



HAYTERETTE

PROFESSIONAL

CODE - 284N

OWNER'S HANDBOOK

FROM SERIAL NO: 284N001001
ISSUE 21/02/96

HANDBOOK: 284032 (REV.0.)

22/2/96

Bill
22-2-96



CERTIFICATE OF CONFORMITY

I, the undersigned A. D. BONE, of ;

HAYTER LIMITED, Spellbrook, Bishop's Stortford,
Herts, CM23 4BU,
ENGLAND.

certify that the lawnmower;

1. Model No.
2. Category.
3. Make.
4. Type.
5. Engine - Manufacturer.
 - Type.
 - Speed of rotation during test.

CODE 284N
284N
Combustion Engine
Hayter
Rotary
Tecumseh
VLV55 - 501063B
3000 rpm

Conforms to the specifications of Directive 84/538/EEC as adapted to technical
progress by Directive 87/252/EEC and amended by Directive 88/180/EEC.

Guaranteed maximum sound power level.

96 dB(A)

- Type of cutting device.
- Width of cutting device.
- Speed of rotation of the cutting device.

Cutterbar
46 cm
3000 rpm

TESTED AT SUDBURY, SUFFOLK, ENGLAND.

27.10.95

Signed:

A.D. Bone
(Technical Manager).

EC DECLARATION OF CONFORMITY

Company Name

HAYTER LIMITED.

Company Address

Spellbrook Lane West
Spellbrook
Bishop's Stortford
Herts. CM23 4BU,
ENGLAND.



Machine Type No.
Model.

Code 284N
Hayterette Push

Directives complied with:
89/392/EEC amended by 91/368/EEC, 93/44/EEC and 93/68/EEC.
Essential Health & Safety Requirements Relating to the Design & Construction of Machinery and Safety Components.
84/538/EEC amended by 87/252/EEC and 88/180/EEC Permissible Sound Power Levels of Lawn Mowers.
89/336/EEC amended by 92/31/EEC Electromagnetic Compatibility.

Standards Used: BS5107, EN292, EN50081 and EN50082.

I declare on behalf of Hayter Limited that these machines conform to the EC Essential Health & Safety Requirements..

Signed:

Date: 21/02/96

A.D. Bone
(Technical Manager).

Lawnmower vibration information. RMS acceleration measured in 3 - axes at operators contact
position on the handlebars. Code 284N = 9 ms⁻²

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1.2

INTRODUCTION

1.2

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 a **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.

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.

HAYTER LIMITED reserve the right to make changes at any time without notice.

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LIMITED WARRANTY

Hayter Limited 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 two years from the date of purchase. To qualify for the full benefit of the warranty, the warranty registration card must be returned within 60 days of purchase. This warranty does not cover engines or wearing parts i.e. cutterbar, wheels and tyres. If you have any doubt, consult a **Hayter** authorised dealer for clarification. Subject to the conditions and exclusions noted in this limited warranty, we shall at our option, repair or replace any warranted part during the applicable period. Engine manufacturers furnish their own warranties and provide services through their authorised network. If you experience any difficulty, please contact a **Hayter** authorised dealer.

To qualify for the second twelve month period of the above two year limited warranty, the machine must be serviced by a **Hayter** authorised dealer. This chargeable service should be carried out within 14 months of purchase and be in accordance with the recommendations for service determined by **Hayter**.

This warranty 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 a **Hayter** authorised 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 a **Hayter** authorised dealer 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 and your statutory rights are not affected by this warranty. If you need additional information concerning this written warranty, or assistance in obtaining services, please write to: **HAYTER LIMITED, Service Department, Spellbrook, Bishop's Stortford, Herts. CM23 4BU.**

UK ONLY:-Details of your local **Hayter** authorised dealer are contained in Yellow Pages or contact :-

Freephone 0800 616298.

MOLE
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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 Hayterette 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:

While mowing, always wear substantial footwear and long trousers. Do not operate the equipment when barefoot or wearing sandals.



Thoroughly inspect the area where the mower is to be used and remove all objects which may be thrown by the machine.

WARNING: Petrol is highly flammable.

-Store fuel in containers specifically designed for this purpose.

-Refuel outdoors only and do not smoke while refuelling.

-Add fuel before starting the engine. Never remove the cap from the fuel tank or add petrol while the engine is running or when the engine is hot.



If petrol is spilled, do not attempt to start the engine but move the mower away from the area of spillage. Avoid creating any source of ignition until petrol vapours have dissipated.



Replace faulty silencers.

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SAFETY PRECAUTIONS

Continued.

-  Always ensure that the mower is in a safe operating condition. Frequently check all nuts, bolts and screws for tightness. Use only genuine **Hayter** replacement parts.
-  A damaged cutterbar and loose fixing bolt 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 genuine **Hayter** replacement parts. An unbalanced cutting mechanism may cause serious damage to your machine. Refer to "Maintenance."

Operation:

-  Do not operate the engine in a confined space where dangerous carbon monoxide fumes can collect.
-  Mow only in daylight or 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.
-  Stop the engine 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.
-  Do not change the engine governor settings or overspeed the engine.

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SAFETY PRECAUTIONS

Continued.

Operation continued:

-  Start the engine carefully, with feet well away from the cutterbar.
-  Do not tilt the mower when starting the engine.
-  Do not put hands or feet near or under rotating parts.
-  Never pick up or carry a mower while the engine is running.
-  Stop the engine and disconnect the spark plug lead:
 - Before clearing blockages or unclogging the discharge chute.
 - Before cleaning/checking or working on the mower.

 Stop the engine:

- Whenever you leave the mower.
- Before refuelling.
- 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).

-  When using the machine, do not lift the rear flap whilst the mower is in operation.

Done
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SAFETY PRECAUTIONS

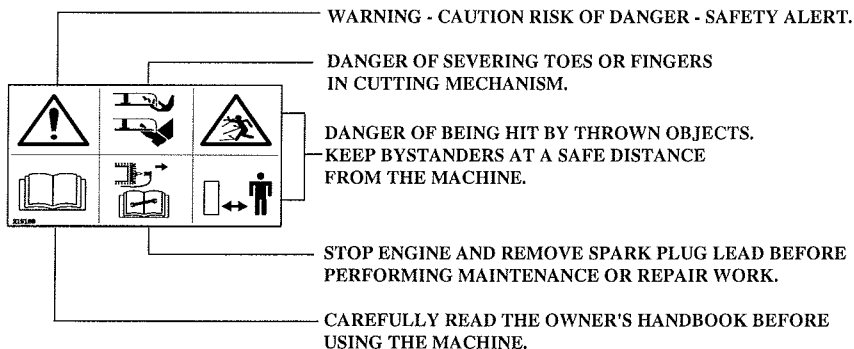
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Maintenance and storage:

-  Keep all nuts, bolts and screws tight to ensure that the equipment is in safe operating condition.
-  Never store the mower with petrol in the tank within an enclosed area where fumes may reach an open flame or spark.
-  Allow the engine to cool before storing in any enclosure.
-  To reduce the fire hazard, keep the engine, silencer and petrol storage area free of grass, leaves, or excessive grease.
-  Replace worn or damaged parts for safety.
-  If the fuel tank has to be drained, it is essential that this be done outdoors.

DECALS

WARNING DECAL : Part No. 219189



DECAL - ENGINE STOP
Part No. 331046



CUT HEIGHT ADJUSTMENT DECAL :
Part No. 320006



THROTTLE CONTROL :



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1.8

SPECIFICATIONS

1.8

SPECIFICATIONS

MODEL	CODE 284N Push
Engine	Tecumseh
Engine type	VLV55-501063B
Engine / cutterbar speed	3000 rpm
Fuel type	Unleaded petrol.
Fuel capacity	6.5 litres (11.3 Imp. pints)
Oil type	SAE30 engine oil
Oil sump capacity	0.57 litres (1.0 Imp. pint)
Cutting width	457mm (18 inch)
Cutting height	13 - 70mm (0.5 - 2.75 inch)
Overall dimensions	1,030mm x 575mm x 1310mm (40.5" x 22.5" x 51.5")
Dry Weight	34.2 Kg (75.3 lb)

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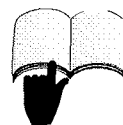
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ASSEMBLY INSTRUCTIONS

SAFETY NOTICE

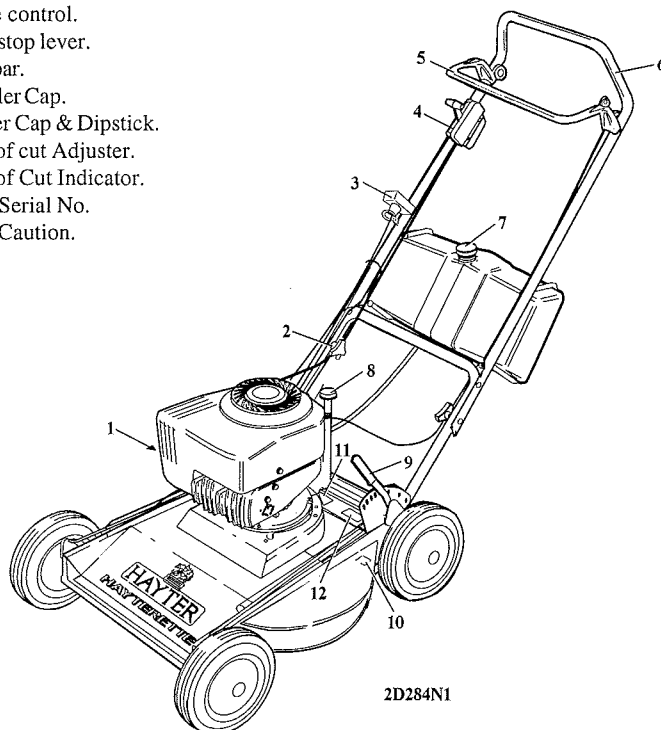


Before using the mower, read this owner's handbook carefully.
Pay particular attention to the safety precautions.



GENERAL ASSEMBLY

1. Primer Bulb (refer - 1.13)
2. Handlebar Securing Knob.
3. Engine start grip.
4. Throttle control.
5. Engine stop lever.
6. Handlebar.
7. Fuel Filler Cap.
8. Oil Filler Cap & Dipstick.
9. Height of cut Adjuster.
10. Height of Cut Indicator.
11. Decal - Serial No.
12. Decal - Caution.



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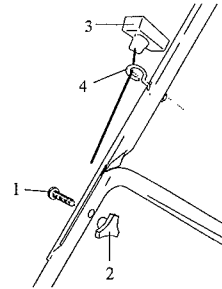
ASSEMBLING THE MOWER FOR THE FIRST TIME

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.

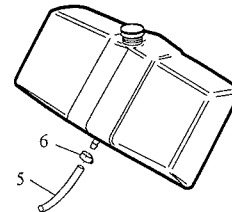
DELIVERY CHECKLIST	
Description	Quantity
Owner's Handbook	1
Engine Handbook	1
Bolt Handlebar	2
M8 handwheel	2
Cable Tie	4
Hose Clip	1
Warranty Registration Card	1

Assemble the handlebar: Remove the packaging from the upper handlebar. Carefully fit upper handlebar onto lower handlebar using the 2 handlebar bolts (1) and M8 handwheels (2) supplied.

Pass the engine start rope (3) through the rope guide (4) on the right handside of the upper handlebar, tighten down the securing nut.



Fit the rubber fuel pipe (5) to the fuel tank securing it with the hose clip (6) supplied. Tie all cables and fuel pipe to handlebars using cable ties supplied.



Check that all fasteners are secure.

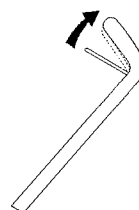


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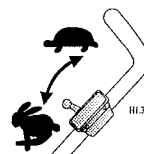
ASSEMBLING THE MOWER FOR THE FIRST TIME

Continued.

Check engine stop lever operation: Operate the engine stop lever several times. Ensure that the cable moves freely and that the lever returns automatically to the engine stop position when released.



Check throttle lever operation: Operate the throttle lever several times and ensure that the cable moves freely whilst operating the engine throttle mechanism.



PREVENT ENGINE DAMAGE: The engine is shipped without oil or petrol. The engine must be filled with the correct grade of oil and petrol - refer to "Before starting the engine".

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STARTING THE ENGINE

BEFORE STARTING THE ENGINE

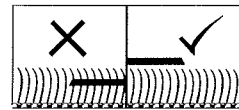
Read the engine operating and maintenance instructions handbook supplied with this mower.



! WARNING: The cutterbar rotates when the engine is operating.

ALWAYS operate the engine stop lever several times and ensure the engine stop cable moves freely before starting the engine.

ALWAYS position the mower on a level stone free grass surface before starting the engine. The engine will be difficult to start if the cutterbar is prevented from rotating freely. Ensure that the cutterbar is set above the level of the grass, for easy starting.

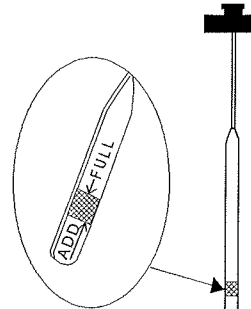


Check oil level: With the mower on a level surface, unscrew and remove the oil filler - dipstick. Wipe oil from it with a clean cloth. Screw the oil filler - dipstick back in place, then unscrew and remove it to check the oil level.

The oil level is correct when it is between the **add** and **full** marks on the dipstick.

Add SAE 30 engine oil as necessary and replace the oil filler-dipstick.

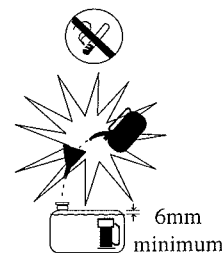
IMPORTANT: The oil filler - dipstick must be secure while the engine is running.



Check fuel level: Remove the fuel filler cap and fill the fuel tank with clean unleaded petrol.

Do not overfill the fuel tank. Allow 6mm minimum of tank space for fuel expansion.

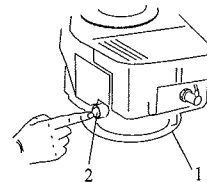
IMPORTANT: The fuel filler cap must be secure while the engine is running.



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TO START THE ENGINE

Operate the primer bulb: In normal use push on the primer bulb 3 times at 2 second intervals to provide the extra fuel required to start a cold engine. Operation of the primer bulb is usually unnecessary when starting a warm engine.

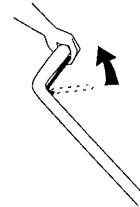


1. Engine.
2. Primer Bulb.

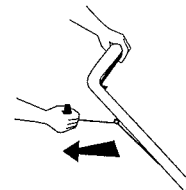
Operate the throttle control: Push the throttle control lever to the middle position.



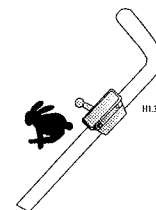
Operate the engine stop lever: Use one hand to hold the engine stop lever in the operating position firmly against the handlebar. To start and operate the engine, the engine stop lever must be held in the operating position. If the engine stop lever is released the engine will stop.



Operate the engine start - grip: Stand behind the mower and maintain a firm hold on the handlebar and the engine stop lever to prevent the mower moving towards you. Use your right hand to hold the engine start-grip and pull rapidly to crank the engine. When the engine starts carefully return the engine start - grip to the storage position. If the engine does not start after 5 attempts - refer to "Fault Finding".



Once the engine has started: When the engine is running operate the throttle control lever into the fast position.



IMPORTANT: Prevent engine damage. Never pull the engine start-grip when the engine is running.

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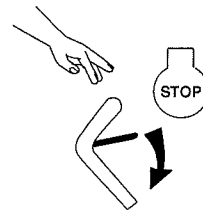
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STOPPING THE ENGINE

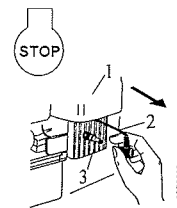
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STOPPING THE ENGINE

Stopping the engine: Disengage the engine stop lever by releasing the lever.



Emergency stop: If the engine stop lever fails, disconnect the spark plug lead to stop the engine.



1. Engine.
2. Spark Plug Lead.
3. Spark Plug.

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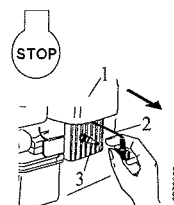
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SAFETY NOTICE



WARNING: PREVENT ACCIDENTAL STARTING - Always stop the engine and disconnect the spark plug lead before cleaning, inspecting or working on the machine.

1. Engine.
2. Spark Plug Lead.
3. Spark Plug.

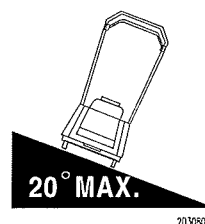


CAUTION: Before mowing, thoroughly inspect the area where the mower is to be used and remove all stones, sticks, wires, bones and other foreign objects, which when contacted by the mower cutterbar could become dangerous projectiles.

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.



IMPORTANT: Prevent engine damage - DO NOT use the mower on a slope greater than 20 degrees.

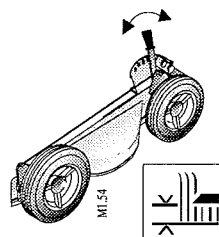


HEIGHT OF CUT

To adjust the height of cut: Grip the handle and pull it towards you to disengage the locking mechanism. Push it forwards to lower the height of cut or pull the handle towards the rear of the machine to raise the height of cut. Release the handle to secure the mower at the required position.

There are seven height of cut positions.

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.



! WARNING: PREVENT ACCIDENTS - Always reverse the mower carefully towards you. Always switch off the engine 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.

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

! WARNING: PREVENT ACCIDENTS - ALWAYS check the condition of the rear flap for signs of damage. Replace a damaged rear flap immediately. Never operate the mower with a damaged rear flap.

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1.17

OPERATING THE MOWER

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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 engine switched off.

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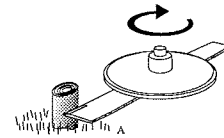
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CUTTERBAR OPERATION

The cutterbar rotates at the same speed as the engine. The cutterbar will stop within five seconds of the engine 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.

The cutterbar is driven by the engine via a friction device to help prevent damage occurring to the cutting mechanism when a hidden obstruction or overload is encountered. When the obstruction or overload situation is removed the friction device will automatically reset.



! WARNING: PREVENT ACCIDENTS - ALWAYS stop the engine when a hidden obstruction or excessive vibration is encountered. Disconnect the spark plug lead and examine the cutting mechanism. ALWAYS replace 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 sharp cutterbar. A blunt cutterbar will tear the grass and cause the tips to turn brown.

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MOWING AND GRASS CARE TIPS

Continued.

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.

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

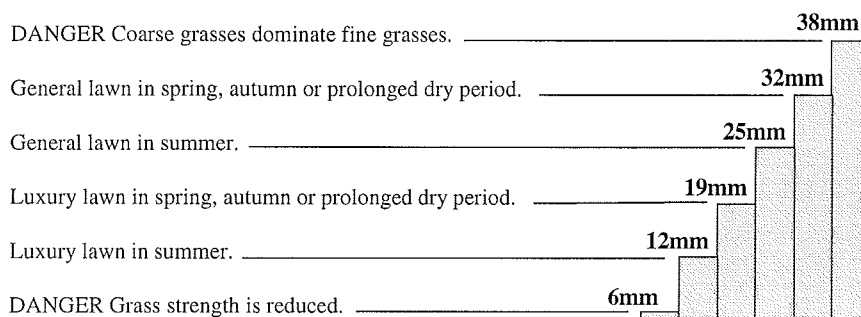
Mow lawns in a different direction to the previous cut.

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 grass heights for lawns:



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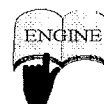
MAINTENANCE

1.20

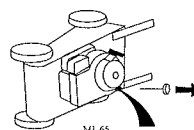
MAINTENANCE

ENGINE

Engine handbook: For details of engine maintenance refer to the engine operating and maintenance instructions handbook supplied with your mower.



IMPORTANT - Draining engine oil: To drain the engine oil, first drain fuel tank. Remove the spark plug lead and allow the engine to cool. Position the mower on its left hand side and ensure that the air cleaner side of the engine is kept uppermost to prevent engine damage. Remove the oil filler-dipstick to drain the oil.



DECK HOUSING

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

SECURING NUTS AND BOLTS

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



LUBRICATION

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



CONTROL CABLES

Apply a good quality medium grease to the inner control cables at the point of entry and exit from their outer casings.

IMPORTANT : ALWAYS replace damaged cables.

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CUTTERBAR

WARNING: PREVENT ACCIDENTS - NEVER work on the cutterbar unless the spark plug lead has been removed. 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 the mounting arrangement should be checked regularly for signs of wear or damage. Ensure that the cutterbar is not bent or cracked.

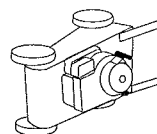
Regularly check that the bolt securing the cutterbar and friction disc is secure.

Cutterbar securing bolt torque setting 54Nm (40 lbs. ft.)

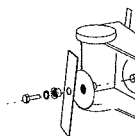
A damaged cutterbar will cause the cutting mechanism to be out of balance and excessive vibration will occur which may lead to breakage. **DO NOT** use an unbalanced cutting mechanism.

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

How to remove the cutterbar: Drain the fuel until the fuel tank is empty. **Remove the spark plug lead** and allow the engine to cool. Turn the mower on its left hand side and ensure that the air cleaner side of the engine is uppermost. Firmly grip the cutterbar with a gloved hand and remove the cutterbar bolt, spring washer and distance piece securing the cutterbar.



How to assemble the cutterbar: Secure the cutterbar using the original bolt, spring washer and distance piece and tighten to a torque of 54Nm (40 lbs.ft).

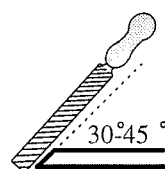


AOE 23/2/96✓

CUTTERBAR

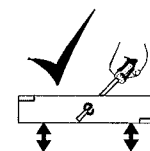
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How to sharpen and balance the cutterbar: A slightly worn cutterbar may be re-sharpened. All cutting edges must be sharpened equally to ensure balance. Sharpen the cutterbar every 25 mowing hours or more frequently if conditions require. Remove the cutterbar from the mower and clean using a brush and water. Inspect the cutterbar for signs of damage.

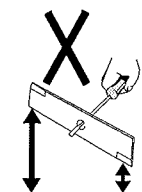


DO NOT use a damaged or excessively worn cutterbar.

Sharpen both 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.



A sharp and balanced cutterbar will give optimum performance.

Done
22/2/96

1/AM
22-2-96



1.23

PREPARING THE MOWER FOR STORAGE

1.23

PREPARING THE MOWER FOR STORAGE

Storage for long periods: To ensure your mower is maintained in good working order it is important that the following procedure is adopted when the mower is stored for periods in excess of one month. Refer to the maintenance section and engine handbook as necessary.

Drain fuel from the fuel tank.

Disconnect the spark plug lead. Change the engine oil.

Remove the engine spark plug and pour 15ml of engine oil into the engine cylinder and replace the spark plug. Do not exceed the stated volume of oil as engine damage may occur on re-starting. Operate the engine brake lever and slowly pull the engine start - grip once to crank the engine. This will distribute the oil and help prevent engine corrosion.

Lubricate the mower.

Treat metal parts with a water repellent anti-corrosion product.

Rest the mower deck on wooden blocks to remove the weight of the mower from its wheels.

Cover the mower with a protective sheet and store it in a dry, ventilated area.

284032MT200296A

APR 22/2/96 ✓

✓ SHM
22-2-96

FAULT FINDING

PROBLEM	POSSIBLE FAULT	REMEDY
Engine will not start.	Fuel starvation.	Fill fuel tank/ check fuel filter.
	Incorrect / contaminated fuel.	Drain fuel tank and fill with correct fuel.
	Spark plug lead disconnected.	Connect spark plug lead.
	Throttle setting incorrect.	Set throttle to fast position.
	Engine brake not released.	Operate engine stop lever.
	Faulty spark plug.	Clean and adjust gap or replace.
Engine runs rough.	Spark plug lead becoming disconnected in use.	Connect spark plug lead.
	Faulty spark plug.	Clean and adjust gap or replace.
	Air cleaner element blocked.	Replace air cleaner element.
	Incorrect / contaminated fuel.	Drain fuel tank and fill with correct fuel.
Engine vibrates excessively.	Mounting bolts loose.	Tighten bolts.
	Cutterbar bolt loose.	Tighten bolt.
	Cutting mechanism out of balance.	Balance cutting mechanism, renew cutterbar.
Uneven cut.	Undulating ground contours.	Change direction of travel.
	Wheels damaged.	Inspect and replace as necessary.
	Cutterbar worn.	Renew cutterbar.
Mower is hard to push.	Cut height too low.	Increase cut height.
	Wheels damaged.	Inspect and lubricate or replace as necessary.

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 22/2/96 ✓


 22-2-96

2.1

284N PARTS LIST

2.1

PARTS LIST

ITEM NO.	DESCRIPTION	PART NO.	QTY.
1	Pin - Pivot.	340182	2
2	Washer - 19mm Nylon.	09688	6
3	Lever - Engine Stop.	340179	1
4	Screw - 6mm x 20.	09687	2
5	Decal - (Engine Stop).	331046	1
6	Handlebar - Upper.	284028W	1
7	Guide - Rope.	305093	1
8	Throttle Control & Cable.	284026	1
9	Screw - M5 x 35mm Taptite.	09358	3
10	Cable - Engine Brake.	284025	1
11	Tie - Cable.	3966	3
12	Handwheel - Triangular.	226013	2
13	Bolt - M8 x 45 Handlebar.	226024	2
14	Handlebar - Lower.	005121W	1
15	Footguard.	005139W	1
16	Nut - M8 Nyloc.	09442	6
17	Washer - M8 Plain.	09475	6
18	Bolt - M8 x 45.	09654	2
19	Washer - M6 Plain.	09472	1
20	Nut - M6 Nyloc.	09438	1
21	5/16" x 5/8" O/D Washer.	09266	4
22	Engine Compliance.	284027	1
23	Bearing Block - Upper.	005146	2
24	Bearing Block - Lower.	005145	2
25	Axle - Rear Assembly.	005130	1
26	Pin - Spring.	254013	2
27	Flap - Rear.	005097	1
28	Grommet - Rubber.	6289	2
29	Bearing.	284031	8
30	Wheel - 8".	284030	4
31	Nut - 1/2" UNF Nyloc.	4486	4
32	Pin - Split 1/2" x 3/32" Diameter.	09303	4
33	Connecting Rod.	005135	2
34	Axle - Front W/A L/H.	005126	1
35	Bolt - Axle Pivot.	005129	2
36	Spring - Disc.	4912	2
37	Disc - Friction.	219203W	1
38	Axle - Front W/A R/H.	005125	1
39	Bolt - M8 x 75.	09372	4
40	Clip - Spring Handle Retaining.	4884	1
41	Handle Grip - Black.	4097	1

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MAT ✓
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MAL ✓
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2.2

284N PARTS LIST

2.2

PARTS LIST

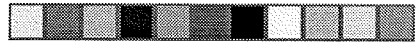
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ITEM NO.	DESCRIPTION	PART NO.	QTY.
42	Rivet.	09320	1
43	Cutterbar - 18".	5637	1
44	Distance Piece - Cutterbar.	4014	1
45	Washer - 3/8" Spring S / C.	09273	1
46	Screw - 3/8" UNF x 1 1/4".	09116	1
47	Nut - 3/8" UNF Nyloc.	09216	2
48	Key - Woodruff.	1662	1
49	Decal - (Hayter & Royal Warrant).	219186	1
50	Decal - (Height of cut).	320006	1
51	Decal - (Caution).	219189	1
52	Decal - (Serial No.).	-	1
53	Tap - Fuel.	284038	1
54	Deck.	005140V	1
55	Sleeve - Fuel Tank Spring.	284034	2
56	Spring - Fuel Tank.	284029	2
57	Tank - Fuel.	320025	1
58	Cap - Fuel Tank.	320026	1
59	Adaptor - Hose.	284033	1
60	Pipe - Fuel 1m Length.	322015	As Required.
61	Clip - Jubilee.	322018	4
62	Filter - Fuel.	284035	1
63	Plug - Tube.	320048	2
64	Washer - 3/8" x 1 1/4" Plain.	02394	2
65	Screw - 3/8" UNC x 1.1/4" Taptite.	09349	3

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MTV
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/ RWM
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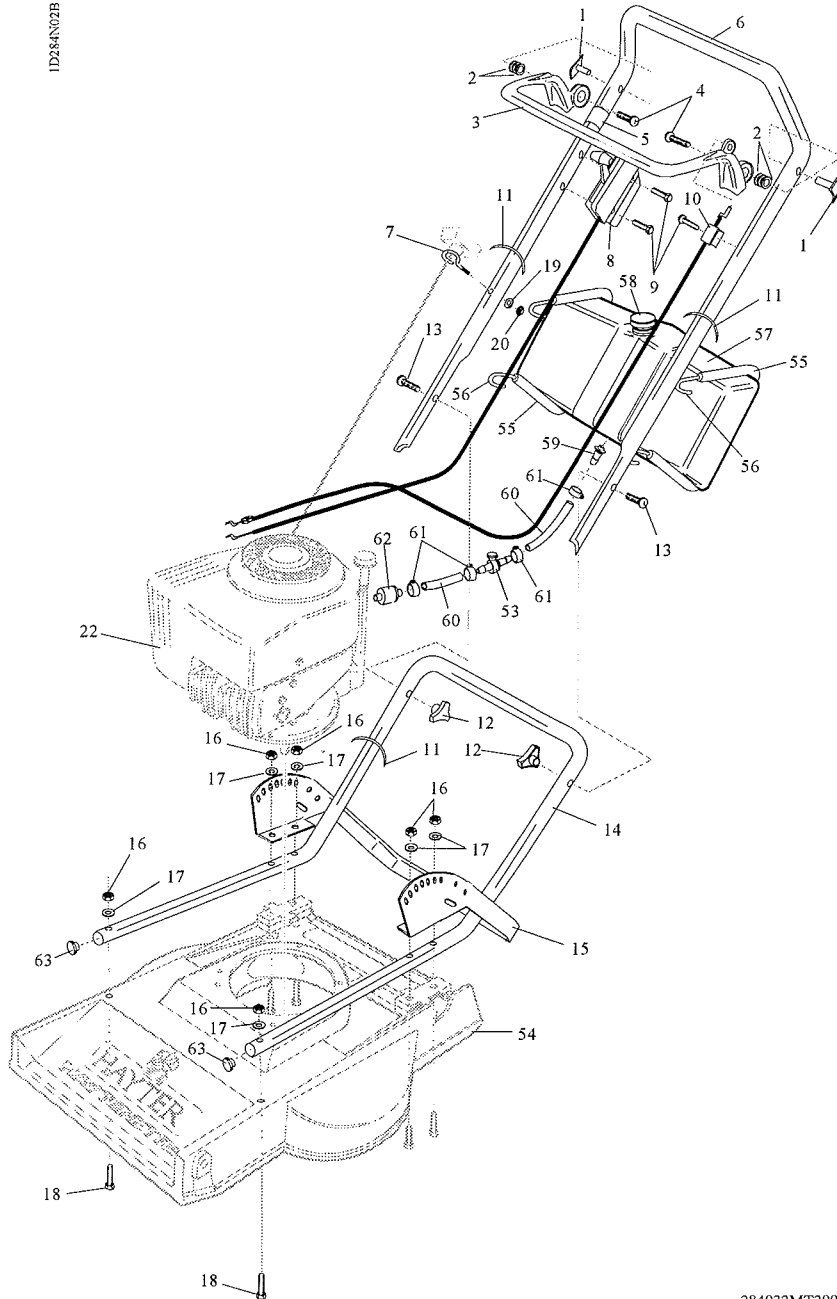


2.3

284N UPPER MAINFRAME DIAGRAM

2.3

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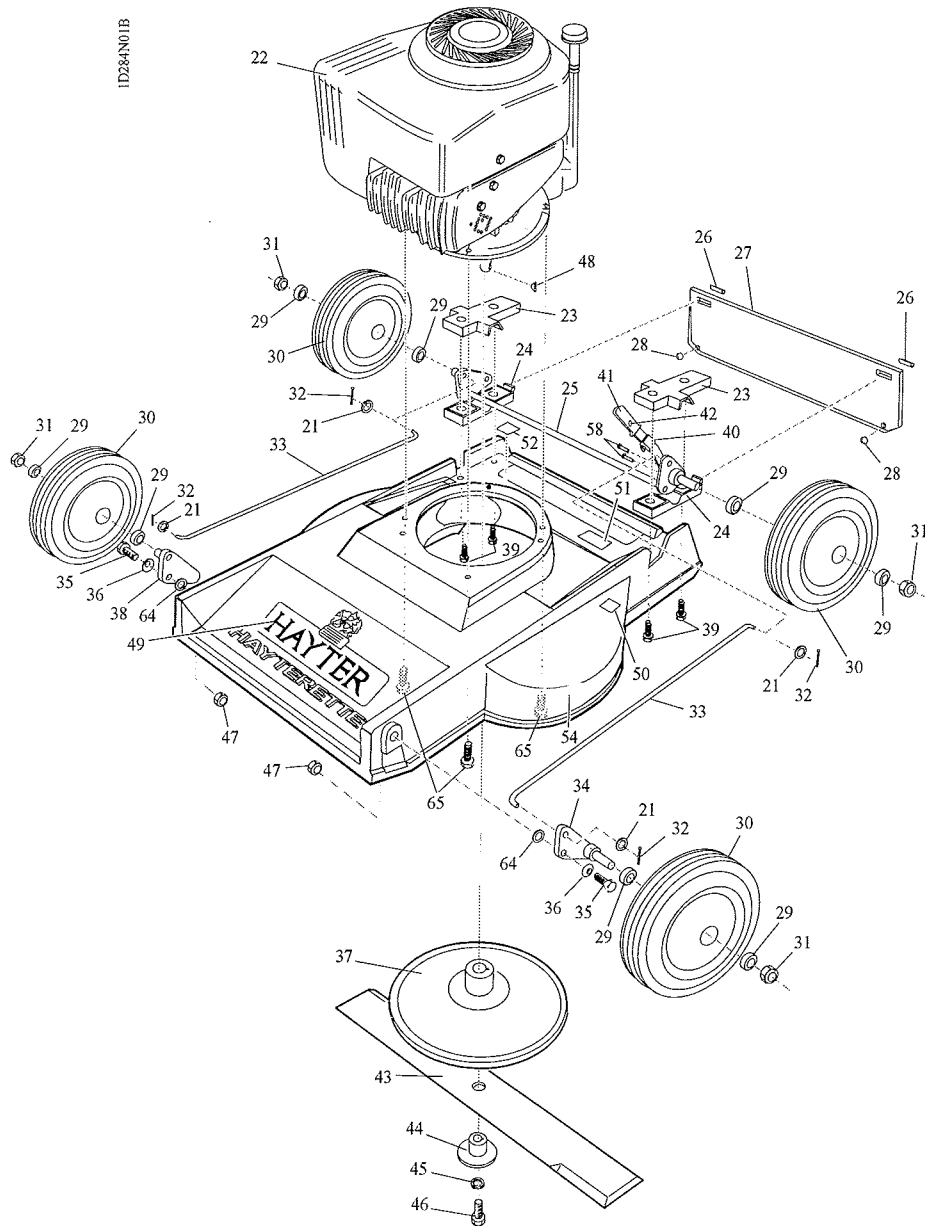
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26/2/96. BWM
26/2/96



2.4

284N LOWER MAINFRAME DIAGRAM

2.4



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NKT ✓ 23/2/96

✓ BWH
26-2-96