

OPERATOR'S MANUAL



**Model Series
530**

IMPORTANT: READ SAFETY RULES AND INSTRUCTIONS CAREFULLY

Warning: This unit is equipped with an internal combustion engine and should not be used on or near any unimproved forest-covered, brush-covered or grass-covered land unless the engine's exhaust system is equipped with a spark arrester meeting applicable local or state laws (if any). If a spark arrester is used, it should be maintained in effective working order by the operator. In the State of California the above is required by law (Section 4442 of the California Public Resources Code). Other states may have similar laws. Federal laws apply on federal lands. A spark arrester for the muffler is available through your nearest engine authorized service dealer or contact the service department, P.O. Box 368022 Cleveland, Ohio 44136-9722.

CRAFTSMAN PRODUCTS INC. P.O. BOX 368022 CLEVELAND, OHIO 44136-9722

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SECTION 1: IMPORTANT SAFE OPERATION PRACTICES



WARNING: THIS SYMBOL POINTS OUT IMPORTANT SAFETY INSTRUCTIONS WHICH, IF NOT FOLLOWED, COULD ENDANGER THE PERSONAL SAFETY AND/OR PROPERTY OF YOURSELF AND OTHERS. READ AND FOLLOW ALL INSTRUCTIONS IN THIS MANUAL BEFORE ATTEMPTING TO OPERATE YOUR EDGER. **FAILURE TO COMPLY WITH THESE INSTRUCTIONS MAY RESULT IN PERSONAL INJURY. WHEN YOU SEE THIS SYMBOL HEED ITS WARNING.**



WARNING: The Engine Exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.



DANGER: Your edger was built to be operated according to the rules for safe operation in this manual. As with any type of power equipment, carelessness or error on the part of the operator can result in serious injury. If you violate any of these rules, you may cause serious injury to yourself or others.

1. TRAINING AND PREPARATION

- Read the operator's manual carefully. Be thoroughly familiar with the controls and proper use of the equipment. Know how to disengage the blade control and stop the unit quickly.
- Never allow children to operate equipment. Never allow adults to operate equipment without proper instruction.
- Keep the area of operation clear (at least 50 feet) of all persons, especially small children and pets.
- Use the edger only as manufacture intended and as described in the operator's manual.
- Do not operate edger after it has been dropped or damaged.
- Return product to nearest authorized service facility for examination and repair. Do not operate product with damaged or excessively worn cutting blade.
- Dress properly-always wear safety glasses or goggles. Always wear safety footwear, and pants or slacks that cover your legs to reduce the risk of injury that may be caused by flying debris. Do not wear loose clothing or jewelry that can be caught in moving parts. Use of gloves and substantial footwear is recommended when working outdoors. Do not operate edger when barefoot or wearing sandals or open-toed shoes. Wear boots, preferably with steel-toe caps.
- Objects struck by the blade can cause severe injuries to persons. The work area should always be carefully examined and cleared of all stones, sticks, wires, bones and other foreign
- objects, prior to edging.
- Never attempt to make any adjustments, other than depth of cut, while engine is running.
- The use of accessory attachments not recommended by the manufacturer may cause hazard and will void warranty.
- Never operate the edger without proper guards, plates or other safety protective devices in place.
- Turn engine off and disconnect spark plug wire:
 - When not in use.
 - Before servicing, cleaning and the like.
 - Before changing accessories.
- Handle fuel with care; it is highly flammable
- Extinguish all smoking materials and other possible sources of ignition.
- Use a fuel container acceptable for the purpose.
- Never add fuel to a running or hot engine.
- Fill fuel tank outdoors with extreme care. Never fill fuel tank indoors.
- Replace gasoline cap securely.
- If fuel is spilled, move product and fuel container from area and do not create a source of ignition. Wipe up spilled fuel.

2. OPERATION

- Make sure all nuts, bolts, and screws are kept tightly in place, especially the blade and all guards.
- Start the engine carefully. Make certain the blade is disengaged before attempting to start. Keep hands, feet, clothing, and the like well away from cutting blade and moving parts.

DANGER: ROTATING CUTTING BLADE

- Keep both hands on handles when blade is rotating.
- Keep feet away from cutting area.

- Make sure engine is off and spark plug wire is disconnected when clearing jammed material from blade.
- Do not attempt to remove cut material nor hold material to be cut when engine is running or when cutting blade is moving.

CAUTION: CUTTING BLADE COASTS AFTER ENGINE IS TURNED OFF.

- Stay alert. Watch what you are doing. Use common sense.
- Do not operate edger when fatigued or under the influence of alcohol, drugs or heavy medication.
- Never operate the product without good visibility or light.
- Keep good footing and balance at all times. Do not overreach or stand on unstable support.
- Do not force or abuse product. It will do the job better and safer at the rate for which it was designed.
- Do not operate engine above speed necessary to do the job.
- Do not run the engine indoors; exhaust fumes are dangerous.
- Never direct discharge of material towards bystanders nor allow anyone near the area of operation. Use care in directing discharge to avoid glass enclosures, automobiles, and the like.
- Stay alert for uneven sidewalks, holes in terrain or other similar conditions when using product. Always push slowly over rough ground. Do not use the product on graveled surfaces.
- Do not operate edger in rain or wet locations.
- Always operate edger from behind the upper handle and position yourself where line of sight to cutting blade is blocked by guards.
- After striking a foreign object, shut off the engine, make absolutely sure the blade and all moving parts have completely stopped, disconnect the spark plug wire to prevent accidental starting, then thoroughly inspect the unit for any damage. Such

damage must be repaired before restarting and operating the edger. Remember, heavy vibration is generally a sign of trouble.

- Always stop engine when edging or trimming is delayed or when walking from one location to another.
- Stop the engine, wait for blade and all moving parts to stop before cleaning, adjusting, repairing or inspecting the product.
- Always disconnect spark plug wire to prevent accidental starting.
- Muffler and engine become hot during operation and can cause a burn. Allow to cool down before touching.
- Take all possible precautions when leaving the product unattended. Disengage the blade, stop the engine and disconnect spark plug wire.

3. MAINTENANCE AND STORAGE

STORE PRODUCT INDOORS

- When not in use, store product indoors in a dry place, locked or otherwise inaccessible to children.
- Maintain product with care.
- Follow maintenance instructions given in this manual for your product.
- To reduce the risk of injury and engine failure, do not allow excessive grass, leaves or other debris to accumulate on or in the edger. Wipe engine housing clean after each use.
- Keep air filter clean.
- Follow instructions for changing accessories.
- Replace any missing or damaged labels immediately.
- Do not operate unit if blade is excessively worn or damaged.
- Replace with blade which meets original equipment specifications.
- Do not attempt to repair edger. Have mechanical repairs made by qualified dealer or repairman. See that only identical replacement parts are used.



WARNING - YOUR RESPONSIBILITY: Restrict the use of this power machine to persons who read, understand and follow the warnings and instructions in this manual and on the machine.

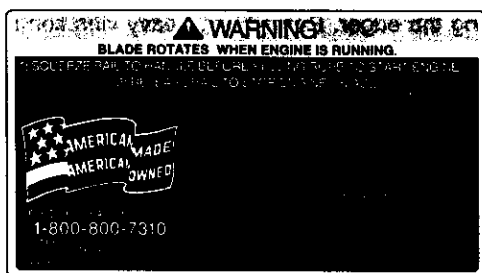


Figure 1 Safety labels found on your unit

SECTION 2: FINDING YOUR MODEL NUMBER

This Operator's Manual is an important part of your new edger. It will help you assemble, prepare and maintain your edger. Please read and understand what it says.

Before you start to prepare your edger for its first use, please locate the model plate and copy the information from it in this Operator's Manual. The information on the model plate is very important if you need help from your dealer or the MTD customer support department.

- Every edger has a model plate. You can locate it by standing in the operating position behind the unit and looking down at the rear of the frame.
- The model plate will look like Figure 2.

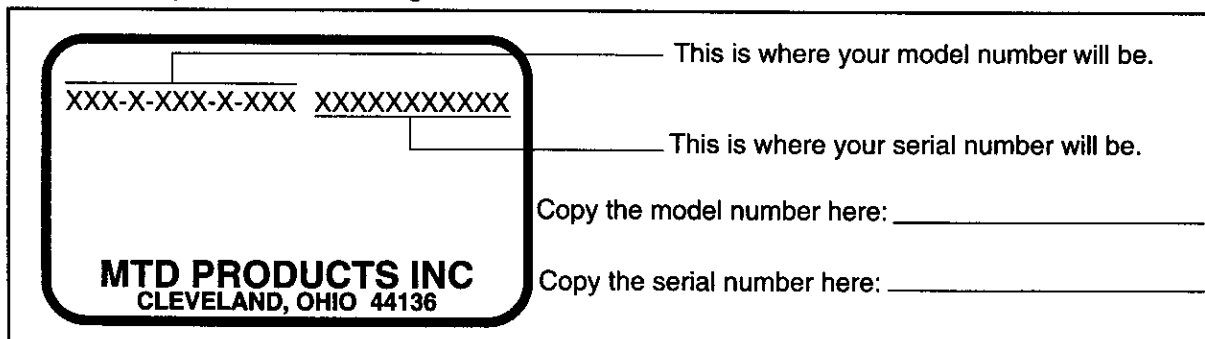


Figure 2

SECTION 3: CALLING CUSTOMER SUPPORT

If you are having difficulty assembling this product or if you have any question regarding the controls, operation or maintenance of this unit, please call the Customer Support Department. You can reach them by calling:

1-800-800-7310

Before you call, make sure that you have your model and serial numbers ready. By having the model and serial numbers ready, you help the Customer Support Representative give you faster service. To find your unit's model and serial number, see SECTION 2: FINDING YOUR MODEL NUMBER.

SECTION 4: SET-UP INSTRUCTIONS

IMPORTANT: This unit is shipped WITHOUT GASOLINE or OIL. After setting up the unit, service engine with gasoline and oil as instructed in the separate engine manual packed with your unit.

NOTE: Reference to right or left hand side of the edger is observed from the operating position.

TO REMOVE UNIT FROM CARTON

1. Remove staples, break glue on top flaps, or cut tape at carton end and peel along top flap to open carton.
2. Remove loose parts if included with unit (i.e., owner's manual, etc.).
3. Cut along dotted lines and lay carton down flat.
4. Remove packing material (if any).

Roll or slide unit out of carton. Check carton thoroughly for loose parts.

HOW TO SET-UP YOUR EDGER:

1. Disconnect the spark plug wire from the spark plug and ground it against the engine. See Figure 3.
2. Raise the upper handle till it snaps into place.

NOTE: Do not crimp the cables when lifting the handle.

3. Tighten the wing nuts which are already on the handle.

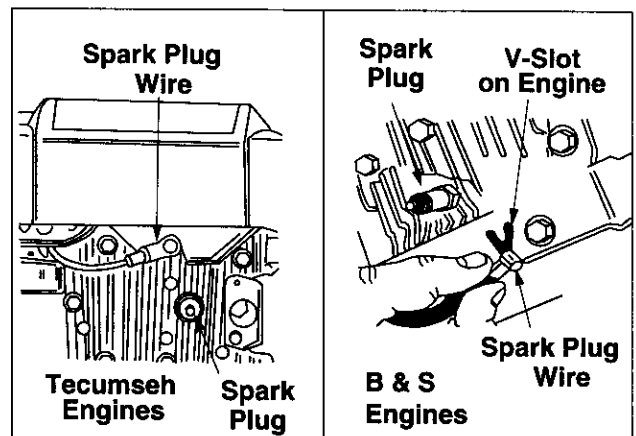


Figure 3

ATTACHING THE STARTER ROPE

The rope guide is already attached to the right side of the upper handle of your edger. See Figure 4.

1. With the spark plug wire disconnected and grounded, stand behind the unit, hold the blade control handle against the upper handle and pull the starter rope out of the engine.
2. Slip the rope through the rope guide. Tighten the wing nut holding the rope guide to the upper handle.

NOTE: The starter rope will not pull out of the engine unless the blade control handle is squeezed against the upper handle.

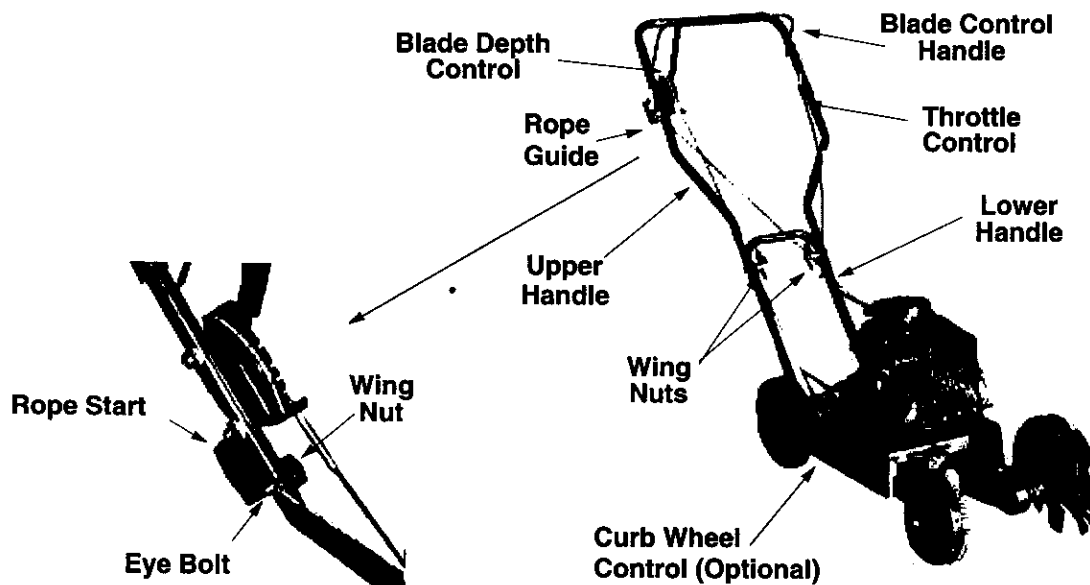


Figure 4

CHECKING THE BLADE DEPTH CONTROL

The blade depth control has been pre-adjusted at the factory. Before operating the edger, check the adjustment of the control cable as follows:

1. Disconnect the spark plug wire and move it away from the spark plug.
2. Move the blade depth control lever to the lowest notch forward and back to the start position on the handle.
3. If the handle will not go to the start position, loosen the hex lock nut on the control cable and unthread the cable one turn. Again, move the handle to the start position. When this position is attained, hold the top of the cable with a pair of pliers and tighten the hex lock nut.

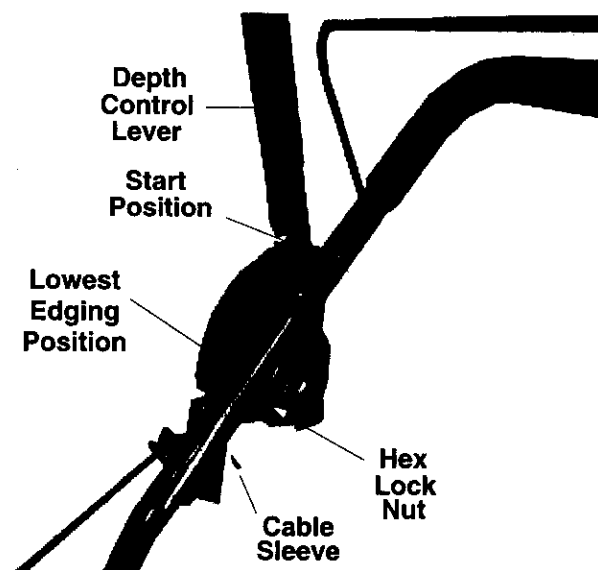


Figure 5

SECTION 5: CONTROLS

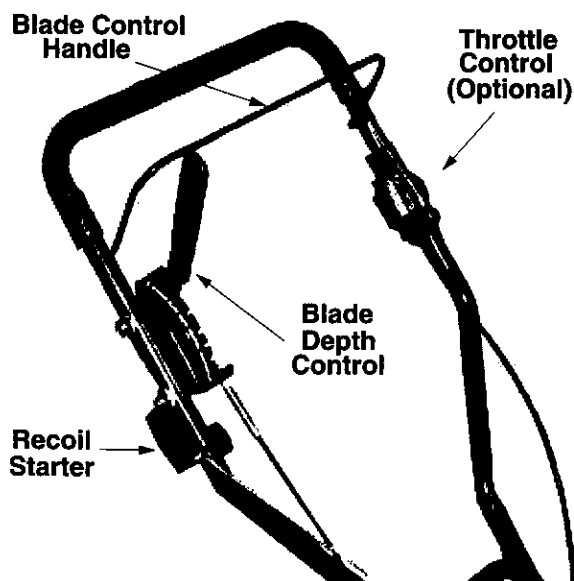


Figure 6

THROTTLE CONTROL

The throttle control lever is located on the handle. It regulates the engine speed and stops the engine.

BLADE CONTROL HANDLE



WARNING: This control mechanism is a safety device. Never attempt to bypass its operation.

The blade control handle is located on the upper handle of the unit. The blade control handle must be depressed in order to operate the unit. Release the blade control handle to stop the engine and the blade.

RECOIL STARTER

The recoil starter is attached to the handle. Stand behind the unit and pull the recoil starter to start the engine.

BLADE DEPTH CONTROL



WARNING: The blade depth control is designed to minimize the risk of blade contact injury. Do not under any circumstances attempt to defeat the function of the blade depth control, or use the edger if the control is not adjusted properly.

Keep hands and feet away from edger blade whenever the engine is running.

The function of the blade depth control is to control the depth of the cut. To lower the blade to the cutting position, move the handle lever to the left and move it forward to select the cutting depth. The further forward the control lever is moved, the deeper or lower the cut.

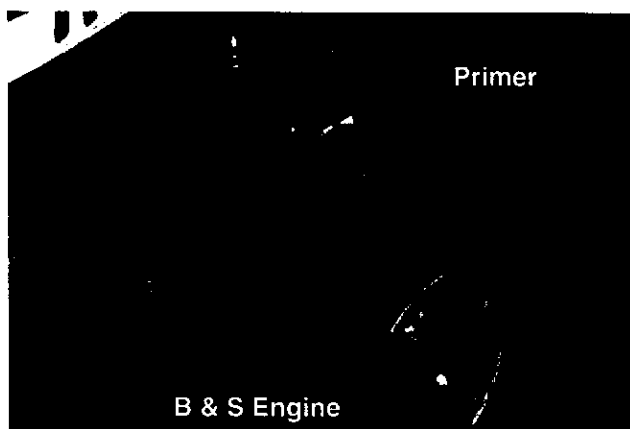


Figure 7

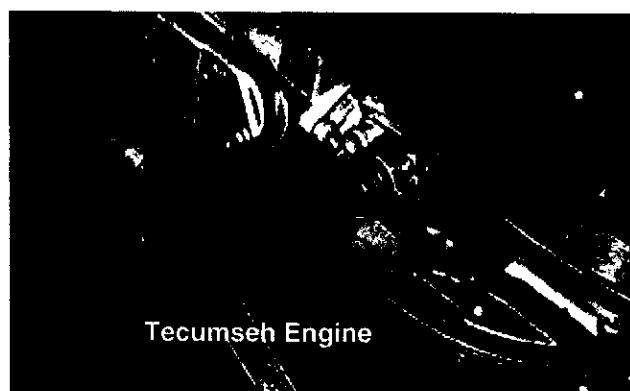


Figure 8

PRIMER

The primer is used to pump gas into the carburetor. Use it to start a cold engine, but do not use it to restart a warm engine after short shutdown. Refer to the engine manual. See Figure 7 and Figure 8.

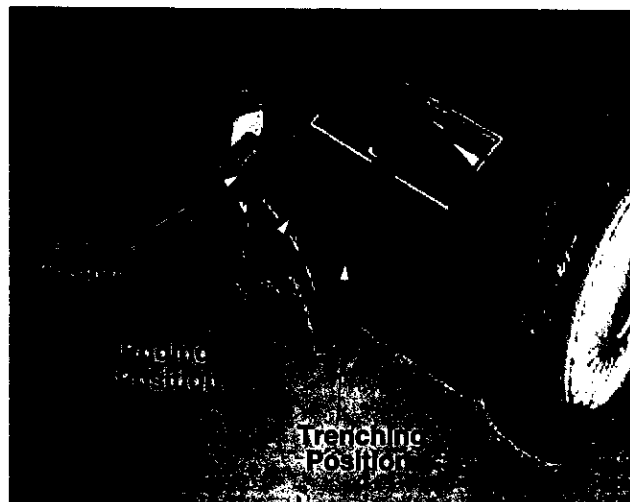


Figure 9

BLADE TILT CONTROL

The cutting blade can be adjusted to five positions; from beveling to edging to trenching. To adjust, make sure the engine is not running. Release the adjustment lever on the pivot bracket and pivot the lever to the desired cutting position. Place the adjustment lever in the notch desired. See Figure 9

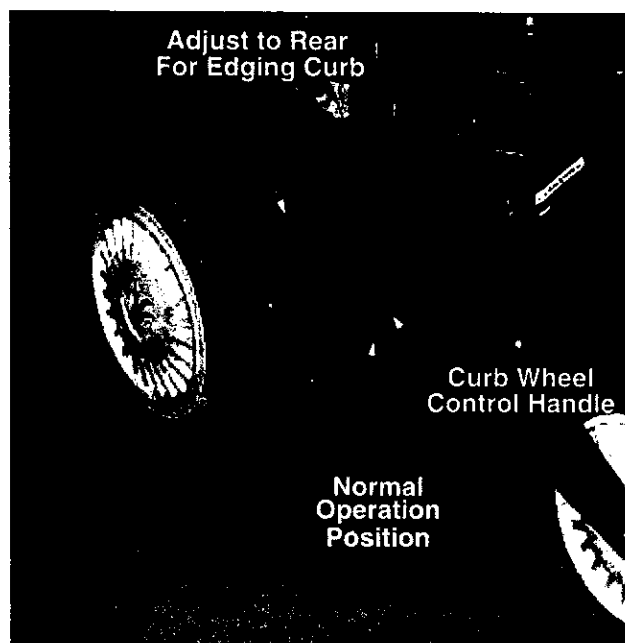


Figure 10

CURB WHEEL CONTROL (Optional)

The right rear wheel can be adjusted to edge along a curb. The forward handle position is for normal edging operation. Pull the handle out and move handle towards the rear of the unit to compensate for the height of the curb. See Figure 10.

NOTE: Become familiar with all the controls and adjustments before operating the edger so you can adjust it easily to a variety of edging conditions. **DO NOT ATTEMPT TO MAKE ANY ADJUSTMENTS** while the engine is running.

SECTION 6: OPERATION



The operation of any edger can result in foreign objects being thrown into the eyes, which can result in severe eye damage. Always wear safety glasses or eye shields. We recommend wide

vision safety mask for over spectacles or standard safety glasses



WARNING: Do not lower blade if blade is over concrete, asphalt, rocks or the like. The blade can strike the supporting surface, which could result in personal injury or property damage.

STARTING THE ENGINE

1. Service the engine with gasoline and oil as instructed in the separate engine manual packed with your edger. Read instructions carefully.



WARNING: Never fill fuel tank indoors, with engine running or until the engine has been allowed to cool for at least two minutes after running.

2. Move the blade depth control handle back to the start position (as far as it will go), and place it in the last notch. See Figure 5.
3. Set the throttle in the FAST (Rabbit) position.

NOTE: A warm engine may not require priming.

4. Push the primer bulb in two or three times. Wait two to three seconds between each push. In cold weather (below 50 degrees F/19 degrees C) push five (5) times. Refer to Figure 7.

NOTE: DO NOT USE PRIMER TO RESTART A WARM ENGINE AFTER A SHORT SHUTDOWN.

5. Standing behind the unit, depress the blade control handle and hold it against the upper handle. See Figure 11.
6. Grasp starter handle and pull rope out slowly until engine reaches start of compression cycle (rope will pull slightly harder at this point). Let the rope rewind slowly.
7. Pull rope with a rapid, continuous, full arm stroke. Keep a firm grip on starter handle. Return it slowly to the rope guide.

NOTE: If the engine fails to start after three (3) pulls, push the primer two (2) times and pull starter rope again.



Figure 11

STOPPING THE ENGINE

To stop the engine, move throttle control to the SLOW (turtle) position and release the blade control handle. Disconnect spark plug wire and ground to prevent accidental starting while equipment is unattended.

OPERATING THE EDGER



WARNING: Rotating cutting blade may throw objects causing personal injury. Keep area clear of bystanders and do not operate without guards in place.

1. Set the adjustment lever (refer to Figure 9) in the middle notch of the blade tilt control to edge vertically. See Figure 12.

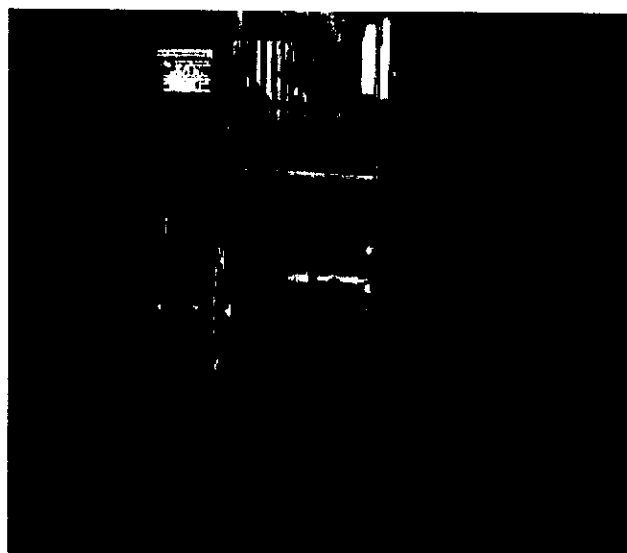


Figure 12

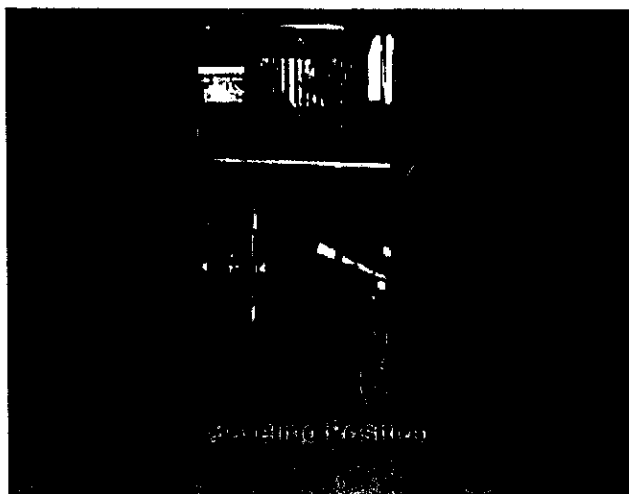


Figure 13

2. Set the adjustment lever (refer to Figure 9) in the first or second notch at the top for beveling. See Figure 13.



Figure 14

3. Set the adjustment lever (refer to Figure 9) in the fourth or fifth notch at the bottom for trenching. See Figure 14.

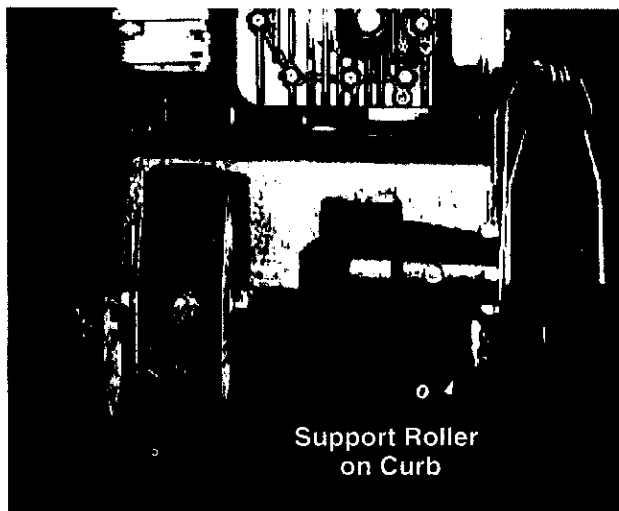


Figure 15

EDGING ALONG CURB (Optional)

To edge along a curb, lower the right rear wheel by moving the height adjustment lever toward the rear of the unit, pivoting the wheel to the desired depth and releasing the lever. See Figure 10.

When edging the grass along a curb, the unit will ride on the two rear wheels and the support roller behind the blade. See Figure 15. The wheel at the front of the unit is not used.

SECTION 7: ADJUSTMENTS



WARNING: Do not at any time make any adjustment to edger without first stopping the engine and disconnecting spark plug wire.

THROTTLE CONTROL ADJUSTMENT

If the throttle control needs adjustment or if it has been replaced, adjust as follows.

1. Remove the screw shown in Figure 16. Remove the cable clamp from the cable.

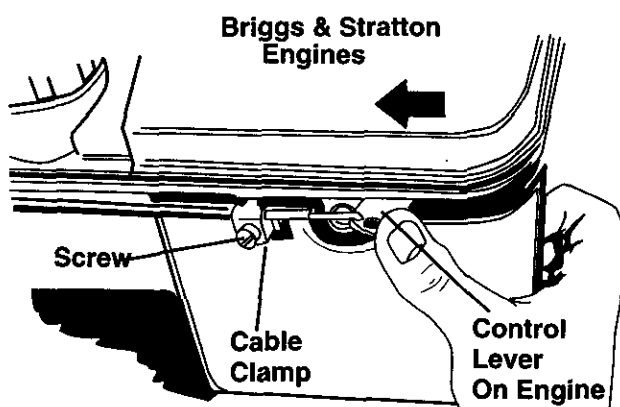


Figure 16

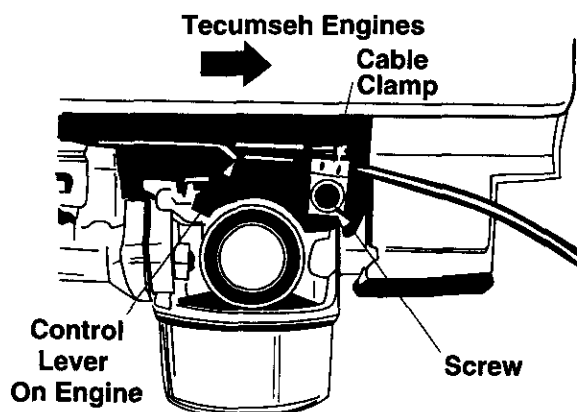


Figure 17

NOTE: If you have a Tecumseh engine, simply loosen the screw shown in Figure 17 so the cable will move freely beneath the clamp. It is not necessary to remove the screw and clamp completely.

2. Push the throttle control lever on the handle all the way forward as far as it will go, then back it off one "click." Make certain the throttle control lever remains in this position.
3. Push the control lever on the engine as far toward the rear of the engine as it will go. Secure the cable in this position with the cable clamp and screw.

CARBURETOR ADJUSTMENTS



WARNING: If any adjustments are made to the engine while the engine is running (e.g. carburetor), keep clear of all moving parts. Be careful of heated surfaces and muffler.

Minor carburetor adjustments may be required to compensate for differences in fuel, temperature, altitude and load. To adjust carburetor, refer to the separate engine manual packed with your mower.

NOTE: A dirty air cleaner will cause an engine to run rough. Be certain air cleaner is clean and attached to the carburetor before adjusting carburetor.

SECTION 8: LUBRICATION



WARNING: Always stop engine and disconnect spark plug wire before cleaning, lubricating or doing any kind of work on edger.

ENGINE

Refer to the engine manual for lubrication instructions.

WHEELS

Lubricate the wheels and bearings at least once a season with light oil or engine oil. Also if the wheels are removed for any reason, lubricate the surface of the axle bolt and the inner surface of the wheel with light oil. See Figure 18.

PIVOT POINTS

Lubricate the pivot points on the blade control handle, brake cable and the cutting height adjustment lever with light oil at least once a season. See Figure 18.

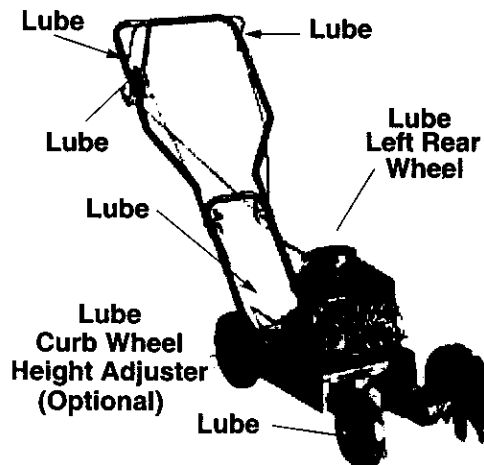


Figure 18

CUTTING HEAD BEARINGS

The two ball bearings in the cutting head are lubricated and sealed at the factory and require no lubrication. Lubricate all other moving parts with engine oil.

SHAFT

Lubricate the two bearings and under the compression spring on the shaft with light oil frequently during the season. See Figure 19.

Note: is shown without support brace for clarity.

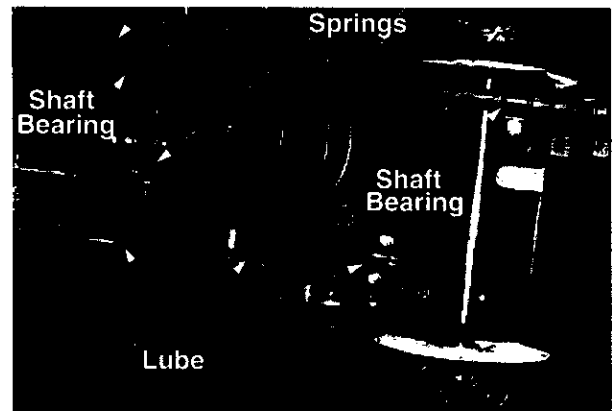


Figure 19

SECTION 9: MAINTENANCE



WARNING: Disconnect the spark plug wire and ground against the engine before performing any adjustment, repairs or maintenance.

ENGINE

Refer to engine manual for complete instructions for care and maintenance of engine.

BLADE REMOVAL AND INSTALLATION

Removal

1. Use a 15/16" box or socket wrench on the bolt head under the belt guard and a 15/16" wrench to remove the lock nut holding the blade. See Figure 20.

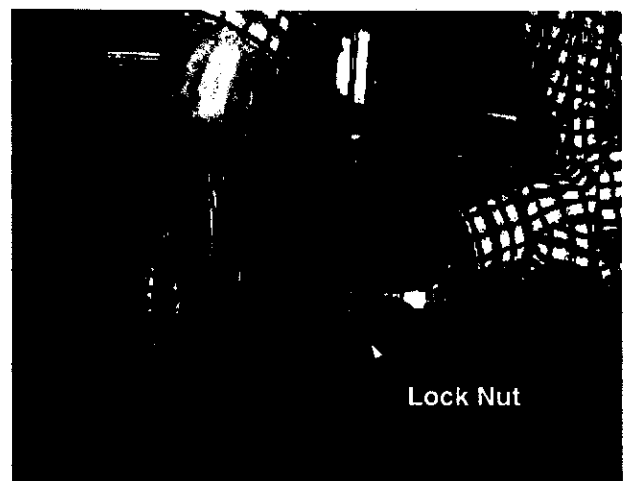


Figure 20

2. Remove the blade and two bell washers. See Figure 21.

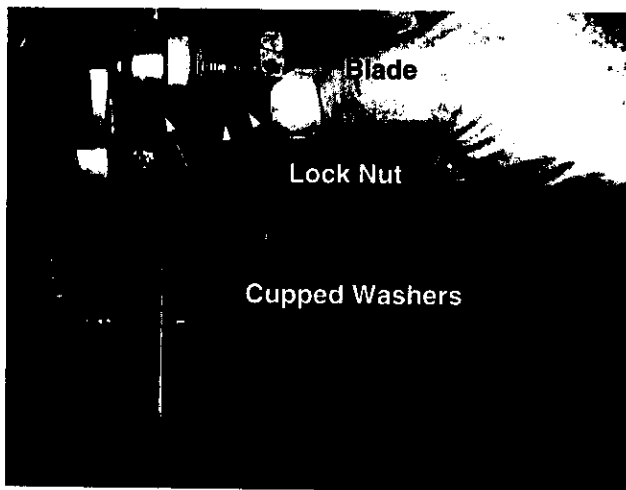


Figure 21

Installation

3. Install one cupped washer, the blade, the other cupped washer and the lock nut. Make sure that the cupped side of the washers are against the blade. Tighten the locknut to a torque spec, 450 to 600 in. lbs.

BELT REMOVAL

ATTENTION: Pay particular attention to how the belt is alined on the blade spindle pulley to assist in reassembly.

1. Drain the gas and oil.
2. Place the blade tilt lever in the bevel position.

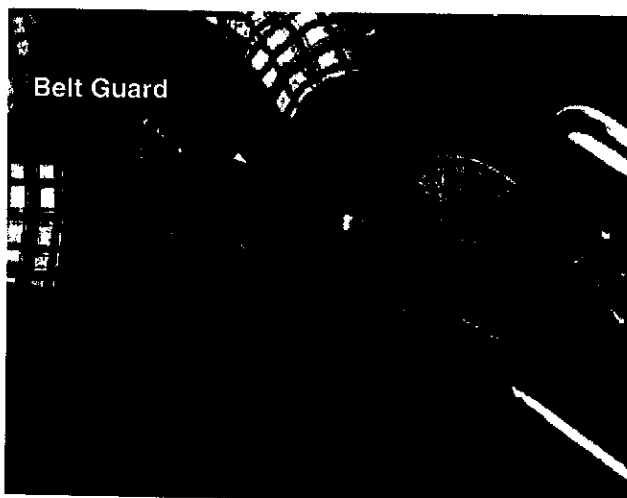


Figure 22

3. Remove the belt guard. See Figure 22.

4. Place a block of wood on the floor and tip the unit forward resting the blade spindle housing on the block of wood. Apply force down to compress the spring on the blade shaft. Remove the belt from the engine pulley, then lift belt off blade pulley. See Figure 23.

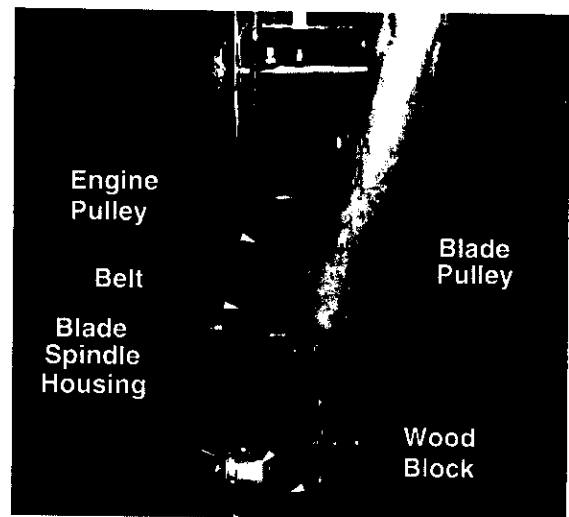


Figure 23

NOTE: Do not tip the unit forward unless gas and oil have been drained. Figure 23 is shown without support brace for clarity.

5. Reinstall the replacement belt in the reverse order of disassembly. Refer to Figure 23 for positioning of belt.
6. Replace oil and gasoline according to specifications in the engine manual.

SECTION 10: OFF-SEASON STORAGE

The following steps should be taken to prepare unit for storage.

1. Clean and lubricate unit thoroughly.
2. Refer to engine manual for correct engine storage instructions.
3. Coat edging blade with chassis grease to prevent rusting.
4. Store unit in a dry, clean area. Do not store next to corrosive materials, such as fertilizer.

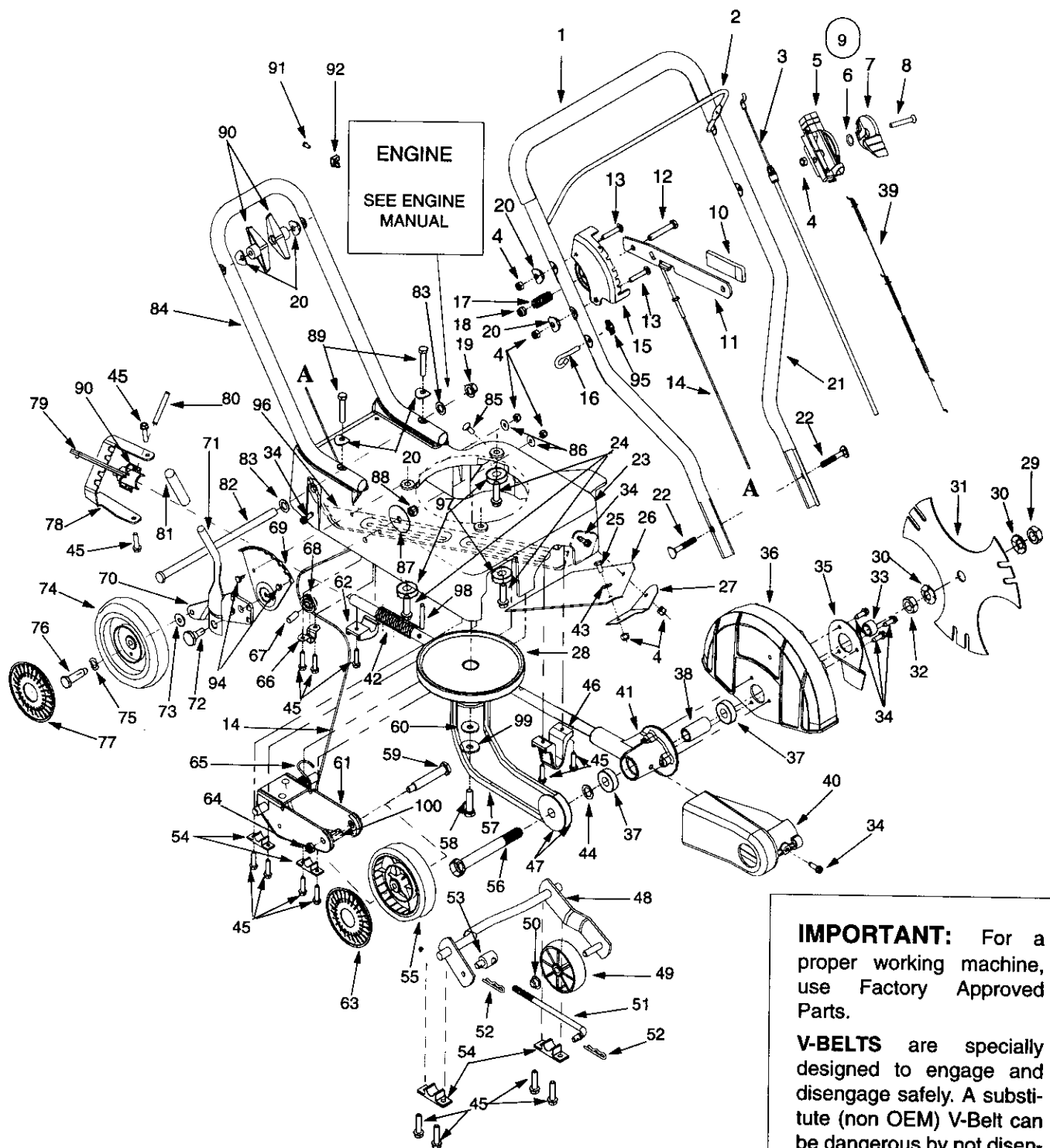
NOTE: When storing any type of power equipment in an poorly ventilated or metal storage shed, care should be taken to rustproof the equipment. Using a light oil or silicone, coat the equipment, especially springs and bearings.

SECTION 11: TROUBLE SHOOTING GUIDE

Trouble	Possible Cause(s)	Corrective Action
Engine fails to start	Dirty aircleaner. Choke not in ON position. Fuel tank empty, or stale fuel. Throttle control lever not in starting position. Spark plug wire disconnected. Faulty spark plug. Engine flooded.	Refer to the engine manual packed with your unit. Move switch to ON position. Fill tank with clean, fresh gasoline. Fuel will not last over thirty days unless a fuel stabilizer is used. Move throttle lever to FAST position. Connect wire to spark plug. Clean, adjust gap or replace. Refer to the engine manual packed with your unit.
Engine runs erratic	Unit running on CHOKE. Spark plug wire loose. Stale fuel. Vent in gas cap plugged. Water or dirt in fuel system. Dirty air cleaner. Carburetor out of adjustment.	Move choke to OFF position. Connect and tighten spark plug wire. Fill tank with clean, fresh gasoline. Fuel will not last over thirty days unless a fuel stabilizer is used. Clear vent. Drain fuel tank. Refill with fresh fuel. Refer to the engine manual packed with your unit. Refer to the engine manual packed with your unit.
Engine overheats	Engine oil level low. Air flow restricted. Dirty aircleaner. Carburetor not adjusted properly.	Fill crankcase with proper oil. Stop engine and disconnect spark plug wire. Refer to the engine manual packed with your unit. Refer to the engine manual packed with your unit. Refer to the engine manual packed with your unit.
Excessive vibration at blade	Spindle bent. Ball bearings worn out.	Replace spindle. Replace ball bearings.
Belt slips	Belt worn or stretched	Adjust clutch rod or replace belt.
The edger head will not go down to the last position	Lack of lubrication.	Lubricate compression spring on spindle housing assembly with oil.

Note: For repairs beyond the minor adjustments above, contact your local authorized service dealer.

Model 530



IMPORTANT: For a proper working machine, use Factory Approved Parts.

V-BELTS are specially designed to engage and disengage safely. A substitute (non OEM) V-Belt can be dangerous by not disengaging completely.

Model 530

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	720-0297	Foam Grip †	54	731-1931	Black Bushing .515 Dia x .62 †
2	747-0976	Blade Control Handle	55	734-1840	Wheel 7 x 1.7 Aero Gray
3	746-0966	Control Cable 44" B & S		734-1779	Wheel 7 x 1.5 Diamond White †
	746-1078	Control Cable 43" Tec.		734-1843	Wheel 7 x 1.7 Slot Green †
	746-0971	Control Cable 44" Tec. (Const. Spd.)	56	710-1627	Hex Bolt 5/8-18 x 5.25 Lg.
	746-0965	Control Cable 34" B & S (Const. Spd.)	57	754-0142	V-Belt
4	712-0324	Hex Lock Nut 1/4-20 Thd.	58	710-0191	Hex Screw: 3/8-24 x 1.50 Lg.
5	646-0875	Throttle Hsg.	59	738-0481	Shoulder Screw .500 x 2.62: 3/8-16
6	736-0501	Curved Washer .663 x .980 x .014	60	736-0452	Bell Wash. .396 I.D. x 1.140 O.D. x .095
7	746-0876	Throttle Lever	61	681-0141	Front Wheel Brkt Ass'y.
8	710-0605	Screw Oval C-Sunk 1/4-20 x 1.81 Lg.	62	731-1930	Rear Rod Handler
9	811-00185	Throttle Comp. (Inc. Ref. 4,5,6,7,8)	63	731-1887	Hubcap: Spoke w/Hole Gray
10	720-0142	Depth Lever Grip †		731-1886	Hubcap: Spoke w/Hole Yellow
11	781-0742	Depth Lever		731-1888	Hubcap: Spoke w/Hole Beige
12	710-0116	Hex Screw 5/16-18 x 2.0 Lg.	64	712-3020	Jam Lock Nut 3/8-16
13	710-0111	Carriage Bolt 1/4-20 x 1.50 Lg.	65	732-0867	Torsion Spring
14	746-0955	Depth Cable	66	781-0747	Cable Keeper
15	781-0741	Depth Bracket	67	747-0993	Idler Rod
16	710-1205	Eye Bolt 1/4-20	68	756-0625	Cable Roller Pulley
17	732-0369	Compression Spring .550 O.D. x 1.3	69	781-0745	Index Plate †
18	712-0429	Hex Lock Nut 5/16-18	70	781-0744	Pivot Arm †
19	726-0299	Push Cap x 1/2 Rod	71	732-0806	Spring Lever †
20	736-0451	Washer .320 ID x .93 O.D.	72	738-0507B	Shoulder Bolt .500 x .434 Lg. †
21	749-1079	Upper Handle	73	736-0105	Bell Wash. .401 ID. x .870 OD. x .063 †
22	710-1174	Carriage Bolt 5/16-18 x 2.0 Lg.	74	734-1841	Wheel: 8 x 1.7 Aero Gray
23	631-0079	Edger Base Ass'y		734-1780	Wheel: 8 x 1.75 Diamond White †
24	710-0502A	Tapp Screw w/Hex Lock Wash 3/8-16		734-1844	Wheel: 8 x 1.7 Slot Green †
25	710-3013	Hex Screw 1/4-20 x .50 Lg.	75	736-0504	Wave Washer .510 I.D. x .750 O.D. †
26	731-1935	Discharge Shield Deflector	76	738-0102	Shoulder Bolt .498 x 1.445: 3/8-16 †
27	781-0746	Deflector Keeper	77	731-0981A	Hubcap: Radial Spoke Gray †
28	756-1150	Engine Pulley		731-1426	Hubcap: Radial Spoke Yellow †
29	712-0413	Hex Jam Nut 5/8-18		731-0982A	Hubcap: Radial Spoke Beige †
30	736-0317	Bell Washer .63 I.D. x 1.25 O.D. x .18	78	781-0749	Tilt Bracket
31	781-0080	Standard Blade	79	681-0139	Adj. Lever Ass'y
	781-0748	Cross-Cut Blade †	80	715-0121	Pin 1/4 x 2.0" Lg.
	781-0748	Star Blade †	81	720-0230	Foam Grip †
32	712-0318	Hex Jam Nut 5/8-18	82	711-1269	Axle
33	750-1163	Spacer .628 x .875 x .545 Lg.		711-1278	Curb Axle
34	710-0642	Hx Scr. w/Wash.: TT: 1/4-20 x .750 Lg.	83	736-3068	Flat Wash. .531 I.D. x .875 O.D. x .06
35	781-0740	Blade Guide	84	749-1078	Lower Handle
36	731-1942	Blade Guard	85	710-0134	Carriage Screw 1/4-20 x .62
37	741-0155	Ball Bearing .62 I.D. x 1.38 O.D. x .4	86	736-0211	Flat Wash. .285 ID x 1.25 OD x .06 †
38	750-1158	Spacer .628 x .875 x 1.818 Lg.	87	736-3040	Flat Wash. .406 ID x 1.92 OD x .06 †
39	746-0845	Throttle Cable	88	712-0130	Hex Lock Nut 3/8-16 †
40	731-1939	Belt Guard	89	710-3180	Hex Screw 5/16-18 x 1.75 Lg.
41	719-0387	Spindle w/Insert	90	732-0188A	Torsion Spring †
42	732-0862	Compression Spring: Arbor	90	720-0241	Wing Knob Nut 5/16-18
43	736-0342	Flat Washer .283 I.D. x .75 O.D. x .030	91	710-1237	Hex Scr. w/Wash. :T: #10-32 x .625 Lg.
44	736-0116	Flat Washer .635 I.D. x .93 O.D. x .06		710-0871	Hex Scr. #10-32 x .38 Lg.
45	710-1241	Hex Screw w/Wash 1/4	92	751B213146	Clamp B&S Throttle
46	731-1929	Front Rod Handler		7510007775	Clamp Tec. Throttle
47	756-0449	Pulley	94	710-1637	Screw Std. 1/4-20 x .75 Lg. †
48	681-0140	Curb Whl Bracket Ass'y †	95	720-0279	Handle Knob
49	731-1932	Curb Roller †	96	781-0758	Base Support
50	726-0100	Push Cap x 3/8 Rod †	97	736-0258	Flat Washer
51	747-0991	Rod 5/16-24 †	98	715-0143	Roll Pin
52	714-0104	Cotter Pin .072 x 1.12 †	99	736-0320	Flat Washer .38 ID x 1.38 OD x 1.25
53	711-1171	Ferrule 5/16-24 x .312 †	100	750-1179	Spacer .520 ID x .860 Lg.

† Optional

MANUFACTURER'S LIMITED WARRANTY

For TWO YEARS from the date of retail purchase within the United States of America, its possessions and territories, the manufacturer will, at its option, repair or replace, for the original purchaser, free of charge, any part or parts found to be defective in material or workmanship. This warranty covers units which have been operated and maintained in accordance with the operating instructions furnished with the unit, and which have not been subject to misuse, abuse, commercial use, neglect, accident, improper maintenance or alteration.

Normal wear parts or components thereof are subject to separate terms as noted below in the "No Fault Ninety Day Consumer Warranty" clause.

All normal wear part failures will be covered on this product for a period of 90 days regardless of cause. After 90 days, but within the two year period, normal wear parts failures will be covered ONLY IF caused by defects in material or workmanship of OTHER component parts. Normal wear parts are defined as batteries*, belts, blades, blade adapters, grass bags, rider deck wheels, seats, snow thrower skid shoes, shave plates and tires.

How to obtain service: Warranty service is available, with proof of purchase, through your local authorized service dealer. To locate the dealer in your area, please check the yellow pages or contact the Customer Service Department of the manufacturer, P. O. Box 368022, Cleveland, Ohio 44136-9722. Phone 1-800-800-7310. The return of a complete unit will not be accepted by the factory unless prior written permission has been extended by the service department of the manufacturer.

Transportation charges: Transportation charges for the movement of any power equipment unit or attachment are the responsibility of the purchaser.

Units exported out of the United States: The manufacturer does not extend any warranty for products sold or exported outside of the United

States of America, its possessions and territories, except those sold through the manufacturer's authorized channels of export distribution.

Other Warranties:

1. The engine or component parts thereof carry separate warranties from their manufacturers. Please refer to the applicable manufacturer's warranty on these items.
2. *Batteries are covered by a 90-day replacement warranty.
3. Log splitter pumps, valves and cylinders or component parts thereof are covered by a one year warranty.
4. All other warranties, express or implied, including any implied warranty of merchantability or fitness for a particular purpose, are hereby expressly disclaimed in their entirety.
5. The provisions as set forth in this warranty provide the sole and exclusive remedy of the manufacturer's obligations arising from the sales of its products. The manufacturer will not be liable for incidental or consequential loss or damage.

How state law relates to this warranty: This limited warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Certain disclaimers are not allowed in some states and therefore they may not apply to you under all circumstances.

NOTE: This warranty does not cover routine maintenance items such as lubricants, filters, blade sharpening and tune-ups, or adjustments such as brake adjustments, clutch adjustments or deck adjustments. Nor does this warranty cover normal deterioration of the exterior finish due to use or exposure.