

Operator's manual

TA1100



Please read the operator's manual carefully and make sure you understand the instructions before using the machine.

English

KEY TO SYMBOLS

Symbols

WARNING! Clearing saws, brushcutters and trimmers can be dangerous! Careless or incorrect use can result in serious or fatal injury to the operator or others. It is extremely important that you read and understand the contents of the operator's manual.



Please read the operator's manual carefully and make sure you understand the instructions before using the machine.



Always wear:

- Wear a protective helmet where there is a risk of falling objects
- Approved hearing protection
- Approved eye protection



Max. speed of output shaft, rpm



This product is in accordance with applicable EC directives.



Watch out for thrown objects and ricochets.



The operator of the machine must ensure, while working, that no persons or animals come closer than 15 meters.



Arrows which show limits for handle positioning.



Always wear approved protective gloves.



Wear sturdy, non-slip boots.



Only use non-metallic, flexible cutting attachments, i.e. trimmer heads with trimmer cord.

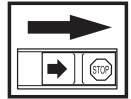


Noise emission to the environment according to the European Community's Directive. The machine's emission is specified in the Technical data chapter and on the label.

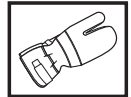


Other symbols/decals on the machine refer to special certification requirements for certain markets.

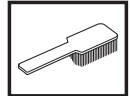
The engine is switched off by moving the stop switch to the stop position. **CAUTION!** The stop switch automatically returns to the start position. In order to prevent unintentional starting, the spark plug cap must be removed from the spark plug when assembling, checking and/or performing maintenance.



Always wear approved protective gloves.



Regular cleaning is required.



Visual check.



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Note the following before starting:

Husqvarna AB has a policy of continuous product development and therefore reserves the right to modify the design and appearance of products without prior notice.

Long-term exposure to noise can result in permanent hearing impairment. So always use approved hearing protection.

Please read the operator's manual carefully and make sure you understand the instructions before using the machine.

These instructions supplement the instructions that were included with the machine. For other procedures, please refer to the operating instructions for the machine.



WARNING! Under no circumstances may the design of the machine be modified without the permission of the manufacturer. Always use original accessories. Non-authorized modifications and/or accessories can result in serious personal injury or the death of the operator or others.



WARNING! This accessory may only be used together with the intended brush cutter/trimmer, see under heading "Approved accessories" in chapter Technical data in the machine's Operator's Manual.

The machine is only designed for grass trimming and grass clearing.

INTRODUCTION

Dear Customer,

Congratulations on your choice to buy a Husqvarna product! Husqvarna is based on a tradition that dates back to 1689, when the Swedish King Karl XI ordered the construction of a factory on the banks of the Husqvarna River, for production of muskets. The location was logical, since water power was harnessed from the Husqvarna River to create the water-powered plant. During the more than 300 years in existence, the Husqvarna factory has produced a lot of different products, from wood stoves to modern kitchen appliances, sewing machines, bicycles, motorcycles etc. In 1956, the first motor driven lawn mowers appeared, followed by chain saws in 1959, and it is within this area Husqvarna is working today.

Today Husqvarna is one of the leading manufacturers in the world of forest and garden products, with quality as our highest priority. The business concept is to develop, manufacture and market motor-driven products for forestry and gardening, as well as for the building and construction industry. Husqvarna's aim is also to be at the front edge for ergonomics, usability, security and environmental protection. That is the reason why we have developed many different features to add to our products within these areas.

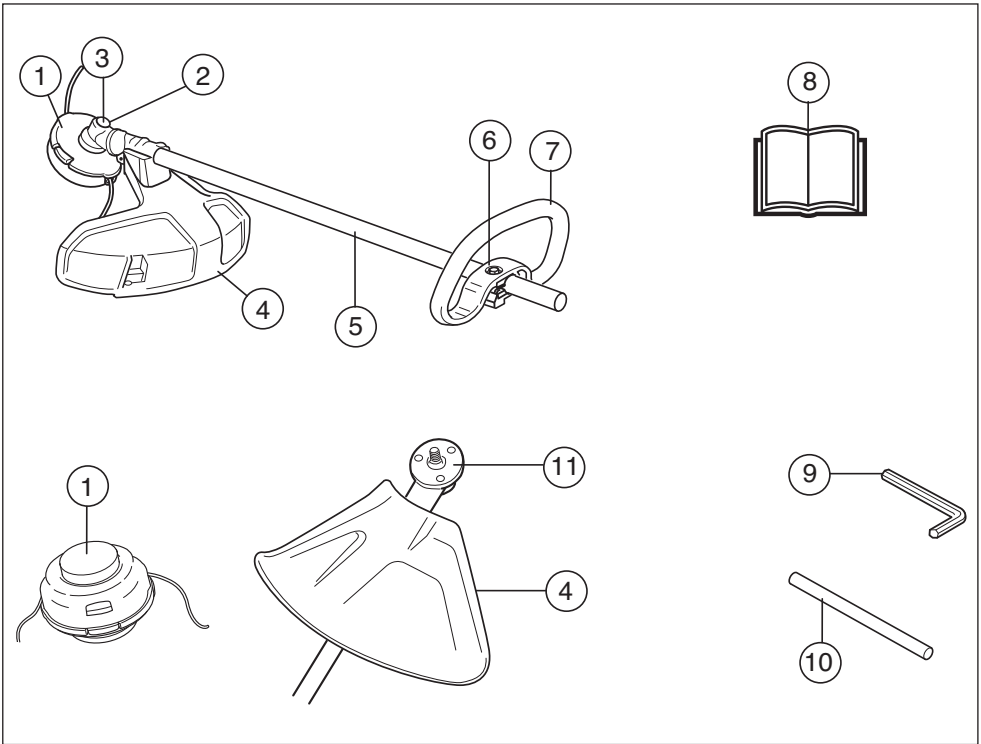
We are convinced that you will appreciate with great satisfaction the quality and performance of our product for a very long time to come. The purchase of one of our products gives you access to professional help with repairs and service whenever this may be necessary. If the retailer who sells your machine is not one of our authorized dealers, ask for the address of your nearest service workshop.

It is our wish that you will be satisfied with your product and that it will be your companion for a long time. Think of this operator's manual as a valuable document. By following its content (usage, service, maintenance, etc), the life span and the second-hand value of the machine can be extended. If you sell this machine, make sure that the operator's manual is passed on to the buyer.

Thank you for using a Husqvarna product.

Husqvarna AB has a policy of continuous product development and therefore reserves the right to modify the design and appearance of products without prior notice.

WHAT IS WHAT?



What is what?

- | | |
|---------------------------------|---------------------|
| 1 Trimmer head | 7 Loop handle |
| 2 Grease filler cap, bevel gear | 8 Operator's manual |
| 3 Bevel gear | 9 Allen key |
| 4 Cutting attachment guard | 10 Locking pin |
| 5 Shaft | 11 Drive disc |
| 6 Handle adjustment | |

GENERAL SAFETY PRECAUTIONS

Guards and cutting attachment

This section describes how to choose and maintain your cutting equipment in order to:

- Obtain maximum cutting performance.
- Extend the life of cutting equipment.

IMPORTANT!

Only use cutting attachments with the guards we recommend! See the chapter on Technical data.

Refer to the instructions for the cutting attachment to check the correct way to load the cord and the correct cord diameter.



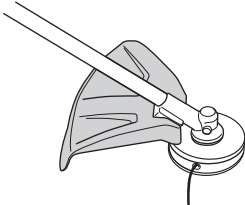
WARNING! Always stop the engine before doing any work on the cutting attachment. This continues to rotate even after the throttle has been released. Ensure that the cutting attachment has stopped completely and disconnect the spark plug cap before you start to work on it.



WARNING! A faulty cutting attachment may increase the risk of accidents.

Cutting attachment guard

This guard is intended to prevent loose objects from being thrown towards the operator. The guard also protects the operator from accidental contact with the cutting attachment.



Check that the guard is undamaged and not cracked. Replace the guard if it has been exposed to impact or is cracked.

Check the cutting attachment for damage or cracks. A damaged cutting attachment should always be replaced.

Always use the recommended guard for the cutting attachment you are using. See chapter on Technical data.



WARNING! Never use a cutting attachment without an approved guard. See the chapter on Technical data. If an incorrect or faulty guard is fitted this can cause serious personal injury.

Trimmer head

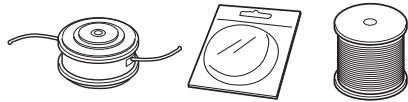
IMPORTANT!

Always ensure the trimmer cord is wound tightly and evenly around the drum, otherwise the machine will generate harmful vibration.

A trimmer head is intended for trimming grass.



- Only use the recommended trimmer heads and trimmer cords. These have been tested by the manufacturer to suit a particular engine size. This is especially important when a fully automatic trimmer head is used. Only use the recommended cutting attachment. See the chapter on Technical data.



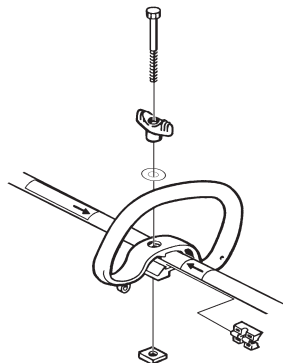
- Smaller machines generally require small trimmer heads and vice versa. This is because when clearing using a cord the engine must throw out the cord radially from the trimmer head and overcome the resistance of the grass being cleared.
- The length of the cord is also important. A longer cord requires greater engine power than a shorter cord of the same diameter.
- Make sure that the cutter on the trimmer guard is intact. This is used to cut the cord to the correct length.
- To increase the life of the cord it can be soaked in water for a couple of days before use. This will make the cord tougher so that it lasts longer.

ASSEMBLY

Fitting the loop handle



- Clip the loop handle onto the shaft. Note that the loop handle must be fitted between the arrows on the shaft.



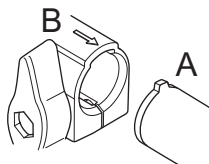
- Slide the spacer into the slot in the loop handle.
- Fit the nut, knob and screw. Do not overtighten.
- Now adjust the trimmer to give a comfortable working position. Tighten the bolt/knob.

Assembling and dismantling the two-piece shaft

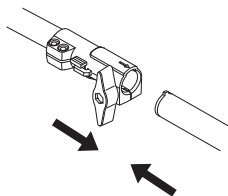


Assembly:

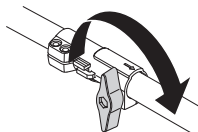
- Loosen the coupling by turning the knob counter-clockwise.
- Align the tab of the attachment (A) with the arrow on the coupling (B).



- Push the attachment into the coupling until the attachment snaps into place.

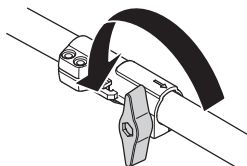


- Before using the unit, tighten the knob securely.

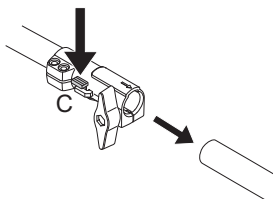


Dismantling:

- Loosen the coupling by turning the knob (at least 3 times).



- Push and hold the button (C). While securely holding the engine end, pull the attachment straight out of the coupling.



Assembling the cutting equipment

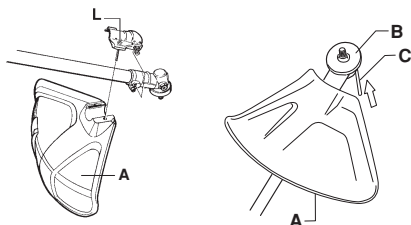


WARNING! Never use a cutting attachment without an approved guard. See the chapter on Technical data. If an incorrect or faulty guard is fitted this can cause serious personal injury.

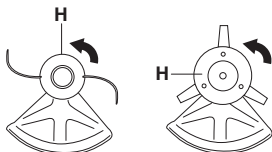
Fitting the trimmer guard and trimmer head



- Fit the correct trimmer guard (A) for use with the trimmer head. Hook the trimmer guard/combination guard onto the fitting on the shaft and secure with the bolt (L).



- Fit the drive disc (B) on the output shaft.
- Turn the output shaft until one of the holes in the drive disc aligns with the corresponding hole in the gear housing.
- Insert the locking pin (C) in the hole to lock the shaft.
- Screw on the trimmer head/plastic blades (H) counter clockwise.



- To dismantle, follow the instructions in the reverse order.

TECHNICAL DATA

Technical data

Technical data	Trimmer attachment with shaft TA1100
Weight	
Weight with cutting attachment and guard, kg	1,4
Noise emissions	
(see note 1)	
Sound power level, measured dB(A)	111
Sound power level, guaranteed L _{WA} dB(A)	113
Sound levels	
(see note 2)	
Equivalent sound pressure level at the operator's ear, measured according to EN ISO 11806 and ISO 22868, dB(A):	
Equipped with approved accessory (original)	98
Vibration levels	
(see note 3)	
Vibration levels at handles, measured according to EN ISO 22867, m/s ²	
Equipped with approved accessory (original), left/right	3,1/2,5

Note 1 Noise emissions in the environment measured as sound power (L_{WA}) in conformity with EC directive 2000/14/EC. Reported sound power level for the machine has been measured with the original cutting attachment that gives the highest level. The difference between guaranteed and measured sound power is that the guaranteed sound power also includes dispersion in the measurement result and the variations between different machines of the same model according to Directive 2000/14/EC.

Note 2: Reported data for equivalent sound pressure level for the machine has a typical statistical dispersion (standard deviation) of 1 dB(A).

Note 3: Reported data for equivalent vibration level has a typical statistical dispersion (standard deviation) of 1 m/s².

EC Declaration of Conformity (Applies to Europe only)

We, Husqvarna AB, SE-561 82 Huskvarna, Sweden, tel +46-36-146500, declare that this trimmer attachment from 2016's serial numbers and onwards (the year is clearly stated in plain text on the type plate, with subsequent serial number), complies with the requirements of the COUNCIL'S DIRECTIVE:

of May 17, 2006 "relating to machinery" **2006/42/EC**.

The following standards have been applied:

EN ISO 12100:2010, EN ISO 11806-1:2011, EN ISO 11806-2:2011

Notified body:

0404, SMP Svensk Maskinprovning AB, Box 7035, SE750 07 Uppsala, Sweden, has carried out voluntary EC type examination in accordance with the machinery directive's (2006/42/EC) article 12, point 3b. The certificate for EC type examination in accordance with annex VI, have the numbers:

0404/14/2394

Huskvarna 1 December, 2016



Per Gustafsson, Development manager (Authorized representative for Husqvarna AB and responsible for technical documentation.)

Original instructions

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