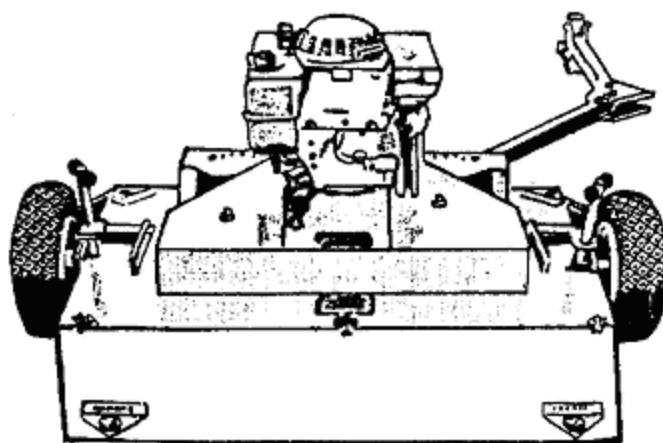




# SAFETY INSTRUCTIONS AND OPERATIONS MANUAL

IMPORTANT INFORMATION  
DO NOT THROW AWAY  
READ CAREFULLY



## **T40 and T40B**

SWISHER MOWER AND MACHINE CO., INC.  
P. O. Box 67, Warrensburg, Missouri 64093  
Phone 816-747-8183

# IMPORTANT SAFETY INSTRUCTIONS

**WARNING:** This powerful cutting machine is capable of amputating hands and feet and can throw objects that can cause injury and damage! Failure to observe the following safety instructions could result in serious injury. Carefully read this manual and question your dealer if something is not clear. Should the dealer be unable to answer to your satisfaction, write or call the Customer Service Department at Swisher Mower & Machine Co. Inc., 333 E. Gay St., Warrensburg, Mo. 64093. (Phone 816-747-8183).

## PROTECTION FOR CHILDREN

1. DO NOT allow children in yard when machine is operated.
2. DO NOT allow children to ride on machine or on attachments.
3. DO NOT allow pre-teenage children to operate machine.
4. Only responsible teenagers with mature judgement shall be allowed to operate machine and only under close supervision.

## PROTECTION AGAINST TIPOVERS

1. DO NOT operate machine on slopes exceeding 15° (27% grade).
2. On slopes above 10° (18% grade); exercise extreme caution; shift into LO gear beforehand, turn blade OFF when traveling uphill; reduce speed to No. 1 positions, avoid sharp turns.
3. Avoid uphill starts. If machine is stopped going uphill, turn blade off and back slowly down the slope.
4. DO NOT mow under any condition where traction or stability is doubtful without first test driving over the terrain with blade OFF.
5. Stay alert for holes and other hidden hazards and keep away from ditches, washouts, culverts, fences and protruding objects.
6. DO NOT mow back and forth across face of slopes.
7. KEEP A SAFE DISTANCE (at least three feet) away from edge of ditches and other drop offs.

## OTHER IMPORTANT PRECAUTIONS

1. Read and follow operator's manuals and instructions furnished with attachments.
2. Only mature, responsible persons shall operate the machine.
3. Wear appropriate protective clothing when mowing such as long pants and substantial footwear, not barefoot or with open sandals.
4. Practice operation of machine with blade OFF to learn controls and develop skill.
5. Persons under the influence of alcohol or drugs must not operate machine.
6. Know how to stop blade and engine quickly in preparation for emergencies.

7. Keep people and pets a safe distance from machine.
8. Shields, deflectors, switches, blade controls and other safety devices must be in proper position and functional.
9. Clear area to be worked of wire, rocks and other objects that could cause injury if thrown by blade.
10. Keep hands and feet away from rotating blade underneath deck. Never place foot on ground while blade in ON or when machine is in motion!
11. Turn blade OFF, stop engine and wait for blade to stop before attempting to unclog grass or leaves to prevent loss of fingers or hand.
12. Blade must be switched OFF except when cutting grass. Set cutter in highest position when mowing over rough ground.
13. Deflector or grass catcher must be in position. Never point discharge at people, passing cars, windows or doors. Watch out for traffic when crossing or near roadways.
14. Service machine and make adjustments only when engine is stopped.
15. Have machine serviced by an authorized Swisher dealer at least once a year and have the dealer install any new safety devices.
16. Tighten all nuts, bolts, screws, frequently.
17. Lubricate machine at intervals specified in manual to prevent controls from binding.
18. Mow only in daylight or with good artificial light.
19. Handle gasoline with care! Never remove cap while engine is running. Fill tank outdoors only with engine stopped and cool. Clean spilled gasoline from machine. Store gasoline in approved container, out of the reach of children, in well ventilated, unoccupied building.
20. DO NOT change engine governor speed settings or overspeed engine.
21. Check grass catcher components frequently for signs of wear or deterioration and replace as needed to prevent injury from items going through weak or worn spots.

## Trailmower Maintenance and Safety Hints

**Make sure that your mower is in safe working condition by following the guidelines below.**

1. Keep your Trailmower in good operating condition and keep safety guards, shields, and switches in place. DO NOT operate a mower if any of these devices are missing.
2. Regularly check all nuts, bolts, and screws for secure fit to keep equipment in safe working condition. Adjust if necessary.
3. Keep engine free of grass, leaves, or excessive grease to reduce fire hazard.
4. DO NOT operate mower with a damaged or missing muffler or tamper with the exhaust system as this may create a fire hazard.
5. DO NOT operate engine if air cleaner or the cover directly over the carburetor air intake is removed. Removal of these parts could create a fire hazard.
6. Before cleaning, making adjustments or repairing a mower, stop engine and disconnect spark plug wire. Allow engine to cool before performing any service.
7. To ensure an even cut, all tires should be inflated to 35 lbs PSI (pounds per square inch)
8. Handle gasoline with care. DO NOT smoke or use open flame near gasoline. Use only approved containers. Never fuel or run a mower in a poorly ventilated area, such as a garage or utility building. Never add gasoline to a hot engine-allow a few minutes for cooling. Always replace fuel cap. Clean up any spilled gasoline before operating mower.
9. The Trailmower wheels may be lubricated with common motor oil by placing a few drops on each wheel bearing. The blade bearings are sealed, and do not require further lubrication.

### ADJUSTMENTS

**To avoid the possibility of serious bodily injury, before performing adjustments, maintenance, or lubrication, stop engine and disconnect spark plug wire(s) from plug(s).** At no time during maintenance or adjustments can the mower be lifted more than 20 inches from the level position without taking the following caution:

1. Remove gasoline from tank and run engine until carburetor is dry.
2. Remove battery (if applicable).
3. Remove oil from crankcase.

Use extreme care when making adjustments that require the engine to be running. Keep hands, feet, hair, and loose clothing away from all moving parts. All adjustments except those to the engine should be done with the engine not running and the spark plug wire disconnected. Use of replacement parts other than Genuine Swisher Parts could cause mechanical failure and result in property damage and personal injury. To avoid the possibility of serious personal injury, do not at any time attempt to lift the unit by grasping the blade housing.

### BLADE REPLACEMENT

The cutting edges of the mower blades are sharp and can lacerate (cut) skin tissue even when not in motion. Care should be taken when doing any repair work on or near the blades.

To prevent injury, DO NOT handle blade with bare hands. It is recommended that gloves be worn or the cutting edge be wrapped several times with newspaper or any other suitable material when working on or near mower blades. AT NO TIME should an attempt to adjust or remove the mower blades be made while the engine is running.

### STORAGE

Never store engine with fuel in tank indoors or in an enclosed, poorly ventilated area where fuel fumes may reach an open flame, spark, or pilot light as on a furnace, water heater, clothes dryer, etc.

Handle Gasoline carefully. It is highly flammable and careless use could result in a fire, causing personal injury and property damage. Always drain fuel into an approved container outdoors, away from open flame.

## General Information and Setup Cont.

The tongue height on the T-40 should be adjusted with both the tow vehicle and the Trailmower sitting on a hard, level surface. Start by placing the cutting deck in the lowest position that will be utilized. Next, adjust the tongue so that the cutting deck is no more than a 1/4" lower in front than in back when hitched to the tow vehicle. (Not required on T-60 Models) The anti-scalp roller should not be positioned to rest against the ground at all times.

Quick-height adjustment handles are located on each side. To change cutting height, turn adjustment handles clockwise to raise the deck, or counterclockwise to lower the cutting deck. Further height adjustment can be attained by removing the Blade Nut (#B108) from the blade shaft (#B100). Remove and replace the blade spacers above or below the blade, depending on whether a increase or decrease in blade height is desired. **THE SPARK PLUG WIRE SHOULD BE DISCONNECTED TO PREVENT POSSIBLE INJURY BEFORE EVER ATTEMPTING TO HANDLE LAWN MOWER BLADES.**

Remember, when reinstalling lawn mower blades, be sure the turned up portion is facing up. Be sure to replace the Blade Nut Lock Washer (#B108LB) before tightening the Blade Nut (#B108). **THIS IS VERY IMPORTANT!**

## Tow Hitch Setup and Operation

Attach swivel hitch (#H10) to the ATV or towing vehicle drawbar. The T-40 hitch (#H1) should be attached to the swivel hitch with spring pin (#H11). The Safety Cord (#H9A) should extend from the ON/OFF switch of the mower to the towing vehicle and should be securely tied to the frame of the tow vehicle in an area and position that is easy to reach from the operator's position. This provides a quick shut off to the engine if necessary. **YOUR TRAILMOWER SHOULD NEVER BE OPERATED WITHOUT THE SAFETY CORD IN PLACE AND WORKING PROPERLY.**

## Mowing with your Trailmower

For best results your Trailmower should be operated at a speed consistent with grass height, thickness, and moisture content. This normally would not exceed 3 MPH or 260 feet per minute.

Blade engagement can be made at any engine speed sufficient to maintain appropriate rpm to prevent engine stalling. Once you have started the engine and consistent running has been established, engaging blades is easily done by moving the blade engagement lever (BT6) forward into the "engaged" position. **IMPORTANT: KEEP HANDS AND FEET FROM UNDER THE MACHINE WHILE MOTOR IS RUNNING.**

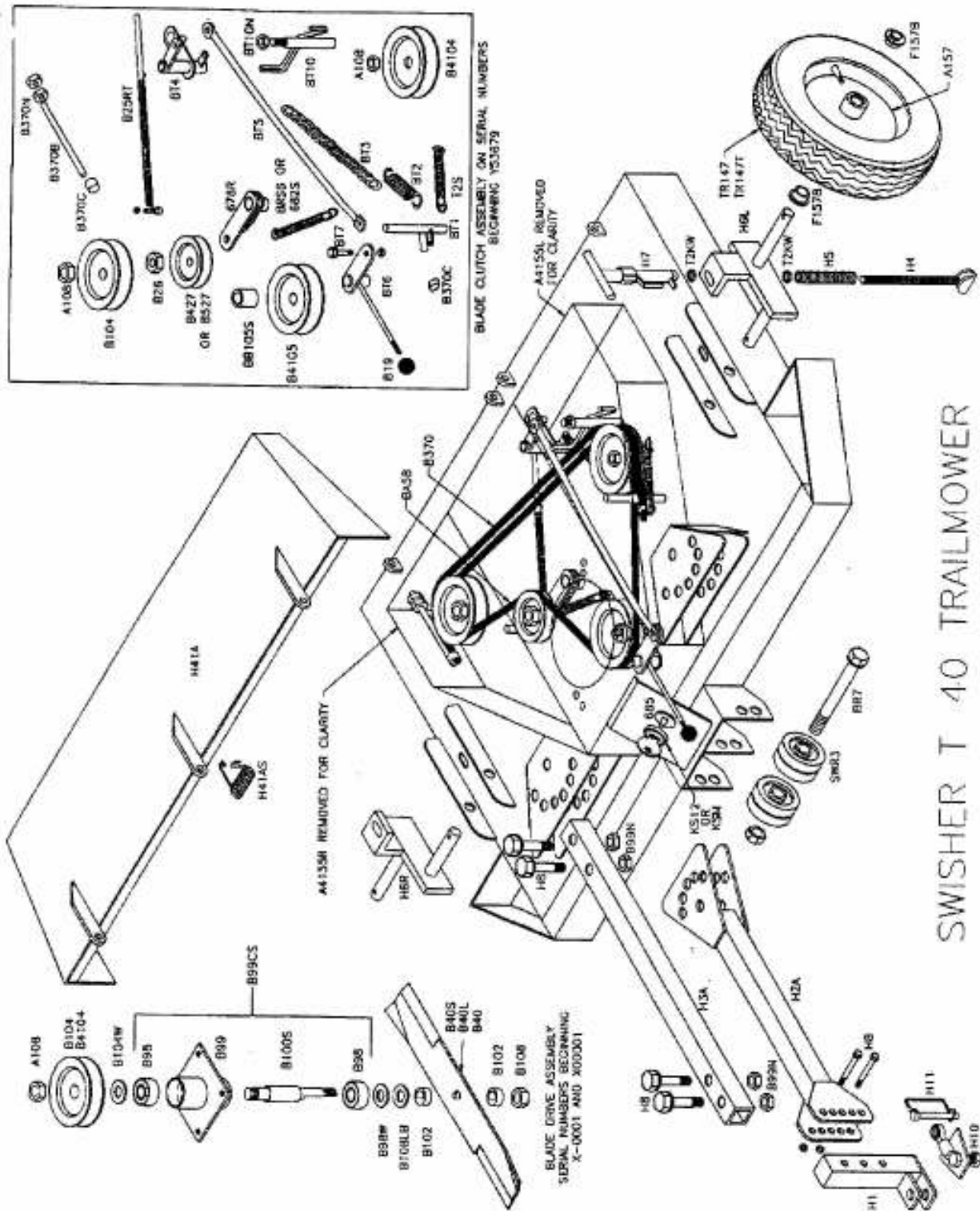
Generally, maximum engine rpm is desired to provide adequate blade speed for smoothly cutting grass.

When mowing heavy grass, the unit may occasionally become clogged. All that is required is to stop the forward motion of the mower, and allow the blades to clear themselves. Best results in mowing heavy grass are obtained by not attempting to cut a full swath at one time. This is necessary only under extreme conditions. In the event the mower becomes bogged down and the engine is stopped, pull into a mowed area to restart. This prevents unnecessary wear on the blade belt. **DO NOT ATTEMPT TO CLEAR THE BLADES WITH YOUR HANDS WITHOUT FIRST DISCONNECTING THE SPARK PLUG WIRE TO PREVENT ACCIDENTAL STARTING AND PERSONAL INJURY.**

When mowing medium and light grass mow in a clockwise pattern so that the grass clippings will be windrowed on the left. During each lap, the clippings will be recut, creating a mulch, which is less visible. This procedure works exceptionally well with leaves, and helps to replenish your lawn with nutrients.

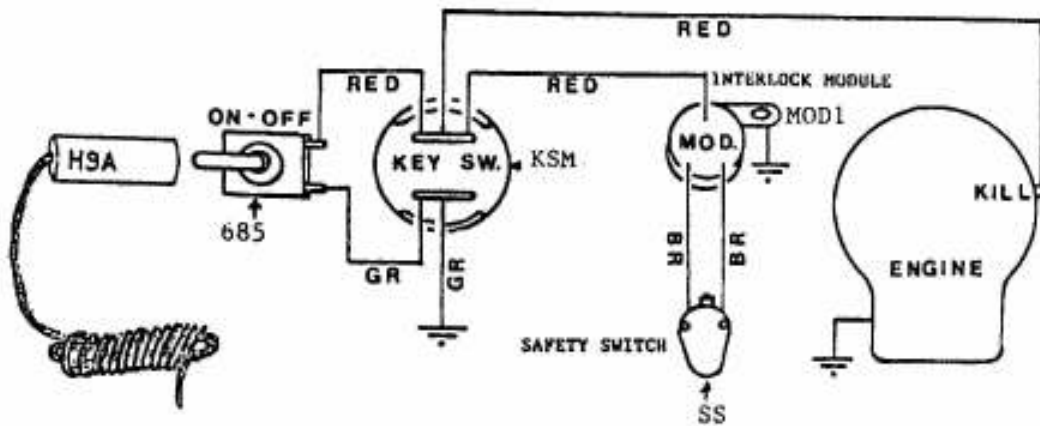
The Blade Clutch Control Lever (BT6) is used to engage and disengage the mower blades. It is located on the front of the mower when viewed from the rear. Become familiar with the operation of this lever before attempting to operate your new Swisher Trailmower. **REMEMBER TO ALWAYS KEEP YOUR HANDS AND FEET AWAY FROM THE MOWER WHILE THE MOWER IS RUNNING. ALWAYS SELECT AN OPEN UNOBSTRUCTED AREA IN WHICH TO INITIALLY OPERATE THE MOWER UNTIL BECOMING FAMILIAR WITH ITS OPERATION.** To engage the mower blades, grasp the Blade Clutch Control Lever and move it towards the engine. To disengage, move the Blade Clutch Control Lever away from the engine.

# SWISHER T 40 TRAILMOWER

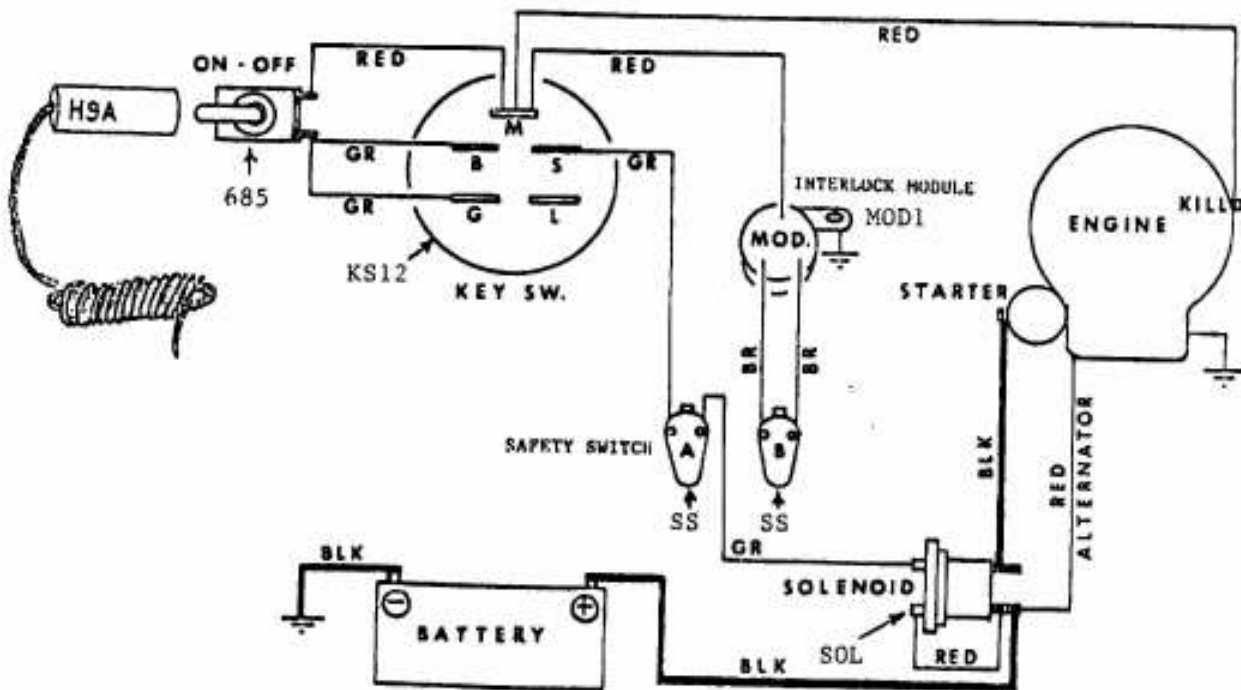


## T-40 TRAILMOWER PARTS LIST

|        |   |        |   |
|--------|---|--------|---|
| 678    | Idler Arm   | F157B  | Wheel Bearing                               |
| 685    | Kill Switch   | F4157  | Wheel, Tire, Tube, & Bearing                |
| A30    | Arm Assembly  | H1     | Hitch, Vertical Front-End                   |
| A108   | Upper Nut for Blade Shaft                           | H2A    | Hitch, Center Section                       |
| A157   | Wheel   | H3A    | Hitch, Rear Section                         |
| A4155L | Belt Cover, LeR                                     | H4     | Height Adj. Bolt                            |
| A4155R | Belt Cover, Right                                   | H5     | Height Adj. Spring                          |
| BRS6   | Blade Return Spring                                 | H6L    | Height Adj. Arm, Left                       |
| BRS6H  | Wire Link for BRS6 to Idler                         | H6R    | Height Adj. Arm Right                       |
| B19    | Knob  | H7     | Height Adj. Tube "T" Handle                 |
| BR20   | Idler Control Assembly                              | H8     | Heat-treated Bolt 5/16"x2 1/4"              |
| BT10   | Brake Belt Guide                                    | H9A    | Safety Cord & Clip (T-40)                   |
| B21    | Shoulder Bolt                                       | H10    | Hitch Swivel                                |
| B25R   | Idler Control Rod & Spring                          | H11    | Hitch Safety Pin                            |
| B25RT  | Engagement Rod                                      | H40    | Frame                                       |
| B26    | Nut   | H41A   | Guard                                       |
| B28    | Bolt (for Idler Pulley)                             | H41AS  | Grass Chute Spring                          |
| B40    | Blades, Pair  | MOD 1  | Module for Briggs Engine                    |
| B40L   | Long Blade 22"                                      | MOD 2  | Module for Tecumseh Engine                  |
| B40S   | Short Blade 18"                                     | KSM    | Key Switch Manual/Recoil Starter            |
| BA58   | Blade Belt  | KS12   | Key Switch 12 Volt Starter                  |
| B98    | Blade Bearing                                       | R7     | Roller 7"                                   |
| B98W   | Washer  | RS7    | Roller Spacer                               |
| B99    | Blade Bearing Housing                               | SOL    | Solenoid                                    |
| BB99C  | Housing, Bearings, Shaft                            | SS     | Safety Switch                               |
| B99CS  | Housing, bearings, with B100s shaft                 | SWR3   | Anti Scalp Roller 2" Serial No. X Through Y |
| B100   | Blade Shaft Length 6 7/8"<br>Serial No. N through U | T2KW   | Hardened Steel Washer                       |
| B100S  | Blade Shaft Length 6 3/8"<br>Serial No. V through X | TR147  | Tire  |
| B101   | Blade Spacer- 1/4"<br>Serial No. N through U        | TR147T | Tube  |
| B102   | Blade Spacer- 1/2"                                  |        |   |
| B103   | Blade Spacer- 1"<br>Serial No. N through U          |        |   |
| B104   | Blade Pulley  |        |   |
| B 108  | Blade Nut   |        |   |
| B108LB | Spring Washer                                       |        |   |
| B108L  | Lock Washer   |        |   |
| B370   | Brake Belt  |        |   |
| B370B  | Threaded Rod  |        |   |
| B370C  | Clamp   |        |   |
| B370N  | 5/16 X 18 Nut                                       |        |   |
| B4104  | Blade Pulley, Left                                  |        |   |
| B4 105 | Engine Pulley                                       |        |   |
| B4105S | Spacer for Engine Pulley                            |        |   |
| B427   | Idler Pulley pre ser #Y54491                        |        |   |
| B527   | Idler Pulley ser #Y54492 and later                  |        |   |
| BR7    | Bolt for Roller                                     |        |   |
| BT1    | Brake Pivot   |        |   |
| BT2    | Brake Spring  |        |   |
| BT3    | 8" Brake Chain, Stainless                           |        |   |
| BT4    | Blade Engage Control                                |        |   |
| BT5    | Blade Engage Arm                                    |        |   |
| BT6    | Blade Engage Lever                                  |        |   |
| BT7    | 5/16 x18 x 1 Bolt                                   |        |   |
| BT8    | Spacer 4 3/4"                                       |        |   |
| BT9    | 3/8 X 16 X 5 1/2 Bolt                               |        |   |



T40, T60 PULL START



T40, T60-12V. BATTERY START



## LIMITED WARRANTY

The manufacturer warranty to the original consumer purchaser is this product is free from defects in materials and workmanship. For a period of one (1) 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:

- 1) **Engine Warranty** All engines utilized on our products have a separate warranty extended to them by the individual engine manufacturer. Any engine service difficulty is the responsibility of the engine manufacturer and in no way is Swisher Mower Co., Inc. or its agents responsible for the engine warranty. The Briggs & Stratton Engine Service Hot-Line is 1-800-233-3723.
- 2) **Commercial Use** The warranty period for any product used for commercial or rental is limited to ninety (90) days from the date of original purchase.
- 3) **Limitations** 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 Mower Co., Inc., that has been subject to alteration, misuse, abuse, improper assembly or installation, shipping damage, or to normal wear of the product.
- 4) **Exclusions** Exclusions from this warranty are normal wear, normal adjustments, and normal maintenance.

In the event you have a claim under this warranty, you must return the product to an authorized service dealer. All transportation charges on, and damage and 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 1-800-748-7

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 Magnuson-Moss Act of 1975.

**THE FOLLOWING OPERATING INSTRUCTIONS SHOULD BE READ THOROUGHLY BEFORE ATTEMPTING TO OPERATE A SWISHER TRAILMOWER. THE ENGINE MANUFACTURER- SUPPLIED MANUAL SHOULD BE THOROUGHLY READ AND THE ENGINE SERVICED WITH THE RECOMMENDED GRADE OF OIL BEFORE ATTEMPTING TO OPERATE YOUR NEW SWISHER TRAILMOWER.**

### General Information and Setup

Your Trailmower is a universal pull-behind lawn mower. It features an adjustable hitch that enables it to be utilized with any ATV or riding mower. The hitch may be offset to either side, allowing the operator to mow an additional swath. All models of Trailmowers feature a low-profile design, which when offset, allow mowing under low-hanging trees and bushes. This feature is also makes the Trailmower ideal for mowing pond banks. As with all machinery, care should be exercised when mowing on banks or inclines.

**THIS MOWER IS NOT FOR MOWING INTO ROCKS, TWIGS, STUMPS, BRUSH OR ANY OTHER MATERIAL OR OBJECTS OTHER THAN GRASS.**

SWISHER MOWER AND MACHINE CO., INC.  
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