From Machine Number 302 1,001

BY APPOINTMENT TO
H.M. THE QUEEN
MANUFACTURERS OF
AGRICULTURAL MACHINERY
HAYTERS P.L.C.

HAYTER

HUNTER 41
ROTARY LAWNMOWER

Operating Instructions

Push Model

HAYTERS P.L.C.
BISHOP'S STORTFORD · HERTS CM23 4BU · ENGLAND

SAFETY PRECAUTIONS
(As recommended in B.S.5107 : 1974)

Know your controls. Read the owner's manual carefully. Learn how to stop the engine in any emergency.

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

Stop the engine and disconnect spark plug wire before checking or working on the mower.

Damaged cutterbars and loose fixing bolts are major hazards. Before using, always visually inspect the cutting mechanism to ensure that it it is in good condition. A damaged cutterbar should be replaced immediately, using only Hayter replacement cutterbars. Cutterbars can be resharpened, ensure that both cutting edges are evenly sharpened to maintain the balance.

Always be sure the mower is in safe operating condition. Check all nuts, bolts and screws often. Use only replacement parts made and guaranteed by HAYTERS P.L.C.

Add fuel BEFORE starting the engine. Avoid spilling petrol and do not fill the tank while engine is running or while you are smoking.

Do not mow whilst people, especially children, or pets are in the mowing area.

Never use the mower unless the guards provided by the manufacturers are in position.

Do not mow barefoot or in open sandals.
Start the engine carefully with feet well away from the blades.

Do not operate the engine in a confined space where exhaust fumes (carbon monoxide) can collect.

Stop the engine whenever you leave the mower.

Do not allow people unfamiliar with these instructions to use the mower.

On slopes or wet grass, be extra careful of your footing. Never cut grass by pulling the mower towards you.

Do not overspeed the engine or alter governer settings. Excessive speed is dangerous and shortens mower life.

Store fuel in a cool place, in a container specifically designed for the purpose. In general, plastic containers are unsuitable.

WARNING: Blades continue to rotate after machine is switched off.

When using the machine without the grassbag, do not lift the deflector plate whilst the machine is in operation.

Never insert the hand into the grass discharge chute whilst the engine is running.

Stop the engine before pushing the mower across gravel drives, walks or roads.

Never pick up or carry a mower when it is operating.

This Symbol Warns of Potentially Hazardous Situations which could occur if GREAT CARE is not taken when using or maintaining your machine.

INTRODUCTION

The Hayter Hunter 41 is designed and constructed to give an efficient and economical performance, combined with ease of operation and maintenance. The correct operation and attention to routine maintenance as recommended will ensure long and efficient service from the machine.

The machine is carefully checked prior to being packed and every effort is made by Hayters to see that the machine arrives in perfect condition.

GUARANTEE

The machine is guaranteed against faulty workmanship and materials for a period of 12 months from the date of purchase. In the case of components not manufactured by Hayters P.L.C., no guarantee is given but the purchaser shall be entitled to any guarantee given by the manufacturers of such components. Any claim under guarantee should be referred to the Agent through whom the machine was originally supplied quoting the machine serial number which is located on the left hand side of the machine. The guarantee becomes void if any parts not made or supplied by Hayters are fitted to the machine. In the case of machines being used for hiring out purposes no guarantee of any kind is given or is to be implied.

ASSEMBLY INSTRUCTIONS

Remove the mower from the carton and lay the mower on its wheels. Set the mower on its highest height of cut. Push the Coach Bolts (Item 13) from the underside into the slots provided in rear of the Mower casting and push the Pushnut Retainers (Item 44) over each Bolt. Squeeze the open ends of the Handlebars (Item 35) and allow the protruded Bolts to enter each hole in the Handlebars with Spannerprovided. Uncoil Throttle Cable (Item 16) to Upper Handlebars (Item 35) with Cable Straps x 2 (Item 2). Assemble Grassbag (Item 37) over Frame (Item 29) ensuring aperture of Grassbag (Item 37) is the same end as the Frame

OPERATING INSTRUCTIONS

See the engine manufacturers' handbook and carefully carry out the recommendations for starting the engine ensuring that engine sump is filled to the correct level with one of the recommended grades of lubricating oil. It is most important that oil other than those grades recommended should not be used in this engine. See recommended lubrication chart affixed to the engine.

Manual Start

Pull Throttle Cable Lever backwards into Fast Run Position then press Primer Button on side of Engine at least twice before pulling Starting Cord briskly. The Engine is governed to run at the maximum speed of 3000 rpm and this speed is obtained by setting the Throttle Cable Lever to the Fast Running Position. Should any adjustments be made to the Engine it is essential that the maximum governed speed of 3000 rpm is strictly adhered to.

Cutting Height Adjustment

The cutting height range is from 19–64mm (3/4"–2.1/2"). To increase the height of cut, squeeze Handle Trigger in and raise Machine.

HINTS ON OPERATION

Although primarily designed for lawn mowing, the Hayter 'Hunter' will deal with a variety of other grass cutting chores on reasonably flat areas. Observance of the following 'Hints' will ensure satisfactory results and eliminate undue stress being imposed on the machine.

Lawns

Fit the Grassbag, set the cutting height to maximum and cut the lawn area. This will assist to predetermine the most suitable cutting height setting for the second cut and also eliminate the possiibility of 'scalping' occuring on any high spots on the lawn. Thereafter, regular mowing can be undertaken at the predetermined cutting height setting.

Runaway Growth on Lawns

Set cutting height to the highest position, remove Grass bag and cut the lawn area. The cuttings can then be collected by fitting the Grassbag and working over the area a second time. If cuttings are wet, leave to dry and collect later. When the machine is used without the Grassbag, the Deflector will cover the Discharge Aperture and deflect cuttings downwards and away from the operator.

Borders, Walls and Fences

The machine will cut over lawn edges and can be used to cut close up to walls, fences and other obstructions.

Hidden Obstructions

Should an obstruction be encountered whilst mowing, the machine should be drawn backwards without raising the front, the Engine stopped and the plug lead removed. Examine the cutting mechanism and should the Cutterbar be broken or damaged it should be replaced before further cutting is undertaken. (See also Maintenace Instruction, under 'Cutterbar').

Blockages

A blockage in the Discharge Chute is usually caused by attempting to remove too much grass initially, especially when the machine is in a low cutting height setting or when conditions are wet. Allowing the Grassbag to become overfull is another likely cause. Before clearing a blockage, stop the Engine and remove the spark plug lead. NEVER insert the hand into the Discharge Chute whilst the Engine is running.

MAINTENANCE

Lubrication

Engine

See Engine Manufacturers' Leaflet.

Machine

A light application of lubricating oil to all linkages and hinge points , periodically.

Throttle Control Cable

Run in a little lubricating oil into the inner cable from the control end.

Adjustments

Securing Nuts and Bolts

Check all securing nuts and bolts periodically and tighten if necessary.

Cutterbar

The Hayter cutterbar is fricton driven by the Blade Adaptor when in use. In the event of the Cutterbar striking an obstruction it will move relative to the Blade Adaptor to a new position at which it will continue to cut. Regular inspection of the cutting mechanism is recommended to ensure that the Cutterbar is in good condition.

Should the Cutterbar be damaged to the extent that it is likely to become out of balance it should be replaced immediately. Fit the new Cutterbar as shown in Fig. 1, ensuring that the Retaining Setscrew (Item 7) is tightened securely. (For the technically minded, a torque setting of 40lbs ft. is recommended). The Cutterbar may be resharpened providing that both ends are evenly sharpened to maintain the balance.

Before examining, cleaning or making any adjustment to the cutting mechanism the Engine must be stopped and the plug lead disconnected.

CLEANING

A little time spent cleaning the machine after use will maintain both appearance and proficiency. Particular attention should be given to the underside of the mower to remove any debris which has built up on the casing. The interior of the grassbag should be kept clean and compacted debris removed from the tyre treads.

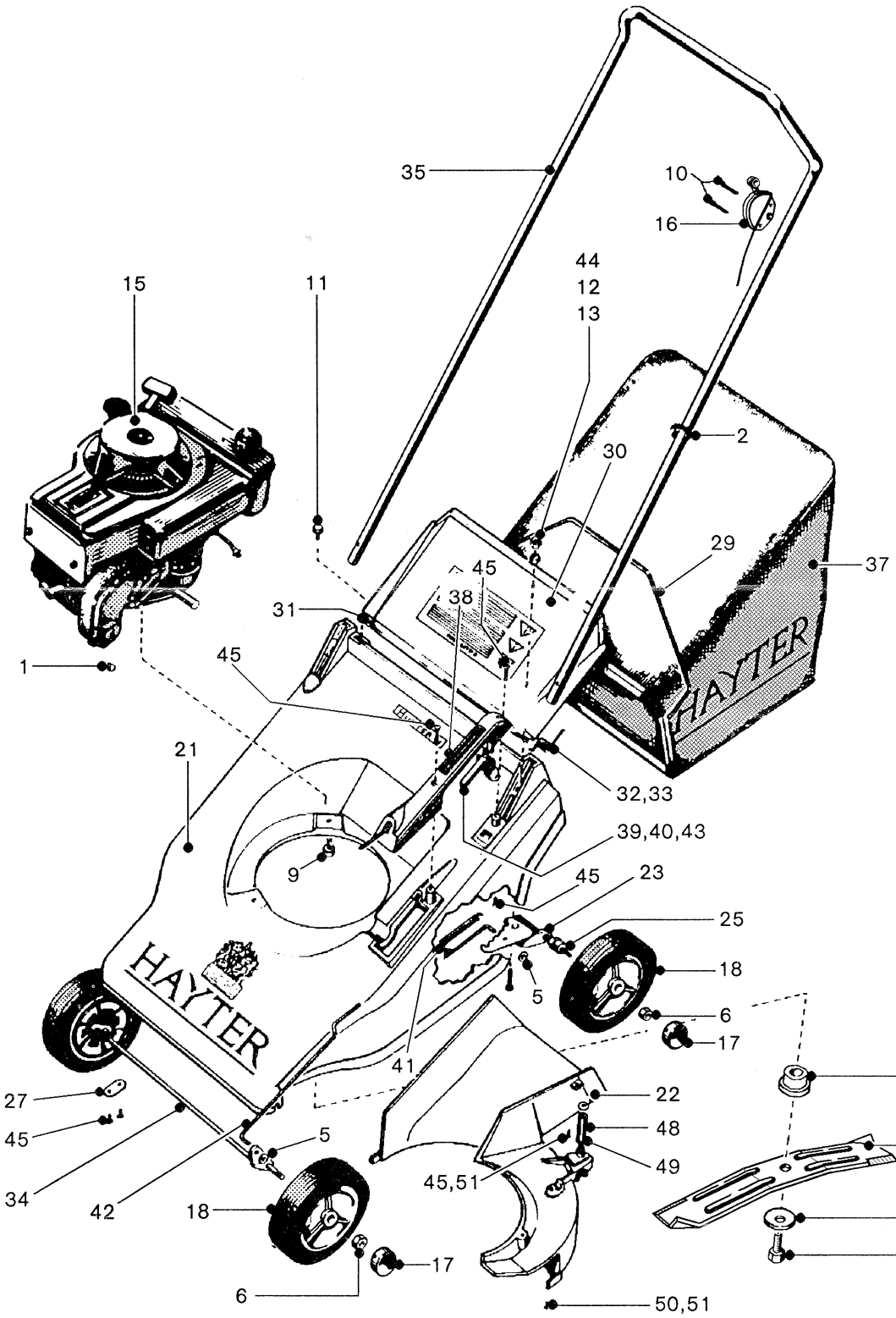


Fig. 1 Code 302 Mainframe Illustration

HUNTER 41 MAINFRAME ASSEMBLY SPARE PARTS LIST

(Subject to revision without notice)

HAYTERS

Item No.	Part No.	No. Off	Description
1	1662	1	Key
2	3966	3	Cable tie
3			
4	MU42734	1	Blade adaptor
5	02385	2	Grip fix
6	4486	4	Wheel nut
7	09118	1	3/8" UNF x 1 1/2" Setscrew
8	MU17x137	1	Belleville washer
9	09349	3	3/8" UNC x 1 1/4" Taptite screw
10	09358	2	M5 x 35 Throttle screw
11	09575	3	M6 x 20 Taptite screw
12	09442	2	M8 Nylon ins. 'P' type nut
13	09379	2	M8 x 40 Coach bolt
14	302026	1	Cutterbar
15	302011	1	Engine Tecumseh 3 h.p.
16	302021	1	Throttle control & cable
17	219143	4	Wheel cap
18	302016	4	6" Wheel
19			
20			
21	300010	1	Deck
22	302020	1	Throwplate
23	302012	1	Rear axle assembly
24			
25	302017	1	Spacer (Rear axle)
26			
27	300039	4	Securing plate
28			
29	300045	1	Grassbag frame
30	300050	1	Deflector
31	300051	1	Deflector rod
32	300052	1	Deflector spring O/S

Item No.	Part No.	No. Off	Description
33	300053	1	Deflector spring N/S
34	300055	1	Front axle assembly
35	302015	1	Handlebar
36			
37	300043	1	Grassbag
38	300065	1	Height adjuster handle
39	300066	1	Trigger
40	300067	1	Trigger spring
41	300070	1	Compensating spring
42	300104	1	Connecting rod
43	301074	1	Roll pin
44	09601	2	M8 'Pushnut' bolt retainer
45	09596	10	M6 x 16 Pozi-drive screw
46			
47			
48	300076	1	Support tube
49	09271	2	3/8" Plain washer
50	09634	4	No. 6 Self tapping screw
51	09472	5	M6 Washer
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ISSUE 1
JANUARY 1991
Part No. 302009