

Guide to Using this Manual

Pictograms

All the pictograms attached to the machine are shown and explained in this manual.

The operating and handling instructions are supported by illustrations.

Symbols in text

The individual steps or procedures described in the manual may be marked in different ways:

- A bullet marks a step or procedure without direct reference to an illustration.

A description of a step or procedure that refers directly to an illustration may contain item numbers that appear in the illustration.

Example:

Loosen the screw **(1)**

Lever **(2)** ...

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Safety Precautions

In addition to the operating instructions, this manual may contain paragraphs that require your special attention. Such paragraphs are marked with the symbols described below:

-  Warning where there is a risk of an accident or personal injury or serious damage to property.
-  Caution where there is a risk of damaging the machine or its individual components.
-  Note or hint which is not essential for using the machine, but may improve the operator's understanding of the situation and result in better use of the machine.
-  Note or hint on correct procedure in order to avoid damage to the environment.

* Equipment and features

This instruction manual may refer to several models with different features. Components that are not installed on all models and related applications are marked with an asterisk (*). Such components may be available as special accessories from your STIHL dealer.

Engineering improvements

STIHL's philosophy is to continually improve all of its products. As a result, engineering changes and improvements are made from time to time. If the operating characteristics or the appearance of your machine differ from those described in this manual, please contact your STIHL dealer for assistance.

Therefore some changes, modifications and improvements may not be covered in this manual.



Special precautions must be taken when working with the combined cut-off machine and cart.

It is important that you read, fully understand and observe the following safety precautions and warnings. Read the owner's manuals and

safety instructions of your TS 700 cut-off machine and cart periodically. Careless or improper use of any power tool may cause serious or fatal injury.

Do not lend or rent your cut-off machine and cart without the Owner's Manual. Be sure that anyone using your cut-off machine and cart understands the information contained in these manuals.

Have your STIHL dealer show you how to operate your cut-off machine with cart. Observe all applicable local safety regulations, standards and ordinances.

 **Warning !**

Minors should never be allowed to use a cut-off machine and cart. Bystanders, especially children, and animals should not be allowed in the area where a cut-off machine is in use. Never let the cut-off machine run unattended.

The cart

For parts of the cart, illustrations and definitions of the parts see "Parts and control".

 **Warning !**

Never modify a cut-off machine or cart in any way. Only attachments supplied by STIHL or expressly approved by STIHL for use with the specific STIHL cut-off machine model and cart are authorized. Although certain unauthorized attachments are usable with a STIHL powerhead and cart, their use may, in fact, be extremely dangerous.

Mounting the cut-off machine

 **Warning !**

To reduce the risk of injury from loss of control and subsequent wheel shatter the cart has been approved by STIHL only for use with the STIHL TS 700 cut-off machine model. Other cut-off machines must not be mounted on the cart.

For assembly, follow the procedure described at the appropriate sections of your owner's manuals.

Before operation of your cut-off machine and cart, be sure that the cart and cut-off machine are in good working order.

Check correct functioning of the operating elements (e.g. throttle control, cutting depth adjustment and follow the appropriate chapters in the Owner's Manuals).

Fueling

The cart must be parked so that it cannot tip over or roll away when refueling the cut-off machine mounted on the cart.

 **Warning !**

Gasoline is an extremely flammable fuel. If spilled or ignited by a spark or other ignition source, it can cause fire and serious burn injury or property damage. Use extreme caution when handling gasoline or fuel mix. Do not smoke or bring any fire or flame near the fuel. For fueling instructions see chapter "Fuel" of the owner's manual of your cut-off machine.

During work

Sweep debris from the path of the wheel as debris may cause flexing of the abrasive wheel. This could result in high frictional forces and thus greatly reduce the engine power available for the actual cutting work. Always use the cart to cut in a straight line.

Warning !

If the cart is pushed over objects, the abrasive wheel may become wedged in the cut and shatter! Always clear a path for the cart and never work on uneven surfaces.

Warning !

To reduce the risk of injury from a cart and cut-off machine tipping over and subsequently causing wheel damage do not work on uneven surfaces.

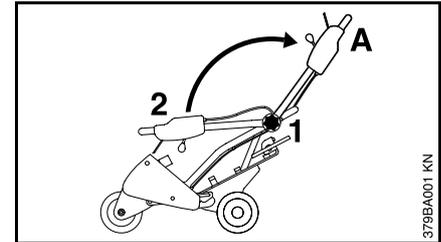
Warning !

Use of this product can generate dust, mists and fumes containing chemicals known to cause serious or fatal injury or illness. Control dust, mists and fumes at the source where possible. A water attachment kit is available for your cart and cut-off machine and should be used for dust suppression when wet cutting is feasible. When the inhalation of dust, mists and fumes cannot be eliminated, the operator and any bystanders should always wear a respirator approved by NIOSH / MSHA for the material being cut. See also the safety precautions on dust, mists and fumes in the Owner's Manual of the cut-off machine.

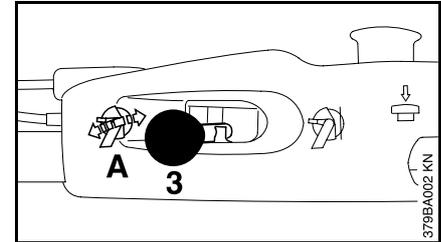
For information on transporting, maintenance, repair and storage of your cut-off machine, see specific sections of your cut-off machine manual.

Assembling the unit

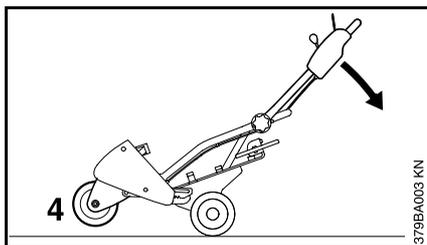
Move cart into working position



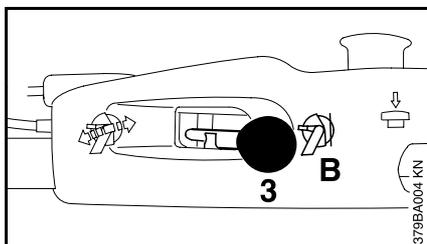
- Turn star handle (1) anticlockwise and move guide tube (2) to working position A.
- Tighten star handle down in clockwise direction.



- Steady the guide tube.
- Move the lever (3) for cutting depth adjustment to position A – the cutting depth adjustment is released.

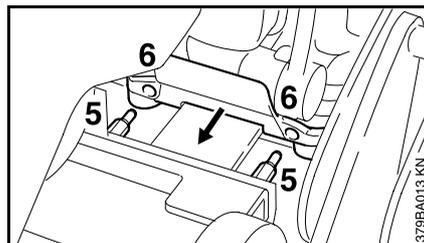


- Press the guide tube down in the direction of the arrow until the wheel (4) hovers above the ground with the swivel arm.
- Hold the cart in this position.

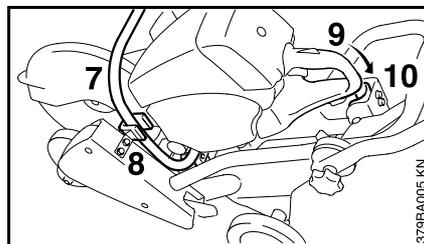


- Move the lever (3) for cutting depth adjustment to position B – the cutting depth adjustment is engaged.
- Relieve the guide tube – the wheel of the swivel arm rests on the ground.

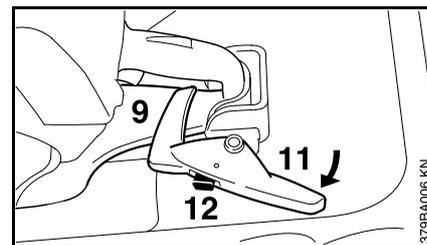
Mount the cut-off machine



- Position the cut-off machine so that the pins (5) protrude into the holes in the support (6).

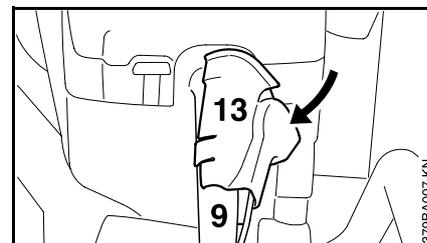


- The handle (7) must rest in the bracket (8) and the handle (9) presses down into the holder (10).



- Turn the locking lever (11) over the hand guard and engage it.
- The locking pawl (12) advances and holds the handle in position.

Mounting the throttle control



- Push the throttle control (13) sideways onto the handle (9) and engage it.

Operating elements

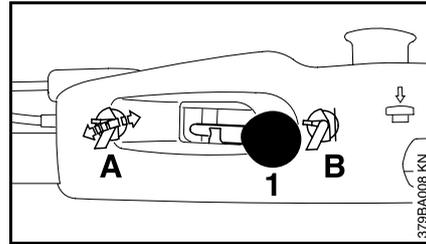
Dismounting the cut-off machine

- Press down the locking pawl on the locking lever and turn the locking lever away from the hand guard.
- Remove the throttle control from the handle.
- Dismount the cut-off machine.

Transport

The star handle can be unscrewed and the guide tube swung forwards for compact transport.

Cutting depth adjustment



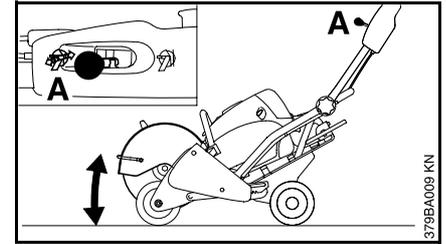
- The cutting depth adjustment is actuated via the lever (1).

Lever position

- A** Cutting depth adjustment released
- B** Cutting depth adjustment engaged

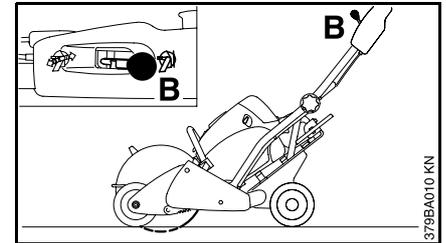
Position A – release –

to set the required cutting depth and to enter the cut.



Position B – engage –

to fix the set cutting depth and work with a uniform cutting depth.



Special accessories

Cutting direction indicator set

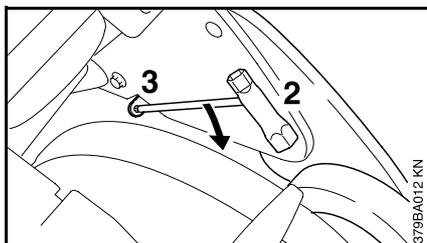
Water tank set

Pressurized water tank set

Release with combination wrench

If the cutting depth adjustment cannot be released via the lever on the guide tube, it can still be released with the combination wrench.

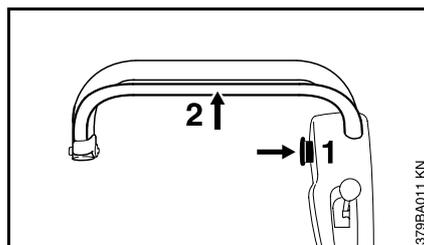
⚠ The combination wrench can only be used to release the cutting depth adjustment when the engine is switched off – do not touch the hot muffler!



- To release the cutting depth adjustment, insert the combination wrench (2) in the hole (3) and press down in the direction of the arrow.

Throttle control

To start the cut-off machine, refer to "Starting / stopping the engine" in the user manual for the cut-off machine.



The throttle is not actuated via the handle on the cut-off machine, but via the throttle control on the guide tube.

For this purpose:

- Press down and hold the locking button (1).
- Pull the throttle control (2) until it contacts the guide tube – **full throttle position**

💡 The speed of the cut-off machine depends on the distance between throttle control and guide tube.

When the throttle control is released completely (no-load setting), the locking button must be pressed again before the throttle control can be actuated.

Maintenance and Repairs

The user of this unit should carry out only the maintenance operations described in this manual. Other repair work may be performed only by an authorized STIHL dealer.

Warranty claims following repairs can be accepted only if the repair has been performed by an authorized STIHL dealer using original STIHL replacement parts.

Original STIHL parts can be identified by the STIHL part number, the **STIHL** logo and the STIHL parts symbol . The symbol may appear alone on small parts.