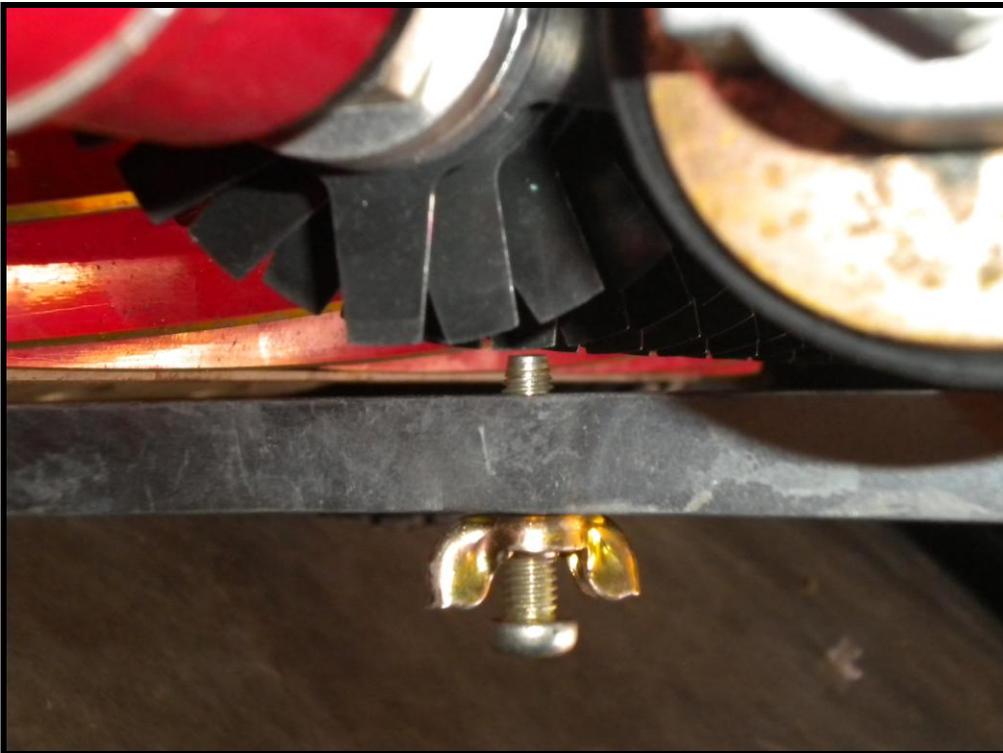


BARONESS

Quality on Demand

Technical Information Leaflet

TIL: 016

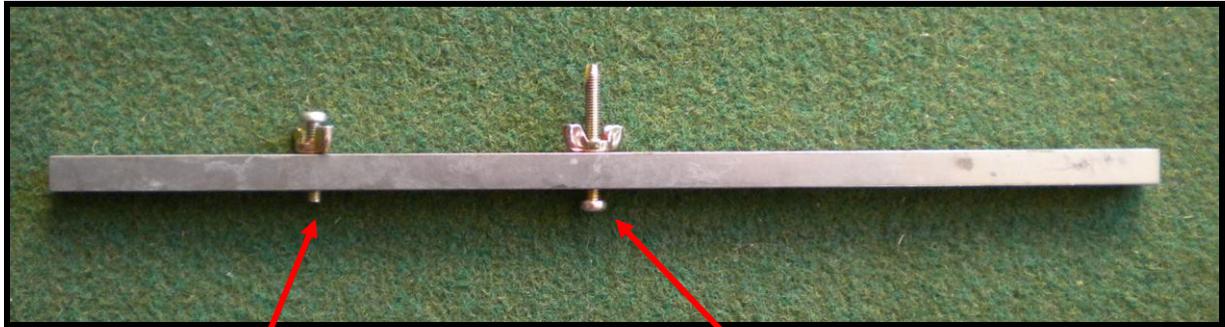


LM56/66

Setting the Groomer Height

BARONESS PEDESTRIAN MOWERS GROOMER ADJUSTMENT

The setting bar for the Baroness LM56/66 range of mowers has two adjusting screws which are used as follows:



Groomer height setting screw. If no groomer is fitted then this screw is not used.

Height of Cut Setting Screw

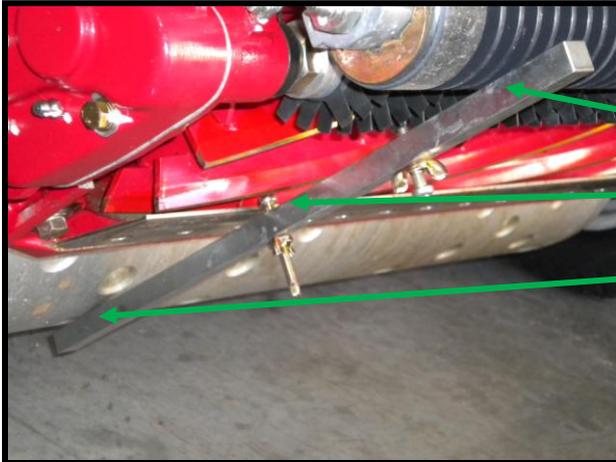
This setting bar needs to be set as follows:



This end of this screw (as shown) needs to be adjusted so that it measures the same distance as the desired groomer setting.

This screw needs to be adjusted so that the distance between the setting bar and the underside of the head of the screw (as shown) is adjusted so that it measures the same distance as the desired height of cut.

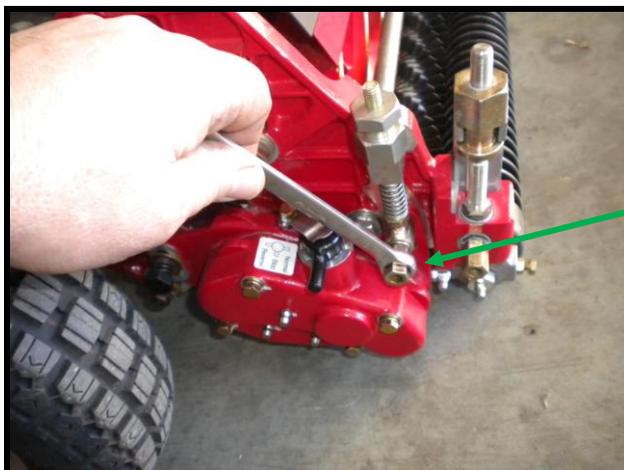
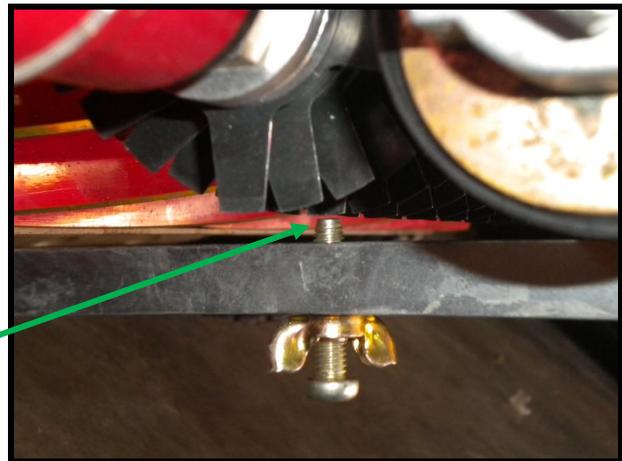
Before you can adjust the groomer you will need to make sure that the height of cut is set correctly.



With the height of cut already set, fit the setting bar to the machine as shown so that the underside of the head of the height of cut adjusting screw is sitting on the cutting surface of the bottom blade and that ends of the setting bar are resting up against the rear and front rollers.

With the groomer height already set on the setting bar as previously shown, check the distance between the tips of the groomer blades and the setting bar adjusting screw as shown.

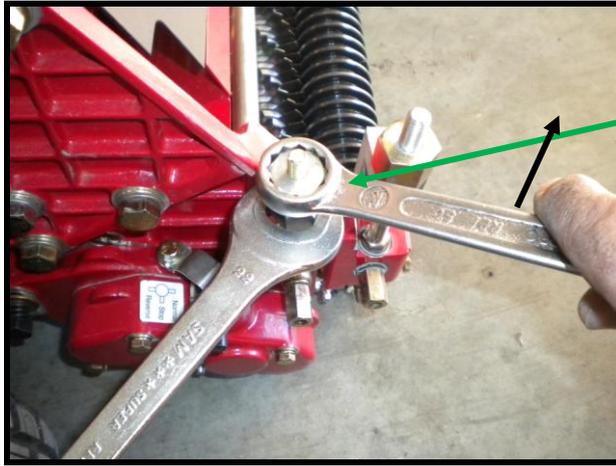
In this photograph the groomer is set too high as there is a gap between the tip of the blade and the setting screw.



To adjust the groomer height you will firstly need to slacken the adjustment locking nuts as shown.

Once they are loose, nip them up finger tight in order to remove excess play but to still allow the adjustment to take place.

Repeat this on both sides of the machine.



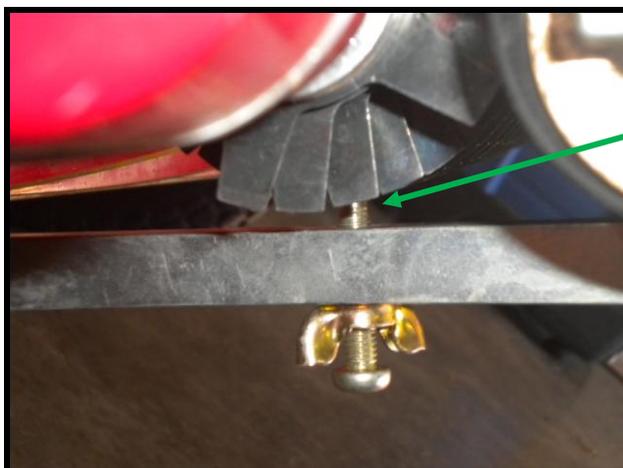
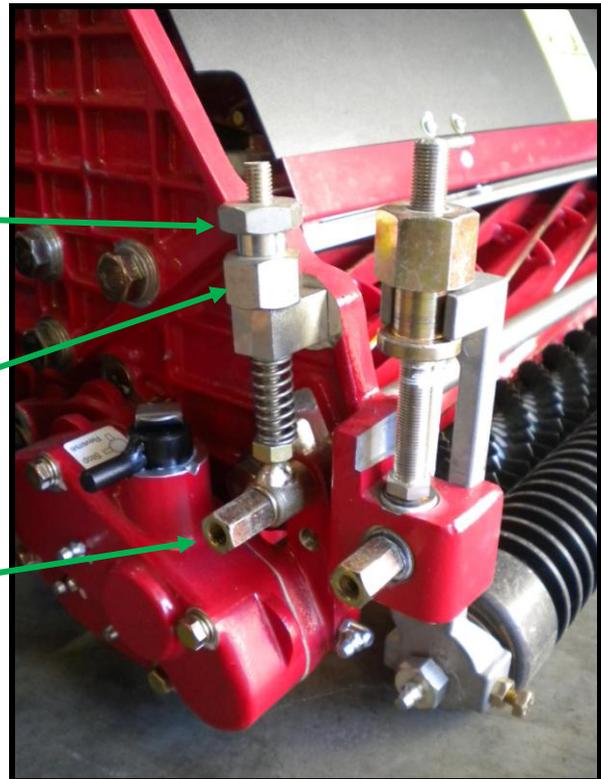
Next, loosen the two adjuster nuts which are locked together by holding the bottom one fixed whilst rotating the top one anti-clockwise. The top nut should then come loose allowing both nuts to be rotated.

Repeat this on both sides of the machine.

Loosen the top nut by twisting it anticlockwise, and moving it away from the bottom adjuster nut.

Then twist the bottom adjuster nut anti-clockwise. This should have the effect of lowering the groomer.

If it does not, loosen the locking nut a little more.



Rotate the lower adjusting nuts on both sides of the groomer until the tips of the groomer blades are just touching the end of the setting bar adjuster bolt.

Rotate this nut clockwise to increase the gap and anti-clockwise to reduce the gap.

When the tips of the groomer blades are just touching the adjuster bolt on both sides then the groomer is correctly set.



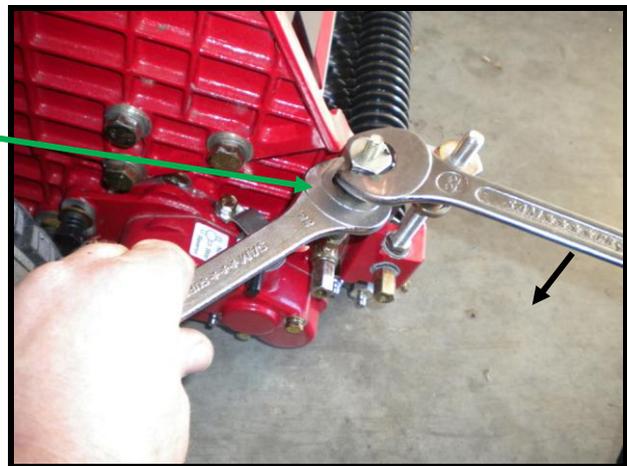
Tighten the groomer height locking nuts on both sides of the machine.

Re-check the groomer height setting and if necessary re-adjust.

Once the groomer height is locked off and checked to be correct you will then need to lock off the groomer adjuster nuts.

Do this by holding the bottom nut firm whilst tightening the top nut against it by turning it in a clockwise direction. The act of nipping the two nuts together will lock them so that they do not work loose during operation.

The groomer height is now set.



Typical Groomer height set is between **0.040" to 0.060" ABOVE** the **Roller Height** depending on the green and soil conditions.

LM56 Grooming unit has a total of 78 blades that are 0.020" in thickness. LM66 unit has a total of 92.

Baroness offers you a groomer that performs, and is extremely reliable and efficient. With regular Grooming, you will be able to lower the temperature of the putting green which will help to reduce stress.

NOTE: Adjust all attachments (de-thatcher and brush) in the same way.