

2984-150

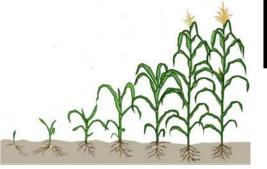
STRIP FRESHENER™

OPERATOR MANUAL PARTS IDENTIFICATION 2565-963_REV_A 12/2019



YETTER MANUFACTURING CO. FOUNDED 1930

Colchester, IL 62326-0358 Toll free: 800/447-5777 309/776-3222 (Fax) Website: www.yetterco.com E-mail: info@yetterco.com



GERMINATE UNIFORMITY™

You've just joined an exclusive but rapidly growing club.

For our part, we want to welcome you to the group and thank you for buying a Yetter product.

We hope your new Yetter products will help you achieve both goals-increase your productivity and increase your efficiency so that you may generate more profit.

This operator's manual has been designed into four major sections: Foreword, Safety Precautions, Installation Instructions and Parts Breakdown.

This **SAFETY ALERT SYMBOL** indicates important safety messages in the manual. When you see this symbol, be alert to the possibility of **PERSONAL INJURY** and carefully read the message that follows.

The word **NOTE** is used to convey information that is out of context with the manual text. It contains special information such as specifications, techniques and reference information of a supplementary nature.

The word **IMPORTANT** is used in the text when immediate damage will occur to the machine due to improper technique or operation. Important will apply to the same information as specified by note only of an immediate and urgent nature.

It is the responsibility of the user to read the operator's manual and comply with the safe and correct operating procedure and to lubricate and maintain the product according to the maintenance schedule in the operator's manual.

The user is responsible for inspecting his machine and for having parts repaired or replaced when continued use of the product would cause damage or excessive wear to the other parts.

It is the user's responsibility to deliver his machine to the Yetter dealer who sold him the product for service or replacement of defective parts, which are covered by the warranty policy.

If you are unable to understand or follow the instructions provided in this publication, consult your local Yetter dealer or contact:

YETTER MANUFACTURING CO. 309/776-4111 800/447-5777 309/776-3222 (FAX) Website: www.yetterco.com E-mail: info@yetterco.com

WARRANTY

Yetter Manufacturing warrants all products manufactured and sold by it against defects in material. This warranty being expressly limited to replacement at the factory of such parts or products as shall appear to be defective after inspection. This warranty does not obligate the Company to bear cost of labor in replacement of parts. It is the policy of the Company to make improvements without incurring obligations to add them to any unit already sold. No warranty is made or authorized to be made, other than herein set forth. This warranty is in effect for one year after purchase.

DEALER_

Yetter Manufacturing warrants its own products only and cannot be responsible for damages to equipment on which mounted.

SAFETY PRECAUTIONS

A brief description of signal words that may be used in this manual:

- CAUTION: Used as a general reminder of good safety practices or to direct attention to unsafe practices.
- WARNING: Denotes a specific potential hazard.
- DANGER: Denotes the most serious specific potential hazard.



Consult your implement and tractor operator's manual for correct and safe operating practices. Be aware of towed implement width and allow safe clearance.



Safety decals are placed on the implement to alert the operator and others to the risk of personal injury or unsafe operation during normal operations and servicing.

- 1. The safety decals must be kept clean and in good condition to ensure that they are legible.
- 2. Safety decals must be replaced if they are missing or illegible.
- 3. When components are replaced during repair or servicing, check that the new components include the necessary safety signs.
- 4. Replacement safety decals may be obtained from your local dealer.



Read these instructions carefully to acquaint yourself with the Equipment. Working with unfamiliar equipment can lead to accidents.

Never park the equipment on a steep incline or leave the equipment running unattended.

Never clean, lubricate or adjust a machine that is in motion.

Always check that straps are secure.

Make sure latches are in pinned position when moving equipment.

Do not allow children to operate this equipment.

Do not allow riders on the equipment, trailer and/or pick-up.

Use speed and caution dictated by the terrain being traversed. Do not operate on any slope steep enough to cause tipping or loss of control.

Read and understand the operator's manual and require all other persons who will operate the equipment to do the same.

If operating on public roadways, where legal, be certain all lighting is operating properly and observe all traffic laws.

Beware of increased stopping distances and control effort when operating with implements attached.

Be familiar with all controls and be prepared to stop equipment quickly in an emergency.

FAILURE TO HEED MAY RESULT IN PERSONAL INJURY OR DEATH.

TABLE OF CONTENTS

FOREWORD	2
SAFETY PRECAUTIONS	
2984 STRIP FRESHENER	
BOLT TORQUE	8
OPERATION PRECAUTIONS	9
MAINTENANCE	10
PARTS IDENTIFICATION	
2984-150-R	11
2984-150-ST	
2984-150-SW	13
2984-152	14
2966-140-ST	15
2966-141-ST	16
3000-149	
2984-080	18
2984-086-L	
2984-086-R	
ASSEMBLY 2984-086 LIQUID FERTILIZER KIT	

2984 Series Strip FreshenerTM

STANDARD FEATURES FOR ALL MODELS



- Operating speeds at 6-10 mph and 2"-4" deep
- Blade arrangement and rolling basket conditions existing strips to warm and condition planting zone
- Features parallel linkage to follow field contour and easy adjustments Has universal mounting bracket to fit 4" x 4", 4"x 6", 6"x 6", 5"x 7" and 7"x 7" toolbars
- Front bracket enables mounting existing planter attachments for more options Photo shown with Optional 2967-029A-ST-FW, <u>See page 14</u> Optional fertilizer attachments available
- .

• Order manual: 2565-963

ORDER from A and B

Section A:

Model No.	Description	Est. Wt.	
2984-150-ST	Strip Freshener, SharkTooth® center blade w/ -ST® closer wheels	360 lbs.	
2984-150-SW	Strip Freshener, 16" 13 SW center blade w/ -ST® closer wheels	360 lbs.	
2984-150-R	Strip Freshener, 16" center Ripple blade w/ -ST® closer wheels	360 lbs.	

-ST denotes SharkTooth® wheel

Section B:

U-bolt Option	8:	
2984-044	4" x 4" U-bolt assembly	2 lbs.
2984-046	4" x 6" Adapter kit	21 lbs.
2984-066	6" X 6" Adapter kit	21 lbs.
2984-057	5" x 7" U-bolt assembly	2 lbs.
2984-077	7" x 7" U-bolt assembly	8 lbs.

Optional Equipment:

2984-080	Liquid Fertilizer Kit Center	1 lb.
2984-081	Dry Fertilizer Kit Center	3 lbs.
2984-086-L	LH Fertilizer Tube Bracket	5 lbs.
2984-086-R	RH Fertilizer Tube Bracket	5 lbs.



2984-150

Yetter Strip Freshener

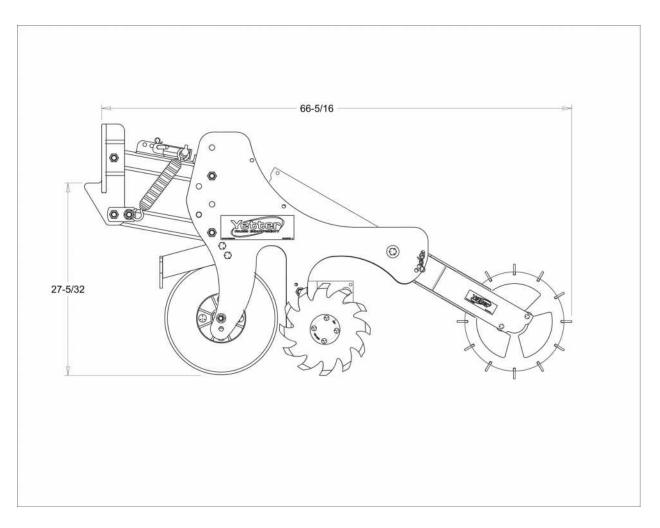
Features:

- Adjustable arm linkage for toolbar frame heights between 22-26"
- Can run any style row cleaner in front of the row unit
- Single tillage coulter cleanly cut residue without hair pinning, Optional fluted coulter, smooth coulter, or Shark Tooth Wheel
- Two Shark Tooth wheels run at an angle to churn dirt for optimal seed bed
- Optional fertilizer injector
- Heavy Duty Rolling basket gauges the depth of the row unit.

Model Options:

- Able to utilize Cutting Ripple Coulter, Shallow Wave Coulter, or Shark Tooth Wheel
- 3 models: 2984-150-ST, 2984-150-SW (2571-162), & 2984-150-R (2571-161)
- 9 degree angle on Shark Tooth Wheels
- Has universal mounting bracket to fit 4" X 4", 4" X 6", 6" X 6", 5" X 7", and 7" X 7" toolbars
 - Operating Speeds at 6-10 mph and 2" 4" deep





INSTALLATION

BOLT TORQUE

Mounting bolts and hardware

All hardware is Grade 5 unless otherwise noted. Grade 5 cap screws are marked with three radial lines on the head. If hardware must be replaced, be sure to replace it with hardware of equal size, strength and thread type. Refer to the torque values chart when tightening hardware.

Important: Over-tightening hardware can cause just as much damage as under-tightening. Tightening hardware beyond the recommended range

can reduce its shock load capacity.

The chart below is a guide for proper torgue. Use it unless a specified torque is called out elsewhere in the manual. Torgue is the force applied to the end of the handle or cheater bar, times the length of the handle or bar.

Use a torque wrench wherever possible.

Bolt Diameter and Threads per Inch	Grade 2	Grade 5 A-325	Grade 8
1/4	6	10	14
5/16	12	20	30
3/8 –16	25	35	50
7/16 – 14	35	55	80
1/2 – 13	55	85	125
9/16 – 12	75	125	175
5/8 – 11	105	170	235
3/4-10	185	305	425
7/8 – 9	170	445	690
1-8	260	670	1030
1 1/8 – 7	365	900	1460
1 1/4 - 7	515	1275	2060
1 3/8 –6	675	1675	2700
1 1/2 - 6	900	2150	3500
1 3/4 – 5	1410	3500	5600

The following table shows torgue in ft.-lbs. for coarse thread hardware.

Lubricate all bearings and moving parts as assembled and make certain that they work freely.

WARNING: Never work around the toolbar/implement while in a raised position without using safety lockups.

OPERATION PRECAUTIONS

STOP

Read this before using the Yetter product.

- MACHINE OPERATION

IMPORTANT: failure to properly set the planter frame height and levelness can result in less than successful operation of the Yetter product and may result in <u>damaged equipment</u>. All operators should read and thoroughly understand the instructions given prior to using the Yetter product.

NOTE: DO NOT use this product if the planter is not adjusted properly!

Leveling the planter:

With the frame lowered to proper operating height (Usually 22"-26") Check to be sure the toolbar is level side to side. <u>Check</u> when the toolbar is in the <u>field</u> and has been <u>fully loaded</u> with fertilizer, etc. Also, a field check with a bubble level on the frame should be made of the hitch height to ensure level operation front to back.

It is important for the toolbar to operate level laterally. Tire pressure must be maintained at pressures specified by the manufacturer.

Field conditions change and will dictate frame heights.

MAINTENANCE

CAUTION: To help prevent serious injury or death to you or other caused by unexpected movement, service machine on a level surface. Lower machine to ground or sufficiently lock or block raised machine before servicing. If machine is connected to a tractor, engage parking brake, place transmission in PARK, shut off engine, and remove the key. If machine is detached from a tractor, block wheel and use shop stands to prevent movement.

CAUTION: Do not clean, lubricate, or adjust a machine while in motion. Use grease based on NLGI consistency number and the expected air temperature range during the service interval.

Use a multi-purpose poly urea, water resistant, moderate speed, and NLGI grade #2 grease.

Other greases may be used if they meet the NLGI Performance Classification: GC-LB

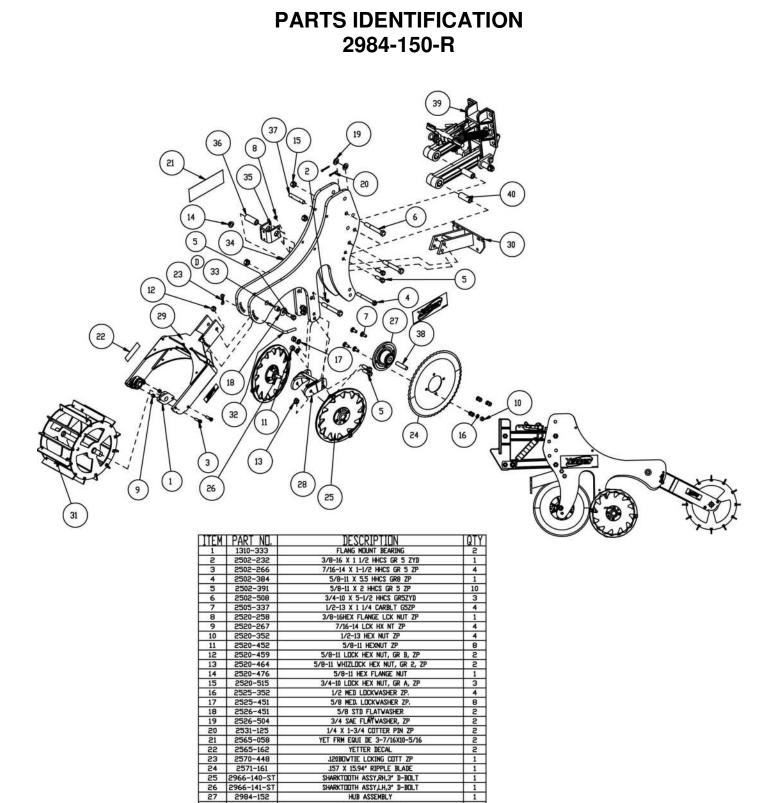
Important: Some types of grease thickener are not compatible with others. Consult your grease supplier before mixing different types of grease. Alternative Lubricants

Conditions in certain geographical areas may require special lubricants and lubrication practices which do not appear in the operator's manual. If there are any questions, consult Yetter Manufacturing Co. to obtain the latest information and recommendation.

Part #	Description	Ounces of Grease
2967-404	13" Taper Tooth RM Wheel	1.12 Oz
2967-602	13" Shark Tooth RM Wheel	1.12 Oz
2967-186	Floater Wheel Kit w/ RM Wheel	2.08 Oz
2967-596	Heavy Duty or Bevel R.M. Wheel W/Floater Wheel Kit	2.40 Oz

Storing Lubricants

Your machine can operate at peak efficiency only if clean lubricants are used. Use clean containers to handle all lubricants. Store them in an area protected from dust, moisture, and other contaminants.



WHEEL MOUNT W.A.

BASKET MOUNT V.A.

FACEPLATE V.A.

ROLLING BASKET V.A

PIN, SKID ADJUSTMENT ZYD

REAR PIVOT BUSHING, FLT LNK, ZYD

BODY PLATE FERTILIZER MOUNT BRACKET

INJ. MOUNT SPACER

DOWNSTOP PIN, ZP BEARING BORE ADAPTER, ZP PARALLEL ARM ASSEMBLY '09

INNER BUSHING, MAV LINKAGE ZYD.

1

1

1

1

5

5

1

1

1

1 2

28 2984-234

29 2984-235

35 2984-442 36 2984-443

37 2984-454

38 2984-455 39 3000-149

40 3000-408

2984-236

2984-237

2984-320

2984-401

2984-432

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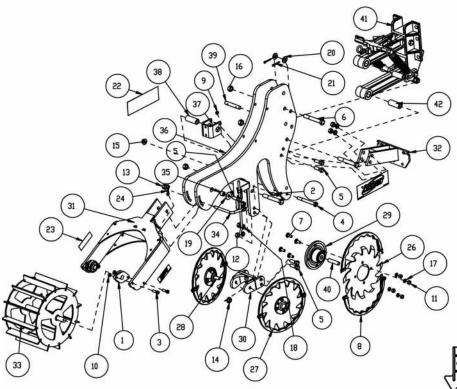
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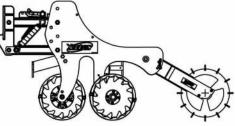
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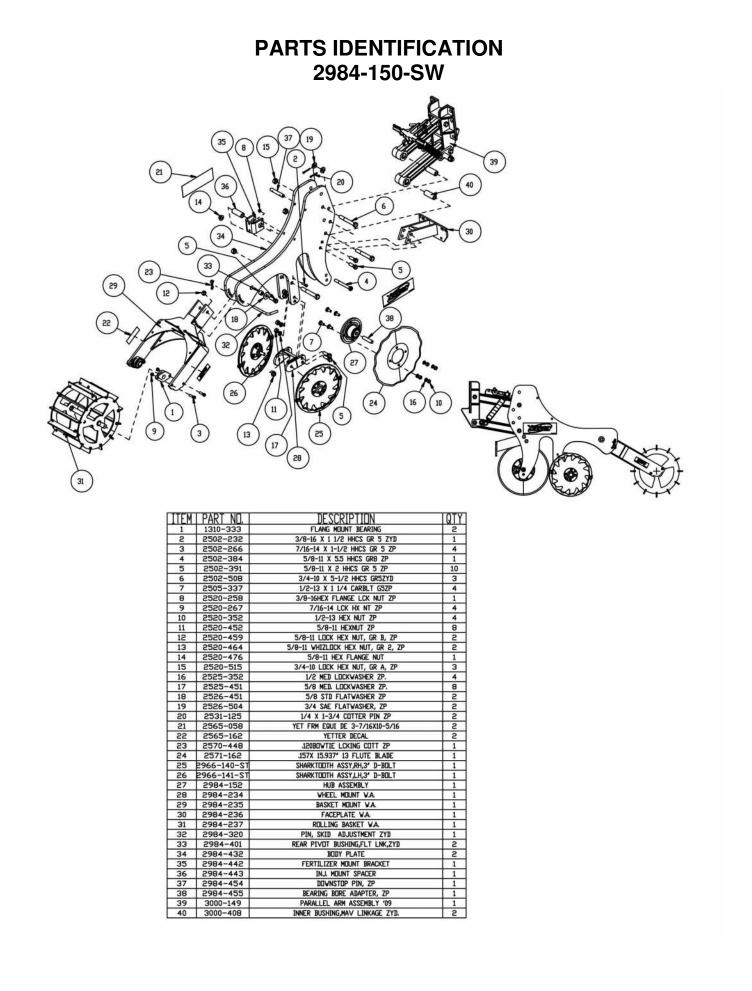
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PARTS IDENTIFICATION 2984-150-ST

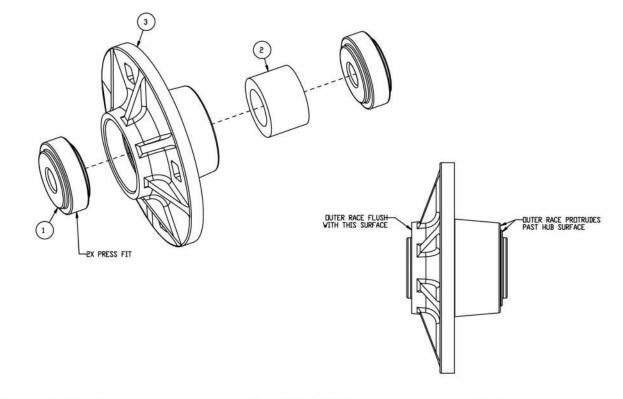


ITEM	PART ND. I	DESCRIPTION	IQTY
1	1310-333	FLANG MOUNT BEARING	2
5	2502-232	3/8-16 X 1 1/2 HHCS GR 5 ZYD	1
3	2502-266	7/16-14 X 1-1/2 HHCS GR 5 ZP	4
4	2502-384	5/8-11 X 5.5 HHCS GR8 ZP	1
5	2502-391	5/8-11 X 2 HHCS GR 5 ZP	10
6	2502-508	3/4-10 X 5-1/2 HHCS GR5ZYD	3
7	2505-337	1/2-13 X 1 1/4 CARBLT G5ZP	4
8	2515-562	13" VHEEL COVER, BLACK	2
9	2520-258	3/8-16HEX FLANGE LCK NUT ZP	1
10	2520-267	7/16-14 LCK HX NT ZP	4
11	2520-352	1/2-13 HEX NUT ZP	4
12	2520-452	5/8-11 HEXNUT ZP	8
13	2520-459	5/8-11 LOCK HEX NUT, GR B, ZP	2
14	2520-464	5/8-11 VHIZLOCK HEX NUT, GR 2, ZP	2
15	2520-476	5/8-11 HEX FLANGE NUT	1
16	2520-515	3/4-10 LOCK HEX NUT, GR A, ZP	3
17	2525-352	1/2 MED LOCKWASHER ZP.	4
18	2525-451	5/8 MED. LOCKWASHER ZP.	8
19	2526-451	5/8 STD FLATWASHER	2
20	2526-504	3/4 SAE FLATWASHER, ZP	5
21	2531-125	1/4 X 1-3/4 COTTER PIN ZP	2
22	2565-058	YET FRM EQUI DE 3-7/16X10-5/16	2
23	2565-162	YETTER DECAL	2
24	2570-448	120BOWTIE LCKING COTT ZP	1
25	2570-724	3/8 HOSE P-CLIP W/ VINYL CUSHION	1
26	2920-352	13' Shark Tooth Vheel	1
27	2966-140-ST	SHARKTOOTH ASSY,RH,3" D-BOLT	1
28	2966-141-ST	SHARKTOOTH ASSY,LH,3' D-BOLT	1
29	2984-152	HUB ASSEMBLY	1
30	2984-234	WHEEL MOUNT V.A.	1
31	2984-235	BASKET MOUNT V.A.	1
32	2984-236	FACEPLATE V.A.	1
33	2984-237	ROLLING BASKET V.A.	1
34	2984-320	PIN, SKID ADJUSTMENT ZYD	1
35	2984-401	REAR PIVOT BUSHING, FLT LNK, ZYD	5
36	2984-432	BODY PLATE	2
37	2984-442	FERTILIZER MOUNT BRACKET	1
38	2984-443	INJ. MOUNT SPACER	1
39	2984-454	DOWNSTOP PIN, ZP	1
40	2984-455	BEARING BORE ADAPTER, ZP	1
41	3000-149	PARALLEL ARM ASSEMBLY '09	1
42	3000-408	INNER BUSHING, MAV LINKAGE ZYD.	2



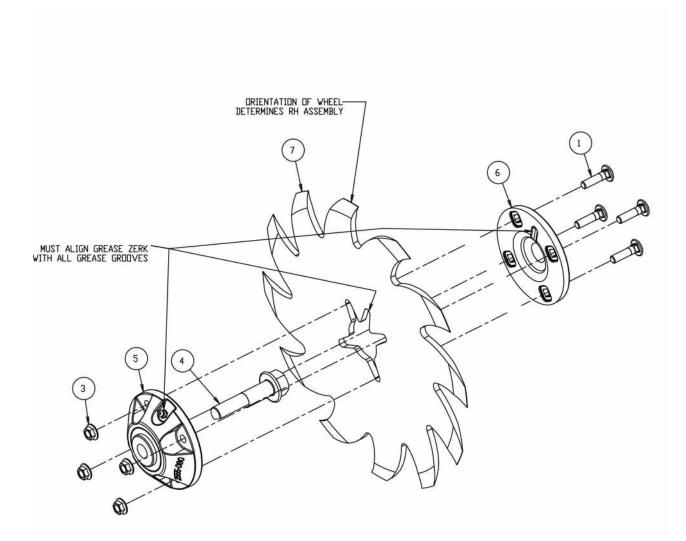


PARTS IDENTIFICATION 2984-152



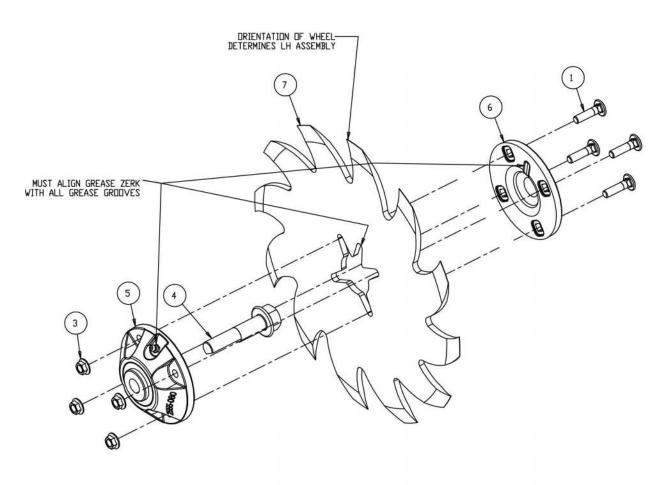
ITEM	PART ND,	DESCRIPTION	QTY
1	2570-575	BEARING, MARKER DISC	2
2	2984-456	BEARING SPACER	1
3	2984-457	STRIP FRESHENER HUB, MACHINED	1

PARTS IDENTIFICATION 2966-140-ST



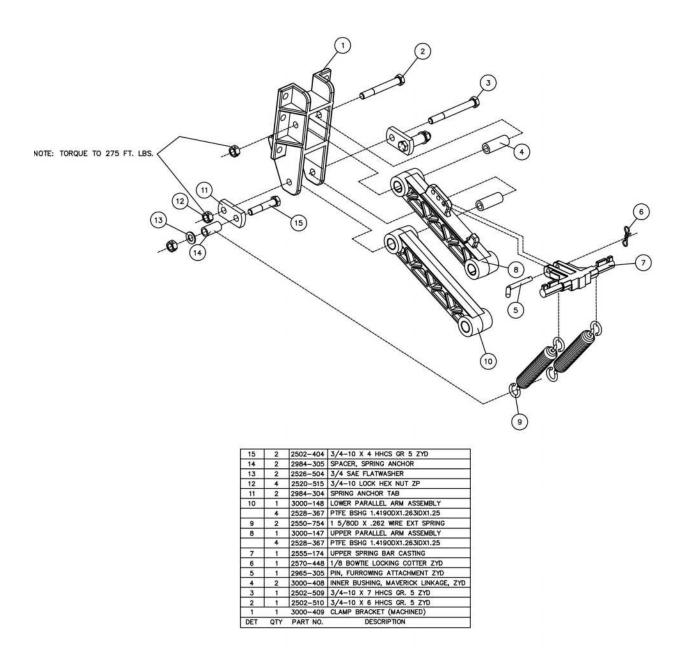
ITEM	PART ND.	DESCRIPTION	IQTY
1	2505-207	5/16-18 X 1 1/4CARBLT G5 ZP	4
2	2515-562	13' WHEEL COVER, BLACK, NOT SHOWN	5
3	2520-206	5/16-18 FLANGE LOCK NUT	4
4	2570-740	D-BOLT, FLGD, 5/8-11 X 2.812 GR. 8	1
5	2965-128	HUB AND BEARING ASS'Y.,4 BOLT	1
	2550-069	SEAL, TRIPLE LIP NTI#1812-5	1
	2570-594	BEARING, 2 ROW	1
	2570-715	BEARING INSERT, TRASHMASTER	1
6	2965-352	HUB CAP CASTING, 4 BOLT, BLACK	1
7	2967-602	13' SHARK TOOTH WHEEL	1

PARTS IDENTIFICATION 2966-141-ST



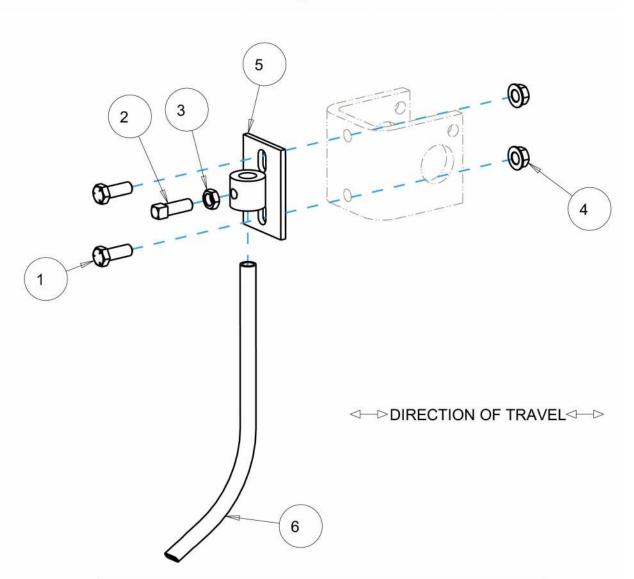
ITEM	PART NO.	DESCRIPTION	IQTY
1	2505-207	5/16-18 X 1 1/4CARBLT G5 ZP	4
2	2515-562	13' WHEEL COVER, BLACK	2
3	2520-206	5/16-18 FLANGE LOCK NUT	4
4	2570-740	D-BOLT, FLGD, 5/8-11 X 2.812 GR. 8	1
5	2965-128	HUB AND BEARING ASS'Y.,4 BOLT	1
	2550-069	SEAL, TRIPLE LIP, NTI# 1812-5	1
	2570-594	BEARING, 2 ROW	1
	2570-715	BEARING INSERT, TRASHMASTER	1
6	2965-352	HUB CAP CASTING, 4 BOLT, BLACK	1
7	2967-602	13' SHARK TOOTH WHEEL	1

PARTS IDENTIFICATION 3000-149



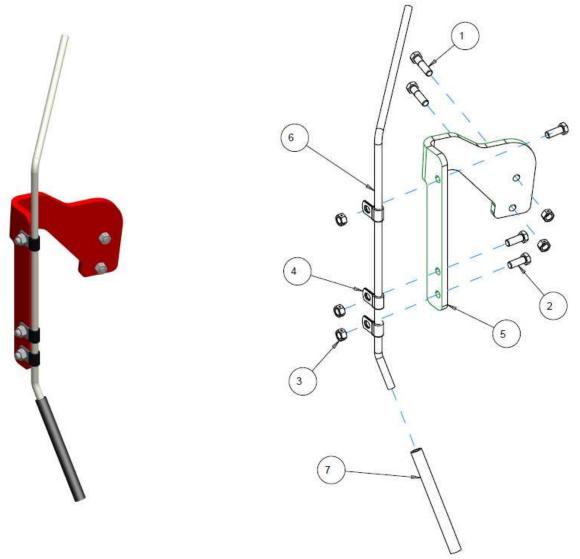
PARTS IDENTIFICATION 2984-080

LIQ. FERT. KIT, FRESHENER



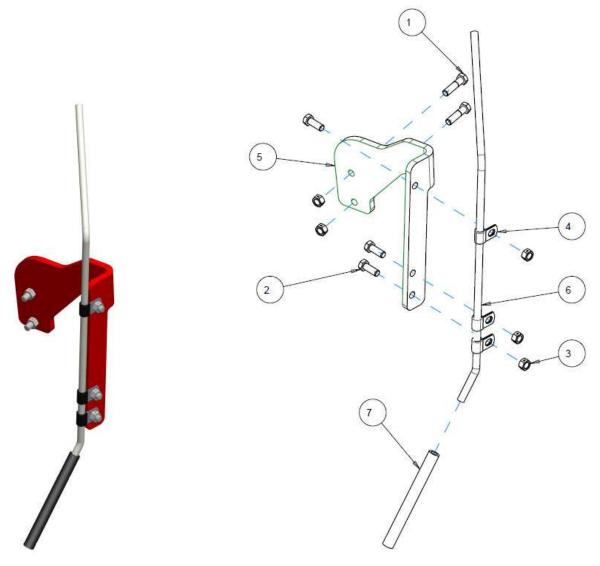
ITEM	PART #	DESCRIPTION	QTY
1	2502-237	3/8-16 X 1 HHCS GR 5 ZP	2
2	2503-254	3/8-16 X 1 SQ. HCPSS, GR5ZP	1
3	2520-253	3/8-16 JAM HEX NUT ZP	1
4	2520-258	3/8-16HEX FLANGE LCK NUT ZP	2
5	2984-238	FERZ TUBE HOLDER STRIP TILL W.A.	1
6	2984-446	STRIP FRESHENER LIQ TUBE	1

PARTS IDENTIFICATION 2984-086-L LEFT HAND LIQUID FERTILIZER TUBE KIT



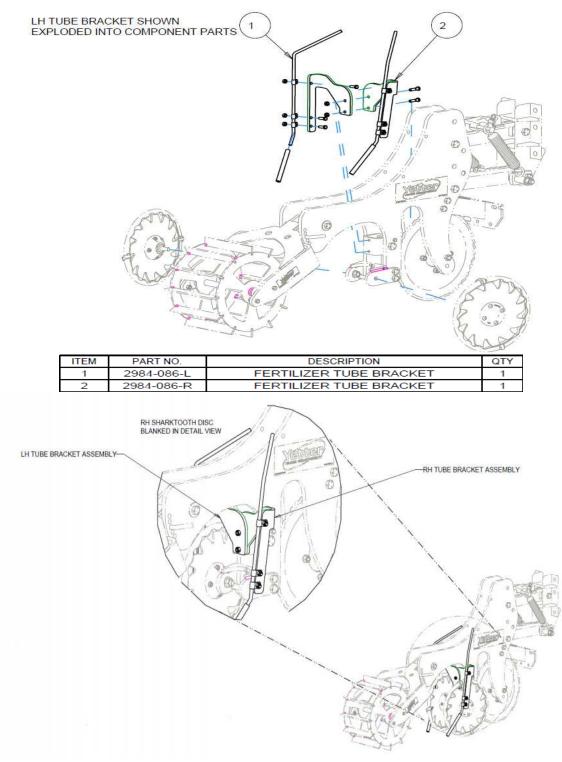
ITEM	PART NO.	DESCRIPTION	QTY
1	2502-232	3/8-16 X 1 1/2 HHCS GR 5 ZYD	2
2	2502-250	3/8-16 X 1 HHCS GR 2 ZN	3
3	2520-255	3/8-16 LOCK HEX NUT, GR A, ZP	5
4	2570-727	3/8 HOSE P-CLIP W/ VINYL CUSHION	3
5	2984-516-L	TUBE BRACKET - LH	1
6	2984-517-L	LIQUID FERTILIZER TUBE	1
7	2984-518	DISCHARGE HOSE	1

PARTS IDENTIFICATION 2984-086-R RIGHT HAND LIQUID FERTILIZER TUBE KIT



ITEM	PART NO.	DESCRIPTION	QTY
1	2502-232	3/8-16 X 1 1/2 HHCS GR 5 ZYD	2
2	2502-250	3/8-16 X 1 HHCS GR 2 ZN	3
3	2520-255	3/8-16 LOCK HEX NUT, GR A, ZP	5
4	2570-727	3/8 HOSE P-CLIP W/ VINYL CUSHION	3
5	2984-516-R	TUBE BRACKET - RH	1
6	2984-517-R	LIQUID FERTILIZER TUBE	1
7	2984-518	DISCHARGE HOSE	1

ASSEMBLY 2984-086 LIQUID FERTLIZER KIT



NOTES:

NOTES:



A Tradition of Solutions since 1930

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