

GROUNDSMAN[®]
INDUSTRIES LTD

Leading by design

Operators Manual

MODEL TC4GCO

CHOP-OFF ATTACHMENT



*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.

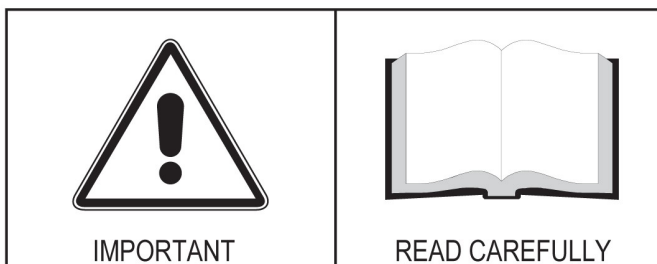
No liability will be accepted in respect of machines modified without specific **written** permission from Groundsman Industries.

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.

TMC48 Fitted With TC4GCO Technical Specification

BLADES

Blade Mounting :

Three Bolt Tri-Pad Mounting

Sod Chopping :

Width	30cm (12")
	35cm (14")
	40cm (16")
	45cm (18")
	50cm (20")

Chop Lengths :

1metre to 5metres

Chop Depth :

0cm—7cm

MACHINE

Overall Dimensions:

Width	100cm (40")
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Length	155cm (61")
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Height	95cm (37")
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**Overall Weight (*Blade Fitted*) :
(Including Tail Wheels)**

330kg (727.5lbs)

Blade Drive

Chain driven rolling key clutch crank assembly & connecting rod.
Sealed Bearings Throughout.

TCGCO ATTATCHMENT



TCGCO ATTATCHMENT AS FITTED TO TMC 48

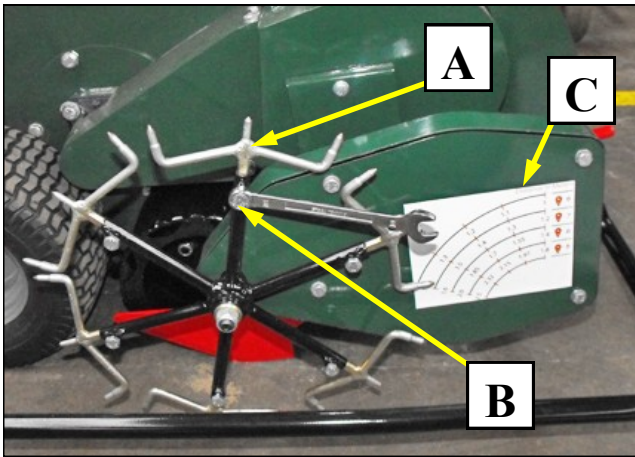


Operating Instructions

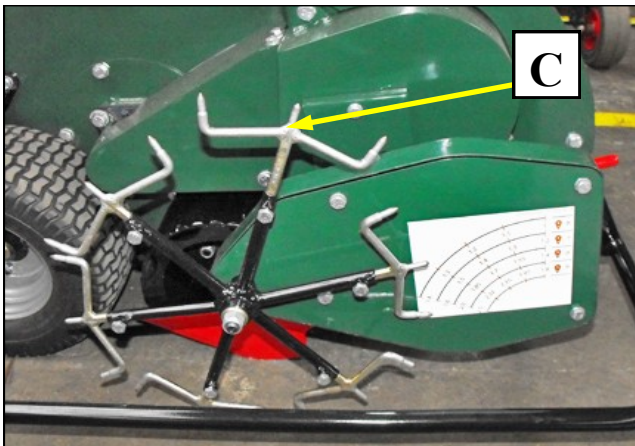
ADJUSTMENT OF SPOKES



This is a view of the distance measuring wheel on the TCGCO attachment, the three pronged spokes touch the grass surface turning the drive mechanism that operates the Chop Blade to chop at the required length . The spokes can be adjusted in and out to vary the length of turf/sod required.



The method of this adjustment is to slacken the 13mm Bolt at 'B' then proceed to move the spoke 'A' in or out to get the correct cut length. The chop lengths are shown on the sticker 'C'. See page 7 for more details on this.



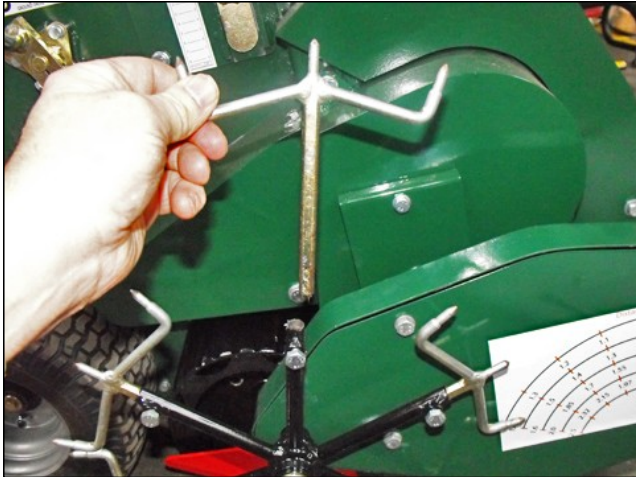
When adjusting spokes 'C' for different chop lengths remember all six spokes will need adjusting to same settings.



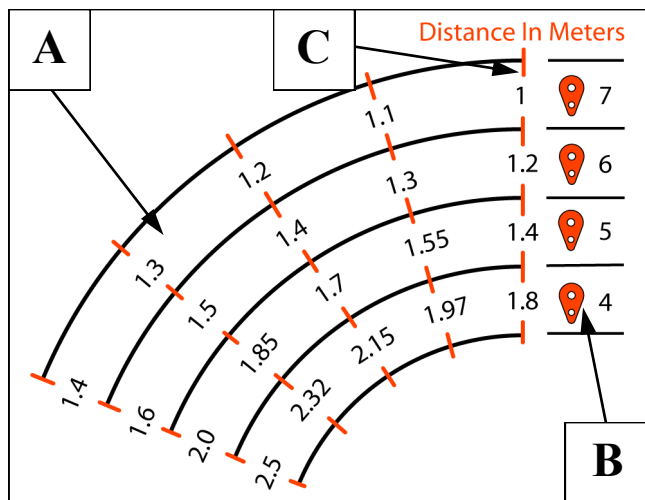
This is a close up picture of the distance wheel spoke and shows the markings 'A' for settings the length of chop

Operating Instructions

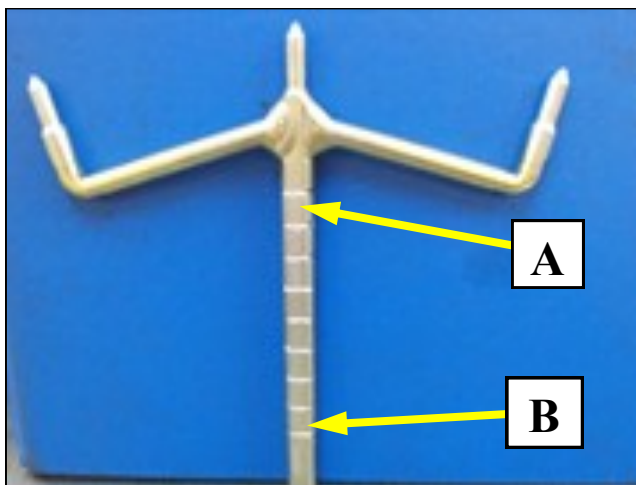
ADJUSTMENT OF SPOKES



This picture shows the spoke totally removed for replacement if spokes become damaged or broken



This is a close up picture of the sticker attached to the TCGCO and shows the distance measurement at 'A' and the No of pawls see 'B', the setting as supplied from factory is shown at 'C' this is 7 pawls and the shortest length which is 1 metre.



'A' is showing the first mark on the spoke which will be the setting on delivery from the factory.

'B' is showing the maximum adjustment available on each of the settings combined with the number of pawls.

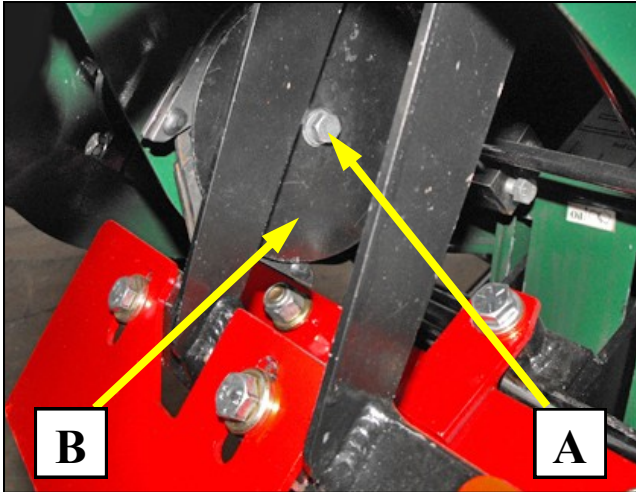
EXAMPLES:

1. No of pawls 7, then distance in metres is 1 metre at 'A' and maximum can be 1.4 metres at 'B'
2. No of pawls 4, then distance in metres is 1.8 metres at 'A' and maximum can be 2.5 at 'B'

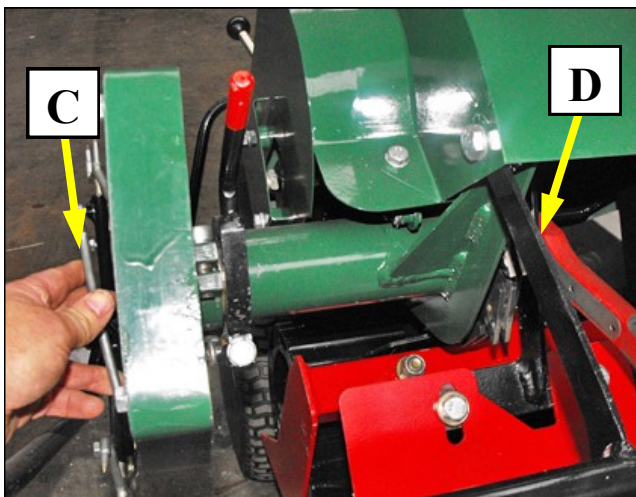
Operating Instructions

REMOVAL OF PAWLS

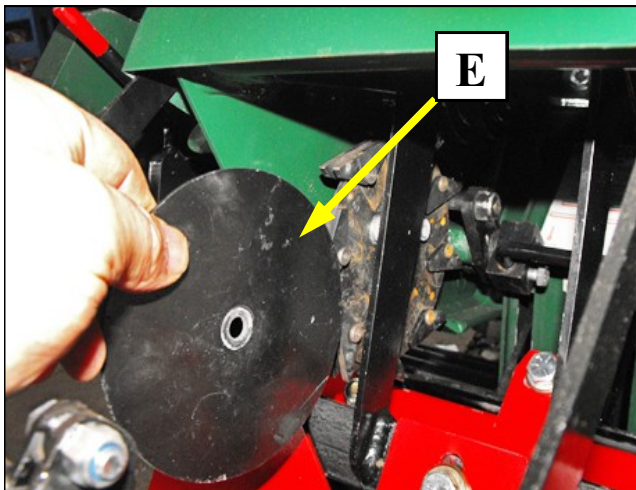
To carry out removal or replacement PAWLS from the pawl wheel the machine will need to be tilted as far forward as possible. This will lift the rear of the machine to expose the pawl wheel and chop off blade assembly.



To commence the removal of the pawls to change the length of chop, firstly move the 13mm bolt at 'A' then remove the cover plate 'B'



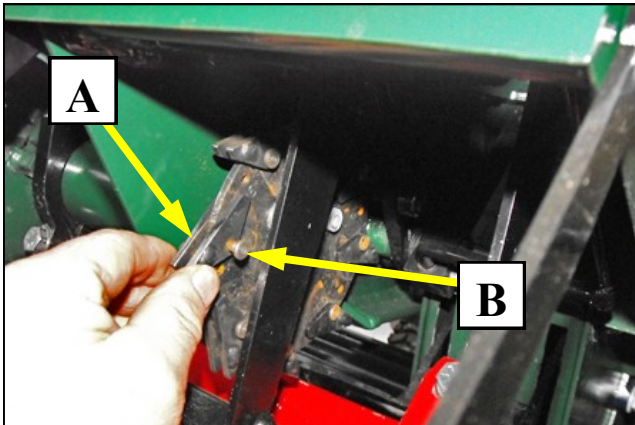
Distance wheel can be firmly held by hand 'C' to assist in the slackening of the 13mm bolt 'D'



Cover plate 'E' can then be removed from the pawl wheel.

Operating Instructions

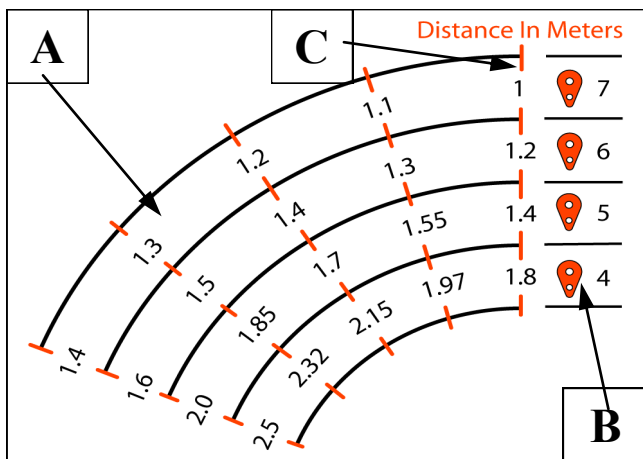
REMOVAL OF PAWLS



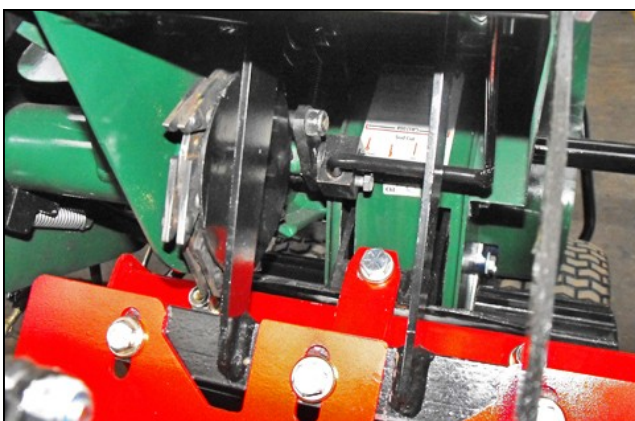
Pawl at 'A' can be held with fingers, then pin 'B' can be pulled out (may require pointed pliers to grip)



Pawl at 'A' is then removed from the wheel, this process can be carried out on further pawls depending on the distance setting required.



This is a close up picture of the sticker attached to the TCGCO and shows the distance measurement at 'A' and the No of pawls see 'B', the setting as supplied from factory is shown at 'C' this is 7 pawls and the shortest length which is 1 metre.



When pawls have been removed or added to the users requirements then replace cover plate and bolt to secure.

Operating Instructions

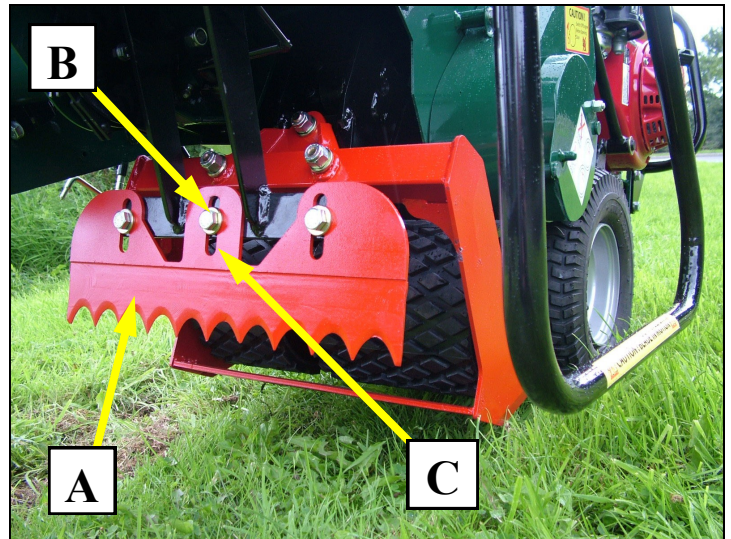
REPLACING AND ADJUSTING OF CHOP BLADE

To carry out the removal and replacement of CHOP BLADE the machine will need to be tilted as far forward as possible. This will lift the rear of the machine to expose the pawl wheel and chop off blade assembly (as is carried out for pawl removal).

Chop blades can be supplied in widths of 12 inches (30cm), 14 inches (35cm), 16 inches (40cm), 18 inches (45cm) and 20 inches (50cm)

To remove chop blade 'A', firstly remove three clamp bolts 'B' and lift off the blade

To adjust chop blade 'A' firstly slacken the three clamp bolts 'B' then slide the blade up or down the clamp bolt slots 'C' to achieve the required depth of cut.





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