

Tailwell[®]

Power Tail Trimmer



International Patent and Design
Applications Pending

Trim tails for clean and healthy cows, milk and staff

- > Tailwell removes all long hair in seconds, even when thick with dirt and manure
- > Attach to almost any battery drill (14 volt, 1,250rpm)
- > Very little maintenance required. Just regular lubrication and occasional sharpening of cutters
- > Supplied as a kit complete with maintenance tools, lubricant and sharpening paste
- > Tailwell lubricant and sharpening paste available separately



Invented and developed
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Tailwell2 Tail Trimmer Operating Instructions

Drill Choice

The recommended power drill is a minimum 14-volt battery unit with an ideal operating speed of 1200 to 1750 rpm. (Higher cutting speeds do not work better and may damage the Tailwell voiding any warranty.)

A lightweight drill is easiest to use, and is recommended. A quality Li-ion 1.5 Amh drill battery should allow trimming of up to 70 tails per charge depending on conditions.

Always operate the drill in forwards position, not in reverse.

Attaching to your Drill



To attach the Tailwell2 tail trimmer to your drill loosen the drill chuck so that the trimmer drive shaft fits fully into the chuck and then tighten.

The drill sleeve (15) is pushed along the torque arm onto the drill body to stabilise the Tailwell on the drill. On some drills it can help to cut a small piece out of the sleeve to ensure a snug fit around the trigger area. Drills come in many different shapes and sizes and while the drill sleeve is very flexible it may be necessary to pull the bungee cord (16) around the back drill to help secure it.

If required you can bend the torque arm (14) slightly to accommodate your drill.

Lubrication

Important: Before operating your Tailwell the cutters must be lubricated by applying a few drops of the Tailwell lubricant, supplied in the kit. This should be repeated every 30 to 50 tails, more frequently if the tails are very dirty, or have sand in them.



Safety

The inner cutter does not move, so cannot cut the animal. The outer cutter oscillates through 18 degrees. The tail is fed stump-end first into the cutters whilst the drill is running, and fed through allowing the cutters to trim the hair up the tail.

Do not force the Tailwell up the tail; allow the cutters to do their job operating at full speed. (Drill in forward speed, up to 1500rpm).

Lubricate the cutters before use, with the drill running. Just a few drops around the teeth and repeat frequently.

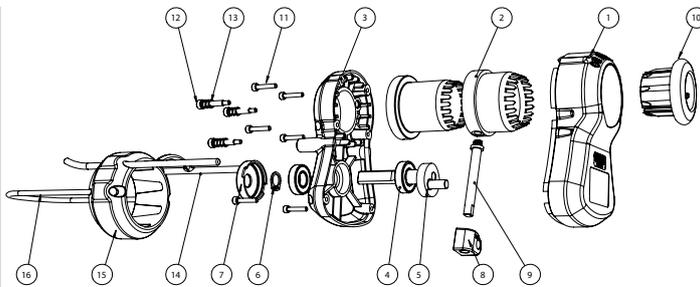
Cutting Advice

Let the cutters do the work, especially if tails are extremely dirty.

It's important not to force the Tailwell2 up the tail, always have the cutters operating as you introduce the stump of the tail into the cutters.

Allow the cutters to work through heavily matted hair. In very bad cases the dags may have to be pulled apart to enable the cutter access.

Useful Hint: In extremely dirty conditions it can be easier to get started by first cutting the tail switch at the stump of the tail.



Item #	Shoof Code	Description	Qty
1	213 653	Top Case	1
2	213 639	Cutter Set	1
3	213 654	Bottom Case	1
4	214 249	Bearing	2
5	213 661	Driveshaft	1
6	214 529	Circlip	1
7	213 658	Circlip Cap	1
8	213 659	Rotator Bearing	1

Item #	Shoof Code	Description	Qty
9	213 660	Rotator Arm	1
10	213 655	Cutter Protector Cap	1
11	214 530	Cap Screw	6
12	214 250	Cutter Adjuster Screw	3
13	214 251	Adjuster Spring	3
14	213 662	Torque Arm	1
15	213 656	Drill Sleeve	1
16	214 257	Bungee Cord	1



Cutter Adjustment

If the cutting performance drops off it may be that the cutters need re-adjusting. This can be done by aligning the teeth on top of each other, then tightening each of the knurled screws (12) as far as they can go. (You will feel them engage against the cutter). Then back-off each screw a fraction of a turn (turn the knurled head no more than 1mm). Run the drill for about 20 seconds then adjust again.

If this does not restore the cutting performance you should strip the unit and remove any hair caught between the cutters, lubricate and reassemble, then re-adjust using the same procedure. (See enclosed DVD for more explanation of this procedure.)



You should be able to turn the driveshaft by hand. You can test the setting with a small amount of tail hair with the drill running.

To Strip and Clean Tailwell2

Step 1. Remove from your drill and clean the outside with a damp cloth to remove any excess dirt.



Step 2. Using the hexagon screw driver provided in the kit, undo the six cap screws (11) that secure the top and bottom case together.

Step 3. Separate the top and bottom case by pushing the cutters through the top case.



Step 4. The cutters can be removed and separated. You should not have to force them apart. Check for wear and damage.

Hair and dirt caught between the cutters will affect the cutting performance as it keeps the cutters apart.

Check the rotator bearing (8) for wear. It should fit neatly over the drive shaft pin and slide freely along the rotator arm (9) without any excess play.

The cutting face can be restored using the honing paste supplied in the kit to maintain good performance. Smear a small amount of paste around the cutting teeth, fit the cutters together and work them back and forth for a while. You will feel and hear the paste working as it hones the cutting faces.



Wash thoroughly to remove all traces of paste. Repeat if necessary to get a smooth cutting action. Wash thoroughly and lubricate before reassembling.

Refitting the cutters to the bottom cover

The three holes in the base of the inner cutter are slightly offset so that the cutter only fits in one position. This position is indicated by a line inscribed in the cutter boss being visible centrally in the case, as pictured. The cutter should be rotated until it seats neatly on the tips of the three adjusting screws. The three screw tips must engage properly in the three holes in the cutter boss, for the cutters to operate correctly.



Re-assembly is the reverse of dis-assembly. The rotator bearing (8) must be fitted to the left of the driveshaft (5) and with the word TOP as indicated.



Apply a few drops of Tailwell lubricant to the rotator arm (9) and rotator bearing (8) as well as to the cutters. Refit the top cover and secure it with the six cap screws (11) being careful not to over tighten them.



Storage

Strip and thoroughly clean the Tailwell cutters prior to storage of the machine in a clean and dry place. Residues of urine and manure will seize the cutters during storage if they are not properly cleaned and lubricated beforehand.

The cutters are manufactured from high quality heat-treated stainless steel, but will still rust if not stored clean, dry and well lubricated.

Tailwell2 Warranty - IMPORTANT

Your Tailwell2 has been manufactured from high quality materials. The cutters have been machined from high quality stainless steel and hardened to give good service life.

The machine has been designed to be easy to use and maintain, and will give excellent service if looked after correctly.

The Tailwell2 Warranty is against any faulty manufacturing, materials or workmanship.

It does not cover failures caused by inadequate lubrication, servicing or maintenance, and does not cover failure caused by use on a non-recommended power drill or operated at excessive drill speeds.

The warranty is void if the machine is used for contracting work, excepting in the case of failure caused by faulty manufacture or parts.

Sales agents for the tail trimmer are not authorised to replace a failed machine, even if the device is near new, or is required urgently for use. The manufacturer will repair or replace parts at its own discretion. Any parts or repairs will be considered part of the original product in regard to their warranty.

The warranty is for a period of six months from date of purchase. Proof of purchase will be required for any warranty claim.