

BUMP&FEED New W4

“BUMP&FEED” NYLON LINE CUTTING HEAD FOR TRIMMER / BRUSHCUTTER

It is pleasure to be choose the BUMP&FEED New W4 trimmer head. For correct and efficient operation, read and follow all instructions in this manual carefully before use.

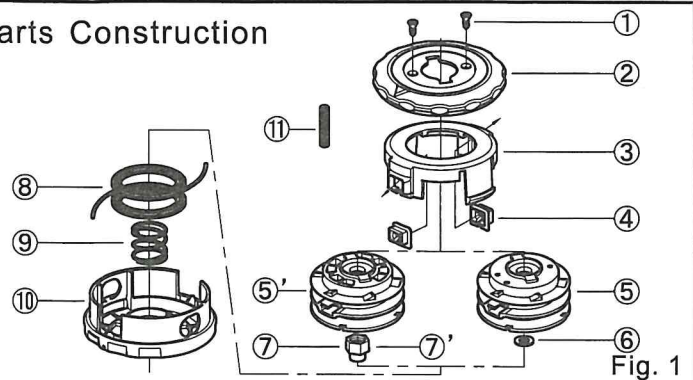
WARNING!

There is danger to you and surroundings as cars and/or windows because chips of head objects as concrete, stone, glass and woods are dispersed from cutting plane. Also chips and fallen parts of the head are dispersed, if the head is hit to hard objects.

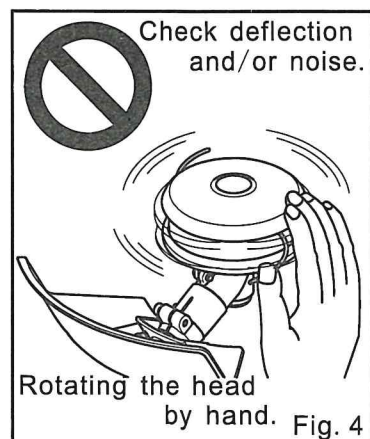
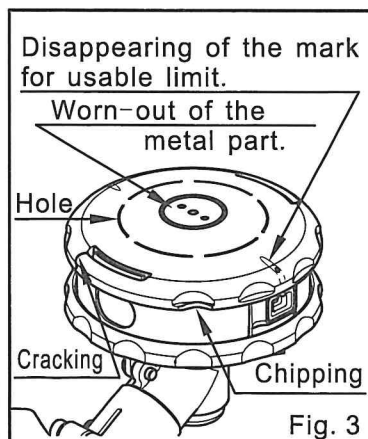
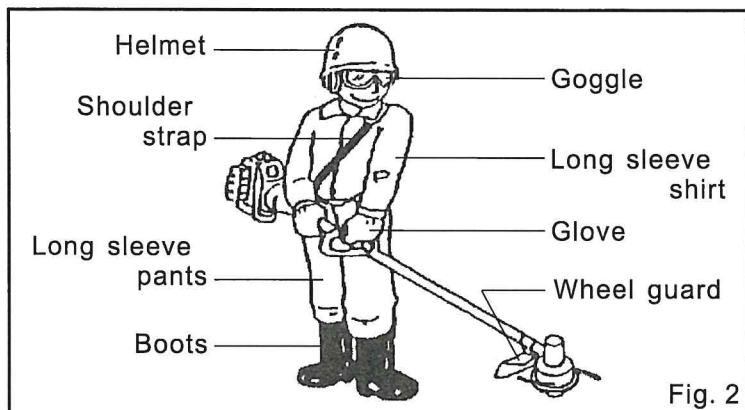
PRECAUTION

- * Read and follow all instructions in this manual exactly, when operation.
- * The BUMP&FEED New W4 is a nylon line cutting head for glass cutting trimmer / brushcutter. Do not use it for any another use.
- * When the head is lent to someone, this manual must be attached to the head or explain all instructions completely to the operator.
- * Store this manual carefully at the place you can read it immediately.
- * Read and follow all instructions properly in the instruction manual of your trimmer / brushcutter.
- * Wear proper clothing and protective equipment as a goggle, a helmet, gloves and boots, when operation. Operate with using a wheel guard and shoulder strap on your equipment. (Fig.2)
- * Make sure that the latches of the case are spread in the space on the windows of the cover outer edge.
- * Check the worn-out of the cover and case-cover. Change the cover, when before disappearing the usable limit mark on near plase of the eyelets. Also change the cover when the hole is appeared on the place of cover. Check the chipping and / or cracking. Change the failed parts, when it is found. (Fig.3)
- * Make sure that the head is installed exactly to your trimmer / brushcutter, rotating it by hand before starting the engine. Unbalance installation as deflection and / or noise will cause of terrible vibration and loose installation. (Fig.4)
- * Keep all persons and animals out of trimming area, 15m and pay attention to protect surroundings as cars and windows from flying objects, when operation.
- * Do not rotate the head greater than 10,000r.p.m.
- * Do not hit the head to hard objects as a concrete, woods and glass bottles. (Fig.5)
- * Slow down the rotation less than 4,500r.p.m., when you feed the nylon lines by bumping.
- * Stop the engine when you feel anything wrong matter while operation. Repair the failed part immediately, it is danger to use as it is.
- * Stop the engine and confirm the head is stopped, when you do any service on the head ; cleaning the entwined grasses and vines, winding nylon line. (Fig.6)

Parts Construction



No.	Part #	DESCRIPTION	Q' ty
①	1841	TAPPING SCREW	2
②	1790	CASE-COVER	Red 1
③	1634	CASE	Black 1
④	0005	EYELET	2
⑤	1791	SPOOL (Universal type)	Black 1
⑤'	1792	SPOOL (Nut type)	
⑥	0112	WASHER	1
⑦	1499	NUT M8xP1. 25 LH (Nut type only)	1
⑦'	1500	NUT M10xP1. 25 LH (Nut type only)	1
⑧		NYLON LINE	1
⑨	1423	SPRING	1
⑩	2218	COVER	Black 1
⑪	1430	BOLT M8xP1. 25 LH (Nut type only)	1



INSTALLATION

CAUTION

*Check the installation rotating it by hand, before starting engine.

Only a bolt/nut type :

1. Put the New W4 onto the gear case of your trimmers and/or brushcutters. (Fig. 7)
2. Tighten the bolt/nut firmly that installed onto your trimmer/brushcutter, lock the drive shaft of your equipment. (Fig. 7)

Only a universal type :

1. Put off the cover from case. Pressing two latches of the case, and pull up the cover. (Fig. 8)
 2. Remove the cover from the case, and the line holder is held in the case. (Fig. 9)
 3. Install the line holder, case-cover and case onto gear case of your trimmer/brushcutter. (Fig. 10)
 4. Using the washer and the original bolt/nut on your equipment firmly as installing a metal blade, while lock the drive shaft of your equipment. (Fig. 11)
 5. Set the cover into the case, meet the eyelets to the eyelet slots of the case. (Fig. 12)
 6. The cover assemble to the case, until latches of the case fully spread in windows of the cover. (Fig. 13)
- Note: Make sure that the latches fully spread in each windows of the cover. (Fig. 14)

OPERATION

CAUTION

- *Do not rotate the head greater than 10,000r.p.m.
- *Bump the head slightly less than 4,500r.p.m., when you feed nylon lines.
- *Do not hit the head to hard objects STONE, CONCRETE, WOODS and GLASS BOTTLES.
- *Keep all persons out of trimming area, 15m and pay attention to protect surrounding as cars and windows.

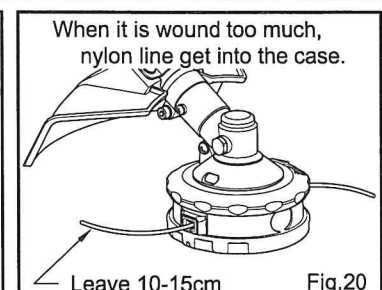
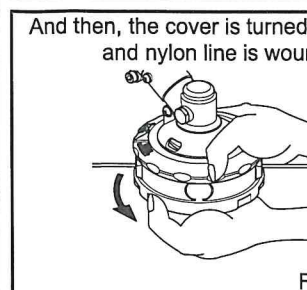
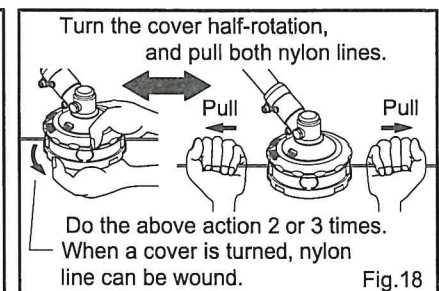
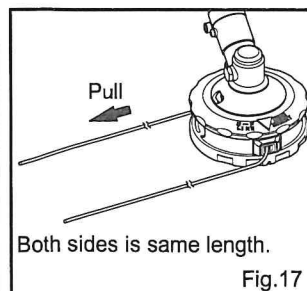
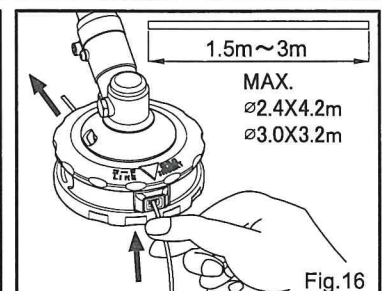
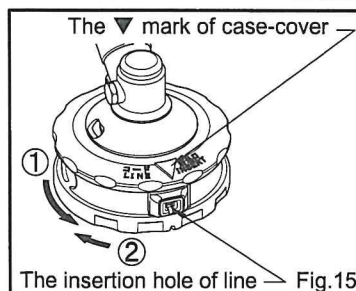
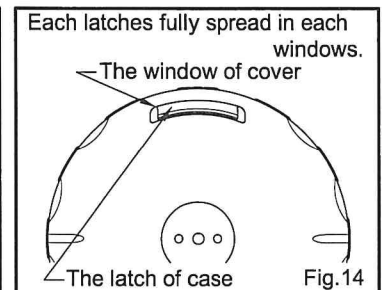
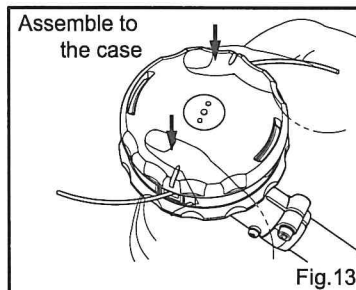
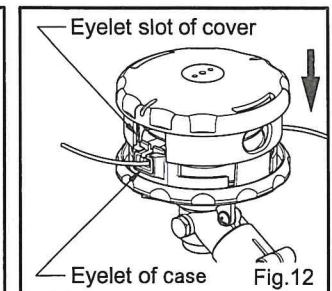
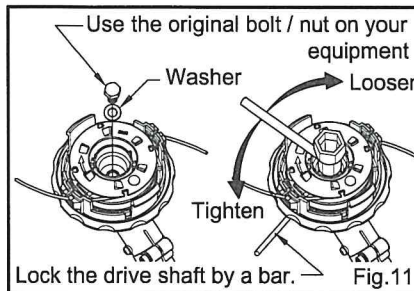
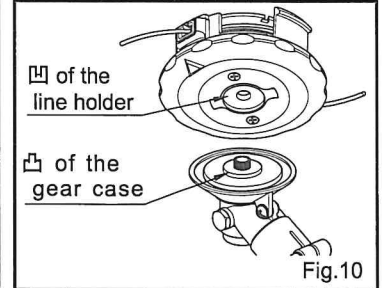
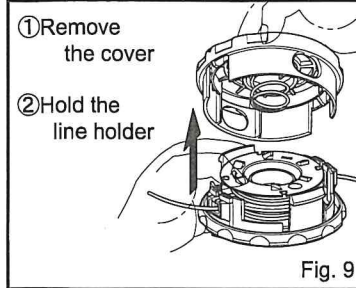
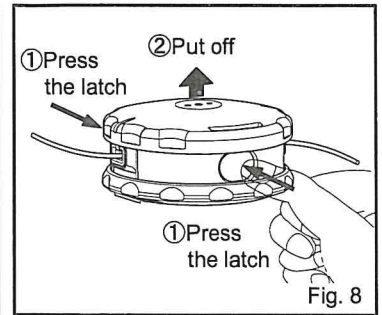
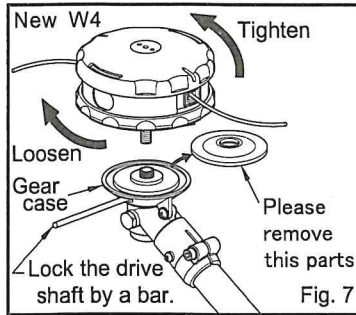
BUMP&FEED W4 is a trimmer head that feeds nylon line by bumping it to the ground. Operate the head at 6,000r.p.m.. When rotation less than that, cutting efficiency will be down because of loose tension on the nylon lines. When the nylon lines are shorten, bump the head slightly to the ground to feed the lines.

HOW TO WIND CUTTING LINES

CAUTION

*Stop the engine and make sure that the head is stopped before you do any service on the head.

1. Line up the ▼ mark on the case cover with eyelet. This operation is accomplished easily when the case cover is rotated in the ① direction and returned in the ② direction. (Fig. 15)
2. Cut the nylon line to 1.5 to 3 meters.
Insert the line into the eyelet under ▼ mark. (Fig. 16)
Adjust the nylon line of both sides to the same length. (Fig. 17)
4. Turn the cover a half-rotation and pull both lines to lock them in place. Repeat 2-3 times. (Fig. 18)
5. Wind the top cover until the lines are fully wound into the head with only 10-15cm of line protruding from each eyelet.
*Do not over-wind or the line will pull inside the eyelet. (Fig. 19 & Fig. 20)



SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE

DIATOP CORPORATION

MUKAIKODARA SHIROTORI CHO GUJO CITY GIFU PREFECTURE JAPAN
TEL : +81 575 82 3061 FAX : +81 575 82 4431