



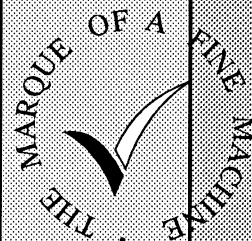
# HAYTER

## HARRIER 41 ELECTRIC

CODE 309T  
ELECTRIC

CODE 311T  
ELECTRIC

## OWNER'S HANDBOOK



HAYTERS PLC BISHOP'S STORTFORD, HERTS CM23 4BU ENGLAND

FROM SERIAL NO: 2879 (309T) FROM SERIAL NO: 1203 (311T)

HANDBOOK 309038 (REV.0)

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## CERTIFICATE OF CONFORMITY

I, the undersigned A. D. BONE, of ;  
 Hayters plc, Spellbrook, Bishop's Stortford,  
 Herts, CM23 4BU,  
 ENGLAND.

certify that the lawnmowers;

|                                  | CODE 309T         | CODE 311T         |
|----------------------------------|-------------------|-------------------|
| 1. Model No.                     | 309T              | 311T              |
| 2. Category.                     | Electric Rotary   | Electric Rotary   |
| 3. Make.                         | Hayter            | Hayter            |
| 4. Type.                         | Rotary            | Rotary            |
| 5. Motor - Manufacturer.         | Nuova Ibmie 1.5kw | Nuova Ibmie 1.5kw |
| - Type.                          | CPI 2-132/HT2     | CPI 2-132/HT2     |
| - Speed of rotation during test. | 2950 rpm          | 2950 rpm          |

Conforms to the specifications of Directive 84/538/EEC as  
 adapted to technical progress by Directive 87/252/EEC and  
 amended by Directive 88/188/EEC.

|                                              |           |           |
|----------------------------------------------|-----------|-----------|
| <b>Guaranteed maximum sound power level.</b> | 93dB(A)   | 93 dB(A)  |
| - Type of cutting device.                    | Cutterbar | Cutterbar |
| - Width of cutting device.                   | 41cm      | 41 cm     |
| - Speed of rotation of the cutting device.   | 2950rpm   | 2950 rpm  |
| TESTED AT SUDBURY,<br>SUFFOLK, ENGLAND.      | 16.12.92  | 16.12.92  |

 (Technical Manager)

  
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**INTRODUCTION**

Thank you for purchasing a **Hayter** mower. The following pages are designed to help you gain safe and efficient service from your machine.

**IMPORTANT :** Read and understand this handbook prior to operating your machine for the first time. Make sure you are familiar with all the controls and points of regular maintenance. If you have any doubts, consult your **Hayter** authorised dealer who will be pleased to give you assistance.

All **Hayter** mowers are robustly constructed and designed for efficient economical performance under normal mowing conditions. Correct operation and maintenance will ensure a long and satisfactory service life. Prior to despatch from our factory every effort is made to ensure your machine arrives in perfect condition. Your dealer will carry out a pre-delivery inspection to ensure that there has been no transit damage prior to installation. **Please allow your dealer to familiarise you with the controls and safety features of the machine during installation.** Throughout this handbook all references to left hand and right hand are as viewed from behind the handlebar, facing in the direction of forward travel.

This handbook is based on information available at the time of publication. **Hayters PLC** reserve the right to make changes at any time without notice.

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**LIMITED WARRANTY**

**Hayters PLC** warrants to the original user/ purchaser that this unit shall be free from defects in material and workmanship under normal use and service for a period of one year from the date of purchase. This warranty does not cover wearing parts i.e. cutterbars, wheels and tyres.

This warranty which is your exclusive right, does not apply to any unit that has been tampered with, altered, misused, abused or used for hire and will become invalid if non genuine **Hayter** parts are fitted. This warranty does not cover minor mechanical adjustments unless they are due to defective materials or workmanship. Consult the owners handbook or your authorised **Hayter** dealer for assistance when making these adjustments.

**A warranty period of 90 days applies to machines used for commercial purposes.**

To make a warranty claim, return the unit to the authorised **Hayter** dealer through whom the machine was originally supplied, along with proof of purchase indicating the machine serial number and purchase date. Subject to the conditions and exclusions in this limited warranty, the authorised dealer will, at our option, repair or replace any warranted part within the duration of the warranty period.

This limited warranty gives you specific legal rights and is in addition to any statutory rights to which you may be entitled. If you need additional information concerning this written warranty or assistance in obtaining services please write to:

**HAYTERS PLC, Service Department, Spellbrook, Bishop's Stortford, Herts. CM23 4BU.**

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**SAFETY PRECAUTIONS**

**THIS SYMBOL MEANS BE ALERT! YOUR SAFETY IS INVOLVED. EXERCISE GREAT CARE AND FOLLOW THE ADVICE GIVEN TO AVOID POTENTIALLY HAZARDOUS SITUATIONS.**

**The Harrier 41 Electric Mower is perfectly safe if used correctly. Failure to observe the following simple precautions may result in serious injury.**

**Training:**

Read the instructions carefully. Ensure that you are familiar with the controls and the proper use of the equipment. Learn how to stop the mower quickly in an emergency.



Never allow children or people unfamiliar with these instructions to use the mower.



Never mow while people, especially children, or pets are nearby.



Keep in mind that the user is responsible for accidents or hazards occurring to other people or their property.

**Preparation:**

It is recommended that a high sensitivity Residual Current Device ( RCD ) with a trip current of not more than 30mA is installed at the mains power socket. This will provide the user with additional protection against electric shock. The fuse installed in the plug only provides protection for the electrical equipment and will not safeguard against electrocution. Always check the RCD before using the mower.



**WARNING:** Regularly inspect the supply cable for signs of damage or ageing. Replace immediately if defective.



Always wear substantial footwear while mowing. Do not operate the equipment when barefoot or wearing sandals.



Thoroughly inspect the area where the mower is to be used and remove all stones, sticks, wires, bones and other foreign objects.



Always ensure that the mower is in a safe operating condition. Frequently check all nuts, bolts and screws for tightness. Use only genuine Hayter parts.

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**SAFETY PRECAUTIONS**

Continued.



Damaged cutterbars and loose fixing bolts are major hazards. Before use, visually inspect the cutting mechanism to ensure that it is in good condition. A damaged cutterbar must be replaced immediately with a genuine **Hayter** replacement part. Cutterbars which are slightly worn can be resharpened. Ensure that both cutting edges are resharpened equally to maintain balance. An unbalanced cutterbar may cause serious damage to your machine. Refer to "Maintenance."

**Operation:****WARNING: SWITCH OFF AND REMOVE PLUG FROM MAINS.**

- Before clearing blockages or unclogging the discharge chute.
- Before cleaning, checking or working on the mower.
- Whenever you leave the mower.
- After striking a foreign object. Inspect the mower for damage and make repairs before restarting and operating the mower.
- If the mower starts to vibrate abnormally ( check immediately ).
- If the supply cable is entangled.

**WARNING: THE CUTTERBAR CAN CONTINUE TO ROTATE AFTER THE MACHINE IS SWITCHED OFF.**

Keep the supply cable clear of the cutterbar at all times. Take care not to mow across the supply cable. Immediately disconnect the cable from the mains supply if this occurs and check for damage. Do not use a defective supply cable.



Mow only in the daylight or in good artificial light.



Avoid using the mower on wet grass, where feasible.



Always be sure of your footing on slopes.



Walk, never run.



Mow across the face of slopes, never up and down.



Exercise extreme caution when changing direction on slopes.



Do not mow excessively steep slopes.



Use extreme caution when reversing or pulling the mower towards you.

  
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**SAFETY PRECAUTIONS**

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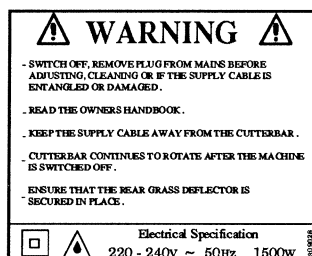
-  Switch off if the mower has to be tilted for transportation when crossing surfaces other than grass and when transporting the mower to and from the area to be mowed.
-  Never operate the mower unless the guards are securely in position and in good condition.
-  Start the mower carefully, with feet well away from the cutterbar.
-  Do not tilt the front of the mower more than is absolutely necessary when starting.  
Never lift the rear of the mower.
-  Do not put hands or feet near or under rotating parts.
-  Never pick up or carry a mower while it is running.
-  Do not lift the rear deflector plate whilst the mower is in operation, particularly when using without a grassbag.

**Maintenance and storage:**

-  Keep all nuts, bolts and screws tight to ensure that the mower is in a safe working condition.
-  Carefully examine the supply cable for signs of damage or ageing. Replace immediately if defective.
-  Check the grassbag frequently for wear or deterioration and replace if necessary.
-  Replace worn or damaged parts for safety.

**Warning decal:** Part No. 309028

Location: On the back of the motor cover



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## SPECIFICATIONS

| MODELS                   | CODE 309T<br>Electric                          | CODE 311T<br>Electric |
|--------------------------|------------------------------------------------|-----------------------|
| Supply                   | 220 - 240V ~50Hz                               |                       |
| Rated input              | 1500W                                          |                       |
| Fuse rating              | 13A                                            |                       |
| Weight                   | 25 Kg ( 55 lbs )                               |                       |
| Cutterbar speed          | 2950 rpm                                       |                       |
| Cutting width            | 410 mm ( 16" )                                 |                       |
| Cutting height           | 13- 57 mm ( 1/2" - 2.1/4" )                    |                       |
| Operator ear noise level | LpA 80 dB ( A )                                |                       |
| Sound power level        | LWA 93 dB ( A )                                |                       |
| Overall dimensions       | 1,270 x 451 x 1,041mm ( 50 x 17.75 x 41 inch ) |                       |

**Supply cable: ( For European specification - 311T only )**

**Cable** - HO5RNF, 3 x 1 sq. mm. **Appliance coupler** - VDE / CEE7. **Mains plug** - Fused in accordance with the above specifications and complaint with the local standards in the country of use. This item is not included with code 311T mowers due to variation in European mains plug specifications and should be supplied separately by your Hayter Dealer.

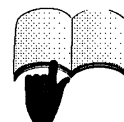
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## ASSEMBLY INSTRUCTIONS

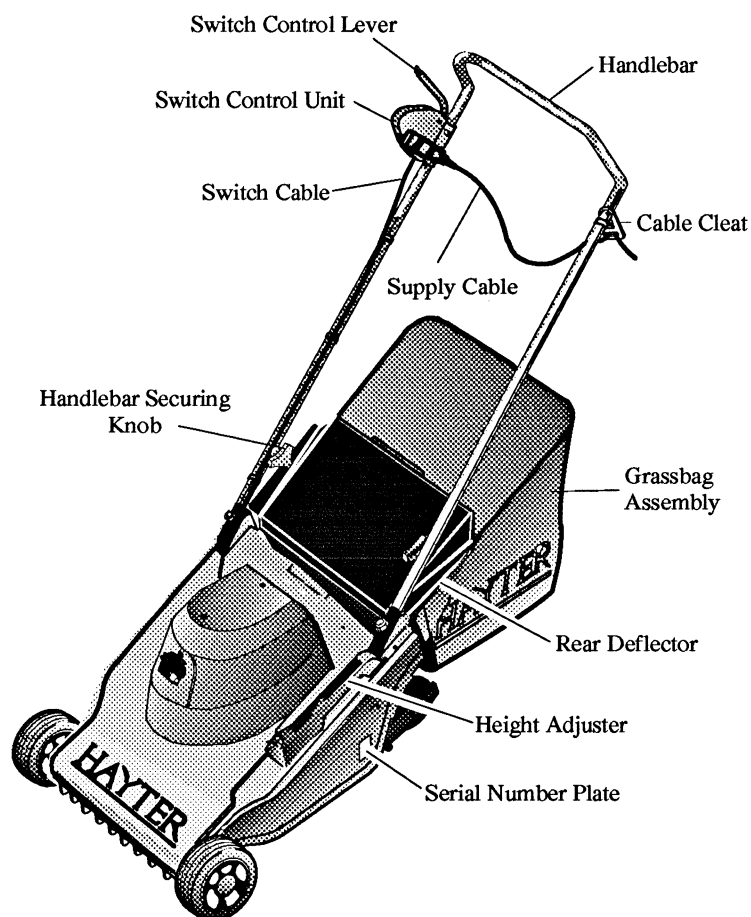
## SAFETY NOTICE



Before using the mower, read the owners handbook carefully.  
Pay particular attention to the safety precautions.



## GENERAL ASSEMBLY



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### ASSEMBLING THE MOWER FOR THE FIRST TIME

**Check that parts are delivered correctly:** Remove the mower from the packaging and check that all loose items have been supplied correctly. Refer to the delivery checklist opposite and the general assembly. If any items are missing, contact your local Hayter Dealer.

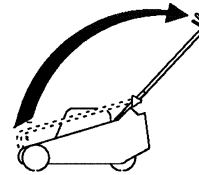
#### DELIVERY CHECKLIST

| Description                   | Quantity |
|-------------------------------|----------|
| Grassbag                      | 1        |
| Owner's Handbook              | 1        |
| Supply Cable -<br>(309T only) | 1        |

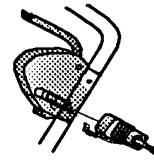
**Assemble the handlebar:** Unscrew the knobs securing the handlebar sufficiently to allow it to be pivoted and unfold the handlebar to the operating position. Tighten the two knobs to secure the handlebar.



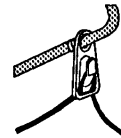
**CAUTION - PREVENT DAMAGE :** When unfolding the handlebar, take care to ensure that the controls and cables do not become damaged. Always replace damaged controls and cables before using the mower.



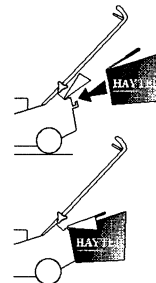
**Supply Cable:** Unpack the supply cable and identify the female socket end which is to be attached to the mower. Fold back the hinged protector cap and plug into the handlebar switch control unit. The hinged cap should snap into position behind the control unit when fully engaged.



Route the supply cable loosely across to the cable cleat on the left side of the handlebar. Make a loop in the supply cable and secure to the cable cleat.



**Assemble the grassbag:** Raise the rear deflector and connect the grassbag to the upper mounting points. Lower the grassbag to rest against the rear of the mower. Finally lower the rear deflector to rest against the top of the grassbag.



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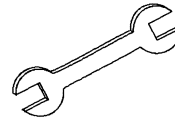
## ASSEMBLY INSTRUCTIONS

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### ASSEMBLING THE MOWER FOR THE FIRST TIME

Continued.

Check that all fasteners are secure.



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**ELECTRICAL CONNECTION**

**Electrical connection:** Position the mower on the grass area to be cut. Carefully uncoil the supply cable clear of the mower and take the plug end connection to the mains socket outlet. Ensure that the mains socket is switched 'OFF' before locating the RCD unit - Refer to "Safety Precautions" - Preparation. Switch 'ON' and check the operation of the RCD unit. Switch 'OFF' before installing the mower supply cable plug and finally switch on.

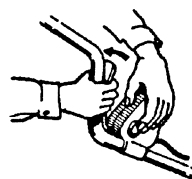
**BEFORE STARTING THE MOWER**

**WARNING:** The cutterbar rotates when the motor is running.

**ALWAYS** position the mower on a level stone free surface before starting the mower. Ensure that the cutterbar is set above grass height to prevent the motor being started under load.

**TO START THE MOWER**

**Operate the switch control lever switch:** Locate the switch control lever mounted on the handlebar and ensure that your feet are clear of the mower deck. Depress the safety button with the left hand and pull the lever towards the handlebar with the right hand. The motor will now start. The safety button will remain depressed until the lever is released. **Failure to depress the safety button before operating the lever can cause permanent damage to the switch control unit.**

**STOPPING THE MOWER**

**Stopping the mower:** Releasing the motor switch control lever will stop the motor.



**WARNING: AVOID ACCIDENTS - THE CUTTERBAR MAY CONTINUE TO ROTATE AFTER THE MOWER IS SWITCHED OFF**



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**SAFE MOWING PRACTICE**

**!** Take extreme care to avoid mowing across the supply cable. If this should occur, switch off immediately and disconnect the plug from the power supply. Carefully examine the cable for cuts and damage. A defective cable must be replaced before the mower is used again. Always be aware of the location of the supply cable in relationship to the mower and the grass area. Do not allow the cable to become hidden in the uncut grass. Keep the cable over the cut area at all times. A cable which is out of sight is out of mind and this could lead to a hazardous situation. Plan a 'cutting scheme' which works away from the power supply point and ensures that the cable is trailed out over the cut area. Work up and down the lawn in rows. Turn the machine round at the end of the row and step across the cable so that the cable is trailed along in the cut area on the return run.

When working around flower beds, prevent the cable from trailing across the cultivated area by positioning a stake at the corner of the bed. Do not allow the cable to be pulled around sharp obstructions. Stop mowing immediately if cable resistance is felt and remove the obstruction. Do not allow the cable to become entangled.

**!** **WARNING: PREVENT ACCIDENTS - SWITCH OFF, REMOVE PLUG FROM MAINS BEFORE ADJUSTING, CLEANING OR IF THE CABLE IS ENTANGLED.**

**SAFETY NOTICE**

**!** **CAUTION: PREVENT ACCIDENTS - Before mowing, thoroughly inspect the area where the mower is to be used and remove all stones, sticks, wires, bones and other foreign objects, which when contacted by the mower cutterbar could become dangerous projectiles. Inspect the area for hidden obstructions which when contacted by the cutterbar could risk health and safety. Remember the location of these obstructions and ensure that you mow around them.**



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**OVERLOAD PROTECTION**

Do not let the motor labour or slow down through being overloaded in work. When this situation occurs, raise the front of the mower slightly by bearing down on the handlebar, allow the motor to reach maximum speed and proceed to mow at a slower pace. Alternatively readjust to a higher cut position. If the motor continues to labour, switch off and remove the plug from the mains supply. Remove and empty the grassbag. Examine the discharge chute and remove any blockage. Turn the machine on its side and clear any obstruction from the cutterbar and the underside of the mower deck. Place the machine upright and replace the grassbag. Readjust to a higher cut position if necessary. Restart the mower and proceed to mow at a pace which does not overload the mower.



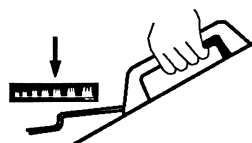
**IMPORTANT: PREVENT DAMAGE - Do not continue to operate the motor in an overloaded condition. If this does occur, stop mowing and allow the motor to run at maximum speed for one minute. This will allow the motor to cool down to its normal working temperature.**

**HEIGHT OF CUT**

**To adjust the height of cut:** Hold the trigger against the handle and raise or lower the mower using the handle to achieve the desired cut height. Release the trigger to secure the mower at the required position.

There are seven height of cut positions. The setting is indicated by the position of the connecting rod relative to the height of cut indicator.

Always select a height of cut to suit operating conditions. Aim to prevent engine overloading and blockages by avoiding low cuts in long grass conditions. Be prepared to make two cuts when the grass is long.



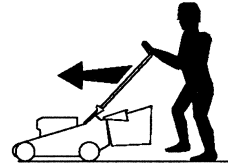
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**TRAVEL**

**Forward travel:** Hold and push against the handlebar with both hands to move the mower forwards.

**Reverse travel:** Hold and pull against the handlebar with both hands to reverse the mower towards you.

**CAUTION: PREVENT ACCIDENTS** - Always reverse the mower carefully towards you. Always switch off the motor before walking backwards with the mower.

**TURNING THE MOWER**

**To make a wide turn :** Steer the mower with the handlebar whilst travelling forward.

**To make a tight turn :** Stop forward travel. Apply downward pressure on the handlebar to raise the front wheels of the mower just above ground level and steer the mower using the handlebar in the required direction.



**CAUTION: PREVENT ACCIDENTS** - DO NOT raise the front of the mower excessively when making a turn. NEVER raise the rear of the mower when the motor is running.

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### MOWING WITH GRASS COLLECTION

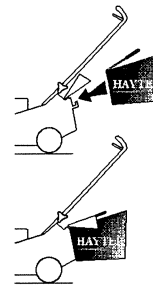
The grassbag is designed to collect grass clippings.

To achieve best grass collection performance, mow in dry operating conditions.

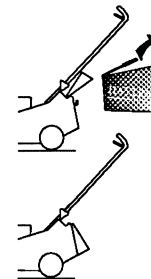
Recognise that when the grassbag is full the airflow stops and the grassbag deflates.

**CAUTION: PREVENT ACCIDENTS - ALWAYS check the condition of the grassbag for signs of damage. Replace a damaged grassbag immediately. DO NOT operate the mower with a damaged grassbag. ALWAYS stop the mower, switch off and remove from mains before attempting to remove a grass blockage.**

**Grassbag attachment:** Raise the rear deflector and connect the grassbag to the mounting points. Rest the grassbag against the rear of the mower and finally lower the rear deflector to rest against the top of the grassbag.



**Grassbag removal:** Raise the rear deflector and lift the grassbag away from the mower. Finally lower the rear deflector to rest against the rear of the mower.

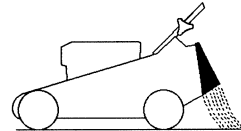


**Grassbag emptying:** To empty the grassbag, pour out the grass clippings and shake the grassbag vigorously to clean the airways. Good grass collection depends on good air flow through the grassbag. When collecting grass clippings it is important that the grassbag is emptied regularly to prevent blockages and engine motor overloading.

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**MOWING WITHOUT GRASS COLLECTION**

To mow without collecting the grass clippings, remove the grassbag and operate the mower with the rear deflector in its lowest position.



**CAUTION: PREVENT ACCIDENTS - ALWAYS check the condition of the rear deflector for signs of damage. Replace a damaged rear deflector immediately. Never operate the mower with a damaged rear deflector.**

**HEAVY GROWTH**

Areas of heavy growth should be mown without grass collection. If grass collection is required first mow the area without grass collection at the maximum height of cut setting. Allow the grass clippings to dry out and then mow the area at the maximum height of cut setting with the grassbag fitted. Reduce the height of cut and mow the area again as necessary until the required finish is obtained.

**TRANSPORTING THE MOWER**

Set the mower to its maximum height of cut to protect the cutting mechanism when transporting the mower over surfaces other than grass.



**CAUTION: PREVENT ACCIDENTS - Transport the mower carefully at slow walking speed with the motor switched off.**

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**CUTTERBAR OPERATION**

The cutterbar rotates at the same speed as the motor. The cutterbar will stop within five seconds of the motor being switched off.



**WARNING: PREVENT ACCIDENTS - DO NOT** operate the mower if the cutterbar fails to stop within five seconds. Return the mower to your Hayter dealer for examination and repair.



**WARNING: PREVENT ACCIDENTS - ALWAYS** stop the motor when a hidden obstruction or excessive vibration is encountered. Stop the motor, switch off, remove plug from mains and examine the cutting mechanism. ALWAYS replace a damaged cutterbar - refer to "Maintenance".

**MOWING AND GRASS CARE TIPS**

In dry weather conditions leave the grass long to help retain ground moisture.

Aerate the lawn to stimulate soil organisms and root growth. In spring and late summer remove dead grass and aerate the lawn by raking or using a purpose made product.

Maintain a sharp cutterbar. A blunt cutterbar will tear the grass and cause the tips to turn brown.

Prevent scalping. Plan your direction of travel to mow across hollows and humps.

Prevent grass damage. Stop forward travel when making a turn.

Prevent grass damage. **DO NOT** mow in wet conditions.

Brush the lawn surface to disperse worm casts before mowing.

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**MOWING AND GRASS CARE TIPS**

Continued.

Spike compacted lawn areas with a fork. Fill the holes with sand to improve aeration and drainage.

Mow lawns in a different direction to the previous cut.

As a general rule the grass clippings should be removed each time you mow. If weather conditions are dry and hot and the grass is weed free, leave the clippings on the lawn to help maintain ground moisture.

Mow lawns twice a week when the grass is growing vigorously in the summer.

Mow lawns once a week in spring, autumn and during prolonged dry weather in the summer.

**Prevent grass damage - DO NOT remove more than one third of the grass height in one cut.**

**Recommended cut height:**

DANGER Coarse grasses dominate fine grasses. \_\_\_\_\_ 38mm

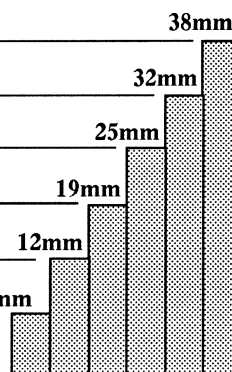
General lawn in spring, autumn or prolonged dry period. \_\_\_\_\_ 32mm

General lawn in summer. \_\_\_\_\_ 25mm

Luxury lawn in spring, autumn or prolonged dry period. \_\_\_\_\_ 19mm

Luxury lawn in summer. \_\_\_\_\_ 12mm

DANGER Grass strength is reduced. \_\_\_\_\_ 6mm



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**MAINTENANCE****SAFETY NOTICE**

 **CAUTION: PREVENT ACCIDENTS - ALWAYS SWITCH OFF AND REMOVE PLUG FROM MAINS BEFORE ATTEMPTING ANY MAINTENANCE PROCEDURES.**

 **DO NOT USE WATER WHEN CLEANING.**

**MOTOR**

**Motor:** The motor is maintenance free.

**GRASSBAG**

Remove grass debris from the grassbag immediately after use and check its condition for signs of damage.

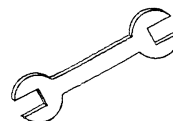
**CAUTION: PREVENT ACCIDENTS - ALWAYS replace a damaged grassbag immediately.**

**DECK HOUSING**

Remove grass debris from the deck housing and around the motor immediately after use.

**SECURING NUTS AND BOLTS**

Regularly check that all securing nuts and bolts are tight. Replace missing or damaged items immediately.



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357

**LUBRICATION**

Lubricate the wheels, pivot points and linkages with engine oil every 25 operating hours.

**CUTTERBAR**

**CAUTION: PREVENT ACCIDENTS** - The cutterbar has sharp edges. **ALWAYS** wear strong gloves to protect your hands when working on the cutterbar. **DO NOT** operate tools towards the cutting edges to avoid the risk of injury should the tool slip. **ALWAYS** use genuine Hayter replacement parts.

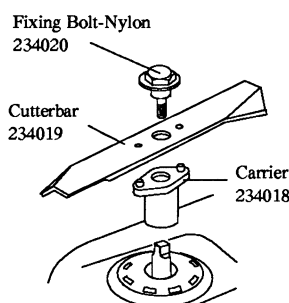
The condition of the cutterbar and its mounting arrangement should be checked regularly for signs of wear or damage. Ensure that the cutterbar is not bent or cracked.

A damaged cutterbar that is out of balance will vibrate excessively and may break. **DO NOT** use an unbalanced cutterbar.

Regularly check that the bolt securing the cutterbar is tightened to the specified torque of 27Nm ( 20 lbs. ft. ).

Replace the cutterbar every 2 years or sooner if excessively worn or damaged.

**To replace the cutterbar:** Turn the machine on its side. Use a 36mm A / F spanner to loosen the central fixing bolt by turning anti-clockwise. Use a strong glove or a thick pad to protect the hand while holding the cutterbar to prevent it turning. The carrier may slide off the shaft after removal of the cutterbar. This should be cleaned and replaced. Ensure that the flats on the shaft locate correctly with the flats on the carrier. Ensure that the new cutterbar is the correct way up before locating it onto the two carrier pins. Replace the central securing bolt and tighten to 27Nm ( 20 lbs. ft ) and again use hand protection to steady the end of the cutterbar. Do not pull or push the spanner towards the cutting edge of the cutterbar as a serious injury could result if the spanner slips.



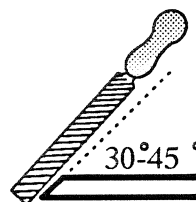
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**CUTTERBAR**

Continued.

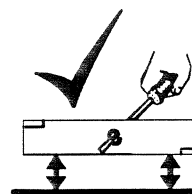
**How to sharpen and balance the cutterbar:** A slightly worn cutterbar may be re-sharpened. All cutting edges must be sharpened equally to ensure balance. Sharpen the cutterbar every 25 mowing hours or more frequently if conditions require.

Remove the cutterbar from the mower and clean using a brush and water. Inspect the cutterbar for signs of damage.

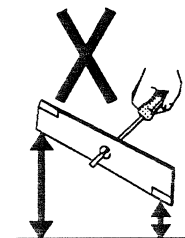


**DO NOT use a damaged or excessively worn cutterbar.**

Sharpen all the cutting edges with a flat file to restore the original cutting edge.



Ensure that the cutterbar is balanced. Use a screw driver with a round shaft to support the cutterbar through its centre hole. Hold the cutterbar horizontal and then release. A balanced cutterbar will remain horizontal. If the cutterbar is not balanced the heavy end will rotate downwards. Sharpen the heavy end until the cutterbar is correctly balanced.

**SUPPLY CABLE**

**Supply cable:** Check the condition of the supply cable for damage or ageing. Replace immediately if defective.

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3075

**FAULT FINDING**

| PROBLEM                                              | POSSIBLE FAULT                                  | REMEDY                                                                                                                                                                                                                        |
|------------------------------------------------------|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Motor fails to start.                                | Mains supply socket dead.                       | Test socket by plugging in another appliance.                                                                                                                                                                                 |
|                                                      | RCD tripped.                                    | Remove mower plug and check RCD action. Check the supply cable for any obvious signs of damage and replace immediately if defective. If no obvious faults are found a serious fault is indicated. Contact your Hayter Dealer. |
|                                                      | Plug pulled out of mains socket.                | Re-engage plug.                                                                                                                                                                                                               |
|                                                      | Fuse failure.                                   | Fit a new 13 amp fuse.                                                                                                                                                                                                        |
|                                                      | Supply cable damaged.                           | Disconnect from the mains and check the supply cable for any obvious signs of damage. Replace immediately if defective.                                                                                                       |
|                                                      | Cutterbar obstructed.                           | Disconnect from the mains and remove any obstructions.                                                                                                                                                                        |
|                                                      | Cable socket pulled out of switch control unit. | Re-engage cable socket.                                                                                                                                                                                                       |
| Motor will not stop.                                 | Faulty switch control unit.                     | Ensure switch lever has returned to the 'OFF' position. Disconnect from the mains and contact your Hayter Dealer.                                                                                                             |
| Cutterbar runs on excessively after switching 'OFF'. | Faulty brake unit.                              | Contact your Hayter Dealer.                                                                                                                                                                                                   |

  
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**FAULT FINDING**

Continued.

| PROBLEM                     | POSSIBLE FAULT                   | REMEDY                                         |
|-----------------------------|----------------------------------|------------------------------------------------|
| Motor vibrates excessively. | Mounting bolts loose.            | Tighten bolts.                                 |
|                             | Cutterbar bolt loose.            | Tighten bolt.                                  |
|                             | Cutterbar out of balance.        | Balance cutterbar.                             |
| Uneven cut                  | Undulating ground contours.      | Change direction of travel.                    |
|                             | Cutterbar worn.                  | Sharpen the cutterbar.                         |
|                             | Cutterbar out of balance.        | Balance cutterbar.                             |
|                             | Wheels / Roller damaged.         | Inspect and replace as necessary.              |
| Discharge chute blocks.     | Grass is wet.                    | Mow dry grass.                                 |
|                             | Cut height too low.              | Increase cut height.                           |
|                             | Grassbag full.                   | Empty grassbag.                                |
|                             | No airflow through the grassbag. | Clean the grassbag.                            |
| Mower is hard to push.      | Cut height too low.              | Increase cut height.                           |
|                             | Wheels / Roller damaged.         | Inspect and lubricate or replace as necessary. |
| Poor grass collection.      | No airflow through the grassbag. | Clean the grassbag.                            |
|                             | Discharge chute blocked.         | Remove blockage.                               |
|                             | Wet grass.                       | Mow dry grass.                                 |
|                             | Grassbag full.                   | Empty grassbag.                                |

  
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 8051

## PARTS LIST

| ITEM NO. | DESCRIPTION                  | PART NO. | QTY. |
|----------|------------------------------|----------|------|
| 1        | Cable Tie                    | 3966     | 3    |
| 2        | Carrier                      | 234018   | 1    |
| 3        | Gripfix                      | 02385    | 2    |
| 4        | Wheel Nut                    | 4486     | 2    |
| 5        | M8 Washer                    | 09475    | 5    |
| 6        | M8 x 40 Hex. Hd. Bolt        | 09681    | 3    |
| 7        | No. 8 x 1" Plastite Screw    | 09528    | 2    |
| 8        | M6 x 20 Taptite Screw        | 09575    | 2    |
| 9        | M8 Nylon Ins. 'P' - Type Nut | 09442    | 5    |
| 10       | M8 x 45 Coachbolt            | 09375    | 2    |
| 11       | Cutterbar                    | 234019   | 1    |
| 12       | Motor 1.5Kw                  | 309011   | 1    |
| 13       | Switch                       | 302096   | 1    |
| 14       | Hub Cap                      | 219143   | 2    |
| 15       | 6" Wheel                     | 302016   | 2    |
| 16       | Handwheel                    | 226013   | 2    |
| 17       | Deck                         | 300123V  | 1    |
| 18       | Throwplate                   | 300124   | 1    |
| 19       | Buffer - Anti - Rattle       | 300110   | 2    |
| 20       | Decal ( Royal Warrant )      | 5877     | 1    |
| 21       | Decal ( Hayter )             | 201110   | 1    |
| 22       | Decal ( Warning )            | 309028   | 1    |
| 23       | Securing Plate               | 219037   | 3    |
| 24       | M8 x 45 Handlebar Bolt       | 226024   | 2    |
| 25       | Grassbag Frame               | 300045   | 1    |
| 26       | Deflector                    | 300050   | 1    |
| 27       | Deflector Rod                | 300051   | 1    |
| 28       | Deflector Spring O / S       | 300052   | 1    |
| 29       | Deflector Spring N / S       | 300053   | 1    |
| 30       | Front Axle Assembly          | 300111   | 1    |
| 31       | Handlebar Upper              | 309036   | 1    |
| 32       | Grassbag Fabric              | 300147   | 1    |
| 33       | Height Adjuster Handle       | 300065   | 1    |
| 34       | Trigger                      | 300066   | 1    |
| 35       | Trigger Spring               | 300067   | 1    |
| 36       | Compensating Spring          | 300070   | 1    |
| 37       | Connecting Rod               | 300104   | 1    |
| 38       | Roll Pin                     | 301074   | 1    |
| 39       | 6mm x 16 Pozidrive Screw     | 09634    | 2    |
| 40       | Decal ( Height of Cut )      | 306006   | 1    |

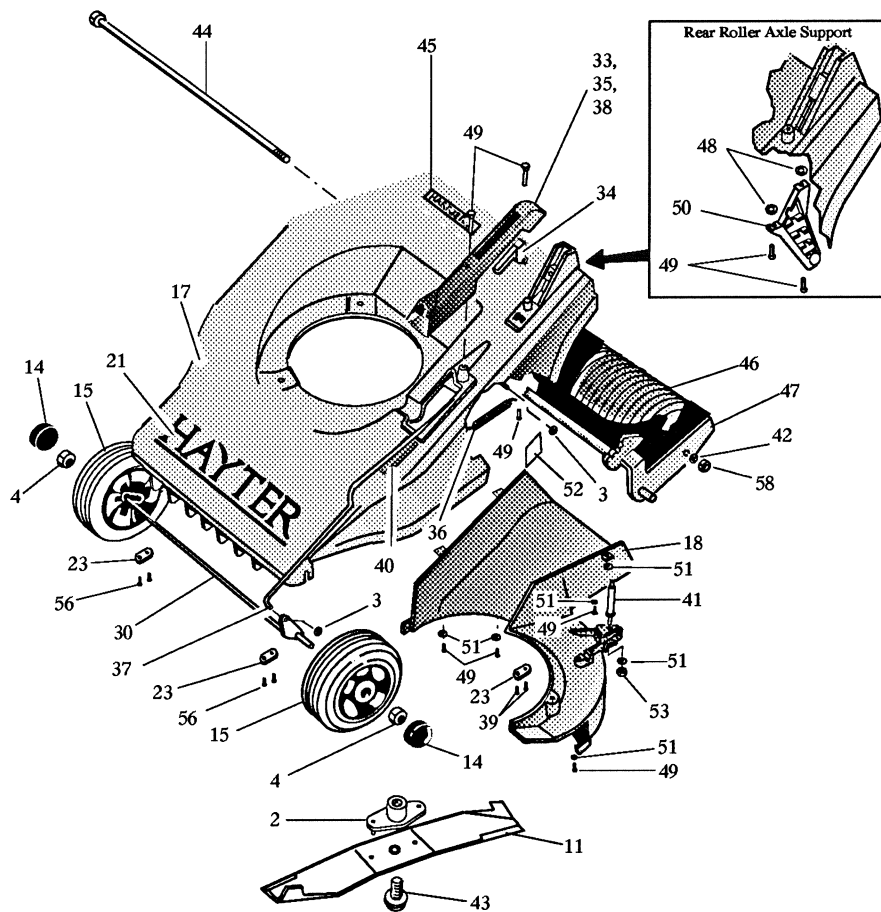
  
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## PARTS LIST

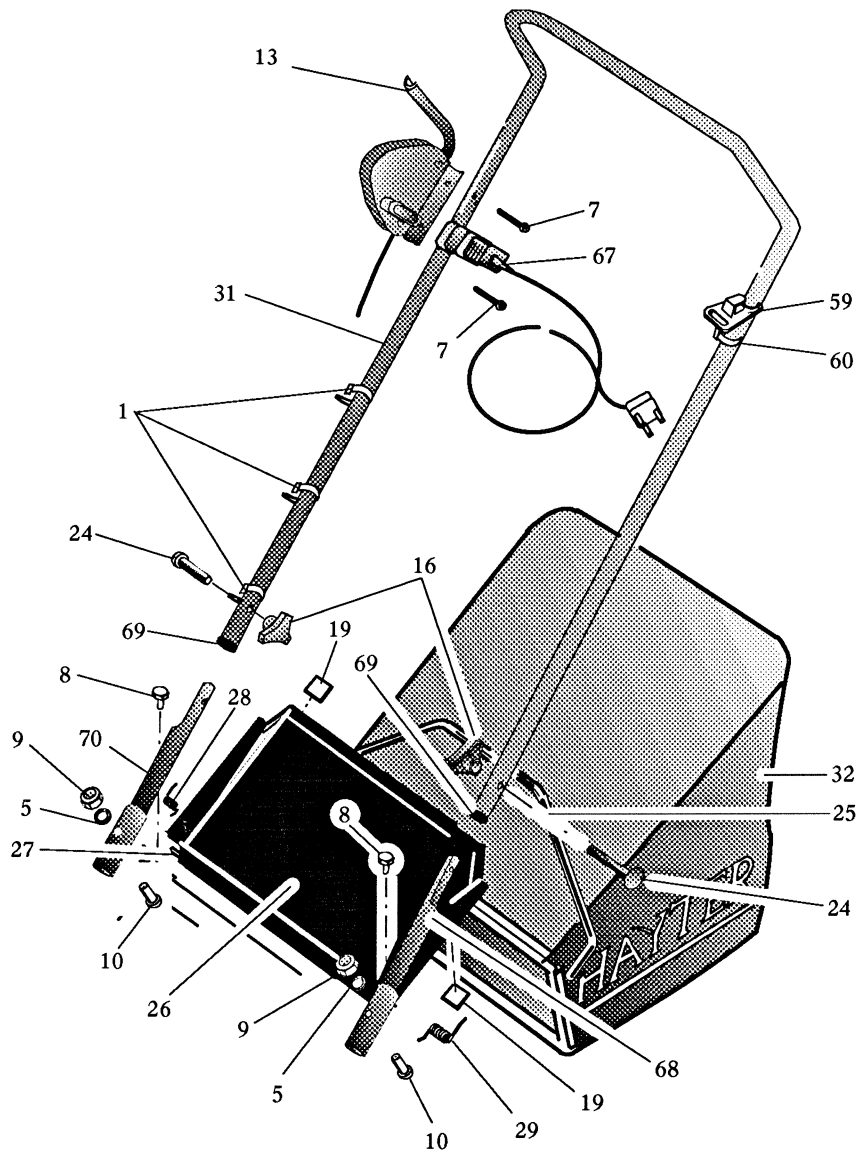
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| ITEM NO. | DESCRIPTION                    | PART NO.  | QTY.            |
|----------|--------------------------------|-----------|-----------------|
| 41       | Pillar                         | 300137    | 1               |
| 42       | 3/8" Washer                    | 09271     | 1               |
| 43       | Fixing Bolt - Nylon            | 234020    | 1               |
| 44       | Axle Bolt                      | 308021    | 1               |
| 45       | Decal ( Harrier 41 Electric )  | 309002    | 1               |
| 46       | Roller - Black                 | 201007    | 2               |
| 47       | Roller Frame                   | 308044W   | 1               |
| 48       | 1/4" x 3/4" Plain Washer       | 09262     | 2               |
| 49       | M6 x 16 Screw                  | 09596     | 9               |
| 50       | Axle Support                   | 305040    | 1               |
| 51       | M6 Plain Washer                | 09472     | 6               |
| 52       | Decal ( Serial Number )        | N / A     | 1               |
| 53       | M6 Nyl. Ins. 'T' type Nut      | 09544     | 1               |
| 54       | No. 14 x 1.1/4" Self Tap Screw | 09670     | 4               |
| 55       | No. 10 x 1.1/2" Self Tap Screw | 09669     | 4               |
| 56       | M6 x 12 Screw                  | 09546     | 4               |
| 57       | No. 8 x 1" Pan. Hd. Screw      | 09528     | 2               |
| 58       | 3/8" UNF Nut                   | 09216     | 1               |
| 59       | Cleat                          | 234014    | 1               |
| 60       | Hose Clip - Black              | 234029    | 1               |
| 61       | Base Plate Motor               | 309019    | 1               |
| 62       | Motor Cover Top                | 309020    | 1               |
| 63       | Motor Cover                    | 309022    | 1               |
| 64       | Motor Spacer                   | 309023    | 1               |
| 65       | Motor Flange                   | 309024    | 1               |
| 66       | Motor Screen                   | 309025    | 1               |
| 67       | Coupler & Cable Assembly       | 309027    | 1 ( 309T Only ) |
| 68       | Lower Handlebar N / S          | 309034    | 1               |
| 69       | Tube Plug                      | 320048    | 2               |
| 70       | Lower Handlebar O / S          | 309033    | 1               |
| 71       | Cable Clip                     | 70-09-109 | 1               |
| 72       |                                |           |                 |
| 73       |                                |           |                 |
| 74       |                                |           |                 |
| 75       |                                |           |                 |
| 76       |                                |           |                 |
| 77       |                                |           |                 |
| 78       |                                |           |                 |
| 79       |                                |           |                 |
| 80       |                                |           |                 |

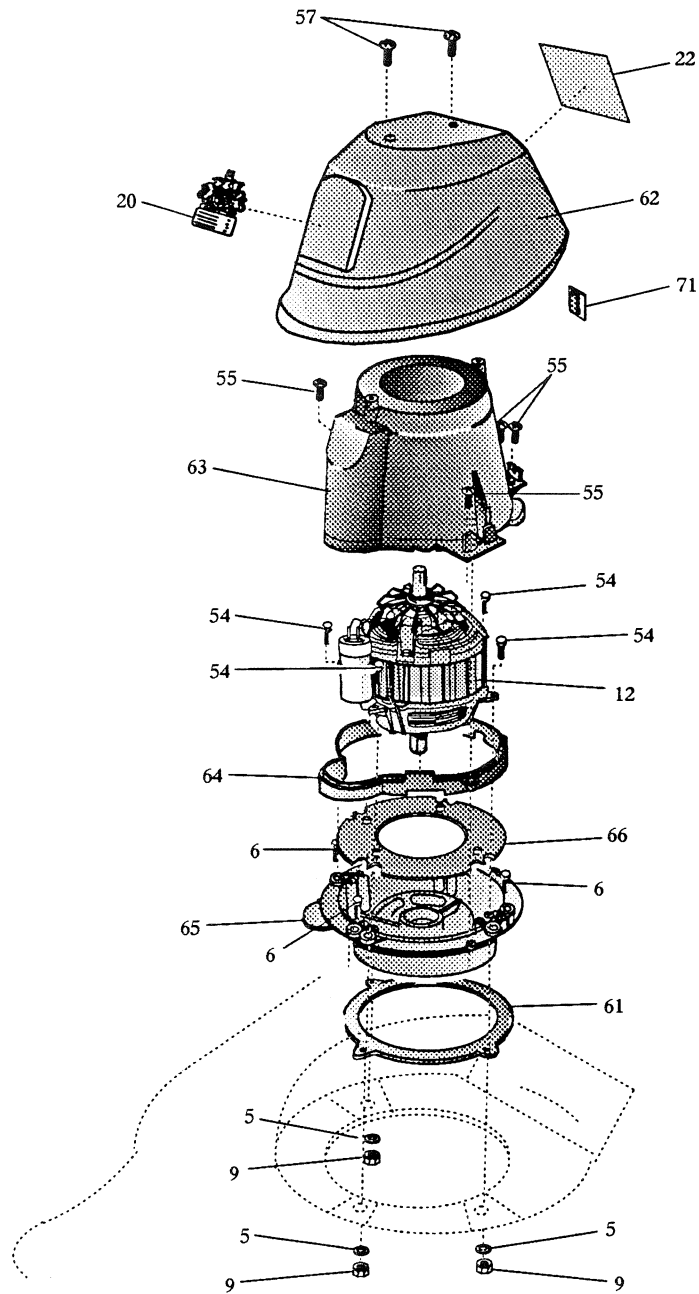
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OK  
24/11/23  
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**MOWERS DETAILS :-**

**MODEL :-**

**SERIAL NO:-**

**ENGINE SERIAL NO :-**

**DATE OF PURCHASE :-**

**LOCAL DEALER :-**