from machine no. 300K - 9757
301K - 3503
302K - 3981

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

HAYTER

HUNTER 41

Rotary Lawn Mower

CODES

300K, 301K & 302K

Owner's manual and Spare Parts list

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

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 manual 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, please consult your Hayter authorised dealer who will be pleased to give you assistance.

All Hayter mowers are robustly constructed and designed for efficient, economical perfomance 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.

Due to possible settlement of new components, it is essential that , all securing nuts and bolts, are checked and tightened as necessary,after a short period of use.

LIMITED WARRANTY

Hayters P.L.C warrants to the original user- purchaser that this unit shall be free from defects in material and workmanship under normal use and services for a period of one year from the date of purchase.
This warranty does not cover engines, batteries (except as noted below), or wearing parts i.e cutterbars, wheels and tyres. If you are uncertain whether your machine contains or is equipped with one or more of these parts, consult your 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 warranty period.

Engine manufacturers furnish their own warranties and provide services through their authorised network. If you experience any difficulty in obtaining warranty for these items. Please contact your specialist Hayter dealer.

In the event that the battery proves defective within 90 days from the date of purchase, we will replace the battery without charge. If the battery proves defective after 90 days but within 120 days from the date of purchase, we will replace the battery for a charge of one half of the retail price of the battery (price in effect at the time of return).

This warranty is your exclusive right and does not apply to any unit that has been tampered with, altered, misused, abused or used for rental use. Neither does the warranty apply 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 instruction manual 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 claim under warranty, return the unit along with proof of purchase indicating the purchase date and machine serial number to the authorised Hayter dealer through whom the machine was originally supplied. 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 specified 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 P.L.C. Service Department, Spellbrook, Bishop's Stortford, Herts. CM23 4BU.

SAFETY PRECAUTIONS

1.1



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

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

TRAINING



Read the instructions carefully. Be familiar with the controls and the proper use of the equipment. Learn how to stop the engine 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. Do not operate the equipment when barefoot or wearing sandles.



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



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 remove the mower away from the area of spillage. Avoid creating any source of ignition until petrol vapours have dissipated.



Replace faulty silencers.



Always ensure that the mower is in safe operating condition. Frequently check all nuts, bolts and screws for tightness. Use only replacement parts made and guaranteed by Hayters plc.



Damaged cutterbars and loose fixing bolts are major hazards. Before using, always visually inspect the cutting mechanism to ensure that it is in good condition. A damaged cutterbar must be immediately replaced. Use only replacement parts made and guaranteed by Hayters plc. Cutterbars can be resharpened, ensure that both cutting edges are resharpened equally to maintain balance. An unbalanced blade will cause serious damage to your machine.

SAFETY PRECAUTIONS

OPERATION


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


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.


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 setting or overspeed the engine.


Disengage the rear roller drive clutch before starting the engine (applies to 301K model only .)


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 wire :

- Before clearing blockages or unclogging the discharge chute.

- Before cleaning/checking or working on the mower.


Stop the engine:

- Whenever you leave the engine.

- 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 without the grassbag, do not lift the deflector plate whilst the mower is in operation.


WARNING : The cutterbar can continue to rotate after the engine is switched off.

SAFETY PRECAUTIONS / SPECIFICATIONS

MAINTENANCE AND STORAGE


Keep all nuts, bolts and screws tight to be sure the equipment is in safe working condition .


Never store the mower with petrol in the tank inside a building where fumes may reach a flame or spark .


Allow the engine to cool before storing in any enclosure.


To reduce fire hazard, keep the engine, silencer , battery compartment and storage area free of grass, leaves, or excessive grease.


Check the grass catcher frequently for wear or deterioration.


Replace worn or damaged parts for safety.


If the fuel tank has to be drained, this should be done outdoors.

SPECIFICATIONS

	300K	301K	302K
Engine model	B&S Quantum XM 35		Vantage 35
Engine type	121802-0415-01	121882-0419-01	
Power rating	3.5 HP (2.6kw)		3.5 HP (2.6kw)
Engine/cutterbar speed	3100 RPM		2800 RPM
Fuel type	see engine manual		
Fuel capacity	1.4 litres (2.7 pints)		1.0 litres (1.8 pints)
Oil type	SAE 30		
Cutting width	410 mm (16")		
Cutting height	13mm-57mm (1/2-2 1/4")		
Weight	29 kg (64 lbs)	30 kg (66 lbs)	23.0 kg (50 lbs)

OPERATING INSTRUCTIONS

1. 4

Before using the machine, READ the operating instructions carefully, paying particular attention to the SAFETY PRECAUTIONS. Also read the engine manufacturers handbook and carry out the recommended lubrication.

OPERATING THE MOWER

STARTING THE ENGINE : Please refer to engine manufacturers hand book. IMPORTANT : No attempt must be made to start the engine until the sump has been filled with one of the recommended grades of lubricating oil.

STOPPING THE ENGINE : Operate the throttle control lever to the rear stop position to stop the engine. Refer to fig 1.

FORWARD SPEED CONTROL : (Applies to 301K model only). Operate the roller drive clutch lever forwards to engage forward travel. The roller drive clutch incorporates a fail-safe device, i.e the machine will only move forward whilst the clutch lever is manually sustained. Release the clutch lever to stop the machine moving forwards. Refer to fig 1.

HEIGHT OF CUT ADJUSTMENT : To change the height of cut, locate the height adjuster handle and squeeze the handle trigger. Raise or lower the mower as necessary using the handle and release the trigger to engage at the desired height of cut. Refer to fig 1.

MOWING PROCEDURES

The following practices are recommended to ensure satisfactory results and eliminate undue stress being imposed on the machine.

LAWNS : Fit the grass collector and set the mower to the desired height of cut.
Prevent blockages and over working the machine by not setting the height of cut too low. In long grass conditions be prepared to make two cuts, the second cut being lower than the first.

HEAVY GROWTH ON LAWNS : In adverse heavy growth conditions set the height of cut to its maximum, remove the grass bag and ensure that the rear grass deflector is secured in its lowest position.

BORDERS : The inset wheels permit mowing over lawn edges and cutting close up to walls, fences and other obstructions.
Borders should be cut with edging shears before mowing.

HIDDEN OBSTRUCTIONS : If an obstruction is encountered whilst mowing, the machine should be carefully drawn backwards without raising the front, the engine stopped, and the spark plug lead removed . Examine the cutting mechanism and replace if severe damage or breakage is evident. If the cutting mechanism is undamaged, remove the obstruction or proceed to work around it. Refer to MAINTENANCE - CUTTERBAR on page 1.5.

BLOCKAGE IN THE DISCHARGE CHUTE : Never attempt to remove too much grass in one cut especially if the grass is wet as this will increase the possibility of a blockage occurring. If a blockage does occur :

ALWAYS check that the grass bag is not being overfilled as this will create a blockage.

NEVER put a hand in the discharge chute aperture while the engine is running.

ALWAYS stop the engine and disconnect the spark plug prior to cleaning the blockage.

MAINTENANCE

ENGINE : Read the engine manufacturers handbook and carefully carry out the recommended procedures, paying particular attention to the lubricating instructions.

LUBRICATION : Periodically apply a quality lubrication oil to linkage points and control cables.

SECURING NUTS & BOLTS : Check all securing nuts and bolts periodically and tighten if necessary.

CUTTERBAR : The Hayter cutterbar incorporates a friction disc for added engine protection. If the cutterbar strikes an obstruction it will move relative to the friction disc 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. The cutterbar may be resharpened providing that both ends are evenly sharpened to maintain balance.
If the cutterbar is damaged to the extent that it becomes out of balance it should be replaced immediately. Fit the new cutterbar as shown in Fig 2. ensuring that the retaining setscrew is tightened securely to a torque of 54Nm. (40 ft. lb).

Fig 1

OPERATOR CONTROLS

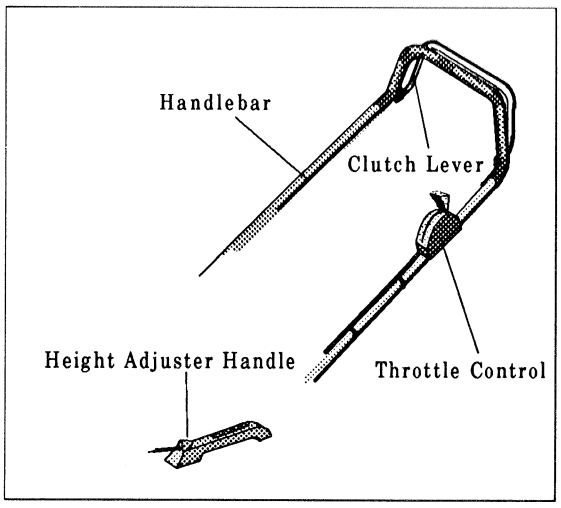
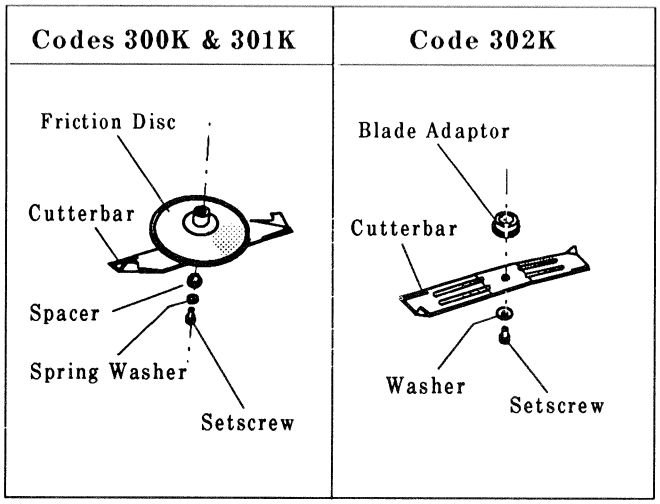


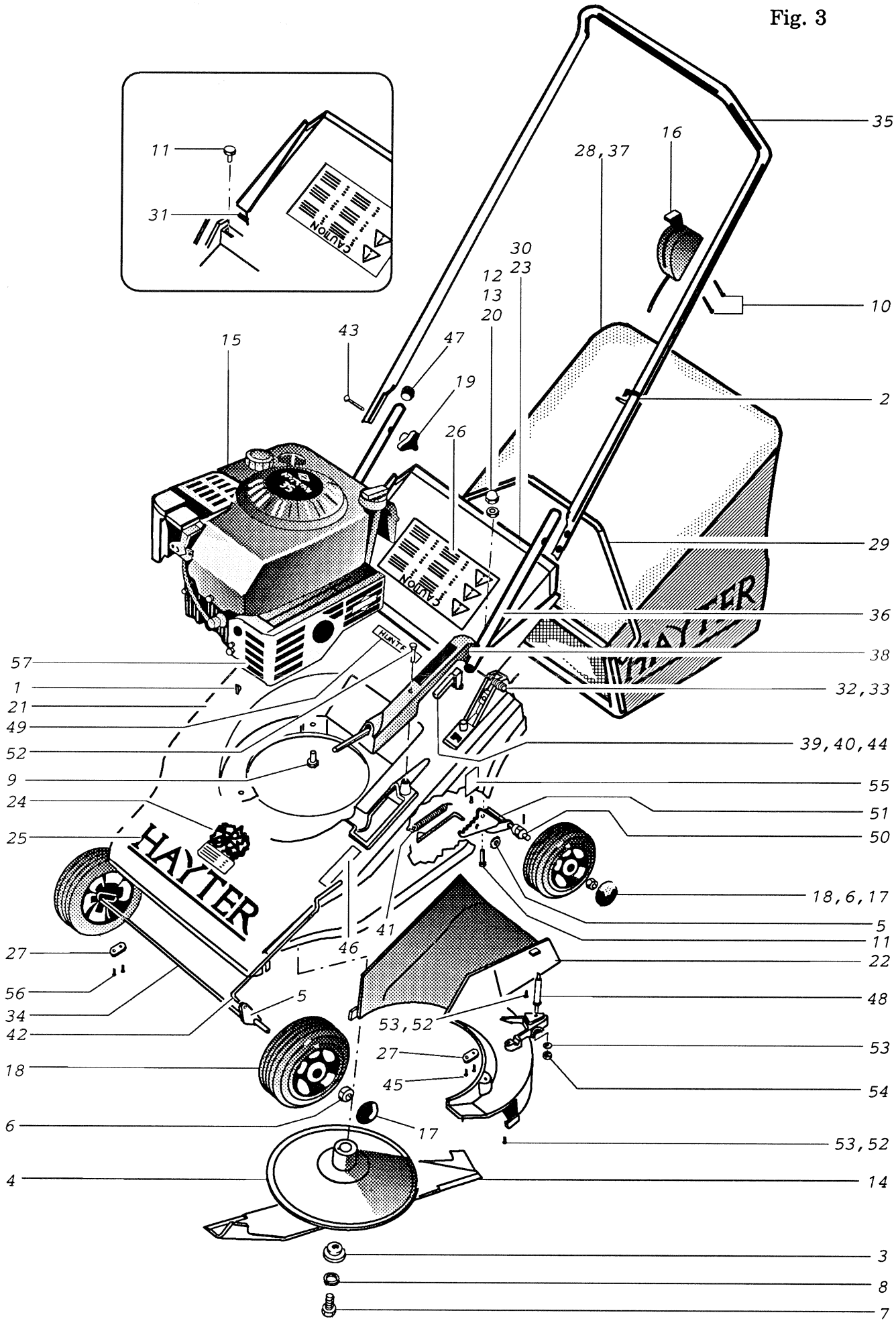
Fig 2

CUTTERBAR ASSEMBLY



HUNTER 41 MAINFRAME ASSEMBLY (CODE 300K)

Fig. 3



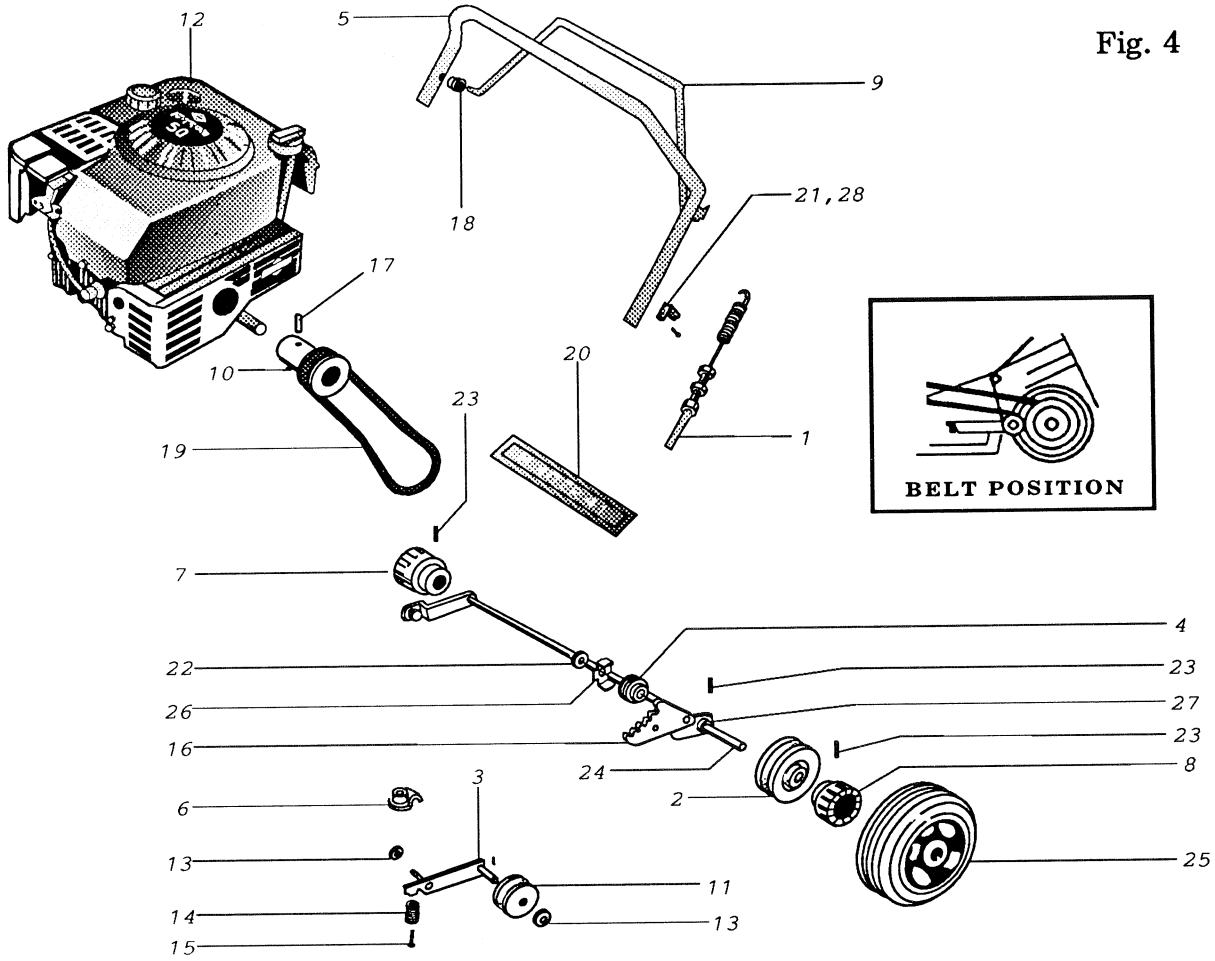
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HUNTER 41 MAINFRAME ASSEMBLY (CODE 300K)

Item No.	Part No.	No. Off	Description
1	1662	1	Key
2	3966	2	Cable Tie
3	4014	1	Spacer
4	6164	1	Friction Disc Assembly
5	02385	2	Gripfix
6	4486	4	Wheel Nut
7	09118	1	3/8" UNF x 1.1/2" Setscrew
8	09273	1	3/8" Spring Washer
9	09349	3	3/8" UNC x 1.1/4" Taptite Screw
10	09600	2	No. 8 Pozipan Head Screw
11	09575	3	M6 x 20 Taptite Screw
12	09441	2	M8 Nyl. Ins. 'T'-type Nut
13	09379	2	M8 x 40 Coachbolt
14	201026	1	Cutterbar
15	320100	1	Engine Briggs (& Stratton)
16	300129	1	Throttle Control & Cable
17	201091	4	Hub Cap
18	201095	4	6" Wheel c/w Bearing 5221
19	226013	2	Knob
20	234051	2	M8 Nut Cap
21	300123	1	Deck
22	300124	1	Throwplate
23	300110	2	Buffer Anti-Rattle
24	5877	1	Royal Warrant Label
25	201110	1	Hayter Label
26	320065	1	Caution Label
27	219037	4	Securing Plate
28	300040	1	Grassbag Assy. c/w Item 29 & 37
29	300045	1	Frame
30	300050	1	Deflector
31	300051	1	Deflector Rod
32	300052	1	Deflector Spring O / S
33	300053	1	Deflector Spring N / S
34	300111	1	Front Axle Assembly
35	300061	1	Handlebar Upper
36	300062	2	Handlebar Lower
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	226024	2	M8 x 45 Coachbolt
44	301074	1	Roll Pin
45	09634	4	6mm x 16 Pozidrive Screw
46	300006	1	Height of Cut Label
47	320048	2	Tube Plug
48	300137	1	Pillar
49	300005	1	Hunter 41 Label
50	302017	1	Spacer
51	302012	1	Rear Axle Assembly
52	09596	10	Screw
53	09472	8	Plain Washer
54	09544	1	M6 Nyl. Ins. 'T' -type Nut
55	300127	1	Serial Number / Noise Label
56	09546	4	M6 x 12 Screw
57	300136	1	Exhaust Cover

HUNTER 41 SELF PROPELLED (CODE 301K) VARIANTS

Fig. 4

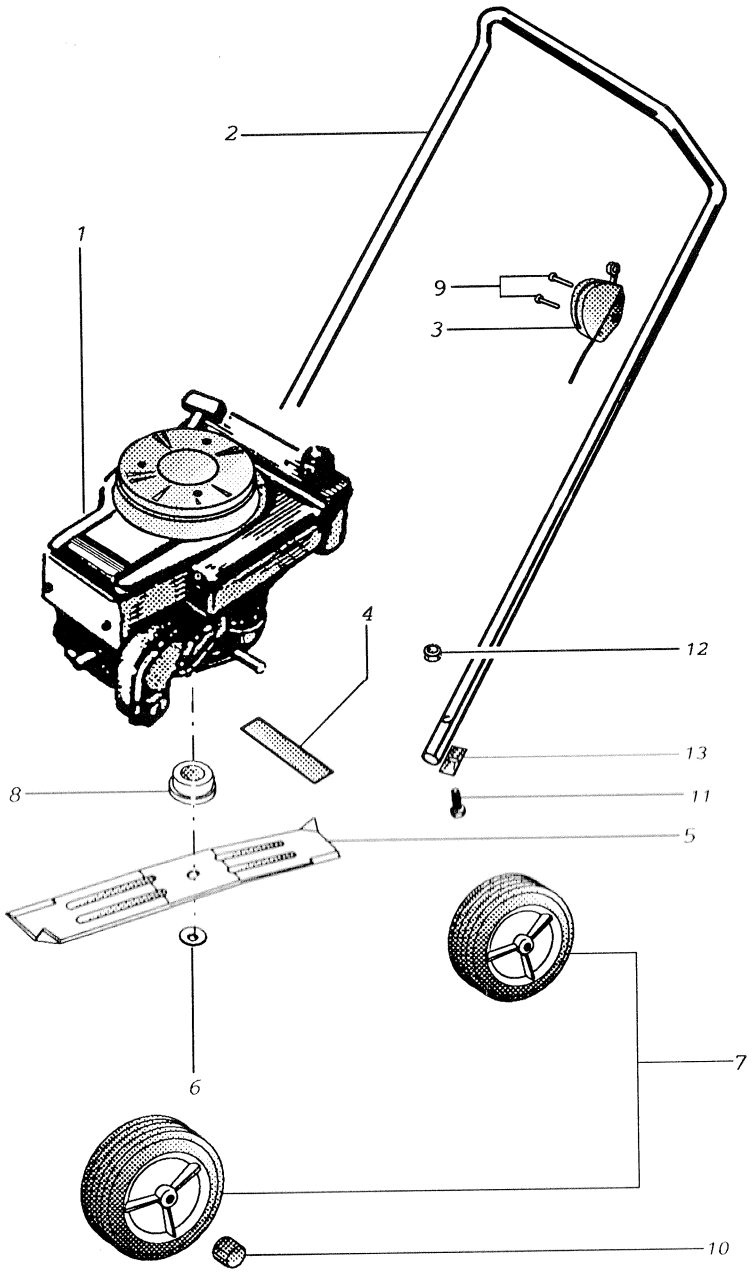


Item No.	Part No.	No. Off	Description
1	301005	1	Clutch Cable
2	301010	1	Pulley
3	301015	1	Jockey Arm Assembly
4	301020	1	Compensating Pulley
5	300061	1	Handlebar Upper c/w Item 18
6	301030	1	Bearing Half
7	301062	1	Moulding Wheel Drive Long
8	301063	1	Moulding Wheel Drive Short
9	301007	1	Clutch Lever
10	301094	1	Engine Pulley
11	239021	1	Tensioner Pulley
12	301093	1	Engine
13	04020	2	Springfix
14	301031	1	Compression Spring
15	09596	1	M6 x 16 Pozi-Drive Screw
16	301028	1	Rear Axle Frame
17	03997	1	Roll Pin
18	239039	2	Bush
19	301046	1	V-Belt
20	321009	1	Autodrive Label
21	239052	1	Clutch Cable Stop Bracket
22	0201024	1	Starlock Washer
23	321052	3	Roll Pin
24	301060	1	Rear Axle Shaft
25	301038	2	Wheel
26	301050	1	Compensating Plate
27	300038	2	Rear Axle Bush
28	09318	1	Rivet

HUNTER 41 SPECIAL EDITION (CODE 302K) VARIANTS

1.9

Fig. 5



Item No.	Part No.	No. Off	Description
1	302011	1	Engine Tecumseh 3 h.p.
2	302015	1	Handlebar
3	302021	1	Throttle Control & Cable
4	302027	1	Hunter 41 Special Edition Label
5	302026	1	Cutterbar
6	MU17x137	1	Belleville Washer
7	302016	4	6" Wheel
8	MU42734	1	Blade Adaptor
9	09524	2	M5 x 25 Throttle Screw
10	219143	4	Hub Cap
11	09379	2	M8 x 40 Coach Bolt
12	09442	2	M8 Nut
13	09601	2	M8 Pushnut

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