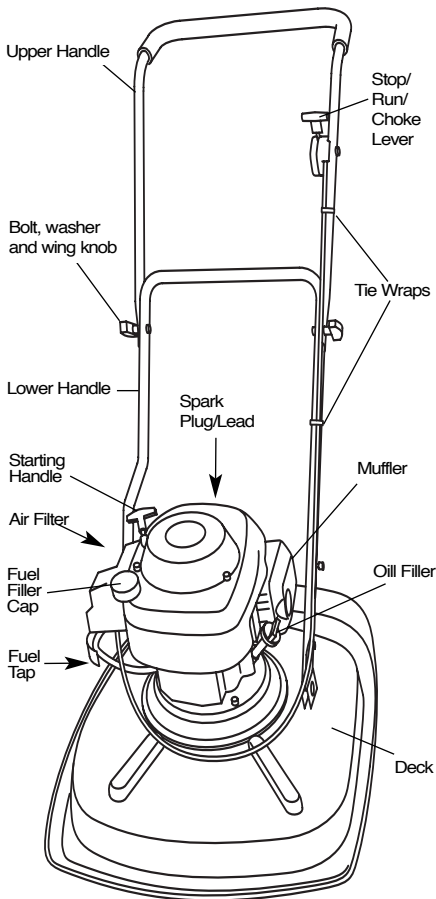


**READ THESE INSTRUCTIONS CAREFULLY!
KNOW YOUR CONTROLS.
LEARN HOW TO STOP YOUR TRIMMER IN AN EMERGENCY**

YOUR HONDA ENGINE OWNERS MANUAL COVERS TWO ENGINES. PLEASE READ THE MANUAL TO FULLY IDENTIFY AND USE THE FEATURES THAT APPLY TO YOUR PETROL TRIMMER
NOTE:- YOUR HUSQVARNA TRIMMER DOES NOT HAVE A FLYWHEEL BRAKE



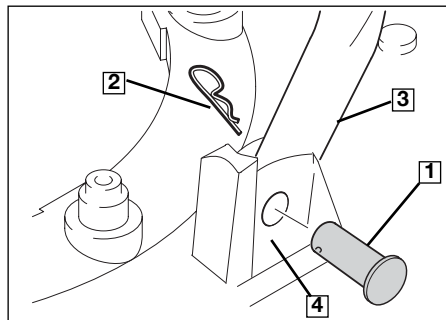
A WHEELS KIT IS AVAILABLE FOR THE HVT52 TRIMMER. ASK YOUR SERVICE DEALER FOR DETAILS.

PREPARATION

Before using your new Husqvarna Hover 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 spares and service.

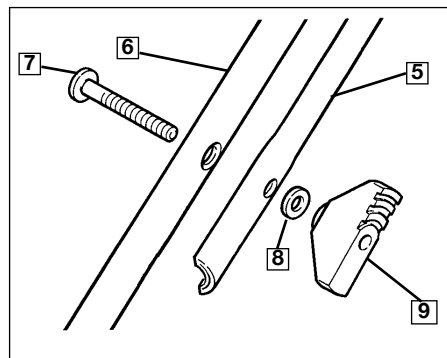
ASSEMBLY OF LOWER HANDLE TO DECK

- With the trimmer on the ground:
1. Remove the pins (1) and retaining clips (2) from the polythene bag.
 2. Place the lower handle (3) into the deck bracket (4).
 3. Insert the pin (1) through deck bracket (4) and lower handle (3).
 4. Secure by inserting the retaining clip (2) into the holes in the pin at the angle shown.



ASSEMBLY OF UPPER HANDLE TO LOWER HANDLE

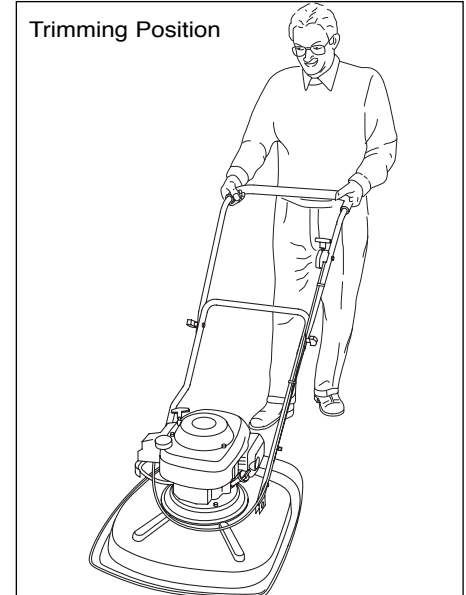
Assemble upper handle (5) to lower handle (6) by fitting bolts (7) and washers (8) and securing with wing knobs (9).



HANDLE POSITION

The handle position can be altered by moving it forward for the park position or back for the trimming position.

Trimming Position



TRANSPORTING THE TRIMMER

NOTE:
Before transporting the machine from one trimming area to another, close fuel tap and let engine continue to run until it stops (in order to empty the carburettor bowl) then disconnect the spark plug lead. Transport in a horizontal position.

NEVER TRANSPORT THE TRIMMER WHEN IT IS RUNNING.

WARNING AND SAFETY INSTRUCTIONS

THE FOLLOWING WARNING IS ATTACHED TO THE TRIMMER AND MUST BE ADHERED TO 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 the Manufacturer. * Cutting head continues to rotate after machine is switched off. * Disconnect spark plug lead before cleaning or adjusting the machine.



OPERATORS SAFETY

1. Always wear eye protection or safety goggles to protect against objects thrown out by the cutting line.
2. 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 trimmer for more than 1¹/₄ 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.
9. Muffler becomes hot - handle with care.

FUEL SAFETY

1. Use a container approved for the storage of gasoline.
2. 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 trimmer, or while using the trimmer.
5. Never fill the fuel tank, or service/maintain the machine in the presence of a naked flame.
6. Avoid spilling fuel, wipe up any spillage immediately.
7. Move at least 10 feet away from the fuelling site before starting the engine.
8. Empty the fuel tank before storing the trimmer.
9. Store machine and fuel in an area where fuel vapours 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 trimmer 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 close the fuel tap, let engine continue to run until it stops 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. Gasoline is highly flammable and gasoline vapour can explode. Unless the Trimmer is stored in the horizontal position, all fuel should be drained from the tank to prevent the risk of fuel leakage.

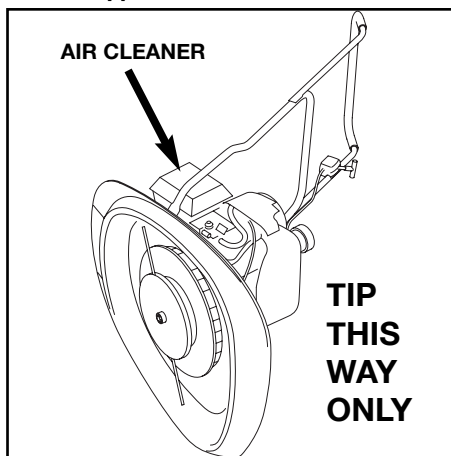


The engine exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

HOW TO USE YOUR TRIMMER

IMPORTANT

To service the underside of your machine, close the fuel tap, let the engine run until it stops, disconnect the spark plug lead and tip the machine on its side with the Air Cleaner upper most.



FUEL

Use a fresh, clean, unleaded regular automotive gasoline

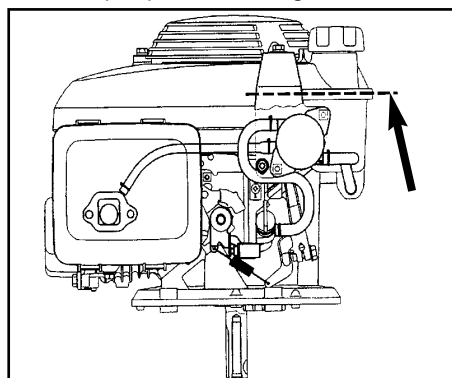
Note: Do not use gasoline containing methanol (wood alcohol). Gasoline containing up to 10% ethanol or grain alcohol ("Gasohol") may be used but requires special care when engine is unused for extended periods.

Do not fill the fuel tank in an enclosed area, when the engine is hot or while you are smoking or near a naked flame.

Thoroughly clean around the fuel tank filler cap before filling, this will help to prevent dirt being introduced into the fuel system. Fuel should be stored in a cool place away from naked flames.

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, only fill to the base of the filler neck. When filling the fuel tank from empty, or when the engine has previously run dry, a minimum of 400cc of fuel must be added (to the level of the line indicated in the diagram below) to ensure correct priming of the fuel pump to start the engine.



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

OIL

Use 4-stroke automotive detergent oil. SAE 10W-30 is recommended for general use. Fill with oil as instructed in your Engine Owners Manual provided with your product.

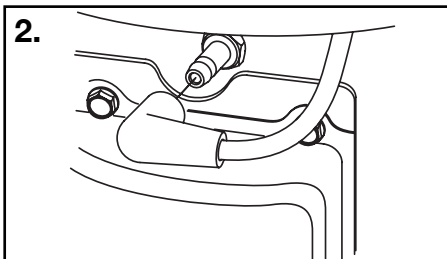
IMPORTANT

BEFORE STARTING YOUR TRIMMER, ADD OIL AND FUEL AS INSTRUCTED

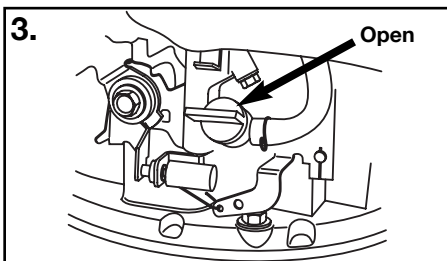
STARTING

STARTING

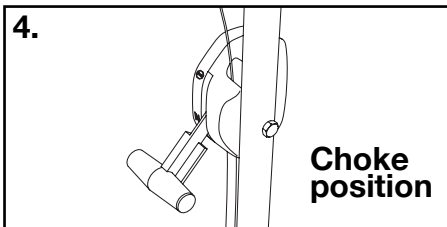
1. Before starting, move handle to park position.



2. Connect spark plug lead.



3. Open the fuel tap

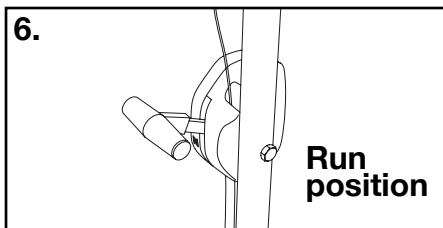


4. Move the Choke/Run/Stop lever to the 'Choke' position when starting from cold, and to the 'Run' when starting from hot.



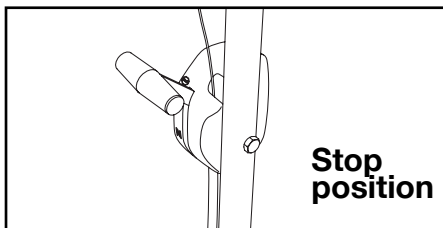
5. Place your right foot on the deck and grasp the arm of the handle with your left hand. Tilt the trimmer towards you. (See illustration above) Pull starting handle gently until you feel compression. Let the starting handle return slowly. Firmly pull the starting handle the full length, and the engine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

6.



6. After engine has started move Choke/Run/Stop lever to the 'run' position (if started from cold) and allow engine to warm up a minute or so before gently lowering trimmer to horizontal floating position. Move handle to operating position.

STOPPING THE ENGINE



1. Move Choke/Run/Stop lever to 'stop' position.
2. As the engine slows, tilt the trimmer slightly to one side. This prevents a ring being cut in your lawn.
3. When the engine has stopped, lower the trimmer to the ground.
4. Put the handle in the Parking position.
5. Close the fuel tap .

HOW TO CUT GRASS

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.

Always keep your feet on flat ground with the trimmer below you on the slope and with the spark plug uppermost to avoid lubricating oil running into the cylinder. Do not use this trimmer on slopes which are wet or more than 45° from horizontal. Always use heavy shoes when using this trimmer.

Never push the trimmer up the slope.

ON COMPLETION OF TRIMMING

Having completed the trimming follow the 'Stopping the Engine' Instructions

1. Disconnect the spark plug lead.
2. Clean trimmer. Use a flat piece of thin wood to remove grass adhering to underside of deck. Remove any leaves or grass cuttings from around the engine cooling fins, carburettor and impeller air openings.

MAINTENANCE OF YOUR TRIMMER

AIR FILTER MAINTENANCE

Never run the engine without a filter or with a dirty filter. This will greatly reduce engine efficiency and lead to engine damage.

Your trimmer is fitted with an Air Cleaner, the maintenance for which is as follows:-

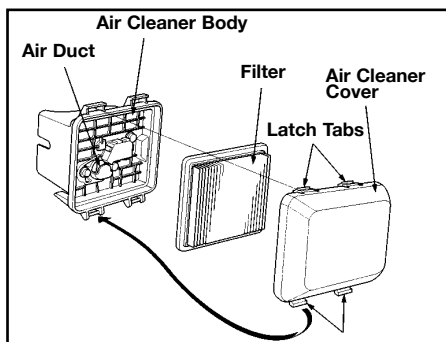
- Check the filter before each use.
- Clean every 25 hrs or more frequently when used in dusty areas.
- Replace filter every 200 hrs.

1. Press the latch tabs on the top of the air cleaner cover and remove the cover.
2. Check the filter is clean and in good condition.

If the filter is dirty:-

Tap the air filter several times on a hard surface to remove dirt, or blow compressed air through the air filter from the clean side that faces the engine. Never try to brush off dirt. Brushing will force dirt into the fibers.

3. Wipe dirt from the air cleaner body and cover using a moist rag. Be careful to prevent dirt from entering the air duct that leads to the carburetor.
4. Replace the filter and air cleaner cover.



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 0.028 - 0.031".

Do not remove spark plug when engine is hot. Do not sand blast the spark plug to clean it.

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).

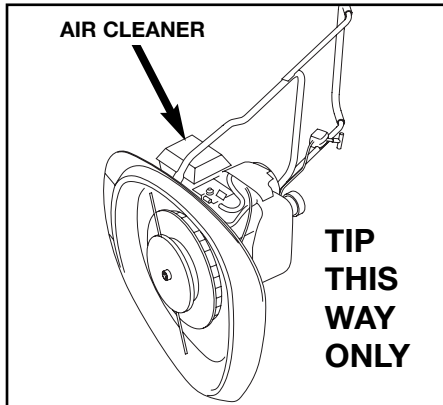
Inspect, clean and replace spark plug. Do not replace spark plug lead.

Check and replace cutting lines.

Store the trimmer in a dry, damp-proof secure area out of the reach of children. Store in a horizontal position, or drain fuel from tank if stored vertically with spark plug up.

IMPORTANT

To service the underside of your machine, close the fuel tap, let the engine run until it stops, disconnect the spark plug lead and tip the machine on its side with the Air Cleaner upper most.



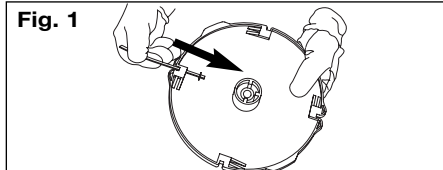
CUTTING LINE

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

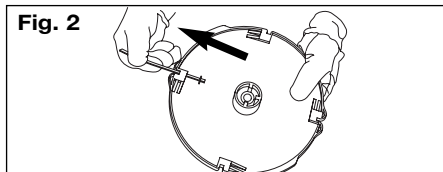
Switch machine off and disconnect spark plug lead.

Push the line towards the centre of the cutting disc and carefully remove. See Fig 1.



Renewing the Cutting Line

Thread through the hole on the rim of the cutting disc and carefully pull the line into place as illustrated in 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 two lengths of line replace immediately with two full new lengths. **Important:- Only fit two cutting lines at any one time**

HEIGHT ADJUSTMENT

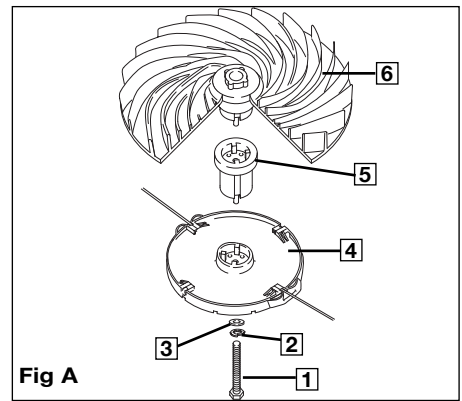


Fig A

1. Loosen bolt (A1), using a 9/16 AF socket. Remove bolt (A1), spring washer (A2), washer (A3), cutting disc (A4) and spacer (A5) (if fitted).
2. Carefully remove impeller (A6) from engine shaft.
3. Select required height of cut, (See Figs B, C, D & E) and replace any cutting lines required, ensuring that cutting line is fitted on correct side of cutting disc.
- **Important:- Cutting line must be on the side of the disc facing the grass when fitted.**
4. Replace impeller (A6) on to engine shaft ensuring that it is correctly located. Replace spacer (A5) (if fitted), cutting disc (A4), washer (A3), spring washer (A2) and bolt (A1).
5. Secure assembly with bolt (A1), making sure complete assembly is tight, (if in doubt, contact your service dealer).

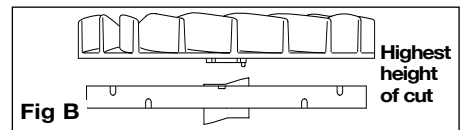


Fig B

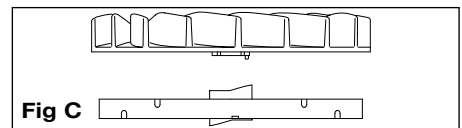


Fig C

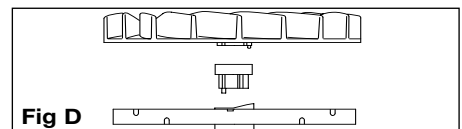


Fig D

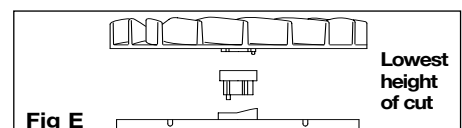


Fig E

FAULT FINDING HINTS

DIFFICULT TO START

Check that the Choke/Run/Stop lever is in the 'choke' position when cold and the 'run' position when hot. Ensure fuel tap is open. Fuel may be stale (e.g. long time since trimmer was used). Renew with fresh fuel. Check that the cutting disc is securely tightened.

ENGINE OVERHEATING

Check flow of air over cylinder. Remove all grass and dirt. Check air filter is clean.

POOR FLOTATION OR LACK OF POWER

Ensure underside of deck is clean. Air filter may need cleaning (see air filter maintenance). 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 have bent.

ENGINE WARRANTY

A full warranty statement is detailed on the service literature, and with the Honda engine literature supplied with this product.

