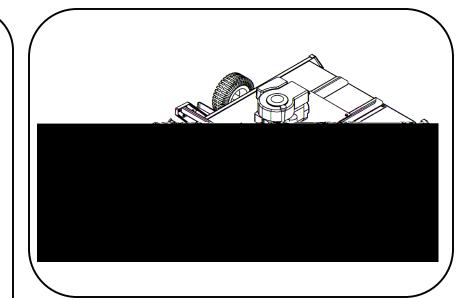


swisherinc.com

OWNER'S MANUAL

MODEL NO. RTB115441 RTB14544





44" ROUGH CUT TRAIL CUTTER

Assembly
Operation
Service and Adjustment
Repair Parts

Rev. 04-357



1602 CORPORATE DRIVE, P.O. BOX 67, WARRENSBURG, MISSOURI 64093 PHONE (660) 747-8183 FAX (660) 747-8650

Manufacturing quality lawn care equipment since 1945

Made In The USA

LIMITED WARRANTY

The manufacturer's warranty to the original consumer purchaser is This product is free from defects in materials and workmanship for a period of two year from the date of purchase by the original consumer purchaser. We will repair or replace at our discretion parts found to be defective due to materials or workmanship. This warranty is subject to the following limitations and exclusions.

ngine Warranty Il engines utilized on our products have a separate warranty extended to them by the individual engine manufacturer ny engine service difficulty is the responsibility of the engine manufacturer and in no ower o nc or its agents responsible for the wav is Swisher warranty The riggs Stratton naine Service ot ine is engine The Tecumseh ngine Service ot ine is The onda ngine Service ot ine is This product is not intended for commercial use and carries no ommercial Use commercial warranty imitation This warranty applies only to products which have been properly assembled adjusted and operated in accordance with the instructions contained within this manual This warranty does not apply to any product of Swisher ower o no that has been subject to alteration misuse abuse improper assembly or installation

shipping damage or xdusions

to normal wear of product xcluded from this warranty are normal wear normal adjustments and normal maintenance

n the event you have a daim under this warranty you must return the product to an authorized service dealer. Il transportation charges damage or loss incurred during transportation of parts submitted for replacement or repair under this warranty shall be borne by the purchaser. Should you have any questions concerning this warranty please contact us toll free at. The model number serial number date of purchase and the name of the authorized Swisher dealer from whom you purchased the mower will be needed before any warranty claim can be processed. THIS WARRANTY DOES NOT APPLY TO ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES AND ANY IMPLIED WARRANTIES ARE LIMITED TO THE SAME TIME PERIODS STATED HEREIN FOR ALL EXPRESSED WARRANTIES. Some states do not allow the limitation of consequential damages or limitations on how long an implied warranty may last so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may have other rights which vary from state to state. This is a limited warranty as defined by the agruson oss ct of

| TABLE O | F CONTE | ENTS | |
|---------|---------|------|----------|
| W TY | UTT | Т | |
| T U T | T U | S T | |
| S TY | S | | |
| SS Y | TS | V | <i>l</i> |
| Т | | | |

Thank you for choosing Swisher's ''Trailcutter efore operating your cutter please read understand and follow all of the safety precautions and other instructions explained in this manual s with all power equipment lawn mowers and cutters can be potentially dangerous if improperly used

SAFETY PRECAUTIONS



This Safety Alert Symbol indicates important messages in this manual. When you see this symbol, carefully read the message that follows and be alert to the possibility of personal injury.

Read this manual completely. This machine can amputate hands and feet, and throw objects. Failure to observe the following safety instructions could result in serious injury or death.

- ead the manual earn to operate this machine safely
- Iways disconnect the spark plug wire and place the wire where it cannot contact the spark plug to prevent aggidental starting the engideon

- Turn off the blades when not cutting efore leaving the machine turn off the blades and stop the engine
- Watch for traffic when operating near or crossing roadways
- o not operate the cutter if it has been dropped or damaged in any manner or if the mower vibrates excessively xcessive vibration is an indication of damage epair cutter as necessary
- ress properly o not operate the cutter when barefoot or wearing open sandals
 Wear only solid shoes with good traction when cutting
- ever allow operation by untrained persons
- o not operate the machine while under the influence of alcohol or drugs
- o not operate on slopes greater than degrees
- ever tamper with safety devices heck their proper operation regularly
- Stop and inspect the equipment if you strike an object epair if necessary before restarting ever make adjustments or repairs with the engine running
- utter blades are sharp and can cut Wrap the blades or wear gloves and use extra caution when servicing them o not operate at too fast a rate
- eturn lever to its vertical position to disengage blades
- The braking system is applied when the blades become disengaged t is designed to bring the blades to a quick stop approximately seconds ach Trailcutter brake system has been tested and calibrated or safety the consumer should not alter the braking system

ASSEMBLY

- isengage spark plug wire and place where it cannot make a connection
- efer to wner's anual p ttach receiver hitch parts to T
- heck engine oil II engines are filled with oil at the factory. Verify oil level and add if necessary before starting engine. See ngine when's anual.
- Verify fuel level and add if necessary before starting engine
- heck the battery if so equipped f battery is put into service after the "month year" of the
 date on the battery then it may need to be charged with a volt battery charger for a minimum
 of hour but no more than hours at a rate of to amps
- ttach battery cable s to battery if so equipped ed wire to positive ST and black wire to negative S
- econnect spark plug wire
- efer to wner's anual p or proper operating procedures

OPERATING YOUR TRAILCUTTER



The operation of any mower can produce foreign objects to be thrown into the eyes resulting in severe eye damage. I ways wear certified safety glasses or wide vision safety goggles over spectacles before staring any cutting machine and while operating such a machine.



The operation of any cutter produces sound waves that are damaging to the human ear ar protection is recommended



CAUTION!

Tragic accidents can occur if the operator is not alert to the presence of children hildren are often attracted to the machine and the mowing activity Never assume that children will remain where you last saw them.

INTENDED USE

The "ugged ut Trail cutter is designed to clear dense areas of grass and cut saplings up to inch thick on meadows and small estates. It is not intended to create a finish cut on lawns. Your Trail cutter should be towed behind an TV golf cart. Lawn tractor or other approved vehicle it is not recommended for speeds exceeding.

ATTACHING TRAILCUTTER TO TOW VEHICLE

- ack vehicle up to desired towing position
- ffset the Trail utter to the side opposite the tow vehicle discharge if any This prevents the tow vehicle from throwing grass into Trail cutter engine
- olt swivel hitch to tow vehicle receiver ftow vehicle has a ball hitch the ball must be removed before swivel hitch can be fastened
- ttach tow hitch and the "" hitch T to the swivel hitch The hitch pin should go completely through both the swivel and "" hitches and clipped to prevent accidental separation heck that all hardware is secure at both the tow vehicle and the Trail cutter

TRANSPORTING CUTTER

- Stop Trail cutter
- lace Trail cutter deck in its highest position
- When transporting unattached from tow vehicle remove spark plug wire and place it where it cannot contact the spark plug

STARTING THE ENGINE

See engine manufacturer's recommendations for the type and amount of oil and fuel used.

- ake sure the tow vehicle parking brake is set mower is level and blades are disengaged ngine must be level to accurately check and fill oil o not overfill
- · heck spark plug wire oil and fuel
- heck all electrical connections for build up of debris
- Set engine idle to "position
- Turn key to the " U " position
- ull rope with a single fluid motion
- V models only Turn key to the "U" position then to the "ST" position
- Set engine idle at maximum for best performance
- Ilow engine to run a few moments before engaging blades

ENGAGING BLADES

Note: o not start the unit with the T handle console in the "ENGAGED" position

- ngage blades by pulling down the Thandle lever into the horizontal position
- eturn lever to the vertical position to disengage blades See detail on page 14 figure 8
- The braking system is applied when the blades become disengaged t is designed to bring the blades to a quick stop approximately seconds ach Trail utter brake system has been tested for safety the consumer should not alter any part of the brake system

STOPPING THE ENGINE

- ake sure the tow vehicle parking brake is set
- isengage cutting blades
- educe engine to idle speed and allow engine to run momentarily for cooling
- Turn key to the "off "position

BREAKING IN YOUR CUTTER

- Set the vehicle parking brake and chock the wheels to prevent accidental rolling
- While the engine is running slowly engage blade control
- n a safe environment i e no children or pets allow blades to rotate and engine to idle for minutes breaking in the belt for a longer life
- Stop cutter



CAUTION: SHUT OFF THE CUTTER ENGINE AND REMOVE SPARK PLUG WIRE FROM SPARK PLUG BEFORE MAKING ANY ADJUSTMENTS TO THE CUTTER.

FRONT TO BACK ADJUSTMENT

or best cutting results the cutter deck should be parallel to the ground. To check parallel adjustment measure the distance from the bottom edge of the deck in both the front and rear of the deck. This adjustment is best done while the tow vehicle and Trailcutter are connected.

- emove bolt and nut from the " " hitch
- aise or lower hitch section to obtain proper front to back adjustment
- onnect bolt and nut in " " hitch securely Then rotate nut counter clockwise ½ turn " " hitch should pivot freely olt must go completely through nut but do not over tighten See figure 2, page 11

CUTTER HEIGHT ADJUSTMENT

- There is approximately inches of height adjustment
- otate height adjust crank handle in a dockwise direction to lower the mower deck counter dockwise direction to lift the mower deck
- ense areas of material should be cut twice
- ush handle down to lock height position

TOW HITCH OFFSET

- When offsetting the cutter do so to the side opposite the discharge of the tow vehicle
- Swisher recommends if the tow vehicle is equipped with a mid mount mower to overlap the cut approximately "This may vary depending on mowing terrain obstacles and or tow vehicle Iways keep safety the first priority
- Iways keep the tow vehicle cutter raised higher than the Trailcutter
- oosen and remove two back side bolts of hitch bar T position hitch bar to desired setting see figure 2,3 page 11 replace bolts making sure to retighten

STARTING TO CUT

- djust the autting height
- ouble check vehicle to cutter attachment
- Start mower engine and set throttle to "ST" for best cutting performance
- Slowly engage T handle lever see figure-8 page 14
- arefully mount tow vehicle and start mowing at a slow travel speed

STOPPING THE CUTTING SESSION

- ring tow vehicle to a complete stop set the parking brake and disengage blades
- Turn key switch to the "position
- Iways remember to remove keys to avoid irresponsible usage

SUGGESTED CUTTING PRACTICES

- perate cutter engine at full throttle to assure the best cutting performance and maximum material discharge
- Ilow wet grass to dry Wet grass will dump and collect under the mowing deck
- utter should be started with tow vehicle in low gear and increased only as safe mowing conditions permit utting speed should not exceed
- utting conditions and the types of grass will vary from place to place. You may
 find when cutting dense areas that the pressure of the wheel tracks may cause the
 grass to be pushed down and not effectively mowed. If this happens you may want
 to mow the area twice. noe with the cutter raised and the second cutting at the
 desired height. The second cutting should be at a right angle from the previous for
 best results.
- educing the travel speed will help cut dense growth. This allows the blades the time necessary to make its initial cut, and regain momentum to continue cutting and discharging debris properly. The engine may stall if you are mowing too fast.
- o not attempt to cut areas that the tow vehicle cannot maneuver through and or slopes that you do not feel comfortable riding

GENERAL RECOMMENDATIONS

The warranty on this cutter does not cover items that have been subjected to operator abuse or negligence. To receive full value from the warranty operator must maintain unit as instructed in this manual.

Some adjustments will need to be made periodically to maintain your unit properly

BEFORE EACH SEASON

new spark plug and dean air filter assure proper air fuel mixture and help your engine run better and last longer

- eplace the spark plug
- lean or replace the air filter
- heck blades and belts for wear

BEFORE EACH USE

- heck engine oil level o this twice to ensure an accurate reading
- heck condition of air filter and dean or replace if necessary
- heck blade operation
- heck for loose fasteners
- ubricate threads of adjustment rod figure -4 page 12

DAILY MAINTENANCE

ake sure all nuts and bolts are tight and cotter pins and retainer springs are secure eep blades sharp been based by been been blades sharp been blades are tight and cotter pins and retainer springs are secure eep blades sharp been blades are tight and cotter pins and retainer springs are secure

GENERAL TROUBLESHOOTING

The unit is not cutting level.

- evel deck heck air pressure of all tires make sure they are equal See tires for maximum inflation
- Without the engine running make certain blades are installed identically

The engine will not start.

- isengage blades turn key switch to the "position check battery and all other electrical connections and inspect spark plug and wire
- ontact engine manufacturer or qualified mechanic

Engine runs poorly.

- See engine manual
- heck the throttle adjuster
- eplace fuel clean fuel filter and fuel line
- heck spark plug and gap

Cutter bounces excessively while towing.

- ower tire pressure
- Tow at a lower speed



IF PROBLEMS PERSIST HAVE A QUALIFIED MECHANIC SERVICE THE CUTTER. NEVER ATTEMPT TO MAKE AN ADJUSTMENT THAT YOU ARE NOT SURE IS CORRECT. DOING SO CAN CAUSE OTHER PROBLEMS.

Mear Vallr

S SAFETY GLASSE

Foresight is bette

SAFETY AND OPERATIONAL DECALS

eplace decal immediately if damaged Swisher ower and achine onc

rder by part number from





SW S









eflector ecal





- Read and follow owner's manual.
- Keep hands and feet away from discharge area and blades.
- Avoid sudden turns, sudden changes in direction, sudden changes in speed.
- Go up and down slopes, not across.
- If machine stops going uphill, stop blade and back słowiy down.
- Look down and behind before and while moving backwards.
- Do not operate when children or others are around.
- Never carry children or others as passengers.
- Reep safety devices, such as guards and deflectors, in place and operating.

 Remove objects that could be thrown by the blade.

 Know safe operating instructions before starting engine

W

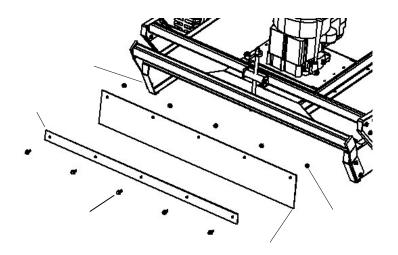




U ST Т TS T SS Y

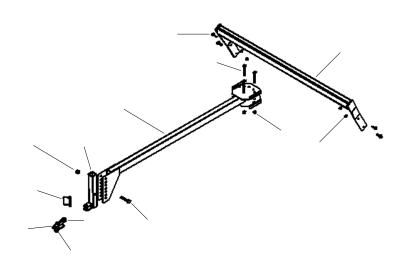
U

| Item# | Description | Part # |
|-------|-----------------------------|---------|
| 1 | 5/16-18 X 1 HCC GR5 ZP | NB501 |
| 2 | Metal Strap For Rubber Flap | 4853TC |
| 3 | Rubber Flapper | 10384 |
| 4 | 5/16-18 Nylock Nut | NB181 |
| 5 | Deck Weldment | 10357TC |



T SS Y

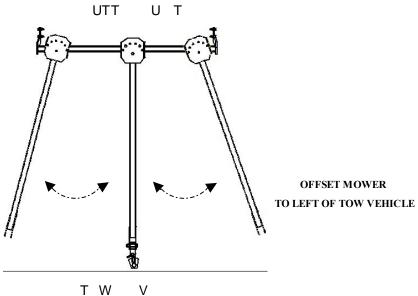
| Item# | Description | Part # |
|-------|----------------------------------|---------|
| 1 | Hitch Bar | 10339TK |
| 2 | 3/8" -16 x 3" GR.5 BOLT | NB164 |
| 3 | L-Hitch | 10388TK |
| 4 | 5/8"-11 X 1-1/2" Bolt | NB145Z |
| 5 | 5/8"-11 Nylock Nut | NB561 |
| 6 | 3/8"-16 Nylock Nut | NB182 |
| 7 | 1/2"-13 X 2-1/2" GR.5 Bolt | NB510 |
| 8 | 1/2"-13 Nylock Nut | NB281 |
| 9 | Safety Hitch Pin | H11 |
| 10 | Swivel Hitch | H10TK |
| 11 | Lift Bar Weldment | 10369TK |
| 12 | 5/16"-18 X 1-1/4" Serr Flng.BOLT | 10548 |
| 13 | 5/16"-18 Nylock Nut | NB181 |



T W T S

See text on page-7 (TOW HITCH OFFSET)

OFFSET MOWER
TO RIGHT OF TOW VEHICLE

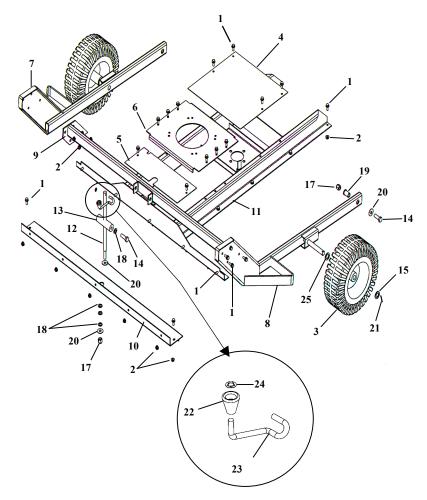


When ordering replacement parts
US T T X

SS V T T X

U

| Item# | Description | Part# |
|-------|----------------------------------|---------|
| 1 | 5/16-18 x 3/4 Serr Flg. Bolt | NB596 |
| 2 | 5/16-18 x Nylock Nut | NB181 |
| 3 | Wheel, Tire, Bearing | 4834 |
| 4 | Back Cover | 10366TK |
| 5 | Front Cover | 10367TK |
| 6 | Motor Base | 10343TK |
| 7 | Axle Bar Weldment Right | 10356TK |
| 8 | Axle Bar Weldment Left | 10355TK |
| 9 | Front Tube Weldment | 10342TK |
| 10 | Deck Front | 10368TC |
| 11 | Deck Top Weldment | 10353TC |
| 12 | Height Adjust Rod | 4006 |
| 13 | Pivot Block | 4007TK |
| 14 | 1/2"-13 X 1 1/2" HTC GR2 ZP | NB588 |
| 15 | 3/4" ID X 1 1/4" OD 18 GA Washer | NB179 |
| 17 | 1/2"-13 Nylock Nut | NB281 |
| 18 | 1/2" NR Mach Bushing 14 GA | NB177 |
| 19 | SPACER | 10290 |
| 20 | Washer | NB149 |
| 21 | 1/8" x 1" Cotter Pin | NB126 |
| 22 | Plastic Knob | H7K |
| 23 | Crank Rod | ES214 |
| 24 | Plow Nut | NB276 |
| 25 | 13/16" X 1 1/4" X 1/8" Washer | NB195 |
| 26 | 5/16-18 x 1" Serr. Flng.Bolt | 10548 |
| 27 | 3/4" ID x 1-1/4" OD Washer | NB179 |

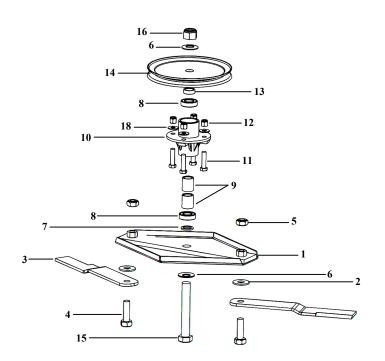


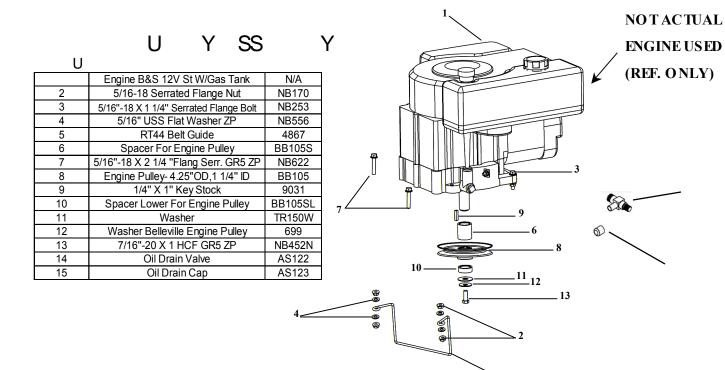
V SS Y

| ι | J | |
|---|---|--|
| | | |

| U | | |
|--------|--------------------------------------|---------|
| Item # | Description | Part # |
| 1 | Stump Jumper Weldment | 4859TK |
| 2 | 3/4 " Washer ZP | NB179 |
| 3 | Blade | 10289 |
| 4 | 3/4"-10 X 2 1/2 "GR8 Bolt | NB611 |
| 5 | 3/4-10 Nyloc Nut | NB609 |
| 6 | 1"ID X 2"OD X 14GA Bellville Washer | NB738 |
| 7 | 1" X 1 1/2" 10GA Washer Hardened PLN | NB614HT |
| 8 | Blade Bearing | 4845 |
| 9 | Tube Spacer | 4049 |
| 10 | Blade Driver | 4858TK |
| 11 | 1/2"-13 X 2" HCC GR5 ZP | NB509 |
| 12 | 1/2"-13 Nylock Nut | NB281 |
| 13 | Spacer | BB105SL |
| 14 | Blade Pulley- 10.3125" | 4846 |
| 15 | 1"-8 X 7 1/2" GR8 ZP | NB601 |
| 16 | 1"-8 Nylock Nut ZP | NB612 |
| 17 | Blade Driver Complete | 4872 |
| 18 | 1/2 Flat washer | NB555 |

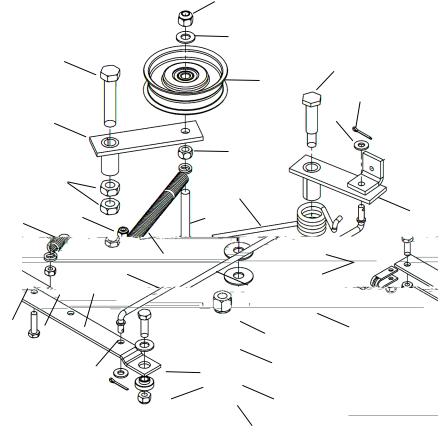
 $\begin{array}{ccccc} \underline{When\ ordering\ replacement\ parts} \\ & US & T \\ T & T & X & S & S & V & T & T & X \end{array}$





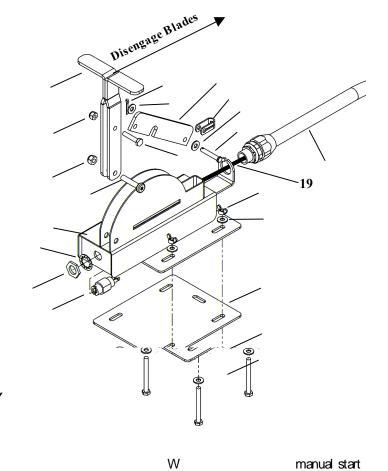
 $_{\mathsf{U}}^{\mathsf{T}}$

| Item# | Description | Part # |
|-------|--------------------------------|---------|
| 1 | 1/2"-13 X 2 1/2" HCC GR5 ZP | NB510 |
| 2 | ldler Arm | 6681TK |
| 3 | 1/2"-13 2-Way Jam Lock Nut | NB121 |
| 4 | 1/4"-20 Nylok Nut | NB180 |
| 5 | 1/4"-20 X 3/4" GR5 ZP | NB250 |
| 6 | Clutch Cable Clevis | 9023mod |
| 7 | Belt Engage Arm | 4898TK |
| 8 | 1/4"-20 X 1" HCC GR5 ZP | NB102 |
| 9 | 1/4" SAE Washer | NB274 |
| 10 | 5/64" X 3/4"Cotter Pin | NB519 |
| 11 | 5/16"-18 Nyloc Nut | NB181 |
| 12 | Spacer | B99S |
| 13 | 3/8" Hardened Washer | NB196 |
| 14 | 5/16"-18 X 1" HCC GR5 ZP | NB501 |
| 15 | 3/8-16 Nyloc Nut | NB182 |
| 16 | Washer Belleville | 699 |
| 17 | Brake Arm Assembly | 4893 |
| 20 | 1/2" X 1-9/16" Shoulder Bolt | NB220 |
| 21 | Torsion Brake Spring | 9040 |
| 22 | Brake Rod | 4891TK |
| 23 | 1/4"-20 HX Nut ZP | NB139 |
| 24 | Clutch Rod Spring | 682S |
| 25 | 3/8"-16 X 2 1/2" HTC GR5 ZP | NB619 |
| 26 | 3/8"-16 HNC GR2 ZP | NB212 |
| 27 | ldler Pulley OD-3.25", ID-3/8" | B527 |
| 28 | 3/8" SAE Washer | NB272 |
| | O/O O/ LE WASHEI | |
| 29 | 3/8"-16 Nyloc Nut | NB182 |



| S | SS | Υ |
|---|----|---|
| П | | |

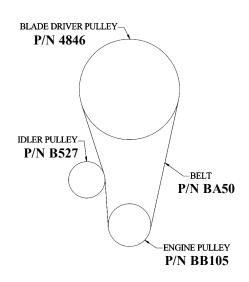
| Item# | Description | Part# |
|-------|------------------------------|---------|
| 1 | T Handle for Console | 4463TK |
| 2 | 1/4-20 Nylok Nut | NB180 |
| 3 | 5/16-18 Nyloc Nut | NB181 |
| 4 | 5/16-18 X 1 1/2 Torx Pan ZP | NB591 |
| 5 | Console Weldment | 4575TK |
| 6 | Key Switch Lock Washer | 9088 |
| 7 | Key Switch Nut | 9087 |
| 8 | Key Switch ON-OFF, 2 Prong | KSM |
| | Key Switch (12-VOLT) | 3623 |
| 9 | 1/4-20 X 2 1/2 HCC GR2 ZP | NB141 |
| 10 | 1/4 SAE Washer | NB274 |
| 11 | Console Mount Plate | 4852TK |
| 12 | 1/4-20 Wing Nut ZP | NB608 |
| 13 | 1/4 X 1 1/2 Clevis Pin | NB518 |
| 14 | 1/4-20 X 1 1/4 HCC GR5 ZP | NB560 |
| 15 | Clutch Cable Clevis | 9023MOD |
| 16 | Link for Console | 4461TK |
| 17 | 3/32 X 3/4 Cotter Pin | NB597 |
| 18 | Wiring Harness B&S (RECOIL) | 10385 |
| | Wiring Harness B&S (12-VOLT) | 10299 |
| 19 | Engage Cable | BR20CC |



U

T U Y

U



RED

GREEN

GROUND

KILL

GREEN

GROUND

KEY SWITCH

ENGINE

V T

U

Block Engine Kill

Red

Fuse

Red

White

Green

 $\begin{array}{cccc} \underline{\text{When ordering replacement parts}} \\ \underline{\text{US}} & \text{T} \\ \text{T} & \text{T} & \text{X} & \text{S} & \text{S} & \text{V} & \text{T} & \text{T} & \text{X} \\ \end{array}$

REPAIR PARTS

Your d'Trailcutter las been produced with components designed specific to this machine. Ithough standard V belts springs bearings

| Item # | Description | Part# |
|-----------------|-----------------------------------|----------|
| Not Shown | M6-1.0 Nut Yellow Zinc | NB600 |
| Not Shown | Solenoid Assembly | 9043 |
| Not Shown | Battery Hold Down, 15" Tarp Strap | BHOLD |
| Not Shown | Battery Cable (Black 10") | BCS |
| Not Shown | Battery Cable (10" Red) | BCSR |
| Not Shown | Battery Cable Small Rubber Boot | BCBT |
| Not Shown | Battery Pad | BATPAD |
| Sold Separately | Battery (U1R) | N/A |
| Not Shown | 12 volt Wiring Harness (Engine) | WHRT44-2 |
| Not Shown | 12 volt Wiring Harness (Console) | 10299 |

 $\frac{ \text{When ordering replacement parts}}{ \text{US} \quad \text{T} \quad \text{T} \quad \text{X} \qquad \text{S} \quad \text{S} \quad \text{V} \quad \text{T} \quad \text{T} \quad \text{X} }$



OWNER'S MANUAL

MODEL NO. RTB115441 RTB14544

44"ROUGH CUT TRAILCUTTER

ach mower has its own model number ach engine has its own model number. The model number for the mower will be found on the right hand side of the motor mount. The model number for the engine will be found on the top of the blower fan housing.

Il mower parts listed herein may be ordered directly from Swisher ower achine onc or your nearest Swisher dealer

Il engine parts may be ordered from the nearest dealer of the engine supplied with your mower

| W W | TS S T V | V T |
|-------------------|-------------|-----|
| U T - S U U | '' T UTT | |
| TY T U | U | |
| T S | Т | |

T X

W

S WIS HER MOWER & MACHINE CO., INC.

T V X

T V

www swisherinc com

SU



SW S

W