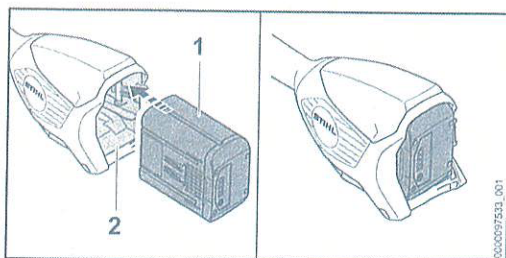


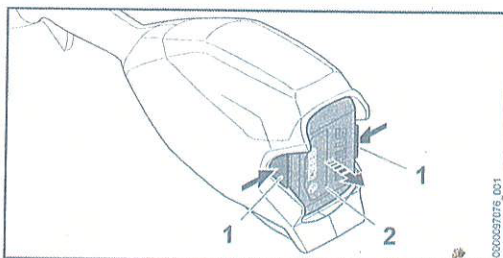
- Flip up the grip and press the cap down firmly (1).
- Turn the cap slowly counter-clockwise (2) to the open position (3). In the open position, the exterior positioning mark (4) on the cap will line up with the symbol (5) on the chain oil tank housing.
- Remove the cap and fill the tank with bar and chain oil.
- Take care not to spill bar and chain oil while refilling the tank.
- Do not overfill the tank. Leave approximately 0.5 in. (13 mm) of air space.

To insert the battery:



- Place the trimmer on a level surface.
 - Insert the battery (1) into the battery compartment (2) until it stops.
- The battery is properly inserted when you hear a audible click and the battery is flush with the top of the housing. In this position, there is electrical contact between the battery and the trimmer.

Since a new battery is not fully charged, STIHL recommends that you fully charge the battery before using it the first time, [§ 9](#).



- Compress the locking levers (1) to eject the battery (2) from the battery compartment.

NOTICE

Avoid exposing the battery to excessive heat or prolonged periods of direct sunlight. Use or storage outside the recommended ambient temperature range can reduce the performance and/or service life of the battery.

14 Switching the Trimmer On and Off

14.1 Switching On

⚠ WARNING

To reduce the risk of serious or fatal injuries to the operator or bystanders, keep hands, feet and other parts of the body away from the cutting attachment, [§ 5.6.2](#). Do not touch the cutting attachment while the battery is inserted. Never touch the moving cutting attachment with your hand or any part of your body, [§ 5.6.4](#).

⚠ WARNING

Never operate your trimmer if it is modified, damaged, improperly adjusted or maintained, not completely and securely assembled or not functioning properly, [§ 5.5](#). To reduce the risk of personal injury, always wear proper clothing and protective apparel, including proper eye protection, when operating your trimmer, [§ 5.4](#). To reduce

16 During Operation

16.1 Using the Trimmer

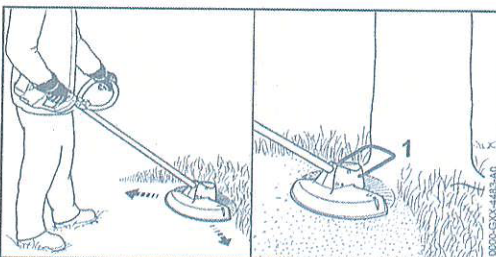
⚠ WARNING

To avoid serious or fatal injury, avoid contact with the moving cutting attachment, [§ 5.6.4](#).

⚠ WARNING

To reduce the risk of personal injury, never work with the trimmer in wet or damp conditions, [§ 5.5](#). Always wear proper clothing and protective apparel, including proper eye protection, when operating your trimmer, [§ 5.4](#). Keep bystanders at least 50 ft. (15 m) away from the work area, [§ 5.6.4](#). Work carefully and maintain proper control of the trimmer, [§ 5.6.2](#).

The trimmer is designed for two-handed operation.



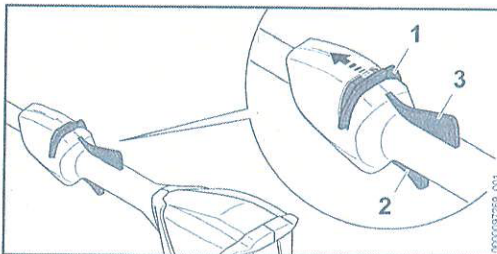
- Swing the trimmer back and forth carefully in a controlled arc parallel to the ground.
- Move forward slowly, keeping two hands on the trimmer at all times.

the risk of serious or fatal injury from loss of control, always hold the trimmer with both hands when you are working, [§ 5.6.2](#).

Before switching on:

- Make sure other persons are out of the general work area.
- Make sure you have a secure and firm footing.
- Stand upright.
- Always hold and operate the trimmer with one hand firmly on the rear or control handle and the other hand firmly on the loop handle.

To switch the trimmer on:



- Unlock the retaining latch (1) by pushing it forward with your thumb. Hold it in this unlocked position.
 - While holding the retaining latch, squeeze the trigger switch (2) with your index finger.
- The cutting attachment will start moving.

The motor will not switch on unless the retaining latch is pushed forward and the trigger switch is pressed at the same time. Once the trigger switch is activated, you may release the retaining latch. Holding the Ergo-Lever (3) down keeps the trigger switch unlocked.

If you release the trigger switch and Ergo-Lever, you have to unlock the tool again with the retaining latch.

17 After Finishing Work

17.1 Preparing for Transportation or Storage

WARNING

To reduce the risk of personal injury from unintended activation or unauthorized use, switch off the motor, ensure the cutting attachment has stopped and remove the battery before transporting the trimmer or putting it down.

To prepare the trimmer for transportation or storage:

- ▶ Switch off the trimmer,  14.2.
- ▶ Remove the battery,  13.2.
- ▶ If the trimmer or battery became wet during operation, allow it to dry completely before charging or storing.

18 Transporting the Trimmer and Battery

18.1 Trimmer

WARNING

To reduce the risk of personal injury from unintended activation, never transport the trimmer with the battery inserted.

WARNING

To reduce the risk of injury from loss of control and blade or line contact, never carry or transport your trimmer with the cutting attachment moving,  5.6.4. Ensure the cutting attachment has stopped before setting it down,  5.6.4.

When trimming, a bump guard (1) limits the cutting range of the mowing line and helps prevent unwanted damage to vegetation in certain circumstances (see illustration). Always remove the battery before mounting or adjusting the bump guard.

Observe all applicable laws, regulations, standards and ordinances.

16.2 Adjusting the Nylon Line

WARNING

To reduce the risk of personal injury from unintended activation, always switch off the motor and remove the battery before manually adding or adjusting the nylon line.

- ▶ While pressing the trigger switch, tap the rotating mowing head on the ground.

Approximately 1.2 in. (30 mm) of fresh nylon line will be advanced with each tap.

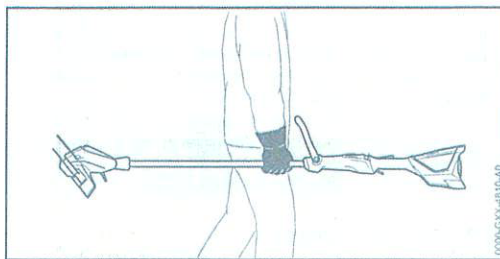
The line limiting blade in the deflector trims the mowing line to the proper length.

The bump feed mechanism will not advance additional line if the mowing line is shorter than 0.1 in. (25 mm). To feed additional line manually:

- ▶ Switch off the trimmer and remove the battery.
- ▶ Depress and hold the button on the mowing head.
- ▶ Pull out the mowing line by hand.
- ▶ If the mowing line cannot be pulled out to the required length, install a new spool of line.

STIHL recommends keeping nylon line or polymer blades in a water bath for at least 12 to 24 hours before use to increase their useful life.

When transporting the trimmer:



- ▶ When transporting the trimmer by hand, hold the drive tube in a manner that balances the trimmer horizontally. Keep the cutting attachment pointing backwards, opposite the direction in which you are walking.
- ▶ When transporting the trimmer in a vehicle, secure and position it to prevent turnover, impact and damage.

18.2 Battery

WARNING

To reduce the risk of a short circuit, which could lead to electric shock, fire and explosion, never transport the battery in a metal container or near metal objects (e.g., paper clips, nails, coins, keys),  6.

When transporting the battery:

- ▶ Place the battery in a non-metal container or carton and secure it against impact or damage. Never transport the battery in a metal or other container that is capable of conducting electricity, or near metal objects (e.g., paper clips, nails, coins, keys).
- ▶ If you are transporting the battery in a vehicle, secure it and its container to prevent turnover, impact and damage.

STIHL batteries comply with the requirements set forth in UN-Manual ST/SG/AC.10/11/Rev.5/Part III, Subsection 38.3.

18.1 Adjusting the Length of the Drive Tube (HTA 86 only)

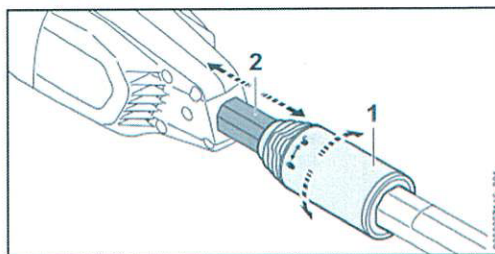
WARNING

To reduce the risk of injury from loss of control, ensure that the drive tube is properly adjusted and engaged in the locked position before starting work.

The length of the drive tube can be adjusted to suit the height and reach of the operator.

To adjust the length of the drive tube:

- ▶ Switch off the pole pruner,  16.2.
- ▶ Remove the battery,  15.2.
- ▶ Hold the drive tube firmly.



- ▶ Unlock the drive tube (2) by turning the clamping nut (1) a half turn in the direction .
- ▶ Adjust the drive tube length by sliding it into the desired position.
- ▶ Lock the drive tube by turning the clamping nut in the direction  and tightening it.
- ▶ Confirm that the drive tube is fixed in place.
- ▶ If the drive tube still can be moved: Lock the drive tube by turning the clamping nut in the direction  and tightening it until the drive tube is fixed in place.