

4" SEMI-AUTO PACKAGED CUTTING HEAD

Item Number: 746851 / 746852

Owner's Manual

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The 746851 comes with an 8mm x 1.25 left hand female adapter for use on Tanaka model TBC-225. The 746852 comes with an 8mm x 1.25 right hand female adapter for use on Tanaka models TBC-225C and TBC-230B. These heads may also be applicable to other models and brands of trimmers. Consult your owners manual, servicing dealer or the manufacturer for more information.

SAFETY INSTRUCTIONS

⚠ WARNING! Read this owner's manual as well as the owner's manual supplied with your grass trimmer. Be sure to take note of all warnings and follow all safety instructions. Failure to do so can result in serious injury or death to the operator and/or bystanders.

1. Always wear eye protection that complies with ANSI Z87-1 standard.
2. Do not operate power equipment when you are tired, ill, or under the influence of alcohol, drugs or medication.
3. Always wear heavy long pants, boots and gloves. Do not wear loose clothing, short pants, sandals or go bare foot. Secure hair so it is above shoulder level.
4. Inspect unit before each use replace parts that may be cracked, chipped or damaged in any way. Make sure the cutting head is properly installed and securely fastened. Be sure the cutting attachment debris shield is properly attached in the position recommended by the manufacturer.
5. Carefully inspect and clear the work area prior to each use. Remove all objects such as rocks, broken glass, nails, wire or string which can be thrown or become entangled in the cutting head. Clear the area of children, bystanders and pets within a 50 foot (15M) radius. If you are approached, stop the engine and cutting head immediately.

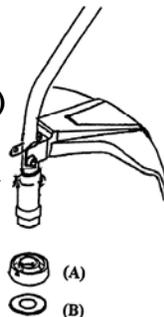
INSTALLATION

⚠ CAUTION! If you are at all uncomfortable with your ability to properly install this head on your Tanaka trimmer or any other brand of trimmer – seek the help of a trained, servicing dealer or contact the manufacturer. Always use good judgment and err on the side of caution at all times.

The following instructions are for mounting the head to Tanaka brand trimmers. Other brands of trimmers may have similar features, however be sure to check the unit's owners manual for specific information.

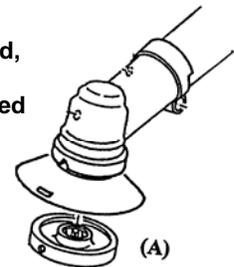
CURVED SHAFT MODELS

Prior to attaching the cutting head, make sure that the cutter holder cap (A) and washer (B), are installed first as depicted below, (TBC-230B units with serial numbers prior to A314551 do not use a washer):



STRAIGHT SHAFT MODELS

Prior to attaching the cutting head, make sure that the cutter holder cap (A) is installed first as depicted below:

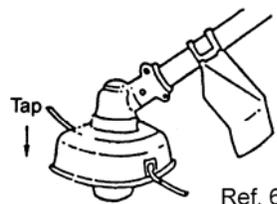


ALL MODELS

With the hardware mentioned above in step #1 properly installed, thread the head onto the gear case. You'll notice that the gear case has a small hole that will allow you to insert a small screwdriver or allen wrench which will lock the gear case. With the gear case locked, tighten the head onto the gear case.

EXTENDING LINE

When trimmer line becomes shorter, reduce engine speed and tap the cutting head on the ground as shown in Ref. 6. To extend trimmer line by hand, push in on the bottom of the head (after engine has been stopped) and rotate as shown in Ref. 7.

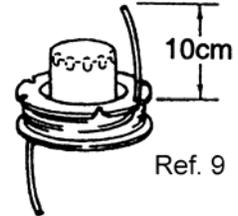
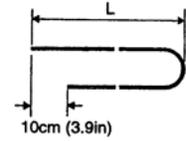


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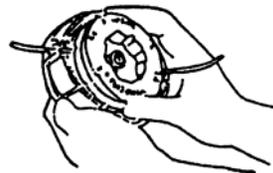
DISASSEMBLY

Press in on the two locking slots of the inner housing as shown in Ref. 8. Pull inner housing (spool that holds the trimmer line) from the outer housing and remove spring and spool from the outer housing. Fold the line in half (the head will hold up to 25' of .095" dia. line.) so that one end is approx. 3 inches longer than the other. Insert the folded end in to the slot of the center partition of the spool and wind the trimmer line in the direction marked "Wind Cord". Leave approx 3 inches of line on each end and lock in to the appropriate slots on the spool as shown in Ref. 9.



CUTTING HEAD ASSEMBLY

Place the spool into the inner housing. Pass both line ends through the eyelets and remove the lines from the locking slots of spool as shown in Ref. 10. Place the return spring into the spool, then place the outer housing on the inner housing and assemble firmly by pushing the two locking slots with thumbs as shown in Ref. 11. Adjust trimmer line to desired length (both equal length) by pushing in on the tap button and turning the spool.



Ref. 10

Ref. 11

TROUBLESHOOTING

Problem: Nylon line is not feeding.

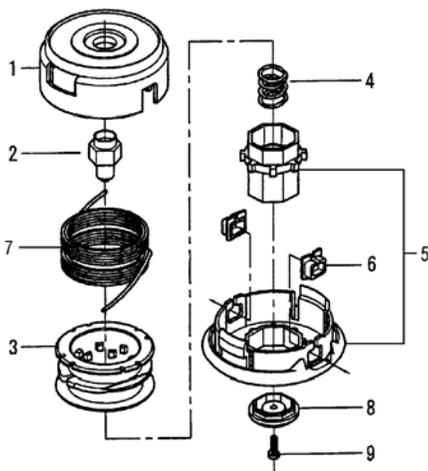
Possible Causes:

- 1.) Nylon line is almost used up.
- 2.) The lines have been deformed .
- 3.) The lines have become intertwined.

Solutions:

- 1.) Disassemble the cutting head.
- 2.) Remove nylon line from the spool and rewind.
- 3.) Replace the nylon line if the line is almost gone or deformed.
- 4.) Reassemble the cutting head.

Parts List



ITEM	PART NUMBER	DESCRIPTION	QTY
11-0	746851	HEAD,SEMI-AUTO,4" STRAIGHT	1
11-0	746852	HEAD,SEMI-AUTO,4" CURVED	1
11-1	7863819520	CUTTING BODY STRAIGHT	1
11-1	7863847420	CUTTING BODY CURVED	1
11-2	3563819520	SPECIAL NUT,LH,STRAIGHT	1
11-2	3563847420	SPECIAL NUT,RH,CURVED	1
11-3	7873819520	REEL	1
11-4	7933819520	SPRING	1
11-5	4023819500	CAP-SLIDER SET	1
11-6	7883819520	EYELET	2
11-7	746560	TRIMMER LINE,.095	1
11-8	4033819520	DISK	1
11-9	99414050141	SCREW	1