

GROUNDSMAN[®]

INDUSTRIES LTD

Leading by design

Operators Manual

MODEL TMC46
TURF **multi** CUTTER



*Exceptional build quality,
machines you can rely on
& great aftersales care...*



To see our full range visit
our website or give us a
call, there are no pushy
salesmen, just good
honest help & advice...



Tel : +44(0) 28 2766 7049

Email : info@groundsmanindustries.com

www.groundsmanindustries.com

SERIAL NUMBER

DELIVERY DATE

It is essential to quote the machine model and serial number when making service enquiries or ordering spare parts to avoid any delay.

The serial number of your Groundsman Pedestrian Operated Turf Multi Cutter is located **on the front right side body panel if viewed from the rear of the machine.**

This machine was supplied by:

Dealer address:

If you require any further advice or assistance you can contact Groundsman Industries directly on:

Tel: +44 (0) 28 2766 7049 Fax: +44 (0) 28 2766 6855

Email: info@groundsmanindustries.com

Website: www.groundsmanindustries.com

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SAFETY FIRST

1. All guards must be in place.

Always ensure that all guards are in position, properly fitted and maintained. Do not attempt to operate the machine before making this check each time the machine is used.

2. Beware of bystanders.

Operators should be aware that it is possible that debris can exit from the sides of the machine, so this area is best kept clear.

3. Always operate safely.

Never remove any guards or work at the any part of the mechanism while the engine is running. When tilting the machine up to rest on the chassis nose to gain access to the cutter blade, always select a stable and level surface. Be aware that in this forward tilted position, petrol can leak through the filler cap if the tank is full. Take care not to allow petrol spillage or cause to ignite.

4. Never operate the machine with any parts missing.

Check the machine periodically for loose or damaged parts. Always use genuine Groundsman Industries replacement parts. Failures caused by the use of spurious replacement parts will **not** be covered by the factory warranty, nor will any liability be accepted for damages or injury thus incurred.

5. Modifications.

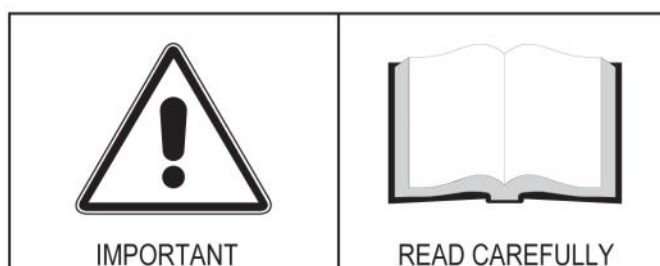
No liability will be accepted in respect of machines modified without specific **written** permission from Groundsman Industries.

6. Observe the manual.

No liability will be accepted where injury or damage is caused by using the machine in a manner other than detailed in this manual.

Always disengage blade drive before transporting the machine

Do not start this machine or carry out any maintenance until you have read and understand the safety and operating instructions contained in this manual.



No liability will be accepted for any damage caused to persons or property through failure to observe the operating and safety instructions

WARRANTY

Examination of the goods has been made by or on behalf of the purchaser and no warranty condition, description or representation on the part of the manufacturer is given or is to be implied or has been given from anything said or written in the negotiations between the parties or their representative beyond those mentioned below. Any statutory or other warrant condition, description or representation expressed or implied as to the goods is hereby expressly excluded.

In lieu, thereof the manufacturer undertakes to make good by repair or replacement at its option free of all charge during normal working hours. Any defects in the goods arising in the manufacturer's opinion from faulty design, materials or workmanship which shall become apparent within a period of 24 months in the case of machines, and 12 months in the case of spares from the date of receipt of the goods. At the termination of which period, all liability on the manufacturer's part ceases. Provided always and the above warranty is subject to the following conditions:

- A. The manufacturer's liability extends only to the repair or replacement and it accepts no liability for any consequential or other loss, damage or injury resulting directly or indirectly from any defect in the goods.
- B. The manufacturers warranty does not extent to failures, defects or damage attributable to wear and tear, improper adjustments, neglect, and alteration of specification or accident.
- C. All defective parts must be returned to the dealer immediately together with full particulars of the defects, the machine number, the hours worked and the date machine was supplied.
- D. The manufacturers warranty does not extend to proprietary or other components not of its manufacture, but it will as far as possible pass to the purchaser any benefits of any guarantee given to the manufacturer in respect of such components.
- E. In the event of the rejection by the manufacturer of any claim, the part or parts returned will be destroyed unless specific instructions to the contrary were given when part or parts were returned.
- F. No claim will be considered if other than genuine parts manufactured by the manufacturer or its order and listed in its catalogue are used.
- G. This warranty should only be construed as strictly limited in its application and is valid only in the country of purchase. If the goods shall change hands during the period of this warranty, this warranty will cease to have effect.
- H. The manufacturer accepts no responsibility for damage by fire or accident of any kind to any goods returned under the terms of this warranty. The manufacturer does not accept responsibility for any accident occurring to such goods whilst on the premises.
- I. This warranty shall cease to have effect if the purchaser removes, defaces or alters the manufacturer's number plate (serial number) or any other numbers or marks affixed to any Groundsman Industries Ltd product.
- J. In respect to machines sold which have been used since the date of manufacture for commercial, contract, hire, rental or demonstrator purposes, the warranty on this product is limited in duration to 12 months from the date of purchase.

TMC46 Technical Specification

BLADES

Blade Mounting : Three Bolt Tri-Pad Mounting

Sod Cutting :

Depth	8cm (3")
Width	30cm (12") 35cm (14") 40cm (16") 45cm (18") 50cm (20") 60cm (24")

De-compact / Mole Drain / Trench :

Depth	15cm (6")
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Adjustments :

Cut Depth	0cm — 6cm infinitely variable
Cut Angle	1deg — 6deg infinitely variable

MACHINE

Overall Dimensions:

Width	66cm (26") At Handles 50cm (20") At Safety Guard
Length	120cm (47") Handles Folded 180cm (71") Handles Un-folded
Height	85cm (34")

Machine Weight : 178kg (392lbs)

Engine : 6.5 HP Honda GX200

Primary Drive Enclosed Centrifugal Clutch & Belt Drive.

Blade Drive Central Connecting Rod and Eccentric Drive Shaft
Sealed Bearings Throughout.

Ground Drive Oil filled worm gear clutch engaging front axle.
Oil bath chain driven rear axle.

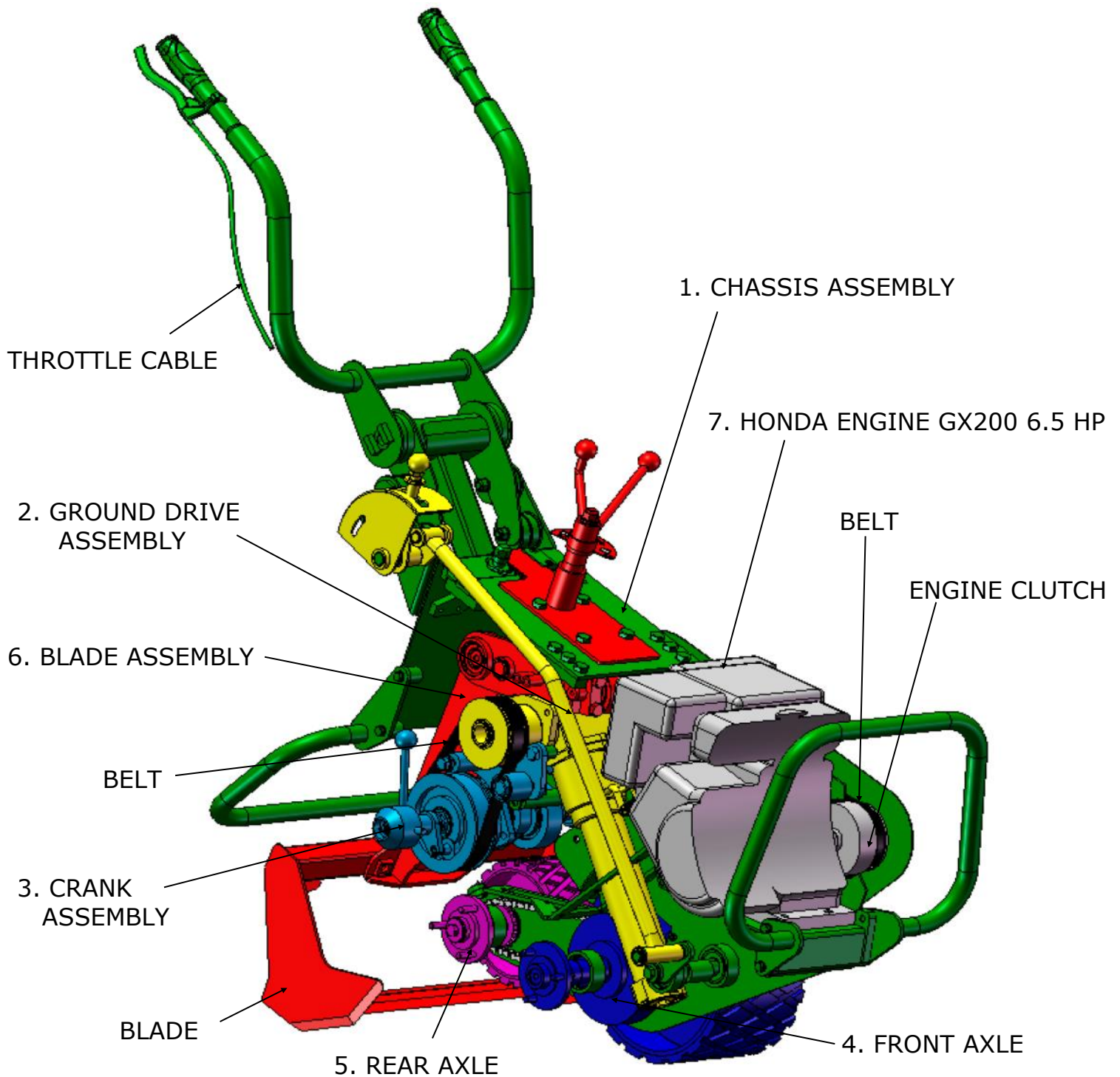
Wheels Front Stud mounted 300mm OD solid rubber turf tread
wheels available in two widths

Wheels Rear Stud Mounted solid rubber turf tread
wheels in four widths to suit blades.

PERFORMANCE CHART

Depth Adjustable (Maximum)	Cutting widths	Forward Speed	HAV Levels (Handle Bar Vibration)
TURF CUTTING 8cm (3") Mole & De-Compact 15cm (6")	TRENCH 16cm SOD 30cm to 60cm	30 mtrs/min (32 yds)	6.68 (m/s ²) Maximum Operating Time 1.12 Hours

TMC46 Machine Breakdown



ITEM NO.	PART NO.	DESCRIPTION	COLOUR CODE
1	BHB 001	Chassis Assembly	
2	BHB 298	Ground Drive Assembly	
3	BHB 319	Crank Assembly	
4	BHB 253	Front Axle Assembly	
5	BHB 214	Rear Axle Assembly	
6	BHB 529	Blade Assembly	
7	BHB 457	Engine, Clutch, Belt & Chains	

TMC46 Technical Information

With reference to the colour coded illustration on Page 6 of the TMC46 Operators Manual Booklet

Engine, Clutch, Belt & Chains

Honda GX200 parallel $\frac{3}{4}$ " keyed shaft 6.5 HP engine fitted with a solid steel twin shoe centrifugal clutch. The clutch is throttle lever activated and drives an 'A' section main drive V-belt transmitting power from the engine to the input shaft pulley located on the far side of the tee gearbox (yellow) The V-belt is tensioned by an adjustable jockey pulley which rides on the inside V section tensioning the belt outward in its natural curvature rather than riding on the back of the belt thereby minimising belt failure from splitting. The belt is easily accessible for adjustment or replacement by removing the cover.

Ground Drive Assembly

The V belt driven input shaft runs through the sealed oil filled tee gearbox across the width of the chassis driving a 30mm (1 $\frac{1}{4}$ ") wide flat toothed belt to transmit power to the blade-drive crankshaft. The worm-gear shaft extends downwards from the tee gearbox through the worm tube casing transmitting power to the front wheel axle (blue) by engaging on a heavy duty 160mm (6") diameter bronze worm wheel. The worm gear drive is engaged and disengaged by a remote gear lever via a direct linkage rod and activating cam within the axle casing.

Front Axle Assembly & Rear Axle Assembly

The positioning of the wheel axles within the casing maximises traction, balance and blade ground clearance. The rear axle (purple) is chain driven from the front axle (blue). The worm gears and drive chain are enclosed and submerged in the oil filled casing for long life and is virtually maintenance free.

Crank Assembly

The flat toothed belt transmits power from the tee gearbox output shaft via the lever activated plunger-pin blade drive clutch to the blade drive crankshaft. The flat belt is quiet running, extremely long lasting and requires no lubrication. It provides a cushion drive to the cutter-blade helping prevent damage from stones or intrusions. The blade drive flat belt is easily accessible for adjustment or replacement by removing the belt cover. The blade drive crankshaft is fitted with two flywheel counter-balance weights which counteract the vibrations generated by the oscillating blade drive mechanism.

TMC46 Technical Information

Blade Assembly

A single connecting rod is located on the blade drive crankshaft and attaches to a high tensile steel drive leg centrally located in relation to the cutter blade; this allows the blade to flex at either side on impact with obstacles giving additional protection to the blade. The blade drive connecting-rod is attached to the drive leg at a midway point above the cutter blade allowing the crank drive to have a shorter throw keeping the moving mass to a minimum, this in conjunction with the crank-shaft flywheels keep the vibration levels generated by the blade drive mechanism to a minimum.

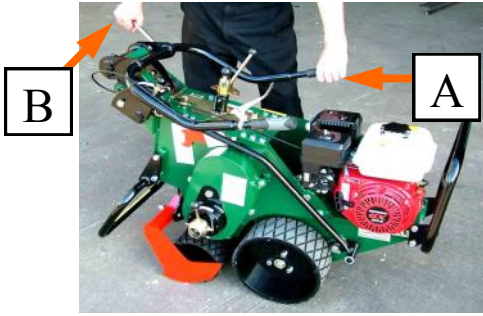
The cutter blades are attached to the blade drive leg by a unique three bolt tri-pad mounting system which enables the operator to adjust the blade to get an equal thickness across the width of the cut before finally tightening the blade mounting bolts. The tri-pad mounting system can also accommodate a variety of blades and attachments. All blades are made from hardened toughened steel and the sod undercutting blades have an arched cross section allowing the sod to flow easier over the blade while stiffening the blade to prevent sagging thereby maintaining thickness across the width of the sod..

The upper end of the blade drive leg is attached to a beam which enables it to be adjusted up and down by the depth set screw to alter the depth of cut. The beam is fitted to the chassis by a bearing block which is bolted through four slots. The blade cutting angle and the distance from the blade wheels can be altered by loosening the four mounting bolts and sliding the mounting block back and forth along the slots using the gear rack adjuster nut. The blade can be positioned very close to the blade wheels with a flat cutting angle for absolute precision cutting on fine turf even in rolling terrain or moved away from the blade wheels increasing the throat gap and cutting angle for deeper cutting on rough or matted grass conditions.

Chassis Assembly

Engine and blade guards are incorporated to the chassis front and rear. The chassis is designed to allow access to the mechanisms with the minimum of dismantling. The main sub assemblies can be removed independently if repairs or maintenance is required. The belt drives are located external of the chassis and easily accessed by removing the belt covers. The operator handles are mounted to the chassis by four double jointed circular rubber mounts. These are positioned and mounted so as to allow maximum deflexion on a vertical plane to absorb cutting vibrations in work while restricting the right / left or lateral movement for maximum operator control to steer and guide the machine in the cut. A limit stop is incorporated to prevent damage to the rubber joints if excessive force is applied the operator handles. The handles can be folded over the chassis for compact storage.

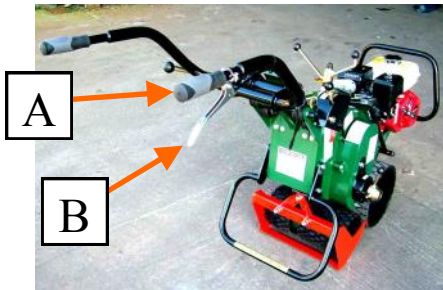
Operator Levers and Controls



OPERATORS HANDLES FOLDED

‘A’ OPERATORS HANDLES

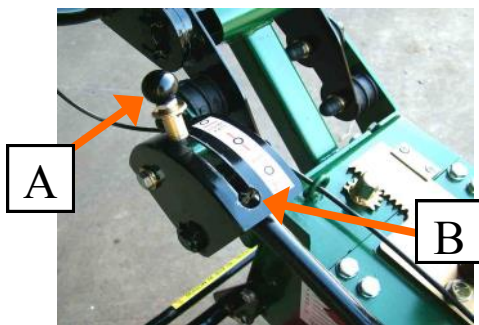
‘B’ OPERATORS HANDLES CLAMP BAR



OPERATORS HANDLE UNFOLDED

‘A’ OPERATORS HANDLES

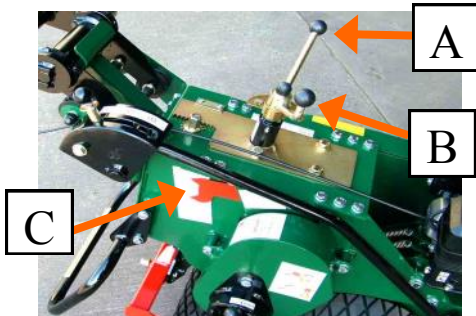
‘B’ THROTTLE LEVER



GROUND DRIVE LEVER

‘A’ GROUND DRIVE ENGAGEMENT LEVER

‘B’ GROUND DRIVE ENGAGED POSITION

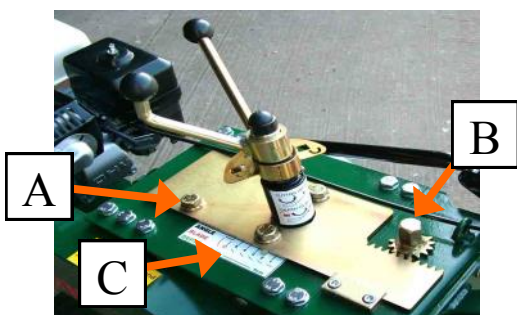


CUTTING DEPTH-SET LEVERS

‘A’ DEPTH LOCK LEVER

‘B’ DEPTH ADJUSTMENT CRANK LEVER

‘C’ DEPTH SCALE

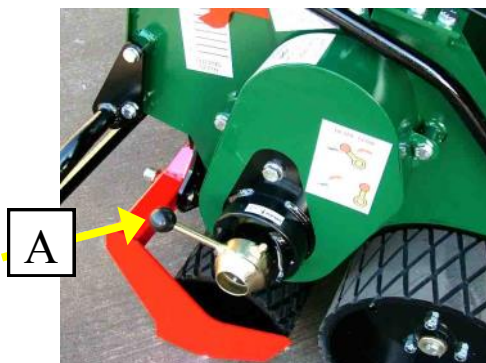


CUTTING BLADE ANGLE ADJUSTMENT

‘A’ BLADE ANGLE CLAMP BOLT (four)

‘B’ BLADE ANGLE ADJUSTMENT NUT

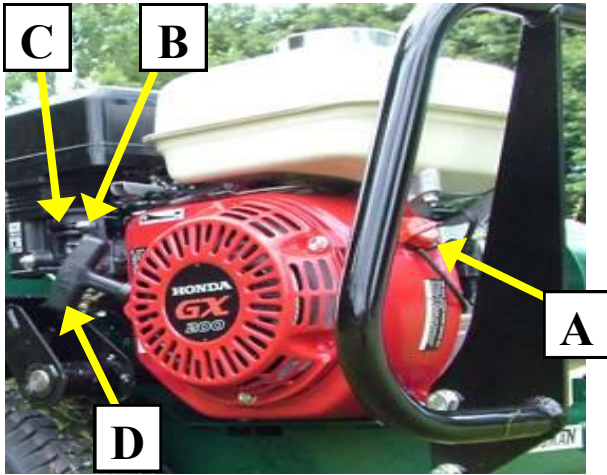
‘C’ BLADE ANGLE ADJUSTMENT SCALE



BLADE-DRIVE ENGAGEMENT

‘A’ BLADE-DRIVE LEVER (engaged)

Operator Levers and Controls



HONDA PETROL ENGINE

‘A’ ON OFF SWITCH

‘B’ CHOKE LEVER

‘C’ FUEL ON OFF LEVER

‘D’ PULL STARTER HANDLE

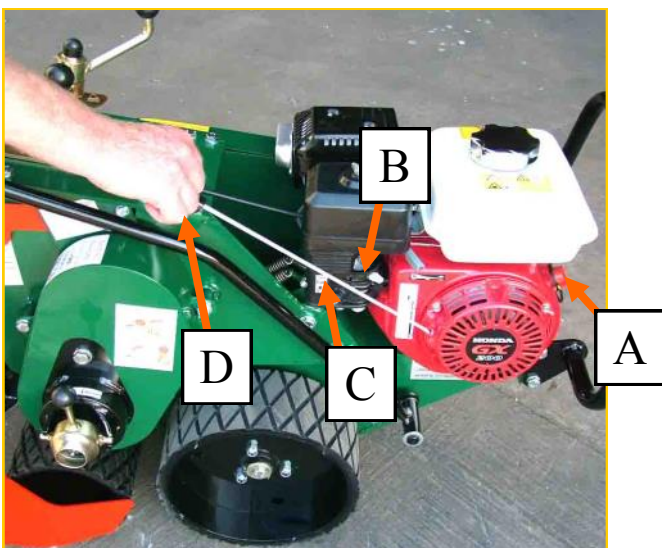
Basic Setting Up and Operating Instructions



OPERATORS HANDLES

The operators handles 'A' can be folded for storage or carriage. To unfold slacken handle clamp lever 'B' and pivot the handles up and back.

Set the operators handles at a height which is comfortable to operate the machine. Re-tighten the clamp lever firmly.

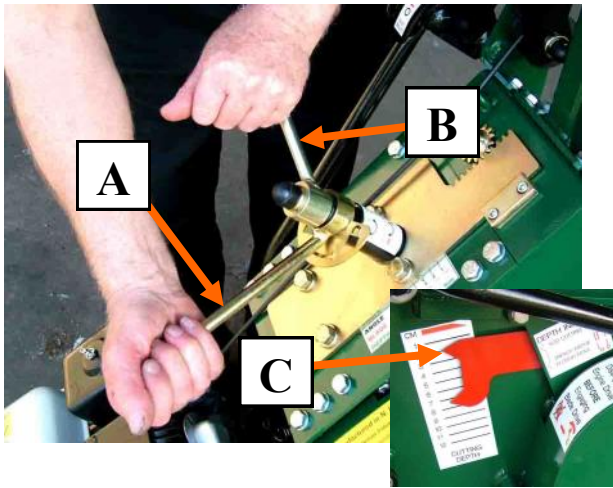


THE ENGINE

The TMC46 Mk2 Turf Cutter is fitted with a Honda GX200 6.5 HP Engine. Unleaded or low leaded fuel is preferred to minimize combustion chamber deposits. **Before starting for the first time check that the engine has been filled to the correct level with engine oil** (see running maintenance section of this manual). To start the engine, turn the ignition switch 'A' on. Check that the fuel lever 'C' is turned on and if the engine is cold, turn on the choke lever 'B'. Pull the starter cord handle 'D' and when the engine starts, ease the choke lever off.

BEFORE STARTING AND OPERATING THE ENGINE, FAMILIARISE YOURSELF WITH THE HONDA ENGINE MANUAL SUPPLIED WITH THIS OPERATORS MANUAL.

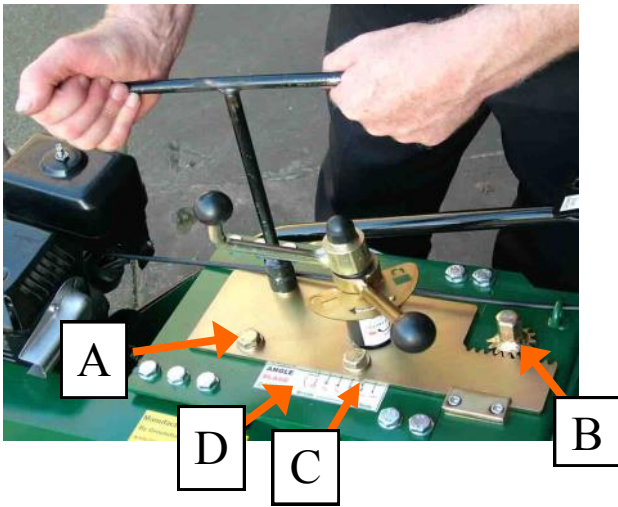
Basic Setting Up and Operating Instructions



DEPTH OF CUT

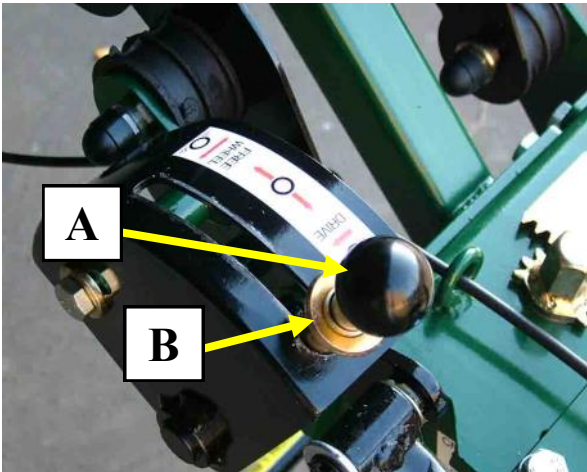
Tilt the machine forward to clear the blade from the ground when adjusting the depth of cut.

Loosen the depth clamp lever 'A' by turning it in a clockwise direction. Turn the depth crank lever 'B' clockwise to reduce the cutting depth, and anticlockwise to increase it. The cutting depth is indicated by the scale 'C' (inset picture) When the desired depth is set, re-clamp the depth clamp lever 'A' firmly.



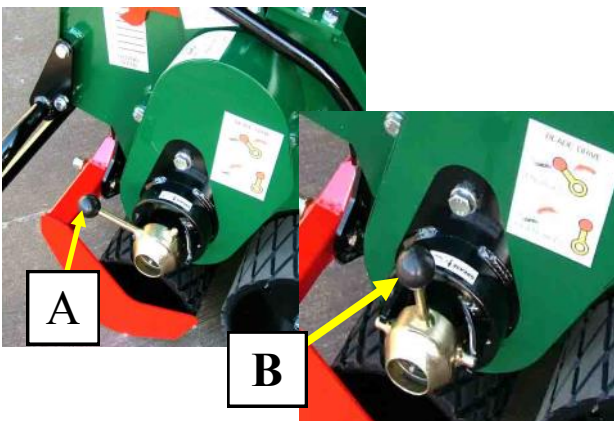
BLADE ANGLE ADJUSTMENT

Tilt the machine forward unto it's nose to clear the cutter blade from the ground. Slacken the four blade angle clamp bolts 'A' and turn nut 'B' to set the blade angle pointer 'C' to the required blade angle on scale 'D'. Adjust the blade angle to achieve the best traction and cut quality. As a rule of thumb, moving the pointer 'C' back towards number one on the scale is best for shallow fine cutting and forward towards number five increases the blade angle and moves the blade away from the blade wheel opening the throat for deeper cutting in the rough. For Mole-draining and De-compacting adjust the blade angle to six coinciding with the Mole-drain and De-compaction blade symbols on the scale. **Re-tighten the four clamp bolts 'A' firmly before operating**



GROUND DRIVE

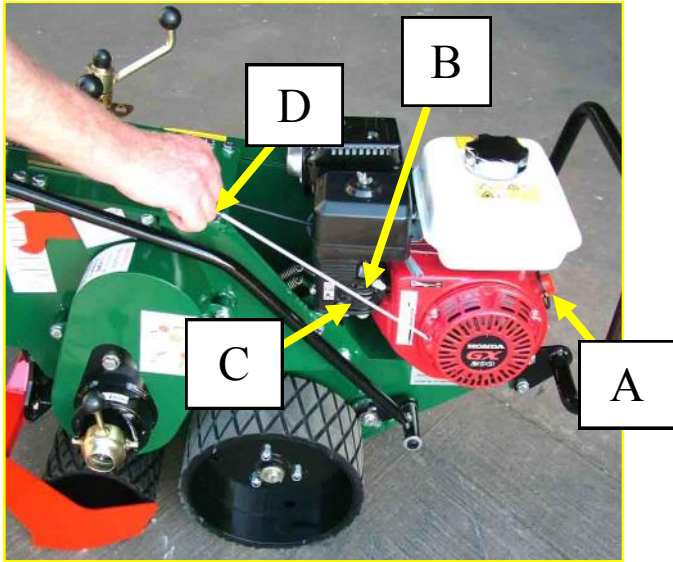
Ground wheel drive can be engaged or disengaged by pulling upwards on the stem-lock plunger 'B' and moving the lever 'A' forward to engage the Ground drive or rearward to disengage. When the ground Drive Clutch Lever is in the rearward neutral position the wheels are free to turn for wheeling or manoeuvring the machine. The ground drive is set independently of the cutter drive.



ENGAGE AND DIS-ENGAGE CUTTER DRIVE

To disengage the cutter drive push the lever 'A' forward until it locks into the neutral position 'B'. **When engaging the cutter drive ensure the engine is idling and pull the lever back to release it from the locked neutral position. Pull the throttle lever gently to enable the blade clutch to fully engage drive before increasing the power.**

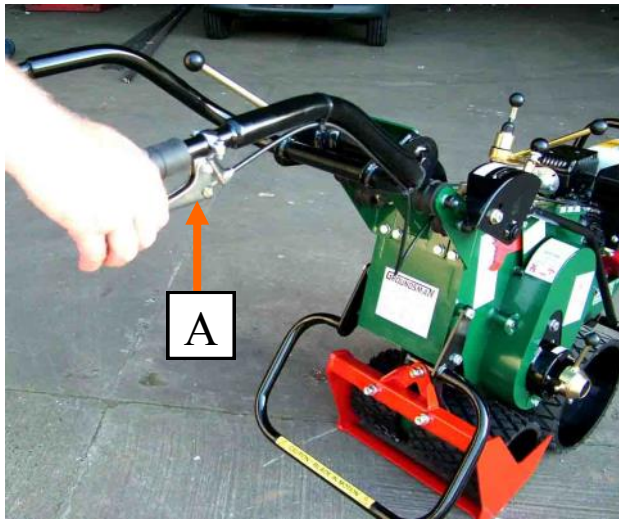
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THE ENGINE

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TRANSPORTING AND MANOEUVRING

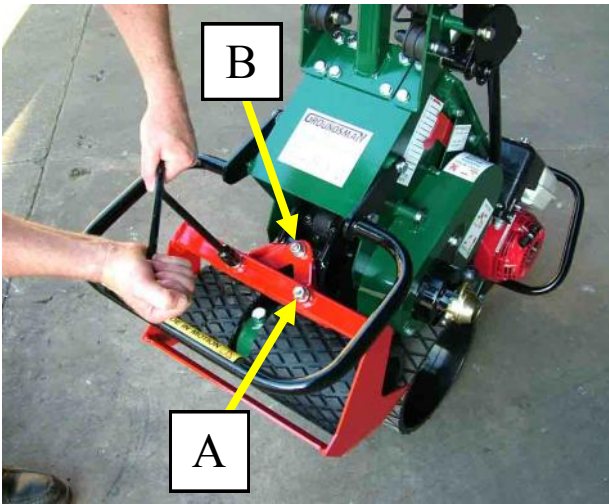
Pulling up on the throttle lever 'A' will increase the engine speed and engage the main drive clutch. If the ground drive lever and blade drive toggle are set in the disengaged (neutral) position, no drive will be transmitted to the ground wheel or the cutter blade and the machine can be wheeled freely by the operator. Engage the ground drive for forward transportation under power. Tilt the machine forward to balance on the front wheel when manoeuvring or transporting the machine, the cutter blade drive should remain disengaged.



OPERATING THE MACHINE IN WORK

Follow the instructions to set the cutter depth and engage the blade cutter drive. Ensure that the ground wheel drive is also engaged. Start the engine and grasping the throttle lever pull upward to engage the main drive. Apply a gentle downward pressure to the operators handles to enter the cutter blade in the ground then relax the handles and allow the machine to do the work. To exit the cut, tilt the machine forward while the drive is still engaged until the cutter blade clears the ground then balancing the machine on it's front wheels manoeuvre the machine for the next cut.

Changing the Blades



BEFORE COMMENCING TO CHANGE THE CUTTER BLADE SWITCH THE ENGINE OFF.

Remove and fitting the cutter blade

Tilt the machine forward to rest the chassis nose on the ground. The Sod Cutting Blade is attached by three bolts, two long bolts 'A' and one short bolt 'B'. Using the tee wrench supplied with the machine, loosen the blade mounting nuts and allow the bolts to slip forward into the mounting pad to enable the blade to slide downwards for removal. The two longer bolts are located in the lower two holes and the shorter bolt at the top. Ensure that the heavy washers are re-fitted and that the nuts are tightened firmly. **DO NOT ALLOW** the blade mounting bolts to work loose, re-check that the nuts are tight periodically when in use.



Fitting the de-compactor or mole-drain blade

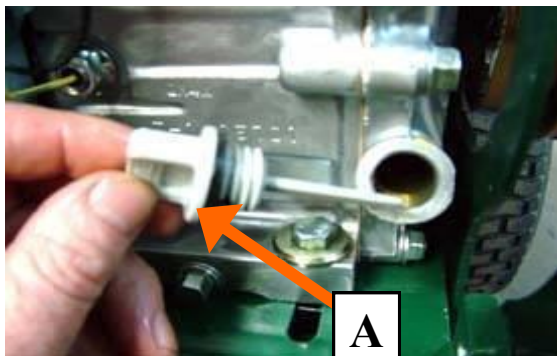
The Mole-drain and de-compactor blades are fitted in the same manner and with the same precautions as with the sod cutting blade described above.

PLEASE NOTE that the two longer bolts 'A' are not used, all three bolts are the shorter ones for these types of blades.

NOTE

See Blades and Accessories on page 17 & 18.

Running Maintenance



ENGINE

Please refer to the Honda owners manual for instructions regarding maintenance.

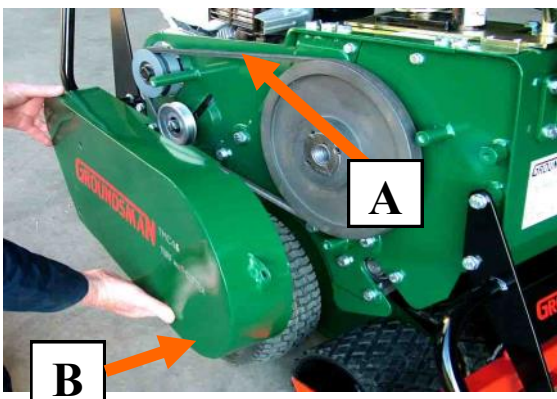
Engine Oil

The Groundsman Model TMC46 Mk1 is fitted with a GX200 Honda 6.5 HP petrol engine. When filling or checking the oil level, the engine should be level. Lower the machine to in work position, unscrew the oil plug 'A' and dip stick located at the front of the engine. Fill with SAE 10 W 30 or equivalent until the oil is level with the threads on the filler hole. When the oil plug is removed the oil should be visible on the dip stick. Check the engine oil daily. Replace every 80 hrs or 6 months.



Air Filter

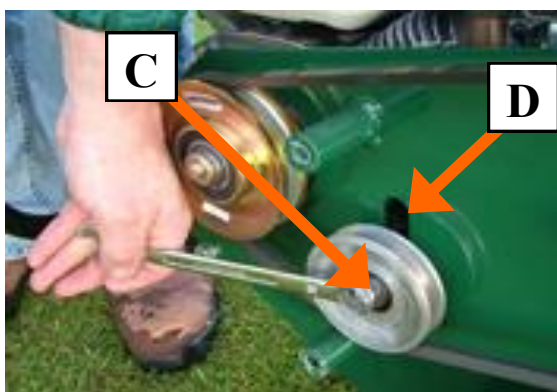
Check the air filter is clean. Undo the thumb-screw located on the top of the air filter cover 'B' located on top of the engine to expose the filter. Undo the second thumb-screw to remove the filter. Remove the filter outer foam 'C' and wash clean with petrol and squeeze in a few drops of oil. The paper element must be replaced when dirty or clogged. Check every 50 working hours depending on operating conditions.



MAIN DRIVE BELT

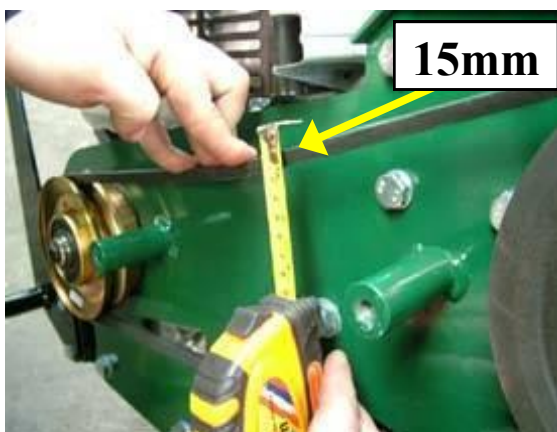
Removing the cover:

Check the main drive belt 'A' every 100 working hours. Undo the four retaining bolts to remove the main drive belt cover 'B'. If the belt is worn, split or cracked it must be replaced, otherwise, follow the instructions below to check and re-tension the belt if necessary.



Replacing and tensioning the belt:

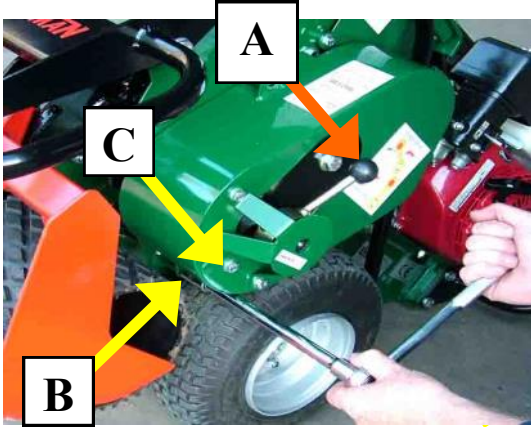
Slacken the belt tension pulley spindle bolt 'C' and slide the tension pulley upward in the slot 'D' to slacken the belt for easy removal and replacement. To re-tension the belt push the belt tension pulley downwards in the slot. Fine adjustment can be made to the belt tension by lightly tightening the tension pulley and tapping on the top of the spindle behind the pulley next to the slot using a suitable flat drift to achieve the correct belt tension.



The correct belt tension:

Placing your fingers on top of the belt half way between the pulleys and pressing downward, tension the belt to achieve 15mm deflection. Re-tighten the tension pulley spindle bolt firmly.

Running Maintenance

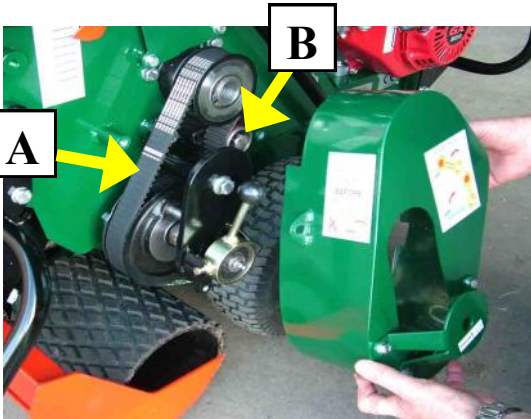


BLADE DRIVE BELT

Check and re-tension the blade-drive belt every 300 working hours. If it is worn, split or cracked the belt must be replaced. Access the blade-drive belt by removing the cover-guard.

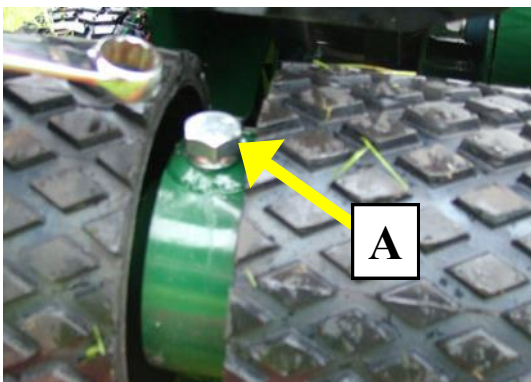
Removing the cover:

Place the blade-drive engagement lever 'A' in the forward neutral position. Undo the three main retaining bolts from guard lugs 'B' plus the smaller bolt 'C' to remove the blade drive belt cover.



Replacing and tensioning the belt:

Using a socket wrench, slacken the belt tensioning roller spindle bolt 'B' and slide the tensioning roller along the slot to loosen the blade-drive belt 'A' for removal. Slide the belt off the pulleys and over the blade-drive lever and bracket. To re-tension the belt push the tensioning roller along the slot firmly against the belt and retighten the belt tensioning roller locking spindle bolt firmly. Replace the cover and tighten the four retaining bolts.



GROUND DRIVE GEAR-BOX

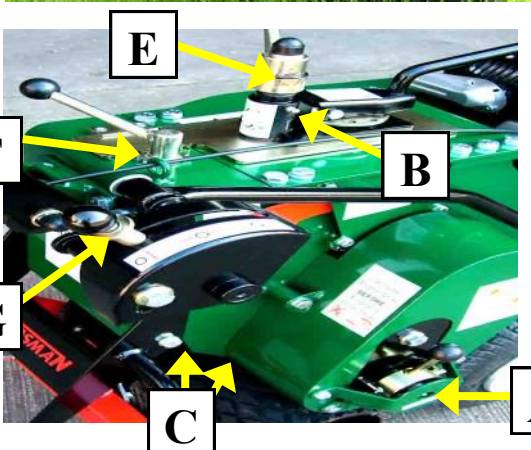
Checking and topping up the oil level:

Check the ground drive gear-box oil level every 300 working hours or if there is any sign of oil leakage under the machine. With the cutter blade removed, ensure all four wheels are resting on a suitable level work surface. With a extension socket wrench, remove oil plug 'A' and using a container with a filler tube top up the gear-box oil level with EP 90 gear-oil until the oil is level with the lip of the gear-box filler hole. Replace the oil plug and tighten firmly.



Draining the oil :

Drain and replace the gear-box oil every 900 working hours. With the cutter blade removed, ensure all four wheels are resting on a suitable level work surface. Place a suitable shallow oil pan underneath the drain hole, remove the oil drain plug 'B' located underneath the front of machine between the front wheels. Tilt the machine forward to allow all the oil to drain from the gear-box. Retighten the oil-drain plug firmly and refill the gear-box as instructed in the topping up procedure above.



Grease

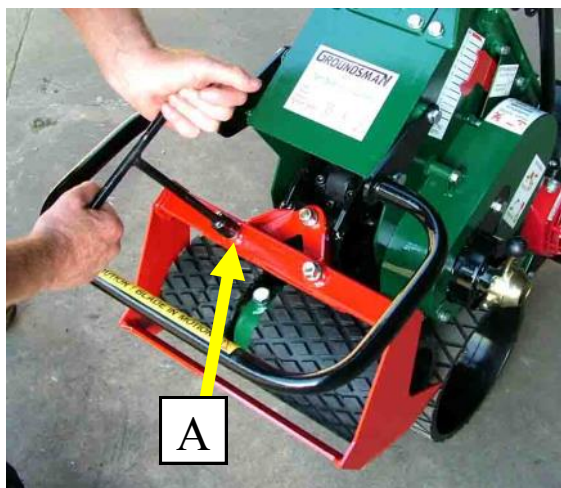
Using a grease gun apply two or three pumps of general purpose grease to the grease nipples on Lever-spindle 'A' Lever-housing 'B' and Crank-bearings 'C' at the four locations indicated. Do not over-greasing nipple 'A' to avoid getting grease on the crank drive belt.

Oil

Apply a few drops of oil to the base of Levers 'E' and 'F' and the locking plunger on Lever 'G'. Oil the upper end of the throt-

Running Maintenance

CUTTER BLADE



Check for wear and tighten the mounting bolts:

It is important not to allow the cutter blade to become loose

The three blade mounting bolts 'A' should be checked and tightened five working hours after initial fitting and every 30 working hours thereafter. On a level surface, tilt the machine forward to rest on the front chassis nose and use the tee wrench supplied to tighten the bolts. If the cutting edge on the cutter blade cross knife or side knives is rounded and dull, the blade should be removed for sharpening. This should be done by a service workshop. The cutting bevel should be ground on the upper face of the blade cross knife and on the outermost faces of the side knives.

If the blade cross knife is worn to less than 25mm i.e. half its original width, it will not enter the ground efficiently and must be replaced.

MAINTENANCE SUMMARY			
	Frequency	Operation	Type / Quantity
Blade	30 hrs	Tighten Mounting Bolts	Use Tee Wrench
Oil Can	30 hrs	See page 15	Penetrating Oil
Grease Gun	100 hrs	See page 15	General Purpose Grease
Blade	40 hrs	Sharpen or Replace if Worn	See page 16 (above)
Air Filter	50 hrs	Clean or Replace	See Honda Manual
Engine Oil	80 hrs	Top Up	SAE 10 W 30
Main Belt	100 hrs	Adjust or Replace	See parts manual
Blade Drive Belt	300 hrs	Adjust or Replace	See parts manual
Gear Oil	300 hrs	Top Up	EP 90

Blades and Accessories



SOD CUTTING BLADES

Four widths of sod cutting blade are available for the TMC46 from 30cm (12") 35cm (14") 40cm (16") 45cm (18") and 50cm (20") widths.

Revetting Blades

Sod cutting blades are available with a centre knife for cutting two strips of turf together in one pass. Sod widths 15cm (6") 17.5cm (7") 20cm (8") 22.5cm (9") 25cm (10") and 30cm (12") can be cut in double strips. Sod strips in these widths can be used for sod-wall building or revetting to create terraces or sand-bunkers.



MOLE-DRAIN, DE-COMPACTION & TRENCHING BLADES

A range of centre mounting blades are available for Drainage, De-compaction and Trench-Cutting to 15cm (6") depths.

See page 18 for more details about the standard blades and accessories available for the TMC46 or view our product

See our product accessories catalogue for more details about available blades and accessories or go to "ACCESSORIES" on our website **www.groundsmanindustries.com**

Customised blade can be manufactured to your specification, contact Groundsman Industries Ltd.

Phone: (+44) 028 2766 7049 **Fax:** (+44) 028 2766 6855 **Email:** info@groundsmanindustries.com

Blades and Accessories

SOD BLADES

* Symbol indicates most commonly used



Width	Part Number
30cm (12") Blade Sod Cutting	TC46BS30
35cm (14") Blade Sod Cutting	TC46BS35
40cm (16") Blade Sod Cutting **	TC46BS40
45cm (18") Blade Sod Cutting *	TC46BS45
50cm (20") Blade Sod Cutting	TC46BS50
60cm (24") Blade Sod Cutting	TC46BS60

BLADE WHEELS (SET)

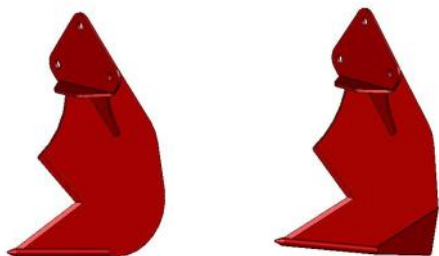
* Symbol indicates most commonly used



Width	Part Number
30cm (12") Blade Wheel (set)	TC46BW30
35cm (14") Blade Wheel (set)	TC46BW35
40cm (16") Blade Wheel (set) **	TC46BW40
45cm (18") Blade Wheel (set) *	TC46BW45
50cm (20") Blade Wheel (set)	TC46BW50
60cm (24") Blade Wheel (set)	TC46BW60

MOLE-DRAIN & DE-COMPACTION BLADES

Produces a single cut on the surface cultivating or mole-draining beneath to 15cm (6") depth



Depth	Part Number
15cm (6") Blade Mole-drain	TC46BM15
15cm (6") Blade De-compact	TC46BD15

TRENCH CUTTING BLADES

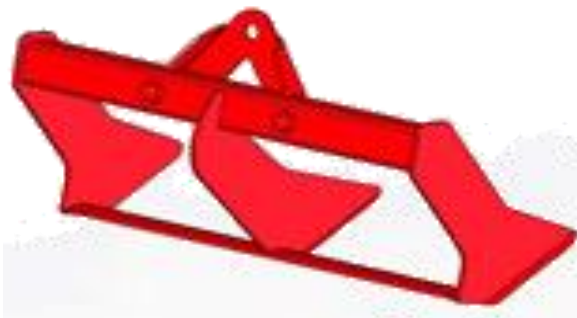
Produces a cleanly cut narrow strip of turf 10cm (4") deep that can be lifted out to create a trench and replaced when work is completed.



Width	Depth	Part Number
16cm (7")	10cm (4") Blade Trench	TC46BT1610

REVETTING SOD CUTTING BLADES

Two strips of sod cut with one blade



Width	Part Number
2 x 15cm (2x6") Blade Revetting	TC46BR30/2
2 x 17.5cm (2x7") Blade Revetting	TC46BR35/2
2 x 20cm (2x8") Blade Revetting	TC46BR40/2
2 x 22.5cm (2x9") Blade Revetting	TC46BR45/2
2 x 25cm (2x10") Blade Revetting	TC46BR50/2
2 x 30cm (2x12") Blade Revetting	TC46BR60/2

See our product accessories catalogue for more details about available blades and accessories or go to "ACCESSORIES" on our website www.groundsmanindustries.com

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[illegible]

A background image of a field of tall grass or reeds, slightly blurred, with horizontal black lines overlaid for writing. The lines are evenly spaced and cover the entire width of the page. The grass is green and yellow, suggesting a natural, outdoor setting. The overall tone is soft and naturalistic.

[illegible]

A background image of a field of tall grass or reeds, slightly blurred, with horizontal black lines overlaid for writing. The lines are evenly spaced and cover the entire width of the page. The grass is green and yellow, suggesting a natural, outdoor setting. The overall tone is soft and naturalistic.



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