

Operator's Manual



Rotary Tiller

TC & RT

TABLE OF CONTENTS

INTRODUCTION	1
SAFETY	1
SAFETY SIGNAL WORDS	2
GENERAL SAFETY GUIDELINES	2
SAFETY DECAL CARE	3
BEFORE OPERATION	3
DURING OPERATION	4
HIGHWAY AND TRANSPORT OPERATIONS	5
IMPORTANT INSTRUCTIONS BEFORE FIRST USE	
ATTACHING TO TRACTOR	9
CONNECTING THE PTO SHAFT	_
SLIP CLUTCH ADJUSTMENT	9
WORKING DEPTH ADJUSMENT	10
TALILGATE ADJUSTMENT	10
START UP	10
REMOVAL AND STORAGE	10
TC ROTARY TILLER: PARTS BREAKDOWN	12-17
RT ROTARY TILLER: PARTS BREAKDOWN	18-21
PTO SHAFT: PARTS BREAKDOWN	22
WARRANTY REGISTRATION FORM & INSPECTION REPORT	23
LIMITED WARRANTY	24

INTRODUCTION

Thank you for purchasing your Cherokee Implements Rotary Tiller. Your Rotary Tiller is designed to be used on Cat. 1 tractors and at 540 RPM. It is important to properly maintain and keep in place all safety guards and shields that came with your rotary tiller.

SAFETY

Read and understand this manual and all safety signs before operating and maintaining. Review the safety instructions and precautions annually.

TAKE NOTE! THIS SAFETY ALERT SYMBOL FOUND THROUGHOUT THIS MANUAL IS USED TO CALL YOUR ATTENTION TO INSTRUCTIONS INVOLVING YOUR PERSONAL SAFETY AND THE SAFETY OF OTHERS. FAILURE TO FOLLOW THESE INSTRUCTIONS CAN RESULT IN INJURY OR DEATH.



THIS SYMBOL MEANS

ATTENTION!
BECOME ALERT!
YOUR SAFETY IS INVOLVED!



SAFETY SIGNAL WORDS

Note the use of the signal words DANGER, WARNING and CAUTION with the safety messages. The appropriate signal word for each has been selected using the following guidelines:



DANGER: Indicates an imminently hazardous situation that, if not avoided, will result in death or serious injury. This signal word is to be limited to the most extreme situations typically for machine components which, for functional purposes, cannot be guarded.



WARNING: Indicates a potentially hazardous situation that, if not avoided, could result in death or serious injury, and includes hazards that are exposed when guards are removed. It may also be used to alert against unsafe practices.



CAUTION: Indicates a potentially hazardous situation that, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.



GENERAL SAFETY GUIDELINES

Safety of the operator is one of the main concerns in designing and developing a new piece of equipment. Designers and manufacturers build in as many safety features as possible. However, every year many accidents occur which could have been avoided by a few seconds of thought and a more careful approach to handling equipment. You, the operator, can avoid many accidents by observing the following precautions in this section. To avoid personal injury, study the following precautions and insist those working with you, or for you, follow them.

Replace any CAUTION, WARNING, DANGER or instruction safety decal that is not readable or is missing. Location of such decals is indicated in this booklet.

Do not attempt to operate this equipment under the influence of drugs or alcohol.

Review the safety instructions with all users annually.

This equipment is dangerous to children and persons unfamiliar with its operation. The operator should be a responsible adult familiar with farm machinery and trained in this equipment's operations. Do not allow persons to operate or assemble this unit until they have read this manual and have developed a thorough understanding of the safety precautions and of how it works.

To prevent injury or death, use a tractor equipped with a Roll Over Protective System (ROPS). Do not paint over, remove or deface any safety signs or warning decals on your equipment. Observe all safety signs and practice the instructions on them.

Never exceed the limits of a piece of machinery. If its ability to do a job, or to do so safely, is in question - **DON'T TRY IT.**



SAFETY DECAL CARE

- Keep safety signs clean and legible at all times.
- Replace safety signs that are missing or have become illegible.
- Replaced parts that displayed a safety sign should also display the current sign.
- Safety signs are available from your Distributor or Dealer Parts Department or the factory.

How to Install Safety Signs:

- Be sure that the installation area is clean and dry.
- Decide on the exact position before you remove the backing paper.
- Remove the smallest portion of the split backing paper.
- Align the decal over the specified area and carefully press the small portion with the exposed sticky backing in place.
- Slowly peel back the remaining paper and carefully smooth the remaining portion of the decal in place.
- Small air pockets can be pierced with a pin and smoothed out using the piece of decal backing paper.



BEFORE OPERATION

- Carefully study and understand this manual.
- Do not wear loose-fitting clothing, which may catch in moving parts.
- Always wear protective clothing and substantial shoes.
- Assure that all tires are inflated evenly.
- Give the unit a visual inspection for any loose bolts, worn parts or cracked welds, and make necessary repairs. Follow the maintenance safety instructions included in this manual.
- Be sure that there are no tools lying on or in the equipment.
- Do not use the unit until you are sure that the area is clear, especially children and animals.

- Don't hurry the learning process or take the unit for granted. Ease into it and become familiar with your new equipment.
- Practice operation of your equipment and its attachments. Completely familiarize yourself and other operators with its operation before using.
- Use a tractor equipped with a Roll Over Protective System (ROPS) and fasten your seat belt prior to starting the engine.
- The manufacturer does not recommend usage of tractor with ROPS removed.
- Move tractor wheels to the widest recommended settings to increase stability.
- Securely attach to towing unit. Use a high strength, appropriately sized hitch pin with a mechanical retainer and attach safety chain.
- Do not allow anyone to stand between the tongue or hitch and the towing vehicle when backing up to the equipment.



DURING OPERATION

- Children should not be allowed on the product.
- Clear the area of small children and bystanders before moving the feeder.
- If using a towing unit, securely attach feeder by using a hardened 3/4" pin, a metal retainer, and safety chains if required. Shift towing unit to a lower gear before going down steep downgrades, thus using the engine as a retarding force. Keep towing vehicle in gear at all times. Slow down for corners and rough terrain.
- Make sure you are in compliance with all local and state regulations regarding transporting equipment on public roads and highways. Lights and slow moving signs must be clean and visible by overtaking or oncoming traffic when feeder is transported.
- Beware of bystanders, **particularly children!** Always look around to make sure that it is safe to start the engine of the towing vehicle or move the unit. This is particularly important with higher noise levels and quiet cabs, as you may not hear people shouting.
- **NO PASSENGERS ALLOWED** Do not carry passengers anywhere on, or in, the tractor or equipment, except as required for operation.
- Keep hands and clothing clear of moving parts.
- Do not clean, lubricate or adjust your equipment while it is moving.
- When halting operation, even periodically, set the tractor or towing vehicle brakes, disengage the PTO, shut off the engine and **remove the ignition key**.
- Be especially observant of the operating area and terrain watch for holes, rocks or other hidden hazards. Always inspect the area prior to operation.

- **DO NOT** operate near the edge of drop-offs or banks.
- **DO NOT** operate on steep slopes as overturn may result.
- Operate up and down (not across) intermediate slopes. Avoid sudden starts and stops.



HIGHWAY AND TRANSPORT OPERATIONS

- Adopt safe driving practices:
- ⇒ Keep the brake pedals latched together at all times. NEVER USE INDEPENDENT BRAKING WITH MACHINE IN TOW AS LOSS OF CONTROL AND/OR UPSET OF UNIT CAN RESULT.
- ⇒ Always drive at a safe speed relative to local conditions and ensure that your speed is low enough for an emergency stop to be safe and secure. Keep speed to a minimum.
- ⇒ Reduce speed prior to turns to avoid the risk of overturning.
- ⇒ Avoid sudden uphill turns on steep slopes.
- ⇒ Always keep the tractor or towing vehicle in gear to provide engine braking when going downhill. Do not coast.
- ⇒ Do not drink and drive!
- Comply with state and local laws governing highway safety and movement of farm machinery on public roads.
- Use approved accessory lighting flags and necessary warning devices to protect operators of other vehicles on the highway during daylight and nighttime transport. Various safety lights and devices are available from your dealer.
- The use of flashing amber lights is acceptable in most localities. However, some localities prohibit their use. Local laws should be checked for all highway lighting and marking requirements.
- When driving the tractor and equipment on the road or highway under 40 kph (20 mph) at night
 or during the day, use flashing amber warning lights and a slow moving vehicle (SMV) identification emblem.
- Plan your route to avoid heavy traffic.
- Be a safe and courteous driver. Always yield to oncoming traffic in all situations, including narrow bridges, intersections, etc.
- Be observant of bridge loading ratings. Do not cross bridges rated lower than the gross weight as which you are operating.

- Watch for obstructions overhead and to the side while transporting.
- Always operate equipment in a position to provide maximum visibility at all times. Make allowances for increased length and weight of the equipment when making turns, stopping the unit, etc.
- Pick the levelest possible route when transporting across fields. Avoid the edges of ditches or gullies and steep hillsides.
- Be extra careful when working on inclines.
- Maneuver the tractor or towing vehicle at safe speeds.
- Avoid overhead wires or other obstacles. Contact with overhead lines could cause serious injury or death.
- Avoid loose fill, rocks and holes; they can be dangerous for equipment operation or movement.
- Allow for unit length when making turns.
- Operate the towing vehicle from the operator's seat only.
- Never stand alongside of unit with engine running or attempt to start engine and/or operate machine while standing alongside of unit.
- Never leave running equipment attachments unattended.
- As a precaution, always recheck the hardware on equipment following every 100 hours of operation. Correct all problems. Follow the maintenance safety procedures.

PLEASE READ BEFORE FIRST USE OF ROTARY TILLER

Check the oil in the gearboxes and grease fittings prior to use. Running the machine without lubricates voids the warranty

- The gearbox for your Rotary Tiller requires 90 weight gear oil in the center gearbox. The side gearbox uses 140 wt or 00 liquid grease.
- Use Grade II tube grease for ALL grease fittings.
- It is important to NOT overfill the gearbox. Doing so could potentially damage the oil seals and the gearbox; both of which are not covered under warranty.

Steps to Properly Apply grease to tiller gearbox.

- 1. Be sure that the tiller is stable and on level ground.
- 2. Locate 1/2" Pipe Plug with dipstick on the top of the center gearbox and remove, then fill gearbox with gear oil until the gearbox is half full. The proper oil level is approximately 1 1/4" from the bottom of the stick. Replace the Pipe Plug tightly back on the gearbox and wipe off any spilt oil (Refer to Pictures A and B).
- 3. Locate 1/2" Pipe Plug on the top of the side gearbox and the Check Plug on the inside of the side gearbox (Refer to Picture C) and remove see if oil comes out of the Check Plug opening. If oil comes out, replace the Check Plug and go directly to Step 5; if oil does not come out continue to Step 4.
- 4. Pour gear oil into the side gearbox until oil begins to come out of the Check Plug opening (Refer to Picture D).
- 5. Put the 1/2" Pipe Plug (on top of the side gearbox) and the 1/8" Check Plug (on the inside of the side gearbox) tightly back into place and wipe off any spilt oil (Refer to Picture E).
- 6. Put grease into the following spots:
 - Grease Fitting on the Out Board Hub (Refer to Picture C).
 - the two Grease Fittings on the Universal Joints on PTO.
 - the two Grease Fittings on the Safety Shield and the Inner Portion of the PTO (Refer to Picture F).



Picture A



Picture B



Picture C



Picture D



Picture E



Picture F

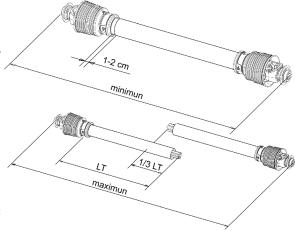
Attachment to the Tractor

Before attaching the equipment to the tractor, make sure that the ground is smooth and flat and that nobody is standing between the tractor and the tiller; slowly move the tractor towards the tiller by aligning the tractor lifter arms with the two tiller coupling side pins; turn the engine off and pull the brake. Then attach the Rotary Tiller to the tractor's Category 1 Three Point Hitch according to the description in the Operator's Manual of the Tractor.

CONNECTING THE PTO SHAFT

It is important to make sure that the RPM rating and the direction of rotation match those of the tractor. Carefully read the PTO shaft and tractor instructions. Next you will need to determine if the PTO Shaft needs to be shortened to fit your tractor. To check this, fully extend the PTO shaft and make sure that the plastic pipes overlap by 6 inches or less. Next retract the PTO Shaft so that the clearance is from 1-2 cm.

Check that the PTO shaft min. and max. length are within the parameters of the machine-tractor coupling. Should problems arise, contact your dealer. After the installation, anchor the PTO shield to the tractor and machine using the special chains; make sure that it turns smoothly. If the PTO shaft is equipped with safety devices, e.g. torque limiters or free-wheel devices, install them on the operative machine side. For the use and maintenance of the PTO shaft, please refer to the relevant



Slip clutches have adjustable torque settings. The torque setting varies with the different compression of each spring. All the springs should have an equal amount of compression.

IMPORTANT: Do not over-tighten the compression nuts as this may impair performance or cause premature wearing of the slip clutch.

Caution: Slip Clutches may become hot. Do Not Touch. Keep the slip clutch area clear of an material that may catch fire.

Slip Clutch adjustments

manual.

Slip Clutch must be adjusted before first use or after a storage period.

- 1. Using a marker, scribe a line across the exposed edges of the clutch plate and friction discs.
- 2. Back off compression nuts to free friction discs by turning each nut *exactly* 2 revolutions.
- 3. Start the tractor and run the driveline at a low idle to slip the friction discs. This will remove the dirt, corrosion and surface floss from the clutch plate faces.
- 4. Disengage PTO, shut down tractor and wait for all components to come to a complete stop.
- 5. Inspect the clutch and ensure that the scribed markings on the disc and plates have changed position. If any two marks are still aligned, this is an indication that these discs have not slipped. It may be necessary to completely disassemble the clutch to free them up.
- 6. After ensuring all discs are free, tighten the compression nuts, uniformly, *exactly* 2 revolutions to resent the clutch original pressure.

Working Depth Adjustment

It is necessary to perform all maintenance work on the Rotary Tiller before every use as well as clearly understanding the safety information. Remember to NEVER make any adjustments to the Rotary Tiller while the tractor is running.

Allowing the tractor engine OR rotary tiller to stall or bog down will cause unnecessary wear on both the tiller and the tractor. In the event that this happens, decrease speed and raise the tilling depth of the tiller. NEVER ATTEMPT TO REMOVE OBJECTS FROM ROTOR BLADES WHILE TRACTOR IS RUNNING AND BLADES ARE STILL MOVING.

Damage could be caused to the Rotary Tiller if the speed is too fast. Also NEVER try to turn or go in reverse with the PTO engaged and the tiller in the ground.

- 1. Once the Rotary Tiller is attached to the tractor, with the tractor lift arms adjusted so that the rotor bar of the tiller is parallel with the ground.
- 2. Raise the tiller and put appropriate support blocks under. Now, adjust the skids so that you have your desired till depth and the tiller can till the same depth on each side. Also adjust the back gate with the chain until you have the preferred opening for mulching for your use. Next, you can raise the tiller, remove the support blocks and place the tiller onto the ground.
- 3. Let your tractor idle and slightly lift the tiller off the ground, engage the PTO and gradually increase the RPM to 540 (PTO RPM), the speed which the Rotary Tiller is designed to run at. Putting the tractor into a lower gear and beginning to move forward, slowly lower the tiller and allow the blades to gradually engage the soil.
- 4. It is highly recommended that you clean all the debris from the blades after every use, as well as replace any missing or unreadable safety decals. Store tiller in a dry environment.

Tailgate adjustment

The tailgate can be adjusted to help smooth and compact the tilled ground. Release the chain and secure to the desired height.

Start up

After making the necessary adjustments, lower the rotary tiller until the blades are a couple of inches from the ground. Engage the PTO and slowly lower the tiller to begin working.

Removal and Storage

After finishing, remove the rotary tiller from the tractor.

- 1. Put the PTO driveline in a safe location so it will not become damaged.
- 2. Clean and dry the equipment.
- 3. Replace any damaged or worn parts.
- 4. Check all bolts and nuts for tightness.
- 5. Lubricate and protect the machine from the elements.

Maintenance

It is critical to properly maintain your Rotary Tiller and is entirely your responsibility. Periodically

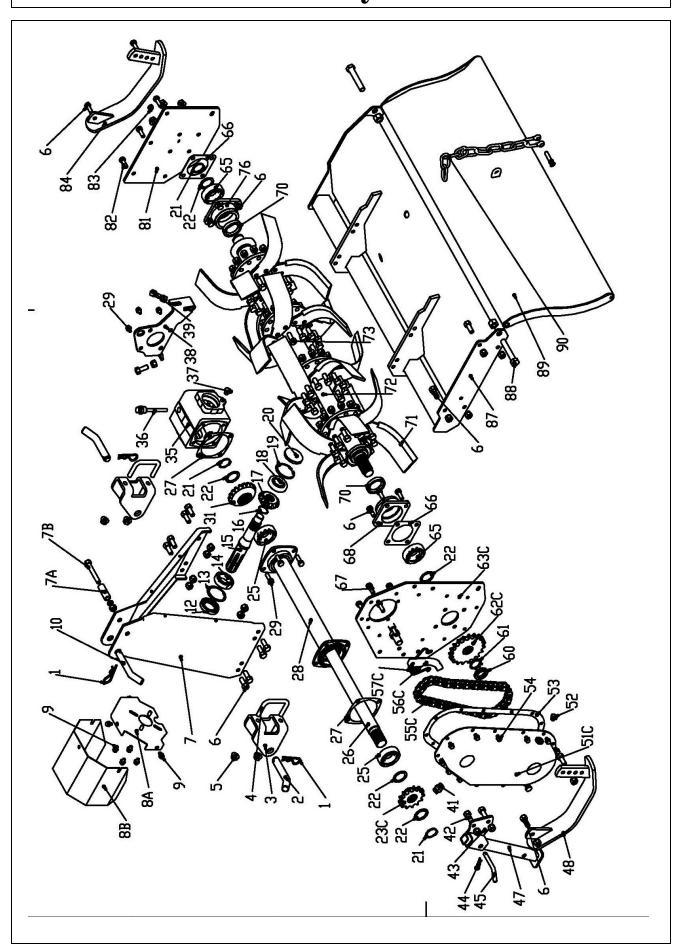
checking and maintaining the optimum gear oil level is a must.

8 Working Hours, please grease:

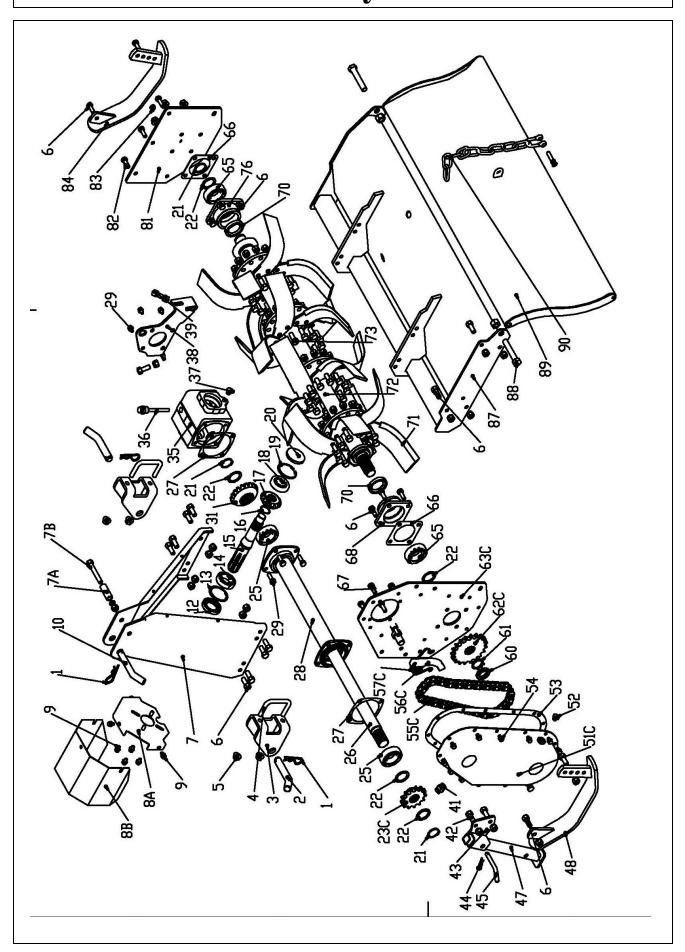
- Out-Board hub
- PTO Shaft universal joints
- PTO Shaft safety shield
- PTO Shaft telescoping surface

DO NOT GREASE SLIP CLUTCH ASSEMBLY.

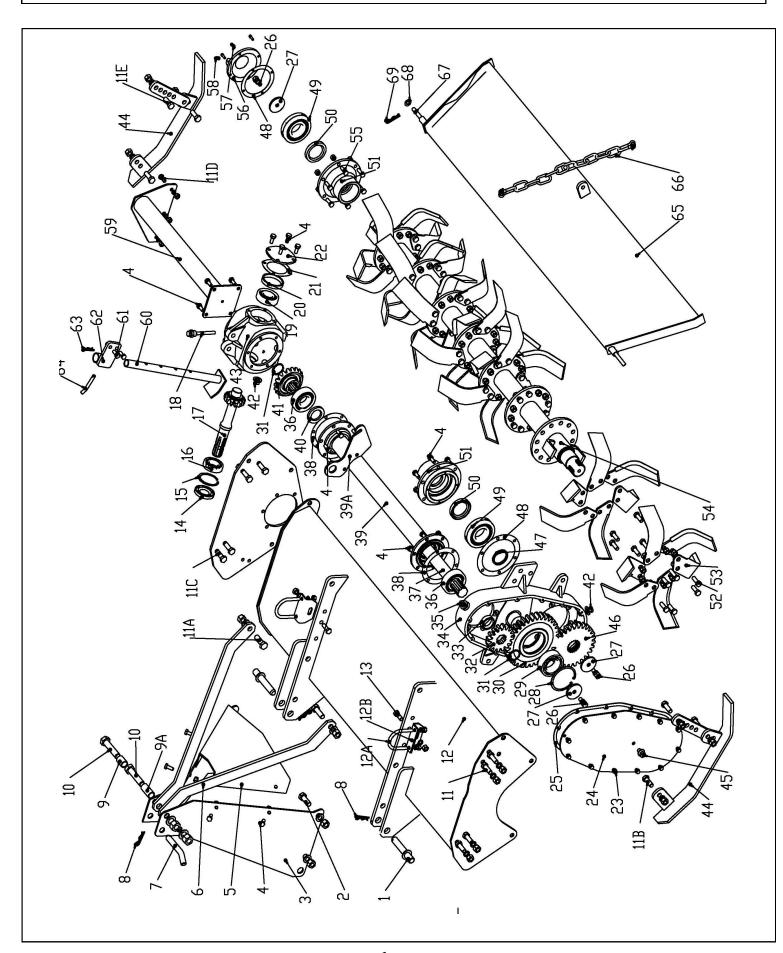
Check all the nuts and bolts so that they are in place and well-secured as well as checking the tiller blades for any possible cracks or breaks before every use.



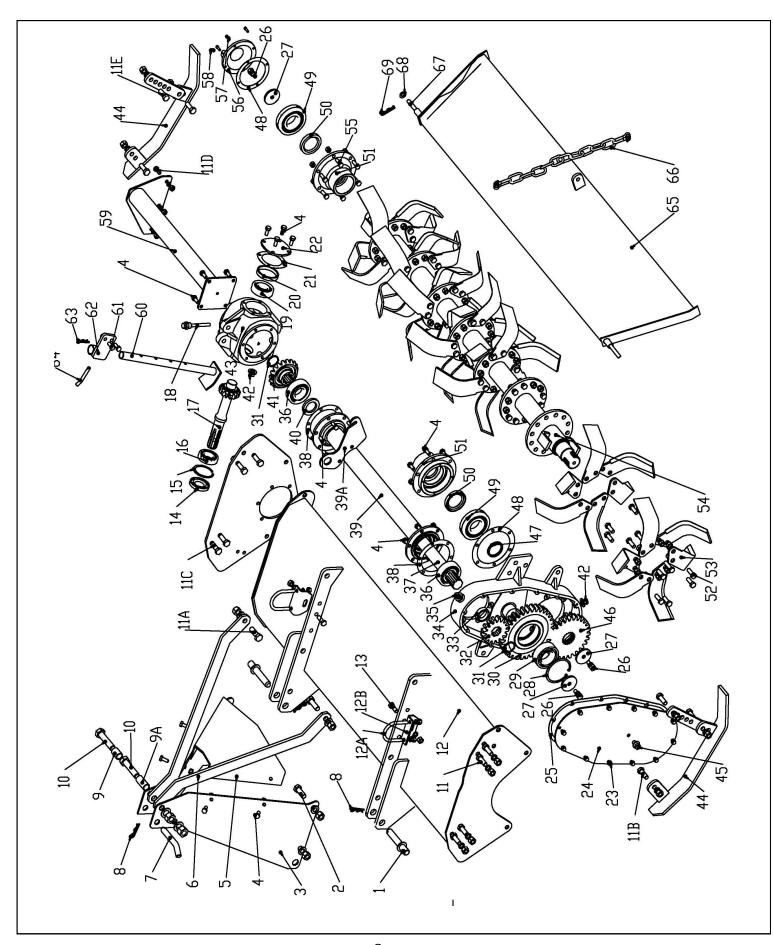
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Position	Part #	Description
1	RC400000	"R" Clip 4mm
2	YT1066010204	Hitch Pin
3	TX0202	Lower Hitch Bracket
4	TX0203	"U" Bolt, Lower Hitch Bracket
5	NM120000	Nut 12mm
6	BM101530	Bolt -10 x 30
6	BM101530	Bolt -10 x 30
7	TC010102R	A Frame - Right side
7	TC010102L	A Frame - Left side
7A	TC0101	Spacer - A Frame
7B	BM1212585	Bolt 12 x 85
8	TX03011	Gearbox Shielding (complete)
9	BM816	Bolt 8 x 16
10	YT1066010202	Top Hitch Pin
12	OS356210	Oil Seal 35x62x10
12	OS406210	Oil Seal 35x62x10
13	SRI62000	Snap Ring 62mm Int.
14	B6007000	Bearing 6007
14	B6207000	Bearing 6007
15	TX0307	Input Shaft
16	SRE30000	Snap Ring 30mm Ext.
17	TX0303	Pinion Gear
18	B3030500	Bearing 30305
19	SRI60000	Snap Ring 60mm Int.
20	TX0309	Gearbox Cap
21	SRE34000	Snap Ring 34mm Ext.
21	SRE34000	Snap Ring 34mm Ext.
21	SRE34000	Snap Ring 34mm Ext.
22	TX0402	Shim
22	TX0401	Shim
22	TX0402	Shim
23C	TX0507-C	Top Gear / Sprocket
25	B6207-2RS	Bearing 6207-2RS
26	TX0304-40	Drive Shaft TC-040
26	TX0304-50	Drive Shaft TC-050
26	TX0304-60	Drive Shaft TC-060
27	TX0306	Gasket
28	TX0301-40	Drive Shaft Tube Housing TC-040
28	TX0301-50	Drive Shaft Tube Housing TC-050
28	TX0301-60	Drive Shaft Tube Housing TC-060
29	BM101525	Bolt -10 x 25
31	TX03012	Ring Gear
35	TX0302	Housing - Gearbox
36	YT10660303000	Gearbox Dip Stick



Position	Part #	Description
37	OP121250	Oil Plug
38	TX0310	Lifting Hook
39	BM1217530	Bolt -12x 30
41	DP1615000V	Breather cap
42	BM101525	Bolt -10 x 25
43	YT1066050200	Stand Bracket
44	RC300000	R-Clip - 3mm
45	YT10660501	Pin - Stand
47	YT1066050100	Stand Leg
48	TX0601	Skid Weldment - Left
51C	TX0501-C	Side Drive Cover
52	OP121250	Oil Plug
53	TX0500	Gasket - Gear/Chain Cover
54	BM812520	Bolt 8 x 20
55C	TX0515	Drive Chain
56C	TX0517	Chain tensioner spring
57C	TX0516	Chain tensioner
60	NM3015	Nut 30 x 1.5
61	SLW30	Star Lock Washer 30mm
62C	TX0509-C	Bottom Sprocket
63C	TX0305-C	Side Panel - Left
65	B6207000	Bearing 6207
66	TX0406	Gasket
71	TX0404	Blade - Left
71	TX0405	Blade - Right
72	TX0401-40	Rotor - TC-040
72	TX0401-50	Rotor - TC-050
72	TX0401-60	Rotor - TC-060
73	BM1212535	Blade Bolt - 12 x 35 Fine Thread
76	TX0403	Bearing Support
81	TX0201	Side Panel - Right
82	BM101525	Bolt -10 x 25
82	BM101525	Bolt 10 x 25
83	GN0610	Grease Fitting
84	TX0602	Skid Weldment - Right
87	TX02-40	Frame Weldment TC-040
87	TX02-50	Frame Weldment TC-050
87	TX02-60	Frame Weldment TC-060
88	BM1690	Bolt 16 x 90
89	TX07-40	Tailgate TC-040
89	TX07-50	Tailgate TC-050
89	TX07-60	Tailgate TC-060
90	TX01	Tailgate Chain assembly

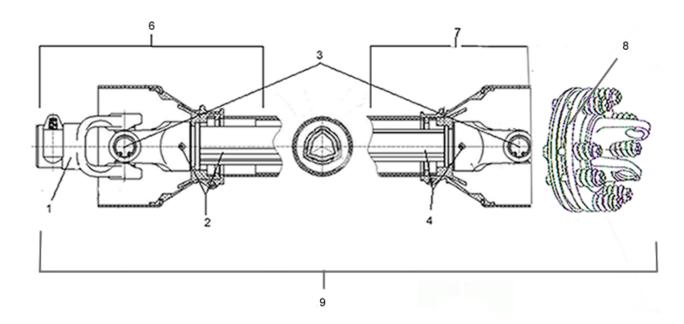


1 CT20114 Hitch Pin (Lower Hitch Block) 2 BM161545 Bolt - 16 x 1.5 x 45 3 CT20103 A Frame - Right CT20102 A Frame - Left 4 BM101525 Bolt - Drive tube housing 5 CT20105 Gearbox Shielding (complete) 6 CT20101 Lift Arm Brace 7 YT1066010202 Top Hitch Pin 8 RC400000 "R" Cilp - Top Hitch Pin 9 CT20106 Top Hitch Bushing 9A CT20107 Top Hitch Bushing 10 BM18110 Bolt - 16 x 110 11 BM1440 Bolt 14 x 40 12 CT201174 Frame Weldment - RT4 12 CT201175 Frame Weldment - RT5 12 CT201176 Frame Weldment - RT6 14 OS357210 Oil Seal (Input Gearbox) 15 SRI72000 Snap Ring - Input shaft - Front 16 B6207000 Bearing - Input shaft - Front 17 Y110660203 Gearbox Oil Plug (Dip Stick) 18 YT10660303000 Gearbox Oil Plug (Dip Stick) 19 B630700 Bearing (Rear of Center GB) 20 Y110660203 Gearbox Cap 21 Y110660203 Gearbox Cap 22 Y110660203 Gearbox Cap 23 BM812520 Bolt - 8 X 1.25 X 20 24 CT10419 Side Drive Cover 25 CT10422 Gasket - Side Gear/Chain Case 26 BM101525 Bolt 10 x 1.5 x 25 27 CT10208 Relating Washer 28 SRI90000 Snap Ring (Idler Gear) 30 CT10416 Idler Gear 31 SRE40000 Snap Ring (Idler Gear) 32 CT10417 Top Gear / Sprocket 33 KK580202 Spacer - Bolt Gear 34 CT10421 Side Panel - Left 35 DP16150000V Breather cap - Side housing 36 B6308000 Bearing Output shaft 37 CT103186 Drive Shaft - RT4 CT103185 Drive Shaft - RT6 CT103186 Drive Shaft - RT6 CT103186 Drive Shaft - RT6 CT103186 Drive Shaft - RT6	Position	Part #	Description
TC20103 A Frame - Right CT20102 A Frame - Left BM101525 Bolt - Drive tube housing CT20105 Gearbox Shielding (complete) CT20101 Lift Arm Brace TY1066010202 Top Hitch Pin RC400000 RC CIp Top Hitch Pin CT20106 Top Hitch Bushing CT20107 Top Hitch Bushing CT20107 Top Hitch Bushing Dolt - 18 x 110 DM18110 Bolt - 18 x 110 CT201174 Frame Weldment - RT4 CT201175 Frame Weldment - RT5 CT201176 Frame Weldment - RT6 CM2000 Snap Ring - Input shaft - Front DM1815 SR172000 Snap Ring - Input shaft - Front DM1816 B6207000 Bearing - Input shaft - Front DM1817 YT10660205 Input Shaft DM18 YT10660303000 Gearbox Oil Plug (Dip Stick) DM18 B630700 Bearing (Rear of Center GB) CM20 YT10660204 Spacer - Back GB CM20 YT10660205 Gearbox Cap DM18220 Bolt - 8 X 1.25 X 20 DM18220 Gearbox Cap DM18250 Bolt - 8 X 1.25 X 20 CT10419 Side Drive Cover CT10419 Side Drive Cover CT10422 Gasket - Side Gear/Chain Case DM101525 Bolt 10 X 1.5 x 25 CT10422 Gasket - Side Gear/Chain Case DM101525 Bolt 10 X 1.5 x 25 DM1833000 Snap Ring - Inion Gear - Front CT10416 Idler Gear SKE40000 Snap Ring - Pinion Gear - Front CT10416 Idler Gear SKE40000 Snap Ring - Pinion Gear - Front CT10411 Top Gear / Sprocket SKE40000 Snap Ring - Pinion Gear - Front CT10412 Side Panel - Left DM184 CT104318 Drive Shaft - RT5 CT103186 Drive Shaft - RT5 CT103186 Drive Shaft - RT5 CT103186 Drive Shaft - RT5	1	CT20114	Hitch Pin (Lower Hitch Block)
CT20102 A Frame - Left 4 BM101525 Bolt - Drive tube housing 5 CT20105 Gearbox Shielding (complete) 6 CT20101 Lift Arm Brace 7 YT1066010202 Top Hitch Pin 8 RC400000 "R" Clip - Top Hitch Pin 9 CT20106 Top Hitch Bushing 9A CT20107 Top Hitch Bushing 10 BM18110 Bolt - 18 x 110 11 BM1440 Bolt 14 x 40 12 CT201174 Frame Weldment - RT4 12 CT201175 Frame Weldment - RT5 12 CT201176 Frame Weldment - RT6 14 OS357210 Oil Seal (Input Gearbox) 15 SR172000 Snap Ring - Input shaft - Front 16 B6207000 Bearing - Input shaft - Front 17 YT10660205 Input Shaft 18 YT10660303000 Gearbox Oil Plug (Dip Stick) 19 B630700 Bearing (Rear of Center GB) 20 YT10660204 Spacer - Back GB 21 YT10660203 Gearbox Cap 23 BM812520 Bolt - 8 X 1.25 X 20 24 CT10419 Side Drive Cover 25 CT10422 Gasket - Side Gear/Chain Case 8 KI90000 Snap Ring (Idler Gear) 28 SR190000 Snap Ring (Idler Gear) 29 S0234 Bearing (Idler Gear) 30 CT10416 Idler Gear 31 SRE40000 Snap Ring - Pinion Gear - Front 32 CT10417 Top Gear / Sprocket 33 KK580202 Spacer - Idler Gear 34 CT10421 Side Panel - Left 35 DP1615000V Breather - RT5 CT103184 Drive Shaft - RT5 CT103186 Drive Shaft - RT5 CT103186 Drive Shaft - RT6	2	BM161545	Bolt - 16 x 1.5 x 45
Bolt - Drive tube housing	3	CT20103	A Frame - Right
5 CT20105 Gearbox Shielding (complete) 6 CT20101 Lift Arm Brace 7 YT1066010202 Top Hitch Pin 8 RC400000 "R" Clip - Top Hitch Pin 9 CT20106 Top Hitch Bushing 9A CT20107 Top Hitch Bushing 10 BM18110 Bolt - 18 x 110 111 BM1440 Bolt + 4 x 40 12 CT201174 Frame Weldment - RT4 12 CT201175 Frame Weldment - RT5 12 CT201176 Frame Weldment - RT6 14 OS357210 Oil Seal (Input Gearbox) 15 SRI72000 Snap Ring - Input shaft - Front 16 B6207000 Bearing - Input shaft - Front 17 YT10660205 Input Shaft 18 YT10660205 Input Shaft 18 YT10660200 Gearbox Oil Plug (Dip Stick) 19 B630700 Bearing (Rear of Center GB) 20 YT10660204 Spacer - Back GB 21 YT10660202 Gearbox Cap 23 BM812520 Bolt-8 X 1.25 X 20 24 CT10419 Side Drive Cover 25 CT10422 Gasket - Side Gear/Chain Case 26 BM101525 Bolt 10 x 1.5 x 25 27 CT10208 Retaining Washer 28 SRI90000 Snap Ring - Pinlon Gear - Front 30 CT10416 Idler Gear 31 SRE40000 Snap Ring - Pinlon Gear - Front 32 CT10417 Top Gear / Sprocket 33 KK580202 Spacer - Idler Gear 34 CT10421 Side Panel - Left 35 DP1615000V Breating Orive Shaft - RT5 CT103186 Drive Shaft - RT5 CT103185 Drive Shaft - RT5 CT103185 Drive Shaft - RT5 CT103186 Drive Shaft - RT5		CT20102	A Frame - Left
6 CT20101 Lift Arm Brace 7 YT1086010202 Top Hitch Pin 8 RC400000 "R" Clip - Top Hitch Pin 9 CT20106 Top Hitch Bushing 9A CT20107 Top Hitch Bushing 10 BM18110 Bolt - 18 x 110 11 BM1440 Bolt 14 x 40 12 CT201174 Frame Weldment - RT4 12 CT201175 Frame Weldment - RT5 12 CT201176 Frame Weldment - RT6 14 OS357210 Oil Seal (Input Gearbox) 15 SR172000 Snap Ring - Input shaft - Front 16 B6207000 Bearing - Input shaft - Front 17 YT10660205 Input Shaft 18 YT10860303000 Gearbox Oil Plug (Dip Stick) 19 B630700 Bearing (Rear of Center GB) 20 YT10660204 Spacer - Back GB 21 YT10660203 Gearbox Back Gasket 22 YT10660202 Gearbox Cap 23 BM812520 Bolt - 8 X 1, 25 X 20 24 CT10419 Side Drive Cover 25 CT10422 Gasket - Side Gear/Chain Case 8 M101525 Bolt 10 x 1.5 x 25 27 CT10208 Retaining Washer 28 SR190000 Snap Ring (Idler Gear) 29 50234 Bearing (Idler Gear) 30 CT10416 Idler Gear 31 SRE40000 Snap Ring - Pinion Gear - Front 32 CT10417 Top Gear / Sprocket CT10421 Side Panel - Left 35 DP1615000V Breating - CT103184 CT103185 Drive Shaft - RT5 CT103186 Drive Shaft - RT5 CT103186 Drive Shaft - RT5 CT103186 Drive Shaft - RT5	4	BM101525	Bolt - Drive tube housing
7 YT106010202 Top Hitch Pin 8 RC400000 "R" Cilp - Top Hitch Pin 9 CT20106 Top Hitch Bushing 10 BM18110 Bolt - 18 x 110 11 BM1440 Bolt 14 x 40 12 CT201174 Frame Weldment - RT4 12 CT201175 Frame Weldment - RT5 12 CT201176 Frame Weldment - RT6 14 OS357210 Oil Seal (Input Gearbox) 15 SRI72000 Sanap Ring - Input shaft - Front 16 B6207000 Bearing - Input shaft - Front 17 YT10660205 Input Shaft 18 YT10660303000 Gearbox Oil Plug (Dip Stick) 19 B630700 Bearing (Rear of Center GB) 20 YT10660204 Spacer - Back GB 21 YT10660203 Gearbox Back Gasket 22 YT1066020 Gearbox Cap 23 BM812520 Bolt - 8 X 1,25 X 20 24 CT10419 Side Drive Cover 25 CT10422 Gasket - Side Gear/Chain Case 8M101525 Bolt 10 x 1,5 x 25 27 CT10208 Retaining Washer 28 SRI90000 Snap Ring (Idler Gear) 29 50234 Bearing (Idler Gear) 30 CT10416 Idler Gear 31 SRE40000 Snap Ring - Pinion Gear - Front 32 CT10417 Top Gear / Sprocket 33 KK580202 Spacer - Idler Gear 34 CT10421 Side Panel - Left 35 DP1615000V Breather cap - Side housing 36 B6308000 Bearing Output shaft CT103184 Drive Shaft - RT5 CT103185 Drive Shaft - RT5	5	CT20105	Gearbox Shielding (complete)
8 RC400000 "R" Clip - Top Hitch Pin 9 CT20106 Top Hitch Bushing 9A CT20107 Top Hitch Bushing 10 BM18110 Bolt - 18 x 110 11 BM1440 Bolt - 18 x 110 12 CT201174 Frame Weldment - RT4 12 CT201175 Frame Weldment - RT6 14 OS357210 Oil Seal (Input Gearbox) 15 SRI72000 Snap Ring - Input shaft - Front 16 B6207000 Bearing - Input shaft - Front 17 YT10660205 Input Shaft 18 YT10660200 Gearbox Oil Plug (Dip Stick) 19 B630700 Bearing (Rear of Center GB) 20 YT10660204 Spacer - Back GB 21 YT10660203 Gearbox Cap 23 BM812520 Bolt - 8 X 1.25 X 20 24 CT10419 Side Drive Cover 25 CT10422 Gasket - Side Gear/Chain Case 26 BM10525 Bolt 10 x 1.5 x 25 27 CT10412 Side Drive Cover	6	CT20101	Lift Arm Brace
9 CT20106 Top Hitch Bushing 9A CT20107 Top Hitch Bushing 10 BM18110 Bolt - 18 x 110 11 BM1440 Bolt 14 x 40 12 CT201174 Frame Weldment - RT4 12 CT201175 Frame Weldment - RT5 12 CT201176 Frame Weldment - RT6 14 OS367210 Oil Seal (Input Gearbox) 15 SR172000 Snap Ring - Input shaft - Front 16 B6207000 Bearing - Input shaft - Front 17 YT10660205 Input Shaft 18 YT10660303000 Gearbox Oil Plug (Dip Stick) 19 B630700 Bearing (Rear of Center GB) 20 YT10660204 Spacer - Back GB 21 YT10660203 Gearbox Cap 23 BM812520 Bolt 8 X 1.25 X 20 24 CT10419 Side Drive Cover 25 CT10422 Gasket - Side Gear/Chain Case 26 BM101525 Bolt 10 x 1.5 x 25 27 CT10208 Retaining Washer 28 SR190000 Snap Ring (Idler Gear) 29 50234 Bearing (Idler Gear) 30 CT10416 Idler Gear 31 SRE40000 Snap Ring - Pinion Gear - Front 32 CT10417 Top Gear / Sprocket 33 KK580202 Spacer - Idler Gear 34 CT10421 Side Panel - Left 35 DP1615000V Breather cap - Side housing 36 B6308000 Bearing Output shaft CT103185 Drive Shaft - RT6	7	YT1066010202	Top Hitch Pin
9A CT20107 Top Hitch Bushing 10 BM18110 Bolt - 18 x 110 11 BM1440 Bolt 14 x 40 12 CT201174 Frame Weldment - RT4 12 CT201175 Frame Weldment - RT5 12 CT201176 Frame Weldment - RT6 14 OS357210 Oil Seal (Input Gearbox) 15 SRI72000 Snap Ring - Input shaft - Front 16 B6207000 Bearing - Input shaft - Front 17 YT10660205 Input Shaft 18 YT10660205 Input Shaft 19 B630700 Bearing (Rear of Center GB) 20 YT10660204 Spacer - Back GB 21 YT10660203 Gearbox Oil Plug (Dip Stick) 20 YT10660204 Spacer - Back GB 21 YT10660202 Gearbox Cap 23 BM812520 Bolt-8 X 1.25 X 20 24 CT10419 Side Drive Cover 25 CT10422 Gasket - Side Gear/Chain Case 26 BM101525 Bolt 10 x 1.5 x 25 27 CT10208 Retaining Washer 28 SRI90000 Snap Ring (Idler Gear) 29 50234 Bearing (Idler Gear) 30 CT10416 Idler Gear 31 SRE40000 Snap Ring - Pinion Gear - Front 32 CT10417 Top Gear / Sprocket 33 KK580202 Spacer - Idler Gear 34 CT10421 Side Panel - Left 35 DP1615000V Breather cap - Side housing 36 B6308000 Bearing Output shaft	8	RC400000	"R" Clip - Top Hitch Pin
10 BM18110 Bolt - 18 x 110 11 BM1440 Bolt 14 x 40 12 CT201174 Frame Weldment - RT4 12 CT201175 Frame Weldment - RT6 12 CT201176 Frame Weldment - RT6 14 OS357210 Oil Seal (Input Gearbox) 15 SRI72000 Snap Ring - Input shaft - Front 16 B6207000 Bearing - Input shaft - Front 17 YT10660205 Input Shaft 18 YT10660303000 Gearbox Oil Plug (Dip Stick) 19 B630700 Bearing (Rear of Center GB) 20 YT10660204 Spacer - Back GB 21 YT10660203 Gearbox Cap 23 BM812520 Bolt - 8 X 1.25 X 20 24 CT10419 Side Drive Cover 25 CT10422 Gasket - Side Gear/Chain Case 26 BM101525 Bolt 10 x 1.5 x 25 27 CT10208 Retaining Washer 28 SRI90000 Snap Ring (Idler Gear) 29 50234 Bearing (Idler Gear) 30 CT10416 Idler Gear 31 SRE40000 Snap Ring - Pinion Gear - Front 32 CT10417 Top Gear / Sprocket 33 KK580202 Spacer - Idler Gear 34 CT10421 Side Panel - Left 35 DP1615000V Breather cap - Side housing 36 B6308000 Bearing Output shaft CT103185 Drive Shaft - RT6	9	CT20106	Top Hitch Bushing
11 BM1440 Bolt 14 x 40 12 CT201174 Frame Weldment - RT4 12 CT201175 Frame Weldment - RT5 12 CT201176 Frame Weldment - RT6 14 OS357210 Oil Seal (Input Gearbox) 15 SRI72000 Snap Ring - Input shaft - Front 16 B6207000 Bearing - Input shaft - Front 17 YT10660205 Input Shaft 18 YT10660303000 Gearbox Oil Plug (Dip Stick) 19 B630700 Bearing (Rear of Center GB) 20 YT10660204 Spacer - Back GB 21 YT10660203 Gearbox Back Gasket 22 YT10660202 Gearbox Cap 23 BM812520 Bolt- 8 X 1.25 X 20 24 CT10419 Side Drive Cover 25 CT10422 Gasket - Side Gear/Chain Case 26 BM101525 Bolt 10 x 1.5 x 25 27 CT10208 Retaining Washer 28 SRI90000 Snap Ring (Idler Gear) 29 50234 Bearing (Idler Gear) 30 CT10416 Idler Gear 31 SRE40000 Snap Ring - Pinion Gear - Front 32 CT10417 Top Gear / Sprocket 33 KK580202 Spacer - Idler Gear 34 CT10421 Side Panel - Left 35 DP1615000V Breather cap - Side housing 36 B6308000 Bearing Output shaft 37 CT103184 Drive Shaft - RT5 CT103185 Drive Shaft - RT5	9A	CT20107	Top Hitch Bushing
12 CT201174 Frame Weldment - RT4 12 CT201175 Frame Weldment - RT5 12 CT201176 Frame Weldment - RT6 14 OS357210 Oil Seal (Input Gearbox) 15 SRI72000 Snap Ring - Input shaft - Front 16 B6207000 Bearing - Input shaft - Front 17 YT10660205 Input Shaft 18 YT10660303000 Gearbox Oil Plug (Dip Stick) 19 B630700 Bearing (Rear of Center GB) 20 YT10660204 Spacer - Back GB 21 YT10660203 Gearbox Cap 22 YT10660202 Gearbox Cap 23 BM812520 Bolt- 8 X 1.25 X 20 24 CT10419 Side Drive Cover 25 CT10422 Gasket - Side Gear/Chain Case 26 BM101525 Bolt 10 x 1.5 x 25 27 CT10208 Retaining Washer 28 SRI90000 Snap Ring (Idler Gear) 29 50234 Bearing (Idler Gear) 29 50234 Bearing (Idler Gear) 30 CT10416 Idler Gear 31 SRE40000 Snap Ring - Pinion Gear - Front 32 CT10417 Top Gear / Sprocket 33 KK580202 Spacer - Idler Gear 34 CT10421 Side Panel - Left 35 DP1615000V Breather cap - Side housing 36 B6308000 Bearing Output shaft 37 CT103184 Drive Shaft - RT6	10	BM18110	Bolt - 18 x 110
12 CT201175 Frame Weldment - RT5 12 CT201176 Frame Weldment - RT6 14 OS357210 Oil Seal (Input Gearbox) 15 SRI72000 Snap Ring - Input shaft - Front 16 B6207000 Bearing - Input shaft - Front 17 YT10660205 Input Shaft 18 YT10660303000 Gearbox Oil Plug (Dip Stick) 19 B630700 Bearing (Rear of Center GB) 20 YT10660204 Spacer - Back GB 21 YT10660203 Gearbox Cap 23 BM812520 Bolt - 8 X 1.25 X 20 24 CT10419 Side Drive Cover 25 CT10422 Gasket - Side Gear/Chain Case 26 BM101525 Bolt 10 x 1.5 x 25 27 CT10208 Retaining Washer 28 SRI90000 Snap Ring (Idler Gear) 29 50234 Bearing (Idler Gear) 30 CT10416 Idler Gear 31 SRE40000 Snap Ring - Pinion Gear - Front 32 CT10417 Top Gear / Sprocket 33 KK580202 Spacer - Idler Gear 34 CT10421 Side Panel - Left 35 DP1615000V Breather cap - Side housing 36 B6308000 Bearing Output shaft 37 CT103184 Drive Shaft - RT6	11	BM1440	Bolt 14 x 40
12 CT201176 Frame Weldment - RT6 14 OS357210 Oil Seal (Input Gearbox) 15 SRI72000 Snap Ring - Input shaft - Front 16 B6207000 Bearing - Input shaft - Front 17 YT10660205 Input Shaft 18 YT106603000 Gearbox Oil Plug (Dip Stick) 19 B630700 Bearing (Rear of Center GB) 20 YT10660204 Spacer - Back GB 21 YT10660203 Gearbox Back Gasket 22 YT10660202 Gearbox Cap 23 BM812520 Bolt- 8 X 1.25 X 20 24 CT10419 Side Drive Cover 25 CT10422 Gasket - Side Gear/Chain Case 26 BM101525 Bolt 10 x 1.5 x 25 27 CT10208 Retaining Washer 28 SRI90000 Snap Ring (Idler Gear) 29 50234 Bearing (Idler Gear) 30 CT10416 Idler Gear 31 SRE40000 Snap Ring - Pinion Gear - Front 32 CT10417 Top Gear / Sprocket 33 KK580202 Spacer - Idler Gear 34 CT10421 Side Panel - Left 35 DP1615000V Breather ap - Side housing 36 B6308000 Bearing Output shaft CT103184 Drive Shaft - RT5 CT103185 Drive Shaft - RT6	12	CT201174	Frame Weldment - RT4
14 OS357210 Oil Seal (Input Gearbox) 15 SRI72000 Snap Ring - Input shaft - Front 16 B6207000 Bearing - Input shaft - Front 17 YT10660205 Input Shaft 18 YT10660303000 Gearbox Oil Plug (Dip Stick) 19 B630700 Bearing (Rear of Center GB) 20 YT10660204 Spacer - Back GB 21 YT10660203 Gearbox Back Gasket 22 YT10660202 Gearbox Cap 23 BM812520 Bolt- 8 X 1.25 X 20 24 CT10419 Side Drive Cover 25 CT10422 Gasket - Side Gear/Chain Case 26 BM101525 Bolt 10 x 1.5 x 25 27 CT10208 Retaining Washer 28 SRI90000 Snap Ring (Idler Gear) 29 50234 Bearing (Idler Gear) 30 CT10416 Idler Gear 31 SRE40000 Snap Ring - Pinion Gear - Front 32 CT10417 Top Gear / Sprocket 33 KK580202 Spacer - Idler Gear 34 CT10421 Side Panel - Left 35 DP1615000V Breather cap - Side housing 36 B6308000 Bearing Output shaft 37 CT103184 Drive Shaft - RT5 CT103185 Drive Shaft - RT5	12	CT201175	Frame Weldment - RT5
15 SRI72000 Snap Ring - Input shaft - Front 16 B6207000 Bearing - Input shaft - Front 17 YT10660205 Input Shaft 18 YT10660303000 Gearbox Oil Plug (Dip Stick) 19 B630700 Bearing (Rear of Center GB) 20 YT10660204 Spacer - Back GB 21 YT10660203 Gearbox Back Gasket 22 YT10660202 Gearbox Cap 23 BM812520 Bolt - 8 X 1.25 X 20 24 CT10419 Side Drive Cover 25 CT10422 Gasket - Side Gear/Chain Case 26 BM101525 Bolt 10 x 1.5 x 25 27 CT10208 Retaining Washer 28 SRI90000 Snap Ring (Idler Gear) 29 50234 Bearing (Idler Gear) 30 CT10416 Idler Gear 31 SRE40000 Snap Ring - Pinion Gear - Front 32 CT10417 Top Gear / Sprocket 33 KK580202 Spacer - Idler Gear 34 CT10421 Side	12	CT201176	Frame Weldment - RT6
16 B6207000 Bearing - Input shaft - Front 17 YT10660205 Input Shaft 18 YT10660303000 Gearbox Oil Plug (Dip Stick) 19 B630700 Bearing (Rear of Center GB) 20 YT10660204 Spacer - Back GB 21 YT10660203 Gearbox Back Gasket 22 YT10660202 Gearbox Cap 23 BM812520 Bolt - 8 X 1.25 X 20 24 CT10419 Side Drive Cover 25 CT10422 Gasket - Side Gear/Chain Case 26 BM101525 Bolt 10 x 1.5 x 25 27 CT10208 Retaining Washer 28 SRI90000 Snap Ring (Idler Gear) 29 50234 Bearing (Idler Gear) 30 CT10416 Idler Gear 31 SRE40000 Snap Ring - Pinion Gear - Front 32 CT10417 Top Gear / Sprocket 33 KK580202 Spacer - Idler Gear 34 CT10421 Side Panel - Left 35 DP1615000V Breather cap - Side housing 36 B6308000 Bearing Output shaft <td>14</td> <td>OS357210</td> <td>Oil Seal (Input Gearbox)</td>	14	OS357210	Oil Seal (Input Gearbox)
17 YT10660205 Input Shaft 18 YT10660303000 Gearbox Oil Plug (Dip Stick) 19 B630700 Bearing (Rear of Center GB) 20 YT10660204 Spacer - Back GB 21 YT10660203 Gearbox Back Gasket 22 YT10660202 Gearbox Cap 23 BM812520 Bolt - 8 X 1.25 X 20 24 CT10419 Side Drive Cover 25 CT10422 Gasket - Side Gear/Chain Case 26 BM101525 Bolt 10 x 1.5 x 25 27 CT10208 Retaining Washer 28 SRI90000 Snap Ring (Idler Gear) 29 50234 Bearing (Idler Gear) 30 CT10416 Idler Gear 31 SRE40000 Snap Ring - Pinion Gear - Front 32 CT10417 Top Gear / Sprocket 33 KK580202 Spacer - Idler Gear 34 CT10421 Side Panel - Left 35 DP1615000V Breather cap - Side housing 36 B6308000 Bearing Output shaft 37 CT103184 Drive Shaft - RT5	15	SRI72000	Snap Ring - Input shaft - Front
18 YT10660303000 Gearbox Oil Plug (Dip Stick) 19 B630700 Bearing (Rear of Center GB) 20 YT10660204 Spacer - Back GB 21 YT10660203 Gearbox Back Gasket 22 YT10660202 Gearbox Cap 23 BM812520 Bolt- 8 X 1.25 X 20 24 CT10419 Side Drive Cover 25 CT10422 Gasket - Side Gear/Chain Case 26 BM101525 Bolt 10 x 1.5 x 25 27 CT10208 Retaining Washer 28 SRI90000 Snap Ring (Idler Gear) 29 50234 Bearing (Idler Gear) 30 CT10416 Idler Gear 31 SRE40000 Snap Ring - Pinion Gear - Front 32 CT10417 Top Gear / Sprocket 33 KK580202 Spacer - Idler Gear 34 CT10421 Side Panel - Left 35 DP1615000V Breather cap - Side housing 36 B6308000 Bearing Output shaft 37 CT103184 Drive Shaft -	16	B6207000	Bearing - Input shaft - Front
19 B630700 Bearing (Rear of Center GB) 20 YT10660204 Spacer - Back GB 21 YT10660203 Gearbox Back Gasket 22 YT10660202 Gearbox Cap 23 BM812520 Bolt- 8 X 1.25 X 20 24 CT10419 Side Drive Cover 25 CT10422 Gasket - Side Gear/Chain Case 26 BM101525 Bolt 10 x 1.5 x 25 27 CT10208 Retaining Washer 28 SRI90000 Snap Ring (Idler Gear) 29 50234 Bearing (Idler Gear) 30 CT10416 Idler Gear 31 SRE40000 Snap Ring - Pinion Gear - Front 32 CT10417 Top Gear / Sprocket 33 KK580202 Spacer - Idler Gear 34 CT10421 Side Panel - Left 35 DP1615000V Breather cap - Side housing 36 B6308000 Bearing Output shaft 37 CT103184 Drive Shaft - RT4 CT103185 Drive Shaft - RT5 CT103186 Drive Shaft - RT6	17		Input Shaft
20 YT10660204 Spacer - Back GB 21 YT10660203 Gearbox Back Gasket 22 YT10660202 Gearbox Cap 23 BM812520 Bolt - 8 X 1.25 X 20 24 CT10419 Side Drive Cover 25 CT10422 Gasket - Side Gear/Chain Case 26 BM101525 Bolt 10 x 1.5 x 25 27 CT10208 Retaining Washer 28 SRI90000 Snap Ring (Idler Gear) 29 50234 Bearing (Idler Gear) 30 CT10416 Idler Gear 31 SRE40000 Snap Ring - Pinion Gear - Front 32 CT10417 Top Gear / Sprocket 33 KK580202 Spacer - Idler Gear 34 CT10421 Side Panel - Left 35 DP1615000V Breather cap - Side housing 36 B6308000 Bearing Output shaft 37 CT103184 Drive Shaft - RT4 CT103185 Drive Shaft - RT5 CT103186 Drive Shaft - RT6	18	YT10660303000	Gearbox Oil Plug (Dip Stick)
21 YT10660203 Gearbox Back Gasket 22 YT10660202 Gearbox Cap 23 BM812520 Bolt- 8 X 1.25 X 20 24 CT10419 Side Drive Cover 25 CT10422 Gasket - Side Gear/Chain Case 26 BM101525 Bolt 10 x 1.5 x 25 27 CT10208 Retaining Washer 28 SRI90000 Snap Ring (Idler Gear) 29 50234 Bearing (Idler Gear) 30 CT10416 Idler Gear 31 SRE40000 Snap Ring - Pinion Gear - Front 32 CT10417 Top Gear / Sprocket 33 KK580202 Spacer - Idler Gear 34 CT10421 Side Panel - Left 35 DP1615000V Breather cap - Side housing 36 B6308000 Bearing Output shaft 37 CT103184 Drive Shaft - RT4 CT103185 Drive Shaft - RT5 CT103186 Drive Shaft - RT6	19	B630700	Bearing (Rear of Center GB)
22 YT10660202 Gearbox Cap 23 BM812520 Bolt- 8 X 1.25 X 20 24 CT10419 Side Drive Cover 25 CT10422 Gasket - Side Gear/Chain Case 26 BM101525 Bolt 10 x 1.5 x 25 27 CT10208 Retaining Washer 28 SRI90000 Snap Ring (Idler Gear) 29 50234 Bearing (Idler Gear) 30 CT10416 Idler Gear 31 SRE40000 Snap Ring - Pinion Gear - Front 32 CT10417 Top Gear / Sprocket 33 KK580202 Spacer - Idler Gear 34 CT10421 Side Panel - Left 35 DP1615000V Breather cap - Side housing 36 B6308000 Bearing Output shaft 37 CT103184 Drive Shaft - RT5 CT103185 Drive Shaft - RT5 CT103186 Drive Shaft - RT6	20	YT10660204	Spacer - Back GB
23 BM812520 Bolt- 8 X 1.25 X 20 24 CT10419 Side Drive Cover 25 CT10422 Gasket - Side Gear/Chain Case 26 BM101525 Bolt 10 x 1.5 x 25 27 CT10208 Retaining Washer 28 SRI90000 Snap Ring (Idler Gear) 29 50234 Bearing (Idler Gear) 30 CT10416 Idler Gear 31 SRE40000 Snap Ring - Pinion Gear - Front 32 CT10417 Top Gear / Sprocket 33 KK580202 Spacer - Idler Gear 34 CT10421 Side Panel - Left 35 DP1615000V Breather cap - Side housing 36 B6308000 Bearing Output shaft 37 CT103184 Drive Shaft - RT4 CT103185 Drive Shaft - RT5 CT103186 Drive Shaft - RT6	21	YT10660203	Gearbox Back Gasket
23 BM812520 Bolt- 8 X 1.25 X 20 24 CT10419 Side Drive Cover 25 CT10422 Gasket - Side Gear/Chain Case 26 BM101525 Bolt 10 x 1.5 x 25 27 CT10208 Retaining Washer 28 SRI90000 Snap Ring (Idler Gear) 29 50234 Bearing (Idler Gear) 30 CT10416 Idler Gear 31 SRE40000 Snap Ring - Pinion Gear - Front 32 CT10417 Top Gear / Sprocket 33 KK580202 Spacer - Idler Gear 34 CT10421 Side Panel - Left 35 DP1615000V Breather cap - Side housing 36 B6308000 Bearing Output shaft 37 CT103184 Drive Shaft - RT4 CT103185 Drive Shaft - RT5 CT103186 Drive Shaft - RT6	22	YT10660202	Gearbox Cap
25 CT10422 Gasket - Side Gear/Chain Case 26 BM101525 Bolt 10 x 1.5 x 25 27 CT10208 Retaining Washer 28 SRI90000 Snap Ring (Idler Gear) 29 50234 Bearing (Idler Gear) 30 CT10416 Idler Gear 31 SRE40000 Snap Ring - Pinion Gear - Front 32 CT10417 Top Gear / Sprocket 33 KK580202 Spacer - Idler Gear 34 CT10421 Side Panel - Left 35 DP1615000V Breather cap - Side housing 36 B6308000 Bearing Output shaft 37 CT103184 Drive Shaft - RT4 CT103185 Drive Shaft - RT5 CT103186 Drive Shaft - RT6	23	BM812520	Bolt- 8 X 1.25 X 20
26 BM101525 Bolt 10 x 1.5 x 25 27 CT10208 Retaining Washer 28 SRI90000 Snap Ring (Idler Gear) 29 50234 Bearing (Idler Gear) 30 CT10416 Idler Gear 31 SRE40000 Snap Ring - Pinion Gear - Front 32 CT10417 Top Gear / Sprocket 33 KK580202 Spacer - Idler Gear 34 CT10421 Side Panel - Left 35 DP1615000V Breather cap - Side housing 36 B6308000 Bearing Output shaft 37 CT103184 Drive Shaft - RT4 CT103185 Drive Shaft - RT5 CT103186 Drive Shaft - RT6	24	CT10419	Side Drive Cover
27 CT10208 Retaining Washer 28 SRI90000 Snap Ring (Idler Gear) 29 50234 Bearing (Idler Gear) 30 CT10416 Idler Gear 31 SRE40000 Snap Ring - Pinion Gear - Front 32 CT10417 Top Gear / Sprocket 33 KK580202 Spacer - Idler Gear 34 CT10421 Side Panel - Left 35 DP1615000V Breather cap - Side housing 36 B6308000 Bearing Output shaft 37 CT103184 Drive Shaft - RT4 CT103185 Drive Shaft - RT5 CT103186 Drive Shaft - RT6	25	CT10422	Gasket - Side Gear/Chain Case
28 SRI90000 Snap Ring (Idler Gear) 29 50234 Bearing (Idler Gear) 30 CT10416 Idler Gear 31 SRE40000 Snap Ring - Pinion Gear - Front 32 CT10417 Top Gear / Sprocket 33 KK580202 Spacer - Idler Gear 34 CT10421 Side Panel - Left 35 DP1615000V Breather cap - Side housing 36 B6308000 Bearing Output shaft 37 CT103184 Drive Shaft - RT4 CT103185 Drive Shaft - RT5 Drive Shaft - RT6 Drive Shaft - RT6	26	BM101525	Bolt 10 x 1.5 x 25
29 50234 Bearing (Idler Gear) 30 CT10416 Idler Gear 31 SRE40000 Snap Ring - Pinion Gear - Front 32 CT10417 Top Gear / Sprocket 33 KK580202 Spacer - Idler Gear 34 CT10421 Side Panel - Left 35 DP1615000V Breather cap - Side housing 36 B6308000 Bearing Output shaft 37 CT103184 Drive Shaft - RT4 CT103185 Drive Shaft - RT5 CT103186 Drive Shaft - RT6	27	CT10208	Retaining Washer
30 CT10416 Idler Gear 31 SRE40000 Snap Ring - Pinion Gear - Front 32 CT10417 Top Gear / Sprocket 33 KK580202 Spacer - Idler Gear 34 CT10421 Side Panel - Left 35 DP1615000V Breather cap - Side housing 36 B6308000 Bearing Output shaft 37 CT103184 Drive Shaft - RT4 CT103185 Drive Shaft - RT5 CT103186 Drive Shaft - RT6	28	SRI90000	Snap Ring (Idler Gear)
31 SRE40000 Snap Ring - Pinion Gear - Front 32 CT10417 Top Gear / Sprocket 33 KK580202 Spacer - Idler Gear 34 CT10421 Side Panel - Left 35 DP1615000V Breather cap - Side housing 36 B6308000 Bearing Output shaft 37 CT103184 Drive Shaft - RT4 CT103185 Drive Shaft - RT5 CT103186 Drive Shaft - RT6	29	50234	Bearing (Idler Gear)
32 CT10417 Top Gear / Sprocket 33 KK580202 Spacer - Idler Gear 34 CT10421 Side Panel - Left 35 DP1615000V Breather cap - Side housing 36 B6308000 Bearing Output shaft 37 CT103184 Drive Shaft - RT4 CT103185 Drive Shaft - RT5 CT103186 Drive Shaft - RT6	30	CT10416	Idler Gear
33 KK580202 Spacer - Idler Gear 34 CT10421 Side Panel - Left 35 DP1615000V Breather cap - Side housing 36 B6308000 Bearing Output shaft 37 CT103184 Drive Shaft - RT4 CT103185 Drive Shaft - RT5 CT103186 Drive Shaft - RT6	31	SRE40000	Snap Ring - Pinion Gear - Front
34 CT10421 Side Panel - Left 35 DP1615000V Breather cap - Side housing 36 B6308000 Bearing Output shaft 37 CT103184 Drive Shaft - RT4 CT103185 Drive Shaft - RT5 CT103186 Drive Shaft - RT6	32	CT10417	Top Gear / Sprocket
35 DP1615000V Breather cap - Side housing 36 B6308000 Bearing Output shaft 37 CT103184 Drive Shaft - RT4 CT103185 Drive Shaft - RT5 CT103186 Drive Shaft - RT6	33	KK580202	Spacer - Idler Gear
36 B6308000 Bearing Output shaft 37 CT103184 Drive Shaft - RT4 CT103185 Drive Shaft - RT5 CT103186 Drive Shaft - RT6	34	CT10421	Side Panel - Left
37 CT103184 Drive Shaft - RT4 CT103185 Drive Shaft - RT5 CT103186 Drive Shaft - RT6	35	DP1615000V	Breather cap - Side housing
CT103185 Drive Shaft - RT5 CT103186 Drive Shaft - RT6	36	B6308000	Bearing Output shaft
CT103186 Drive Shaft - RT6	37	CT103184	Drive Shaft - RT4
21-22-23		CT103185	Drive Shaft - RT5
38 YT10660207 Gasket		CT103186	Drive Shaft - RT6
	38	YT10660207	Gasket



Position	Part #	Description
39	CT103224	Drive Shaft Tube Housing - RT4
	CT103225	Drive Shaft Tube Housing - RT5
	CT103226	Drive Shaft Tube Housing - RT6
40	OS65408	Oil Seal - Drive shaft tube housing
41	YT10660206	Ring Gear
42	OP141500	Oil Plug Center GB (Drain Plug)
43	YT10660201	Housing - Gearbox
44	CT10109	Skid Weldment - Left
	CT10110	Skid Weldment - Right
45	OP121500	Oil Plug (Drain Plug Side Cover)
46	CT10418	Bottom Gear/Sprocket
47		Shim / Spacer
48	KK0405	Gasket - Rotor
49	50233	Bearing - Rotor - Left Side
49	50233	Bearing - Rotor - Right Side
50	OS805512	Oil Seal- Rotor Support
51	CT10201	Bearing Support
52	BM141535	Blade Bolt - 12 x 35 Fine Thread
53	34-78L	Blade - Left
33	34-78R	Blade - Right
54	CT101154	Rotor - RT4
J 4	CT101154 CT101155	Rotor - RT5
	CT101155 CT101156	Rotor - RT6
55	BM101530	Bolt - Bearing support - Right Side
		• • • • • • • • • • • • • • • • • • • •
56	CT10202	End Cap - Rotor Right side
57	BM620	Bolt - End Cap right side
59	CT480202	Gearbox Support Tube - RT4
	CT600202	Gearbox Support Tube - RT5
	CT720202	Gearbox Support Tube - RT6
60	KK58050100	Stand Leg
61	BM101530	Bolt - Stand Bracket
62	KK58050200	Stand Bracket
63	RC300000	R-Clip - Stand
64	YT10660501	Pin - Stand
65	CT20164	Tailgate RT4
	CT20165	Tailgate RT5
	CT20166	Tailgate RT6
66	CT10111	Tailgate Chain assembly
67	CT101044	Rod - Tailgate RT4
	CT101045	Rod - Tail19ate RT5
	CT101046	Rod - Tailgate RT6

PTO Shaft



Pos.	Part #	Description	Qty
1	DP1075-40 DP1075-60	PTO Yoke - Series 40 PTO Yoke - Series 60	1
2	DP1079-40 DP1079-60	Female Yoke and Tube (tractor end) - Series 40 Female Yoke and Tube (tractor end) - Series 60	1
3	DP1076-40 DP1076-60	Cross and Bearings - Series 40 Cross and Bearings - Series 60	2
4	DP1078-40 DP1078-60	Male Yoke and Tube (implement end) - Series 40 Male Yoke and Tube (implement end) - Series 60	1
5	180-510-30 180-510-40 180-510-60	Friction Disc - 4 3/4" OD Friction Disc - 5 1/2" OD Friction Disc - 6 1/4" OD	2
6	DP1074F-40 DP1074F-60	Complete Female End PTO Shielding (tractor end) - Series 20-40 Complete Female End PTO Shielding (tractor end) - Series 60	1
7	DP1074M-40 DP1074M-60	Complete Male End PTO Shielding (implement end) - Series 20-40 Complete Male End PTO Shielding (implement end) - Series 60	1
8	DP1098-30 DP1098-40 DP1098-60	Slip Clutch Complete - 150mm Clutch Slip Clutch Complete - 180 mm Clutch Slip Clutch Complete - 200 mm Cltuch	1
9	147120 147122 147125	Complete PTO - Series 40 - 150mm Slip Clutch Complete PTO - Series 40 - 180mm Slip Clutch Complete PTO - Series 60 - 200mm Slip Clutch	1

WARRANTY REGISTRATION	N FORM & INSPECTION REPORT
WARRANTY REGISTRATION	
This form must be filled out by the dealer and s delivery.	signed by both dealer and customer at time of
Customer nameAddressCity, state, code	AddressCity, state, code
Phone number ()	
Model Serial Num	ber Delivery date
DEALER INSPECTION	REPORT SAFETY
Farm level Wheel bolt tight Fasteners tight Chains adjusted Wiring harness connected Check tire pressures Lubricate machine	All decals installed Reflectors, SMV clean Guards and shields installed Review operating and safety instructions
	bove-described equipment; review included the justments, safe operation and applicable warranty
Date Deale	r's signature
The above equipment and operator's manual harmstructed as to care, adjustments, safe operation	ave been received by me, and I have been thoroughly on and applicable warranty policy.
Date Owne	r's signature

Cherokee Implements P.O. Box 8164 Rocky Mount, NC 27804 Mail to:

LIMITED WARRANTY

Cherokee Implements warrants to the original purchaser of any new Cherokee Implements equipment purchased from an authorized Cherokee Implements dealer, that the equipment be free from defects in material and workmanship for a period of one (1) year for noncommercial, state, and municipalities' use, ninety (90) days for commercial use from date of retail sale. Warranty for rental purposes is thirty (30) days. The obligation of Cherokee Implements to the purchaser under this warranty is limited to the repair or replacement of defective parts.

Replacement or repair parts installed in the equipment covered by this limited warranty are warranted for ninety (90) days from the date of purchase of such part or to the expiration of the applicable new equipment warranty period, whichever occurs later. Warranted parts shall be provided at no cost to the user at an authorized Cherokee Implements dealer during regular working hours. Cherokee Implements reserves the right to inspect any equipment or parts which are claimed to have been defective in material or workmanship.

This limited warranty does not apply to and excludes wear items such as shear pins, tires, tubes knives, blades or other wear items. Oil or grease is not covered by this warranty.

All obligations of Cherokee Implements under this limited warranty shall be terminated if:

- Proper service is not preformed on the machine
- The machine is modified or altered in any way
- The machine is being used or has been used for purposes other than those for which the machine was intended.

DISCLAIMER OF IMPLIED WARRANTIES & CONSEQUENTIAL DAMAGES Cherokee Implements' obligation under this limited warranty, to the extent allowed by law, is in lieu of all warranties, implied or expressed, including implied warranties of merchantability and fitness for a particular purpose and any liability for incidental and consequential damages with respect to the sale or use of the items warranted. Such incidental and consequential damages shall include but not be limited to: transportation charges other than normal freight charges; cost of installation other than cost approved by Cherokee Implements; duty; taxes; charges for normal service or adjustment; loss of crops or any other loss of income; rental of substitute equipment, expenses due to loss, damage, detention or delay in the delivery.



P.O. Box 8164 Rocky Mount, NC 27804 www.CherokeeImplements.com

Tel: 252-442-0700 Fax: 252-442-0787 Sales@CherokeeImplements.com