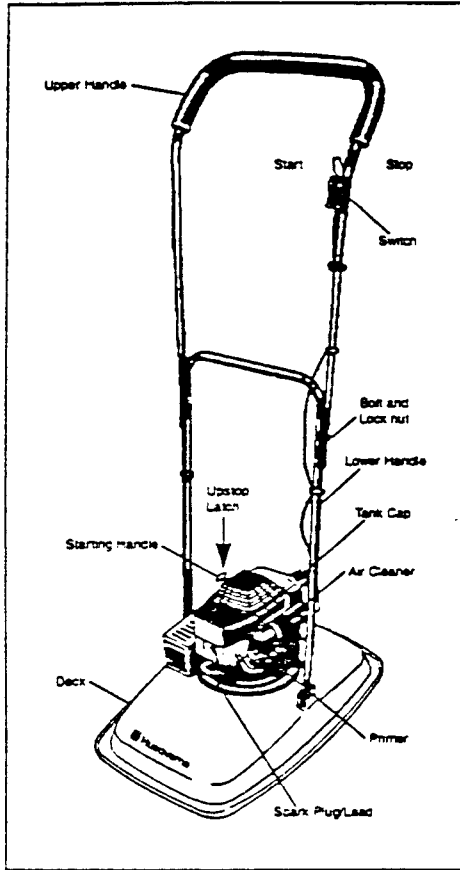


**READ THESE INSTRUCTIONS
CAREFULLY!
KNOW YOUR CONTROLS.
LEARN HOW TO STOP YOUR
TRIMMER IN AN EMERGENCY**



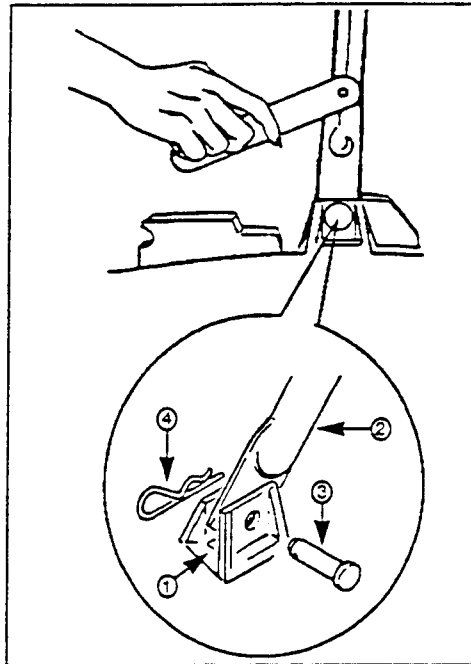
PREPARATION

Before using your new hovering trimmer, make a careful note of the details on the serial number label, which can be found on the rear of the deck. Always quote these details to your dealer when enquiring about spare parts and service.

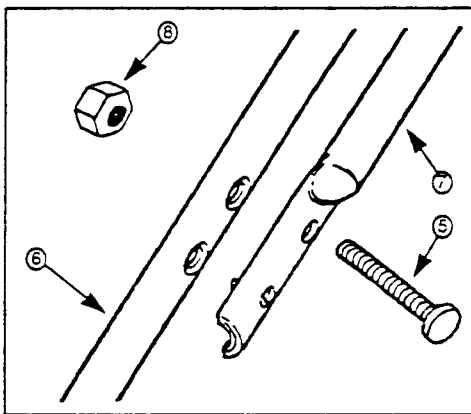
ASSEMBLY OF LOWER HANDLE TO DECK

With the trimmer on the ground:

1. Ensure that the upstop latch, attached to the lower handle, is at the right-hand side when viewed from the rear.
2. Remove the pins (3) and clips (4) from the polythene bag and secure the lower handle (2) by placing pins (3) through deck brackets (1) and lower handle (2). Retain pins (3) in position with clips (4).

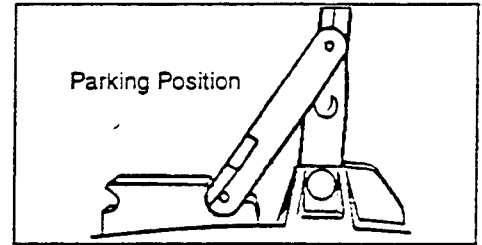
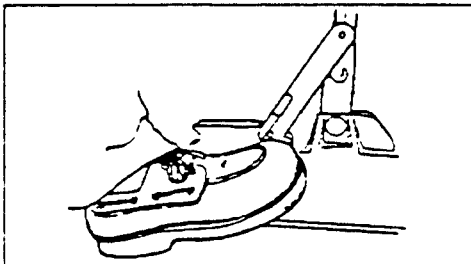


3. Assemble upper handle (7) to lower handle (6) by fitting bolts (5) and securing with lock nuts (8).

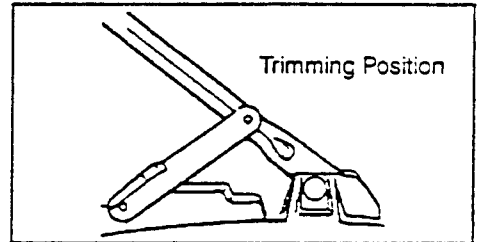


Handle Position

The handle position can be altered by lifting up the upstop latch and moving it to the required position.

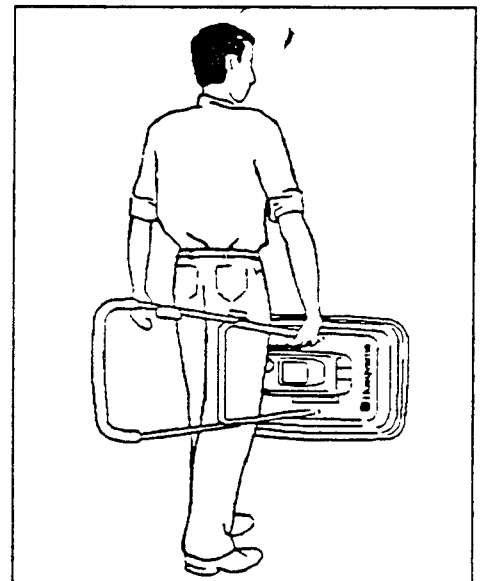


Parking Position



Trimming Position

CARRYING THE TRIMMER



NOTE:

Before carrying the machine from one trimming area to another, disconnect the spark plug lead. Carry the trimmer at the point of balance (see illustration) with the cutting head away from you.

CAUTION:

NEVER CARRY THE TRIMMER WHEN IT IS RUNNING.

WARNING AND SAFETY INSTRUCTIONS

THE FOLLOWING WARNING IS ATTACHED TO THE TRIMMER AND MUST BE READ AT ALL TIMES.

Read Operator's manual. * Remove objects that can be thrown by trimmer. * Do not trim when children and others are around. * Wear safety glasses while operating machine. * Do not use on slopes which are wet or too steep to maintain firm footing. * Be sure trimmer has stopped before placing hands or feet near cutting head. * Do not fit a metal/bar blade as a cutting mechanism on this machine. * Use only the cutting head device approved by Husqvarna. * Cutting head continues to rotate after machine is switched off. * Disconnect spark plug lead before cleaning or adjusting the machine.



⚠ WARNING ⚠

The engine exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

OPERATORS SAFETY

1. Always wear eye protection or safety goggles to protect against objects thrown out by the cutting line.
Always wear long trousers, gloves and heavy shoes.
3. Only use the trimmer in the manner and for the functions described in these instructions.
4. Never operate the trimmer when you are tired, ill or under the influence of alcohol, drugs or medicine.
5. Only allow persons over the age of 16 and who have read and understood these instructions to use this trimmer.
6. Wear hearing protection if you use this tool for more than 1-1/4 hours per day.
7. Start the engine carefully following the "Starting Instructions", never start or run the engine inside a closed room or building. Breathing exhaust fumes can kill.
8. Keep handles free from oil and fuel.

FUEL SAFETY

1. Use a container approved for the storage of gasoline.
2. Mix and fill fuel tank outdoors where there are no sparks or flames.
3. Do not remove tank cap or fill the tank while the engine is running.
4. Do not smoke or allow smoking while you are filling the tank near stored fuel, the tool, or while using the tool.
5. Avoid spilling fuel, wipe up any spillage immediately.
6. Move at least 10 feet away from the fueling site before starting the engine.
7. Empty the fuel tank before storing the tool.
8. Store machine and fuel in an area where fuel vapors cannot reach sparks or open flames from water heaters, electric motors or switches, furnaces etc.

IF NOT USED PROPERLY, THIS TRIMMER CAN BE DANGEROUS

This trimmer can cause serious injury or death to the operator and others. The warnings and safety instructions must be followed.

The operator is responsible for following the warnings and instructions in this manual and on the trimmer. Read the entire Operator's manual before assembling and using this trimmer. Restrict the use of this trimmer to persons who have read, or been instructed in the use of, understand and will follow all warnings and instructions issued with this trimmer.

CUTTING SAFETY

1. Inspect the area to be cut before each use. Remove all objects such as stones, broken glass, nails, wire, string etc., which can be thrown or become entangled in the trimmer line.
2. Keep others including children, animals and bystanders, a safe distance away from the trimmer. Stop the trimmer immediately if you are approached.
3. Hold the tool firmly with both hands.
4. Only trim in daylight or good artificial light.
5. Keep a firm footing and balance, especially on wet or damp grass.
6. Keep the trimmer flat on the grass when in use.
7. Do not overreach.
8. Do not walk backwards.
9. Exercise extreme caution on slopes. Carefully follow the instructions "USING THE TRIMMER ON SLOPES".
10. Stop the engine before taking the trimmer across any surface other than grass.
11. Never pick up or carry the trimmer while the engine is running.
12. Never leave the trimmer unattended while the engine is running.
13. Keep hands and feet away from the underside of the deck, the fast rotating cutting line cannot be seen.
14. The cutting line continues to rotate after the engine has been switched off.

Use only for jobs explained in this manual. If situations occur which are not covered in this manual, use care and good judgement. Contact your dealer if you need assistance.

TOOL SAFETY

1. Always be sure the trimmer is in a safe operating condition. Use only genuine Husqvarna parts and accessories specified for the product.
2. Only use Husqvarna replacement cutting line, do not use wire, string or rope etc.
3. Inspect the trimmer each time before use, especially the cutting line and mounting disc.
4. Do not use if any parts appear or are damaged or broken, or if any screws are loose. Have it repaired.
5. Never use or attempt to fit a metal/bar blade with this product.
6. If the trimmer starts to vibrate abnormally, stop the engine immediately and investigate the cause. (If in doubt, contact your service dealer).
7. Never allow grass to collect around the engine, especially the cooling air inlet and outlet. Overheating will damage the engine.
8. Do not overspeed the engine or alter the governor settings. Excessive speed is dangerous and can shorten engine life.

MAINTENANCE SAFETY

1. Always switch off and disconnect the spark plug lead before performing any maintenance or cleaning.
2. Have all servicing, other than cutting line replacement, carried out by a qualified service engineer.
3. Use only genuine Husqvarna replacement parts. Failure to do so could create a hazard and may invalidate your warranty.
4. Clean after use. Never clean your trimmer with water, just use a dry cloth or soft brush, never use cleaning fluids or solvents.
5. Allow the engine to cool before storing the trimmer. Store the trimmer in a dry, damp-proof, secure area, out of reach of children.

HOW TO USE YOUR TRIMMER

FUEL MIXTURE

To operate the engine, you will need the following:-

1. A clean, high quality 2 cycle oil.

Husqvarna or Tecumseh specially formulated oil is available at any Authorized Husqvarna Service Outlet.

Do not use multi-viscosity oils.

Disregard mix ratio instructions on oil containers if instructions conflict with fuel mix chart below.

Fuel Mix Chart		Mixture 25:1	
U.S.		S.I. (Metric)	
Gas	Oil to be added	Petrol	Oil to be added
1 Gal.	5 oz.	4 Litres	160 ml
1.25 Gal.	6.4 oz.	8 Litres	320 ml
2.5 Gal.	12.8 oz.	20 Litres	800 ml

2. A fresh, clean unleaded regular automotive gasoline. (Leaded regular and unleaded or leaded premium grades of gasoline are acceptable substitutes.)

Note: Do not use gasoline containing methanol (wood alcohol). Gasoline containing up to 10% ethanol or grain alcohol ("Gasohol") may be used but requires special care when engine is unused for extended periods.

Do not attempt to mix oil and gasoline in the engine's own fuel tank.

Ensure that the fuel in both the fuel mixture container and the engines fuel tank are thoroughly mixed before use.

Do not fill the fuel tank in an enclosed area, when the engine is hot or while you are smoking. Thoroughly clean around the fuel tank filler cap before filling, this will help to prevent dirt being introduced into the fuel system.

Do not fill the tank while the engine is running. Fill the fuel tank through a funnel fitted with a fine filter.

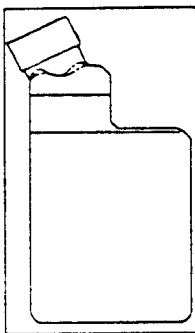
Never fill fuel tank completely. Fill tank to 1/2" below bottom of filler neck to provide for fuel expansion.

Fuel should be stored in a cool place away from any flame source.

Your carburetor is pre-set. Normally no further adjustment is required.

FUEL MIXING INSTRUCTIONS

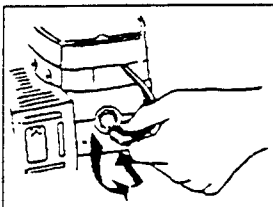
1. Ensure mixing bottle and cap are clean and standing on a level surface.
2. Add regular grade unleaded gasoline up to the 1 litre mark on the bottle.
3. Add a clean 'High Quality' 2 cycle oil to the 25:1 mark on the bottle.
4. Screw cap on, shake container until gasoline and oil are thoroughly mixed.
5. Clean fuel tank filler cap and fill fuel tank.



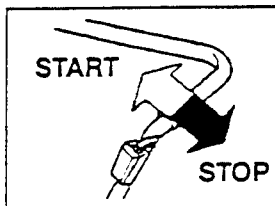
STARTING AND STOPPING

STARTING

1. Connect spark plug lead.



2. Move switch to 'start' position.



3. Place your right foot on the deck and grasp the far arm of the handle with your left hand. Tilt the trimmer towards you. Pull the starting handle gently until you feel compression. Let the starting handle return slowly. Firmly pull the handle the full length. The engine should start; if not, repeat the above procedure.

NOTE: IF THE ENGINE FAILS TO START AFTER 3 PULLS, SQUEEZE PRIMER 5-6 MORE TIMES AND FOLLOW STEP 3.

Only when engine is running should the trimmer be gently lowered to the horizontal floating position. Always allow the engine to warm up for a minute or two before trimming.

STOPPING

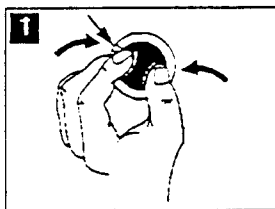
4. Temporary stopping. Move stop/start switch to stop position.

USING THE ENGINE PRIMER

When starting the trimmer for the first time or after running the fuel tank dry, squeeze both sides of primer 15-20 times in line with the colored nb (fig 1), to establish the fuel supply to the carburetor.

COLD START - if the engine is cold and there is fuel in the tank.

Squeeze both sides of primer 8 to 10 times in line with colored nb (fig 1).



WARM START - if the engine is warm and there is fuel in tank - DO NOT USE THE PRIMER. If the engine has run out of fuel, refill the tank and squeeze the primer 8-10 times.



HOW TO CUT

TOUGH AND HIGH GRASS

Before cutting, particularly in long grass, examine the ground and remove stones etc. If grass is particularly tough, go slowly in order to keep the engine revs up.

USING THE TRIMMER ON SLOPES

Exercise extreme caution while using this trimmer on slopes.

A slope is defined as uneven terrain on which you, the operator, are unable to maintain your feet firmly on level ground in order to use the trimmer.

Do not use this trimmer on slopes which are wet or too steep to maintain a firm footing.

Always use heavy shoes when using this trimmer.

Never push the trimmer up the slope.

Always keep the trimmer below you on the slope.

COMPLETION OF TRIMMING

Having completed the trimming, stop the engine.

As soon as the engine begins to face, tilt the trimmer.

Disconnect the spark plug.

Cleaning Trimmer:- Remove grass adhering to the underside of deck. A clean machine will always work better and last longer than a dirty one.

MAINTENANCE OF YOUR TRIMMER

ON COMPLETION OF TRIMMING

Remove any grass from under deck. Remove any leaves or grass cuttings from around the engine cooling fins, carburetor and impeller air openings.

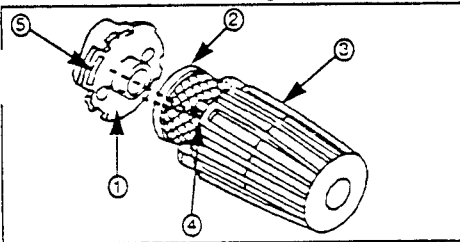
AIR FILTER MAINTENANCE

- Your Tecumseh engine is equipped with a dry paper cartridge air filter.
- Every 10 operating hours check condition of paper cartridge.
- Every 50 operating hours (or more regularly) replace the paper cartridge. (See Air Filter Cleaning Instructions number 1).
- Do not attempt to wash, clean or oil the paper cartridge.
- If engine is operating in dusty or dirty areas, the air filter system will require more frequent maintenance.

Air Filter Cleaning Instructions

(see Illustration)

- Turn cover (3) (counter-clockwise) and remove it and filter (2) from flange (1). Discard paper cartridge.
- Clean cover and flange thoroughly.
- Insert new cartridge (2) onto flange (1).
- Position cover (3) against flange (1) with tab (4) on cover inserted into slot (5) in flange (1).
- Push cover firmly against flange and turn it (clockwise) as far as it will go. Be sure retainers are locked around flange.



- When cleaning the air cleaner, also check and clean the debris guard using a soft brush.
- If debris guard is very dirty, unscrew wing nut and remove debris guard and filter.
- Wash filter in clean soapy water, rinse, wrap in a clean dry cloth and 'squeeze dry'.
- Re-assemble ensuring that the recoil rope passes through the slot in the foam filter.

COOLING SYSTEM AIR INTAKE

Never operate the engine without the debris guard and filter being fitted. Failure to fit the debris guard and filter will cause premature engine failure.

SPARK PLUG

An oily or carboned spark plug makes starting difficult and decreases the efficiency of the engine. Periodically remove the spark plug and clean and adjust when necessary. Gap setting 0.30" (0.8 mm). Do not remove spark plug when engine is hot. Do not sand blast the spark plug to clean it. Remove spark plug lead and spark plug.

WINTER CARE

For trouble-free trimming next season, make sure that your trimmer is serviced immediately after the last cut of the year, as follows:-

When the engine is cold, drain all fuel from the tank and then run the engine until it stops. (Fuel left in the machine becomes stale and causes difficult starting). Thoroughly clean all external parts of the trimmer. Clean air filter (see air filter maintenance).

Inspect, clean and replace spark plug.

Do not replace spark plug lead.

Check and replace cutting lines.

Store the trimmer in a dry, damp-proof secure area out of the reach of children.

CUTTING LINE

The cutting line is sharp, wear gloves and take care when handling it.

Check the cutting line frequently during use and on completion of trimming.

Removing the Cutting Line

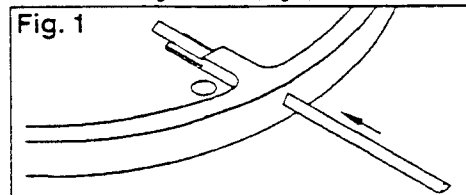
Switch machine off and disconnect spark plug lead.

Disconnect cutting line loop with pliers or other suitable tool.

Carefully pull cutting line out of disc.

Renewing the Cutting Line

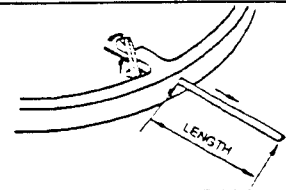
Cut a piece of cutting line approx. 6" in length for HVT1200 or 7" for HVT1500. Thread line through hole in outer edge of disc. (Fig.1)



Loop line over and locate into anchor point.

(Fig.2) Carefully pull the line taut to secure, and trim to length. 3" in length for HVT1200 or 4.5" in length for HVT1500.

Fig. 2



At all times the amount of line extending beyond the edge of disc should be of an even length. If there is a variation of more than half an inch between the four lengths of line replace immediately with four full new lengths. Line should not be able to contact inner surface of the deck when properly installed.

REPLACING CUTTING DISC

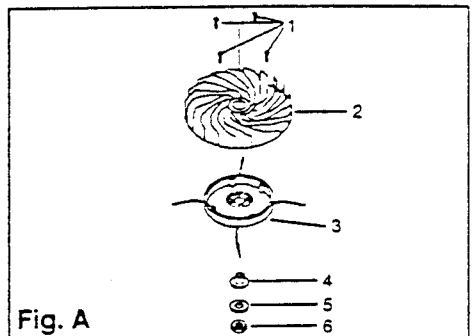


Fig. A

- Loosen nut (6), using a 5/8" socket. Remove nut (6), washer (5) and spacer (4) (if fitted).
- Carefully remove impeller disc assembly from engine shaft.
- Remove 4 screws (1) that attach disc to impeller.
- Attach replacement disc (3) to impeller (2) using 4 screws (1) removed in step 3, ensuring locator pins on disc and impeller are matched. See figure B
- Replace impeller disc assembly to engine shaft ensuring that it is correctly located. Replace spacer (4) (if fitted), and washer (5).
- Secure assembly with nut(6), making sure complete assembly is tight, (if in doubt, contact your service dealer).

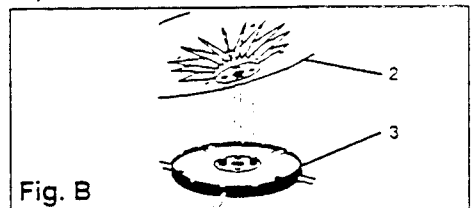


Fig. B

FAULT FINDING HINTS

DIFFICULT TO START

Check that the start/stop switch is in the 'start' position. Ensure vent hole in tank cap is clean. Fuel mixture may be stale (e.g. long time since trimmer was used). Renew with fresh mixture. Check that correct amount of 2 stroke oil is being used in the fuel mixture. Check that the cutting disc is securely tightened.

ENGINE OVERHEATING

Check flow of air over cylinder. Remove all grass and dirt. Check correct fuel mixture.

POOR FLOTATION OR LACK OF POWER

Check correct fuel mixture is used. Ensure underside of deck is clean. Air filter may need cleaning (see air filter maintenance). Ensure exhaust port on silencer does not have excessive build-up of carbon. Remove disc/impeller and clean thoroughly between vanes.

EXCESSIVE VIBRATION

Check that the cutting disc is securely fastened and undamaged. Tighten all external bolts and screws. Check crankshaft - it may be bent.

WARRANTY

Husqvarna offers a two year warranty against manufacturing defects. A full warranty statement is detailed on the service literature, and with the Tecumseh engine literature supplied with this product.

Husqvarna