

Safety Precautions

WARNING: BLADE CONTINUES TO ROTATE AFTER THE MACHINE IS SWITCHED OFF

HEALTH AND SAFETY AT WORK ACT 1974

The above act recommends that operators should always wear safety footwear in order to comply with employer/employee responsibilities.



■ **Instructions.** Know your controls. Read the Instructions carefully. Learn how to stop the engine quickly in any emergency.

■ **Starting the Engine.** Start the engine carefully following the Starting Instructions.

■ **Stones etc.** Make sure the lawn is clear of sticks, stones, bones, wire and debris. They could be thrown by the blade.

■ **Inspecting blade etc.** Before using the mower always visually inspect to see that the blade, blade bolt and blade spacers are not worn or damaged. Replace if they are worn or damaged.

■ **Safe Operating.** Always be sure the mower is in safe operating condition. Use only replacement parts issued and guaranteed by Flymo Ltd.

■ **Always switch off and disconnect the spark plug lead** before carrying out adjustments, cleaning or moving mower. The cutting blade is like an aircraft propeller - one touch could start the engine.

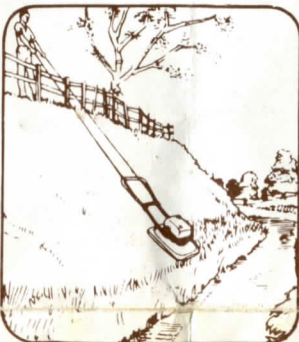
■ **Abnormal Vibration.** If the mower starts to vibrate abnormally, stop the engine immediately and examine the cause. (See fault finding hints.)

■ **Never use your mower with an unbalanced blade.** This will cause heavy vibration and undue wear.

■ **Damaged Blades etc.** Damaged blades and worn bolts are major hazards. Check all nuts, bolts and screws often.

■ **Short Banks.** Always stand on the level part **at the top** of the slope, and ensure your foothold is secure. Details for an extended handle specification is available - contact 'Flymo After Sales Department'. When using extended handles, always use with a 'Stop/Start Switch' in the operator zone position.

■ **Long Banks.** Always stand on the level part **at the top** of the bank. Do not walk down the bank whilst using the mower. Attach a length of rope to the handle of the mower. Cut by lengthening the rope to lower the mower. When using a rope be sure to keep it away from moving parts of the mower. Always use a 'Stop/Start Switch' in the operator zone position when using a length of rope. Details available from 'Flymo After Sales Department'.



■ **Warning - Footwear.** Do not mow barefoot or in light shoes or sandals. Always wear heavy shoes with a good grip. Remember cut grass is damp and therefore slippery. On banks and other areas where there is a possibility of slipping it is recommended that suitable safety shoes are worn.

■ **Children.** Do not allow children under sixteen or people unfamiliar with these instructions to use the mower.

■ **People in Mowing Area.** Do not mow whilst people, especially children, or pets are in the mowing area.

■ **Engine Overheating.** Do not allow grass to collect in the slots between the cooling fins of the engine or beneath the starter.

■ **Hitting Objects.** If the blade hits an object, stop the engine immediately, disconnect the spark plug lead and examine the mower, particularly the impeller, blade and blade spacers for possible damage. Check the crankshaft as there is a risk that the impact load caused by the sudden halt of a fast revolving blade might be strong enough to bend it.

■ **Wet Grass.** When mowing on wet grass be extra careful of your footing.

■ **Filling Fuel Tank.** Add fuel before starting the engine. Avoid spilling petrol and do not fill the tank while engine is hot, running or while you are smoking.

■ **Fuel Storage.** Store fuel in a cool place in a container specially designed for the purpose. In general, plastic containers are unsuitable.

■ **Unattended Mower.** Stop the engine whenever you leave the mower.

■ **Speed of engine.** Do not over-speed the engine or alter governor setting. Excessive speed is dangerous and shortens mower life.

■ **Blade Rotation.** Keep hands and feet away from the underside of the hood. The fast rotating blade cannot be seen. Remember, the blade continues to rotate after the engine has been switched off.

■ **Pulling mower.** Do not walk backwards or pull mower towards you.

■ **Carbon Monoxide.** Do not start or operate the engine in a confined space where exhaust fumes (carbon monoxide) can collect.

■ **Using Mower.** Always keep the mower flat on the grass when in use. Mow only in daylight or good artificial light.

■ **Do not try to use your mower as a cultivator.** If you are trying to tame a 'jungle' in your garden which is overgrown with weeds, brambles and bushes it is better to use a machete because in such circumstances the mower cannot be kept flat on the ground and you may lose control.

■ **Gravel Paths etc.** Stop the engine before taking mower across any surface other than grass.

■ **Lifting or Carrying.** Never pick up or carry the mower when engine is running.

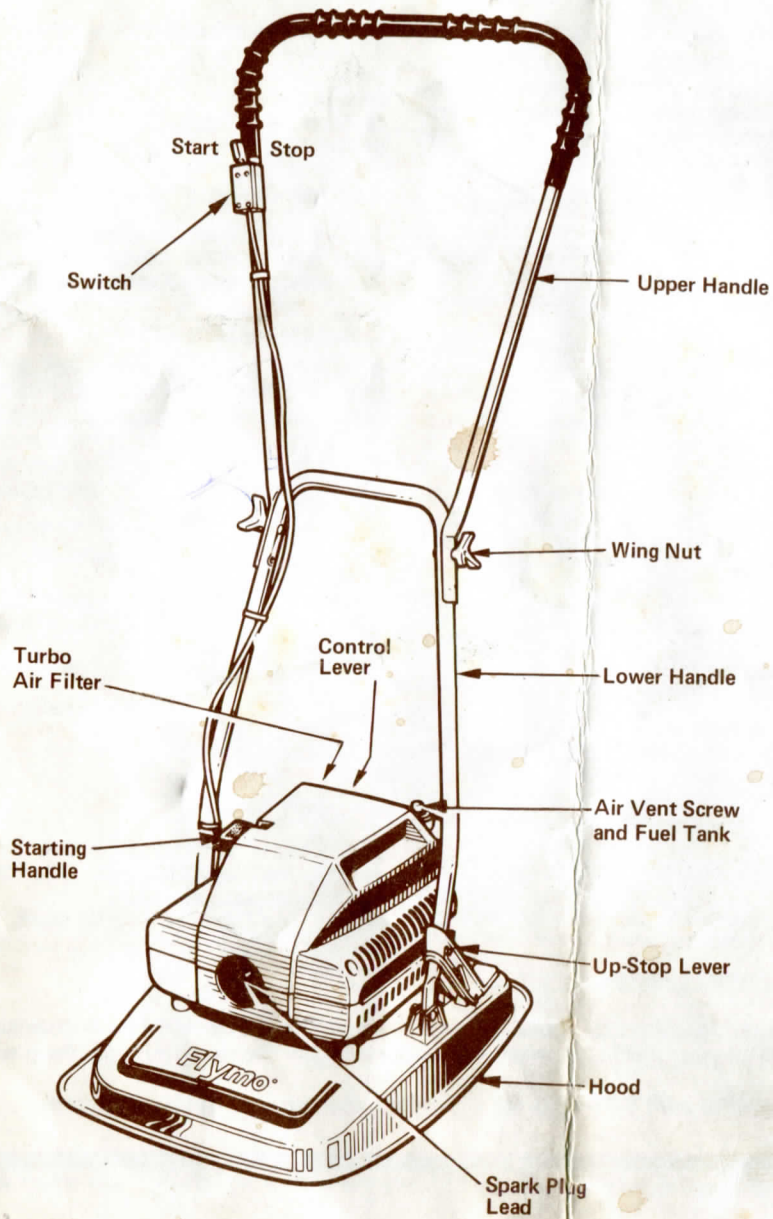
■ **Storing Mower.** Allow the engine to cool down before storing the mower.

■ **Blade spacers.** Listed below, are the correct number of spacers for your machine. The product number can be found on the serial number label at the base of the lower handle.

Product No.	Model	Min.	Max.
9630141	L38-3	0	3
9630441	L47-3	0	2
9630143	L38-4	0	3
9630443	L47-4	0	2
9631031	GT2-4	0	2

Note: The above list does not apply in Australia or New Zealand.

Preparation

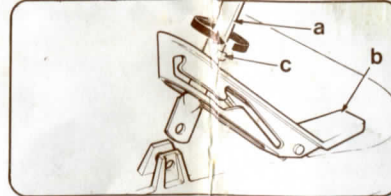


(L-38 model depicted)

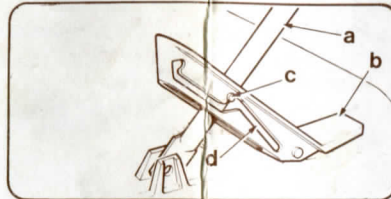
Before using your new Flymo, make a careful note of the details on the serial number label which can be found at the base of the lower handle. Always quote these details to your dealer when enquiring about spares and service.

ASSEMBLY OF LOWER HANDLE TO HOOD

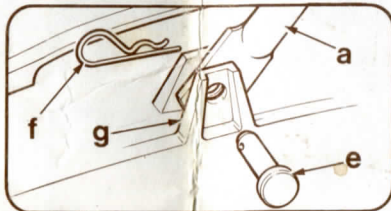
1. Put end of lower handle (a) through the up-stop lever (b) until pin (c) stops it going any further. Turn lower handle anti-clockwise through 90° to allow it to travel further through the up-stop lever.



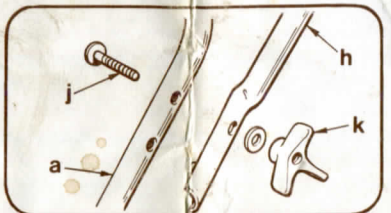
2. Turn lower handle (a) back in a clockwise direction so that pin (c) enters slots (d).



3. Remove pins (e) and clips (f) from the bracket (g). Place lower handle (a) in position between brackets (g). Insert pins (e) through the holes in bracket and lower handle and place clips (f) through the holes in pins (e).



Assemble upper handle (h) to lower handle (a) by fitting bolts (j) and securing with washers and wing nuts (k).



ADJUSTING THE CUTTING HEIGHT

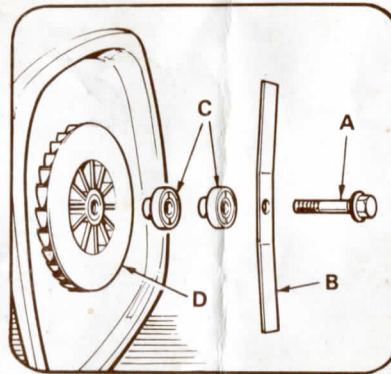
Before cutting decide on height of cut required.

Take care when handling the cutting blade which may be sharp and a danger to your fingers.

Adjustments to the cutting height are made by removing or adding blade spacers.

Important: For maximum and minimum numbers of blade spacers that can be fitted to your machine, see "Safety Precautions" above for the Product No. of your machine.

1. Disconnect spark plug lead and shut fuel tank air vent screw.
2. Turn mower upside down or on its side in order to expose cutting blade and blade bolt.



3. Remove blade bolt A and blade B.

4. You can now take out or add one or more blade spacers C, to maximum stated above.

5. Re-assemble and tighten blade bolt firmly with spanner provided. Do not use a longer spanner. Failure to tighten the bolt sufficiently may be the cause of difficult starting. In addition, damage to the engine in use and to the blade spacers could result.

It is important to ensure that each blade spacer is correctly located on the impeller D or the next blade spacer.

FUEL MIXTURE

(Ratio: 1 oil to 25 petrol)

Do not use standard 2-stroke mixture as normally supplied premixed from garage pumps, neat petrol or multigrade oil.

Use only Flymo 2-stroke Mower Oil mixed with fresh 2-Star petrol (90 Octane minimum). Always ensure that the fuel in both your fuel mixture container and the Flymo fuel tank are well mixed before use. Do not fill tank when engine is hot. To avoid introducing dirt into the fuel system thoroughly clean the filler cap before unscrewing it. Fill tank through a funnel with a filter. Store fuel in a cool place in a container specifically designed for the purpose. In general plastic containers are unsuitable.

Carburettor

The carburettor on your engine has been carefully set in the factory. No further adjustment is necessary.

CARRYING THE MOWER



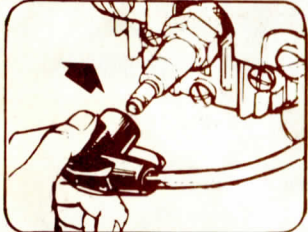
Note: Before carrying machine from one mowing area to another, close fuel tap and let engine continue to run until it fades (in order to empty carburettor bowl). Then disconnect spark plug lead.

Carry the mower at the point of balance (see illustration) with the cutting blade away from you. **NEVER CARRY A MOWER WHEN IT IS RUNNING.**

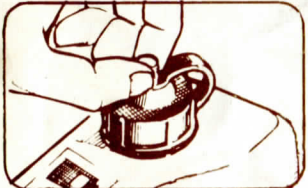
How to use your mower

STARTING

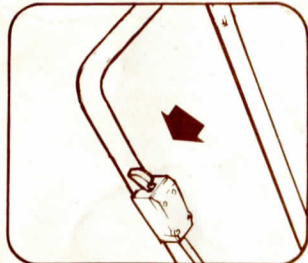
A Move handle to the upright position.



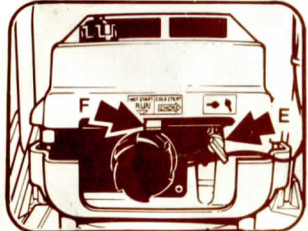
B Connect spark plug lead.



C Open fuel tank air vent screw.



D Move switch to 'start' position.



E Open fuel tap (E) then allow 30 seconds for the carburettor to fill with fuel.

F To start the engine from cold push the control lever (F) to 'choke' position (as far to the right as possible). To restart a warm engine, put the lever in the 'run' position.



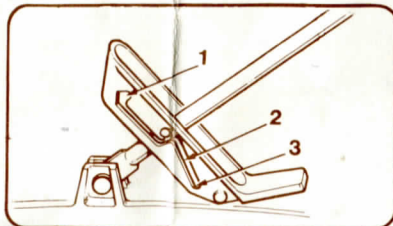
G Place your left foot on the hood and grasp the far arm of the handle with your left hand. Tilt the mower towards you. Pull starting handle gently until you feel compression. Let the starting handle return slowly. Firmly pull the handle the full length, and the engine should start; if not, repeat the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

H Only when the engine is running at operating speed should the mower be gently lowered to the horizontal floating position. When engine is warm move control lever (F) to 'run' position. Always allow engine to warm up for a minute or two before mowing.

UP-STOP LEVER

To move the handle from mowing position to upright position or for hanging flat on the wall, just press down on the Up-Stop Lever.

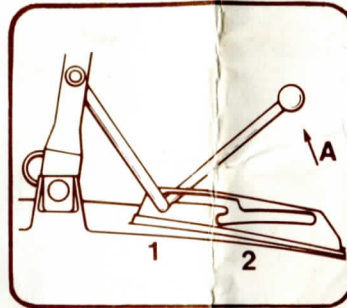
1. Parking
2. Mowing
3. For hanging flat on the wall



UP-STOP

To unlock, lift release lever (A). You can then move the mower handle to the required position.

1. parking
2. mowing and folding flat on wall for storage.

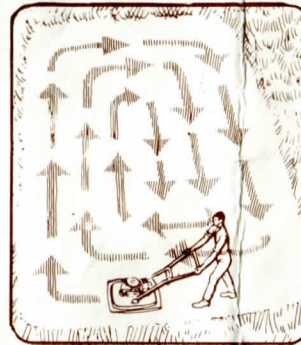


TEMPORARY STOPPING

Move the control lever to 'stop' position, or switch to 'stop' position. Remember to tilt the mower towards you before switching off. Failure to do this will cause the blade to cut a ring on the lawn.



HOW TO CUT



To obtain the best results, cut area of grass starting from the outer edge. Mow in a clockwise direction in decreasing circles from the edge of the lawn inwards. This makes full use of the mower's ability to mulch the clippings. **Trim your lawn twice a week during the growing season.** Your lawn will suffer if more than a third of the length of grass is cut at any time.



Tough and high grass. To cut very tough or high grass, remember to use minimum number of blade spacers. (See "Safety Precautions" overleaf for Product No.) If grass is particularly tough, go slowly in order to keep engine revs up. Before cutting, particularly in long grass, examine the ground and remove stones etc.

WHEELED UNDERCARRIAGE



A 3-position wheeled undercarriage is available for petrol mowers. In position 1 the mower can be wheeled from one area to another after engine has been switched off. The 2nd position enables difficult grass areas to be cut with greater ease. The undercarriage is fully retracted in position 3 when the mower can be used in the normal Flymo manner.

COMPLETION OF MOWING

Having completed the mowing, do not stop the engine but follow this procedure.

1. Close air vent screw.
2. Fully close fuel tap.
3. As soon as the engine begins to fade, tilt the mower towards you.
4. After the engine has stopped, move control lever (F) or switch to 'stop' position, disconnect the spark plug lead.
5. Clean mower. Use a flat piece of thin wood to remove grass adhering to underside of hood. A clean machine will always work better and last longer than a dirty one.

Maintenance of your mower

(A) BY THE OPERATOR

On Completion of Mowing:-

1. Clean grass from under hood with a thin flat piece of wood. Remove any leaves or grass cuttings from around the engine cooling fins, carburettor and impeller air openings.

2. Check that the blade spacers and blade are correctly fitted and the blade bolt is tightened.

Blade balancing

It is not necessary to have a razor edge on the Flymo blade, but it is essential to ensure the blade is balanced and not deformed. It should be periodically removed and filed clean. Make sure that equal amounts are filed off both ends of the blade. After filing, balance your blade on a pencil to ensure even weight either side.



If the edge of the blade is less than $\frac{2}{3}$ of its original width at the ends it must be replaced by a new blade. Your Service Dealer has instruments to balance your blade more accurately. It is in your interest to consult him.

1. 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: .025" (0.6 mm)

Do not remove spark plug when engine is hot.

Do not sand blast the spark plug to clean it.

2. Air Filter

Your mower is fitted with a turbo filter, the maintenance for which is as follows:-

When the engine performance drops (e.g. difficult starting or loss of revs) check the air cleaner.

1. Remove the two screws (D) which retain the filter cover. Take off the cover (A) and remove the two filters (E) and (F).

2. Clean inside the filter cover (A) thoroughly.

3. Shake or tap the thick black filter (E) to remove any dirt or dust.

If the thin white filter (F) is oil soaked and/or covered with dust, replace it.

DO NOT OIL THE FILTERS.

4. Replace the thicker filter (E) in the recess of the filter cover and the thinner one (F) on top taking care not to crease them.

5. Clean the plastic filter body (G) with a small brush.

6. Replace the filter cover (A) and the two retaining screws.

7. It will only be necessary to remove cap (B) by taking out the two screws (C) if there is visual evidence of grass or excess dust.

Winter Care

For trouble-free mowing next season make sure that your mower 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).

Close fuel tap.

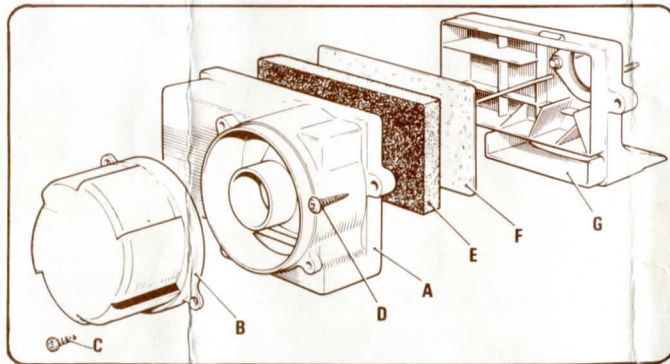
■ Thoroughly clean all external parts of the mower.

■ Clean turbo filter (see maintenance).

■ Remove spark plug lead and spark plug. Insert a long bladed screw driver or pencil into the spark plug hole until resistance is felt. Then slowly pull starting handle until screwdriver will not go in the hole any further. In this position the magneto points are closed thus ensuring that they are not affected by damp and its resulting corrosive action. Inspect, clean and replace spark plug. Do not replace spark plug lead.

■ Sharpen and balance blade.

■ Store the mower in a dry, damp proof place, preferably indoors.



FAULT FINDING HINTS:-

Difficult Starting

■ Check that the start/stop switch is in the 'start' position.

■ Check control lever is in 'choke' position if engine is cold, or in 'run' position if engine is warm.

■ Ensure air vent screw is open and hole in tank cap and seal is clear.

■ Ensure fuel tap (where fitted) is open.

■ Petrol/oil mixture may be stale (e.g. long time since mower was used). Renew with fresh mixture.

■ Check that correct amount of 2-stroke Oil is being used in the fuel mixture.

■ You may have flooded the engine. If so remove and dry spark plug. Crank engine, with spark plug out, to remove excess fuel.

■ Before replacing dried plug, check for spark. Move switch to 'start' position. Move lever to 'run' position. Place base of plug (connected to spark plug lead) against engine. Crank engine when a spark should jump across plug points. If there is no spark, clean or renew plug.

■ Check blade bolt is tightened. A loose blade bolt could cause difficult starting.

Poor Flotation or Lack of Power

■ Check correct fuel mixture is used.
■ Ensure underside of hood is clean.
■ Turbo air filter may need cleaning (see maintenance).

■ Ensure exhaust port on silencer does not have excessive build-up of carbon.

■ Remove impeller and clean thoroughly between vanes.

Engine Overheating

■ Check flow of air over cylinder. Remove all grass and dirt.

■ Check correct fuel mixture is used.

Excessive Vibration

■ Cutting blade may be unbalanced.

■ Check that cutting blade and blade spacers are fitted correctly.

■ Tighten all external bolts and screws.

■ Crankshaft may have been bent by blade hitting heavy or immovable objects such as tree roots.

(B) BY THE SERVICE DEALER

To ensure the maximum life of your Flymo and trouble-free mowing, the manufacturer recommends your machine is regularly serviced by your Flymo Authorised Service Dealer. The Authorised Service Dealers have the equipment, facilities and factory trained personnel to advise you on the service requirements of your particular machine. Depending on the machine use, they will recommend one of the various types of service which are designed to ensure the maximum economic service life.

IMPORTANT: The increasing popularity of power mowers puts a great work load on the Service Dealers. It is not unknown to wait 6-8 weeks for a mower to be serviced during the spring and summer. To ensure a flying start to your mowing season, have your mower serviced between October and January.

GUARANTEE: If there is any Flymo part or parts found to be defective in materials and/or workmanship within one year of original purchase, Flymo Ltd., via the authorised dealer, will effect the repair or replacement at no charge to the customer providing the fault is reported direct to the dealer.

If there is any engine part or parts found to be defective in material and/or workmanship within one year of the original purchase, the engine manufacturer, via the authorised dealer, will effect the repair or replacement at no charge to the customer providing the fault is reported direct to the dealer. In all cases, if the machine is used commercially the guarantee period on all components is 90 days with the exception of Briggs & Stratton and Tecumseh engines, these being 1 year. The terms of the above guarantee are in addition to the "customers statutory rights".

The policy of continuous improvement means that specifications may be altered without prior notice.

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