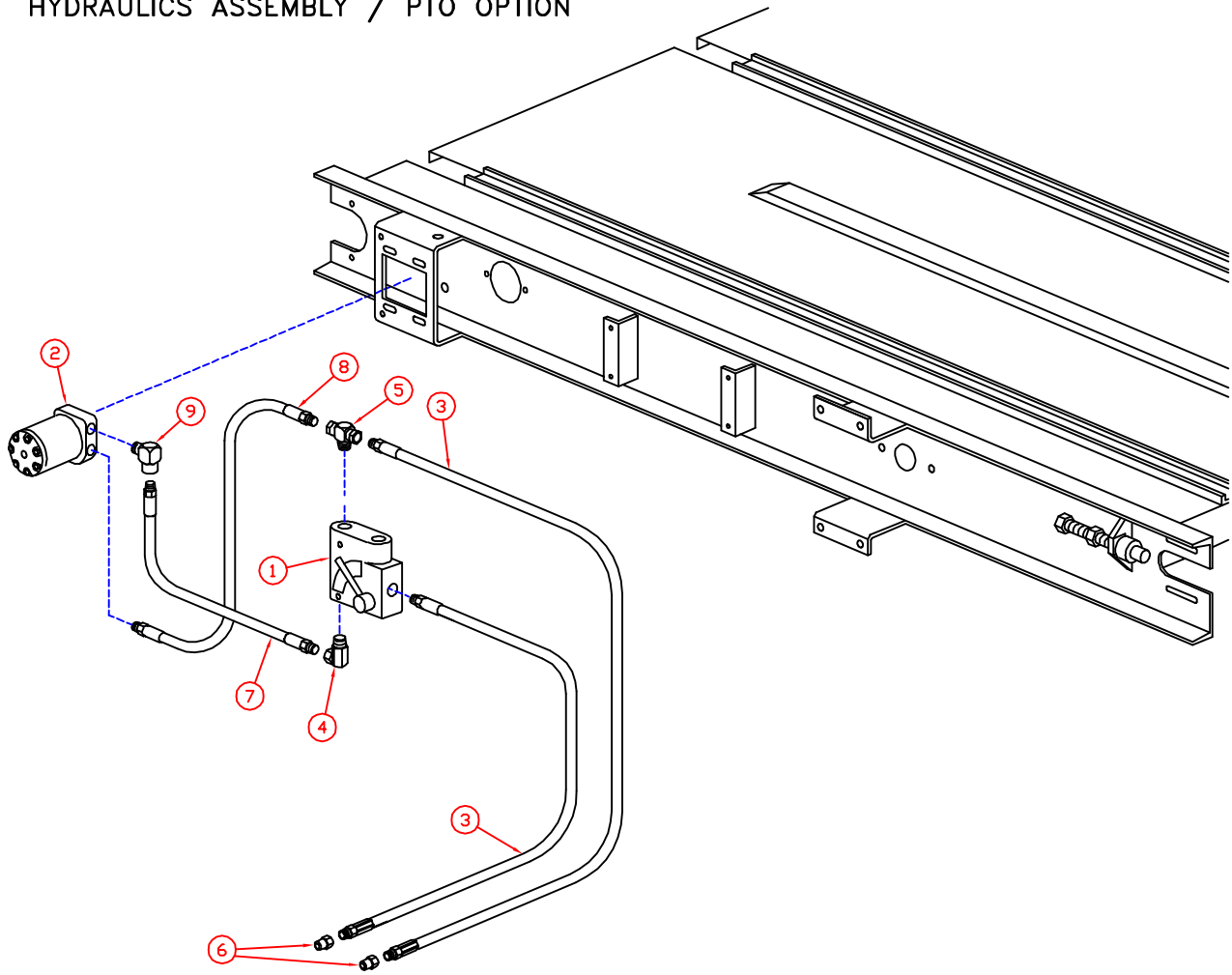


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TABLE ASSEMBLY / PTO OPTION

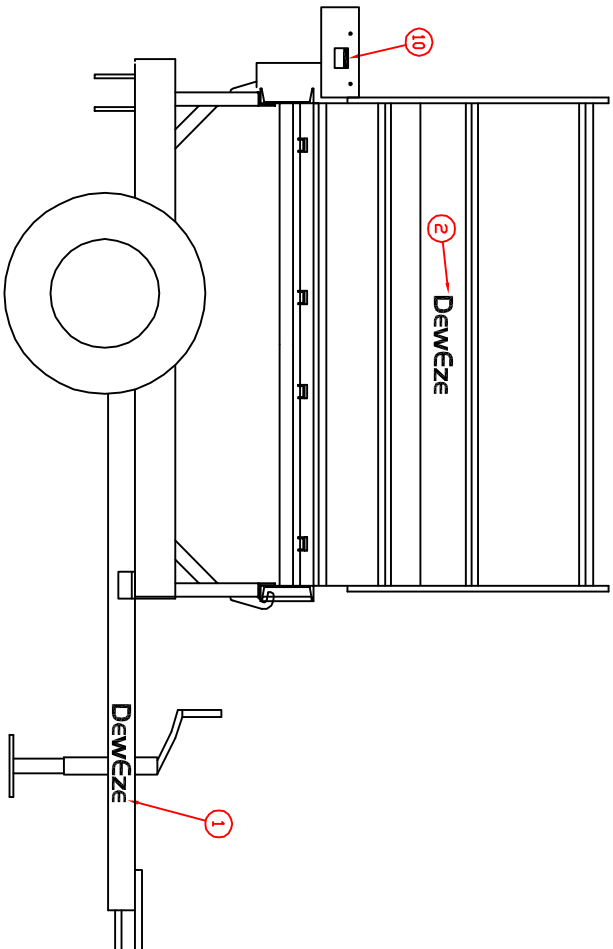
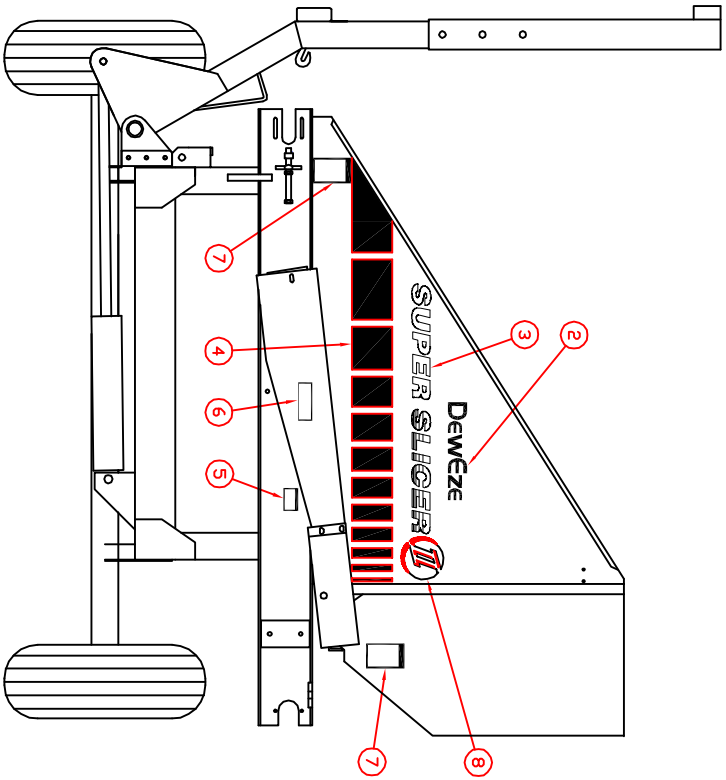
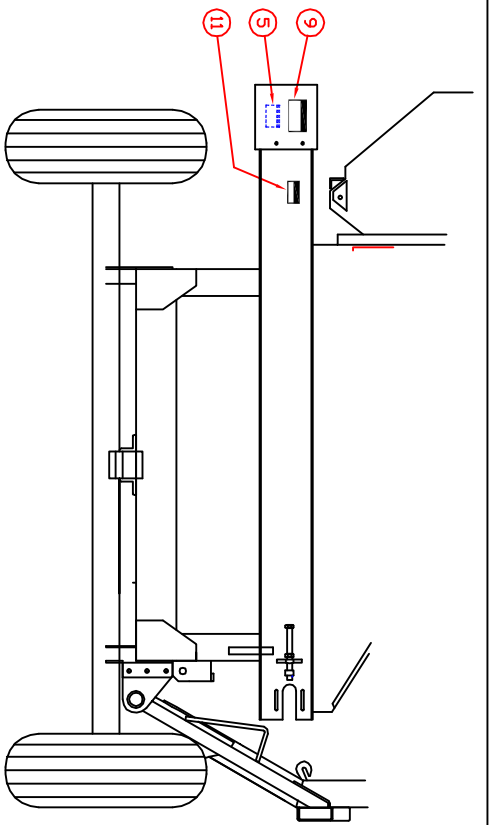
ITEM	PART #	DESCRIPTION			
1	411168	TABLE WELD ASSEMBLY			
2	420016	SLAT DRIVE MOTOR	25	410321	1/4 X 1.0 WOODRUFF KEY
3	410375	SPROCKET/SLAT DRIVE MOTOR	26	410243	BLOCK BEARING
4	420048	FLOW CONTROL	27	510218	1/2 NC X 1.5 BOLT
5	410526	1/4 NC X 2.5 BOLT	28	500203	1/2 NC LOCK NUT
6	410365	MOTOR MOUNT	29	410238	1/4 X 1/4 X 2.25 SQUARE KEY
7	410752	PTO SHAFT ASSEMBLY	30	410244	SHAFT/SICKLE DRIVE
8	411140	SLAT DRIVE SHIELD	31	411117	SLAT CHAIN
9	500238	1/2 NC X 1.75 BOLT	32	411135	SLAT
10	510063	3/8 NC X 1.0 BOLT	33	410373	SLAT DRIVE CHAIN
11	410442	MASTER LINK	34	510224	1/4 NC NUT
12	510271	3/8 LOCK WASHER	35	510221	1/4 LOCK WASHER
13	410370	SPROCKET SHIELD	36	510113	3/8 NC X 1.25 BOLT
14	410170	ROLLER	37	410272	3/8 NC X 1.25 CARRAIGE BOLT
15	410232	BEARING	38	410371	SICKLE MOTOR SHIELD
16	410233	FLANGE	39	510401	3/8 NC X 3/4 WIZ BOLT
17	410281	ROLLER MOUNT BRACKET	40	410265	1/2 FLAT WASHER
18	410267	3/8 NC X 2.0 BOLT	41	110091	5/16 NC X 1.0 SHEAR BOLT
19	510272	3/8 NUT	42	410222	5/16 NC LOCK NUT
20	510365	3/8 FLAT WASHER	43	540076	1/4 NC LOCK NUT
21	410433	SPROCKET/SLAT CHAIN	44	140014	CONNECTING LINK, 2060H
22	410389	5/16 X 5/16 X 1.25 SQUARE KEY	45	411343	CHAIN LINK (WITH TABS), 2060H
23	411137	SHAFT/SLAT DRIVE	46	411294	BEARING RETAINERS
24	340007	SPROCKET/SLAT DRIVE	47	710631	3/8 WIZ NUT

HYDRAULICS ASSEMBLY / PTO OPTION



ITEM	PART #	DESCRIPTION
1.	420048	FLOW CONTROL
2.	420016	SLAT DRIVE MOTOR
3.	420001	HOSE ASSEMBLY (2)
4.	420039	ADAPTER
5.	420049	TEE ADAPTER
6.	420005	QUICK DISCONNECT
7.	420031	HOSE ASSEMBLY
8.	420027	HOSE ASSEMBLY
9.	320038	ADAPTER

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**DECAL LOCATION**

ITEM	PART #	DESCRIPTION
1	200006	DEWEZE/RED-SILVER
2	400009	DEWEZE/WHITE-BLACK
3	400011	SUPER SLICER
4	400008	STROBE
5	400014	SHIELD REMOVED
6	500038	COVER PLATE
7	400012	DANGER SICKLE
8	400065	II
9	500036	OPER. WARNING
10	200010	KEEP AWAY
11	100205	SERIAL #

400007

## CONTINUOUS OPERATION OF A HYDRAULIC SUPER SLICER II

Problem: When using a hydraulically driven Super Slicer II continuously (for more than 3 bales in 10 minutes) the following adjustments must be made to tractors equipped with a high flow, pressure compensated load sense hydraulic system.

1. **Flow (speed) must be controlled on the tractor remote outlet.** To set this speed first set the Slicer flow as outlined in the manual. Secondly, turn the flow control toward the "turtle" on the tractor selective control outlet until the speed begins to decrease. Stop turning as soon as you can notice a decrease in speed.

Failure to follow these procedures may result in the overheating of the tractor hydraulic system, as the system will be at maximum flow and pressure. (Load is sensed at the tractor selective control valve and if this valve is wide open the system is at constant maximum pressure / flow.

2. The alternative to the above is to buy a "flow limiter valve" and attach it between the quick disconnect and the hose on the pressure side.

3. On PTO model Super Slicer II, flow must also be regulated at the selective control outlet for the slat motor.

Symptoms of the above is not being followed:

Rapid heating of the tractor hydraulic oil, this will show up as a loss of speed on the hydraulic motor speed. These motors lose efficiency rapidly when oil gets hot.