

FS 3001

***STIHL***



2 - 18

Инструкция по эксплуатации



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## 1 Введение

Уважаемый клиент!

Благодарим вас за выбор STIHL. Мы разрабатываем и производим нашу продукцию, отвечающую самым высоким требованиям.

Наша продукция рассчитана на надежную работу даже в самых экстремальных условиях.

STIHL – это также гарантия высокого качества обслуживания.

Наши дилеры гарантируют квалифицированные консультации и инструкции, а также всестороннюю сервисную поддержку.

Компания STIHL придерживается принципов устойчивого и ответственного использования природных ресурсов. Настоящее руководство пользователя призвано помочь вам безопасно и экологично использовать изделие STIHL на протяжении длительного срока службы.

Мы благодарим вас за оказанное доверие и надеемся, что вы получите удовольствие от работы с изделием STIHL.

*N. Stihl*

Д-р Николас Штиль

**ВАЖНО! ОЗНАКОМЬТЕСЬ ПЕРЕД ИСПОЛЬЗОВАНИЕМ И СОХРАНИТЕ В НАДЕЖНОМ МЕСТЕ ДЛЯ СПРАВОК.**

## 2

Руководство по использованию данного руководства

### 2.1 Сопутствующая документация

Соблюдайте местные правила техники безопасности.

► В дополнение к настоящему руководству по эксплуатации, прочтите, усвойте и сохраните следующие документы:

– Руководство по эксплуатации и упаковка используемой режущей гарнитуры

### 2.2 Обозначения, используемые для предупреждений в тексте



**ВНИМАНИЕ**

■ Этот символ указывает на опасности, которые могут привести к серьезным травмам или к смерти.

► Соблюдение указанных мер позволит избежать серьезных травм или смерти.

### УВЕДОМЛЕНИЕ

■ Этот символ указывает на опасности, которые могут привести к повреждению имущества.

► Соблюдение указанных мер позволит избежать повреждения имущества.

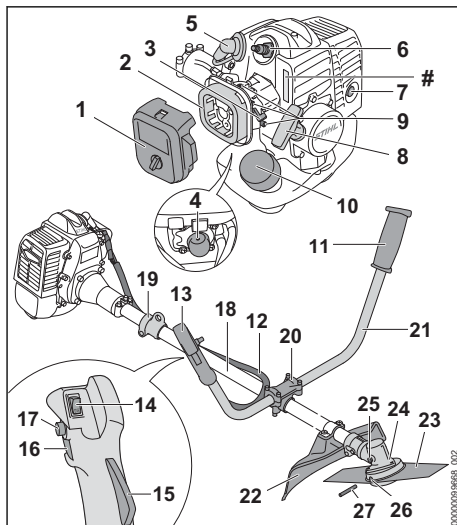
### 2.3 Символы в тексте



Этот символ указывает на главу в данном руководстве по эксплуатации.

## 3 Обзор

### 3.1 Мотокоса



- 1 Крышка фильтра  
Закрывает воздушный фильтр.
- 2 Воздушный фильтр  
Воздушный фильтр очищает воздух, поступающий в двигатель.
- 3 Рычаг воздушной заслонки  
Рычаг воздушной заслонки облегчает запуск двигателя.
- 4 Ручной топливный насос  
Ручной топливный насос облегчает запуск двигателя.
- 5 Наконечник свечи зажигания  
Соединяет высоковольтный провод со свечой зажигания.
- 6 Свеча зажигания  
Осуществляет поджиг топливно-воздушной смеси в двигателе.
- 7 Глушитель  
Снижает уровень шума мотокосы.
- 8 Рукоятка стартера  
Рукоятка стартера используется для запуска двигателя.
- 9 Регулировочные винты карбюратора  
Предназначены для настройки карбюратора.
- 10 Крышка топливного бака  
Крышка топливного бака герметизирует топливный бак.
- 11 Рукоятка  
Рукоятка служит для удержания и управления мотокосой.
- 12 Трос дроссельной заслонки  
Соединяет рычаг дроссельной заслонки с двигателем.
- 13 Рукоятка управления  
Рукоятка управления предназначена для управления, удержания и контроля мотокосы.
- 14 Кулисный переключатель  
Кулисный переключатель предназначен для запуска и остановки двигателя.
- 15 Блокировка рычага дроссельной заслонки  
Блокировка рычага дроссельной заслонки освобождает рычаг дроссельной заслонки.
- 16 Рычаг дроссельной заслонки  
Рычаг дроссельной заслонки предназначен для управления частотой вращения двигателя.
- 17 Кнопка фиксации  
Кнопка фиксации блокирует рычаг дроссельной заслонки во время запуска двигателя.
- 18 Штанга  
Штанга соединяет все компоненты.
- 19 Опорное кольцо  
Опорное кольцо служит для крепления несущей системы.
- 20 Зажим руля  
Зажим руля соединяет руль со штангой.

- 21 Руль  
Руль соединяет рукоятку управления и ручку со штангой.
  - 22 Дефлектор для металлической режущей гарнитуры  
Дефлектор для металлической режущей гарнитуры защищает пользователя от летящих осколков и контакта с металлической режущей гарнитурой.
  - 23 Нож для травы  
Нож для травы предназначен для скашивания травы и сорняков.
  - 24 Корпус редуктора  
Корпус редуктора содержит коробку передач.
  - 25 Винтовая пробка  
Винтовая пробка закрывает заправочное отверстие для консистентной смазки редуктора STIHL.
  - 26 Отверстие для стопорного штифта  
В отверстие для стопорного штифта устанавливается стопорный штифт.
  - 27 Стопорный штифт  
Стопорный штифт блокирует вал при установке режущей гарнитуры.
- # Заводская табличка с номером изделия

## 3.2 Обозначения

Значения обозначений, которые могут быть на триммере и дефлекторе:



Этот значок указывает на топливный бак.



Этот символ указывает на ручной топливный насос.

**ЗАПУСК** Этот символ обозначает рукоятку стартера; двигатель запускается, когда рокерный переключатель находится в этом положении.

**СТОП**

Двигатель останавливается, когда рокерный переключатель находится в этом положении.



Двигатель запускается, когда рычаг воздушной заслонки находится в этом положении.



Двигатель подготавливается к запуску, когда рычаг воздушной заслонки находится в этом положении.



Этот символ указывает направление вращения режущей гарнитуры.

Этот символ указывает номинальную частоту вращения режущей гарнитуры.

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## 4 Меры безопасности

### 4.1 Предупреждающие знаки

Значение предупреждающих знаков на мотокосе:



Соблюдайте указания по технике безопасности и принимайте необходимые меры предосторожности.



Прочтите, усвойте и сохраните руководство по эксплуатации.



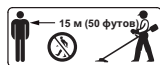
Используйте защитные очки и наушники.



Соблюдайте правила техники безопасности, учитывайте опасность разлетающихся предметов и принимайте необходимые меры предосторожности.



Не допускайте контакта с режущей гарнитурой.



Соблюдайте безопасное расстояние.

под присмотром ответственного лица или по его указанию.

- Пользователь должен уметь распознавать и оценивать риски, связанные с использованием триммера.
- Пользователь должен быть совершеннолетним или проходить производственное обучение под контролем в соответствии с национальными нормами и правилами.
- Перед первым использованием триммера пользователь должен пройти инструктаж у сервисного дилера STIHL или опытного пользователя.

— Не допускается эксплуатация изделия лицами, находящимися в состоянии алкогольного, наркотического или медикаментозного опьянения.

- В случае возникновения вопросов: обратитесь к сервисному дилеру STIHL для получения консультации.
- Система зажигания триммера создает электромагнитное поле. Данное поле может создавать помехи в работе некоторых моделей кардиостимуляторов. Это может повлечь за собой серьезные травмы, вплоть до летального исхода.
- Пользователям с установленным кардиостимулятором: необходимо убедиться в отсутствии помех в работе кардиостимулятора.

## 4.2 Использование по назначению

Мотокоса STIHL FS 3001 предназначена для кошения травы и сорняков.

### 4.4

Одежда и средства индивидуальной защиты

## ⚠ ВНИМАНИЕ

- Использование мотокосы не по назначению может привести к тяжелым или смертельным травмам и материальному ущербу.
- Используйте мотокосу в соответствии с указаниями данного руководства по эксплуатации.

## 4.3 Оператор

## ⚠ ВНИМАНИЕ

- Пользователи, не прошедшие инструктаж, не могут осознать или оценить риски, связанные с эксплуатацией триммера. Пользователь или другие лица могут получить серьезные травмы, вплоть до смертельного исхода.



- Ознакомьтесь с руководством по эксплуатации, усвойте его содержание и сохраните.



- При передаче триммера другому пользователю обязательно передайте ему руководство по эксплуатации.
- Убедитесь, что пользователь отвечает следующим требованиям:
  - Пользователь должен быть отдохнувшим и бодрым.
  - Пользователь должен находиться в хорошем физическом и психическом состоянии для работы с триммером. Если физические, сенсорные или умственные возможности пользователя ограничены, он может работать только

## ⚠ ВНИМАНИЕ

- Во время работы длинные волосы могут быть захвачены вращающимися частями мотокосы. Это может привести к серьезным травмам.



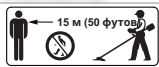
- ⚠ Inappropriate clothing can trap or catch brush or the brushcutter. Users not wearing suitable clothing may be seriously injured.
  - Wear close-fitting clothing.
  - Remove jewelry and jewelry.
- ⚠ The user may come into contact with the rotating cutting attachment during operation. This may result in serious injury to the user.
  - Wear robust footwear.
  - If you are using a metal cutting attachment:
    - Wear steel-toed safety boots.
    - Wear long pants made of robust material.
- ⚠ When mounting and dismounting the cutting attachment and during clearing or maintenance, the user may come into contact with the sharp edges of the cutting attachment or the exhaust blade. This may result in injury to the user.
  - Wear work gloves made of robust material.
- ⚠ Wearing unsuitable footwear may cause the user to slip. This may result in injury to the user.
  - Wear sturdy, closed-toe footwear with non-slip soles.

## 4.5

## Working Area and Surroundings

## ⚠ ВНИМАНИЕ

- ⚠ Surrounders, children and animals are not aware of the dangers of the brushcutter or its long wires. This may result in serious injury to bystanders, children and animals and damage to property.



- Do not allow bystanders, children or animals within 15 meters of the work area.
- Warnen a distance of 15 meters from objects.
- Do not leave the brushcutter unattended.
- Make sure that children cannot play with the brushcutter.
- ⚠ Hot exhaust gas is emitted through the muffler while the engine is running. Hot exhaust gas can ignite easily flammable materials and cause a fire.
  - Keep exhaust gas well away from easily flammable materials.

## 4.6

## Safe Condition

## 4.6.1 Мотокоса

- ⚠ The brushcutter is in a safe condition if the following points are observed:
  - The brushcutter is not damaged.
  - There is no fuel leaking from the engine.

- The fuel tank cap is closed.
- The brushcutter is clean.
- The controls function properly and have not been modified.
- A combination of cutting attachment and deflector recommended in this user manual is mounted.
- The cutting attachment and deflector are properly mounted.
- Service STIHL accessories for the brushcutter are fitted.
- The accessories are correctly attached.
- All accessible screws and fastening parts are fully tightened.
- Cutting attachment does not run while engine is idling.

## ⚠ ВНИМАНИЕ

- ⚠ If not in safe condition, components may no longer operate correctly, safety devices may be disabled and fuel leakage may occur. There is a risk of serious or fatal injury.
  - Work only with an undamaged brushcutter.
  - If fuel is leaking from the engine: Do not use the engine and contact a STIHL dealer for assistance.
    - Close the fuel tank cap.
    - If the brushcutter is idling: Close the brushcutter.
  - Never attempt to modify your brushcutter. Exception: Mounting one of the combining kits of cutting attachment and deflector recommended in this user manual.
  - If the controls do not function properly: Do not use your brushcutter.
  - Fit genuine STIHL accessories for the brushcutter.
  - Mount the cutting attachment and deflector as described in this user manual.
  - Mount accessories as described in this User Manual or in the User Manual for the accessories.
  - Tighten loose screws and fastening parts.
  - If the cutting attachment rotates when the engine is idling: Rectify the malfunction.
  - Never insert objects into the openings of the brushcutter.
  - Replace worn or damaged blades.
  - If you are unsure: Contact a STIHL service dealer.

## 4.6.2

## Deflector

- ⚠ The deflector is in a safe condition if the following points are observed:
  - The deflector is not damaged.

## ⚠ ВНИМАНИЕ

■ If fuel is in safe condition, components may no longer operate correctly and safety devices may be disabled. This may result in serious injury to the user.

- Work only with an undamaged reflector.
- If you are unsure, consult a DTHS dealer.

### 4.6.3 Metal cutting attachment

The metal cutting attachment is in a safe condition if the following points are observed:

- Metal cutting attachment and mounting hardware are undamaged.
- Metal cutting attachment is not warped.
- Metal cutting attachment is properly mounted.
- Metal cutting attachment is correctly sharp-ened.
- Cutting edges of the metal cutting attachment have no burrs.
- The wear limits are not exceeded.
- If a metal cutting attachment not manufactured by DTHS, is used, it must not be heavier, thicker, of a different shape, of a lower quality, or larger in diameter than the larger metal cutting attachment approved by DTHS.

## ⚠ ВНИМАНИЕ

■ It is not in an safe condition, parts of the metal cutting attachment may come off and be thrown at high speed. They may cause serious injury to persons.

- Never work with a damaged metal cutting attachment or damaged mounting hardware.
- Sharpen the metal cutting attachment correctly.
- Deburr the cutting edges with a file.
- Have the metal cutting attachment inspected by a DTHS, servicing dealer.
- Observe and remain inside the wear limits.
- Use a metal cutting attachment specified in these instructions for use.
- If you have any doubts, be sure to consult a DTHS dealer.

### 4.7 Fuel Mixture and Refueling

## ⚠ ВНИМАНИЕ

■ This brushcutter requires a fuel mixture of gasoline and two-stroke engine oil. Mixed fuel and gasoline are extremely flammable. If fuel mix-ture or gasoline makes contact with open fire or hot objects, they can cause a fire or explosion. Persons may be seriously or fatally injured and property may be damaged.

- Protect fuel mixture and gasoline from heat and fire.
- Do not spill fuel mixture or gasoline.
- If fuel is spilled, wipe up fuel with a cloth and do not attempt to start engine until all parts of the brushcutter are dry.

- Do not smoke.
- Never refuel near a fire.
- Shut off the engine and allow it to cool down before refueling.
- Start the engine at least 2 meters from the fueling point, outdoors only.

■ Inhaling fuel fumes and gasoline fumes can have toxic effects.

- Avoid inhaling fuel fumes or gasoline fumes.
- Refuel in a well-ventilated location.

■ The brushcutter becomes hot during operation. The fuel expands and excess pressure can build up in the tank. Fuel can escape as a spray when the fuel tank cap is opened. The escaping fuel can ignite. This may result in serious injury to the user.

- Allow the brushcutter to cool down first and then open the fuel tank cap carefully.

■ Fueling that has been in contact with fuel or gasoline will ignite more easily. Persons may be seriously or fatally injured and property may be damaged.

- If your clothing comes into contact with fuel or gasoline, change your clothing.

■ Fuel mix, gasoline and two-stroke engine oil can harm the environment.

- Do not spill fuel, gasoline or two-stroke engine oil.

➤ Dispose of fuel mix, gasoline and two-stroke engine oil in accordance with local regulations and environmental requirements.

■ Fuel, gasoline or two-stroke engine oil can cause irritation if they come into direct contact with the skin or eyes.

- Avoid contact with fuel, gasoline and two-stroke engine oil.

- If skin contact occurs, wash affected areas of skin with plenty of water and soap.

- If the extent of contact with eyes, flush eyes with plenty of water for at least 15 minutes and consult a doctor.

■ The brushcutter's ignition system produces sparks. Uncontrolled sparks may cause a fire or an explosion in an easily combustible or explosive environment. Persons may be seriously or fatally injured and property may be destroyed.

- Use the spark plug described in this instruction manual.
- Insert and tighten down the spark plug.
- Connect the spark plug lead and press it down firmly.
- The troubleshooter can become damaged if it is run with a fuel mixture that includes unsuitable gasoline or an unsuitable two-stroke engine oil, and also if an incorrect mix ratio of gasoline and two-stroke engine oil is used.
- Mix the fuel as described in this User Manual.
- The mixture of gasoline and two-stroke engine oil can separate or age if it is stored for a long period. The troubleshooter can be damaged if it is used with a fuel mix that has become separate and is too aged.
- Before refueling the troubleshooter, don't roughly mix the fuel.
- Use a mixture of gasoline and two-stroke engine oil that is not older than 30 days (2019). Mixture: 1 year.
- Exhaust gas is produced when the engine is running. Breathing in exhaust gas can have toxic effects. Breathing in exhaust gas can have toxic effects.
- Avoid inhaling exhaust gas.
- Operate the trimmer in a well-ventilated location.
- In the event of nausea, headache, visual disturbances, problems with hearing or dizziness, stop work and seek medical advice.
- The user's ability to hear and receive noise is restricted when wearing hearing protection with the engine running.
- Work safely and methodically.
- If you are working with the troubleshooter and the throttle trigger is locked, the user is unable to work with the troubleshooter in a controlled manner. This may result in serious injury to the user.
- Make sure that the throttle trigger is not locked when working with the device.
- Start the engine as described in this User Manual.
- The rotating cutting attachment can cut the user. This may result in serious injury to the user.
- Do not touch the rotating cutting attachment.
- If the cutting attachment is blocked by an object, shut off the engine before clearing the jam.
- The machine can be damaged if you open the throttle while the cutting attachment is blocked by an object.
- Shut off the engine before clearing the jam.
- If the behavior of the trimmer changes during operation or feels unusual, it may no longer be in a safe condition. This may result in serious injury to people and damage to property.
- Stop work and consult a DTHS, servicing dealer.
- Trimmer vibrations may occur during operation.
- Wear gloves.
- Take breaks.
- If signs of a circulatory disturbance occur, consult a doctor.
- If the rotating cutting attachment makes contact with a foreign object during operation, the object or parts of it may be thrown at high speed. Persons may be injured or property may be damaged.
- Remove foreign objects from the working area.
- If the rotating cutting attachment makes contact with a hard object, sparks may occur and

## 4.8 Working

## ⚠ ВНИМАНИЕ

- If the engine is not started properly, the user may lose control of the trimmer. This may result in serious injury to the user.
- Start the engine as described in this instruction manual.
- If the cutting attachment is touching the ground or objects, do not start the engine.
- The throttle trigger is locked when starting the engine, in the locked position, the engine rpm are higher than the idle speed and the cutting attachment can rotate as soon as the engine is running. This may result in serious injury to the user.
- Do not touch the cutting attachment.
- Start the engine as described in this instruction manual.
- In certain situations, the user may no longer be able to concentrate on their work. The user can lose control of the trimmer, stumble or fall and be seriously injured.
- Work safely and methodically.
- If light and visibility are poor, do not use your trimmer.
- Operate the trimmer alone.
- Keep the cutting attachment close to the ground.
- Watch out for obstacles.
- Work standing on the ground and keep your balance.
- If you start feeling fatigue, take a break.
- If the engine is not started properly, the user may lose control of the trimmer. This may result in serious injury to the user.
- Start the engine as described in this instruction manual.
- If the cutting attachment is touching the ground or objects, do not start the engine.
- The throttle trigger is locked when starting the engine, in the locked position, the engine rpm are higher than the idle speed and the cutting attachment can rotate as soon as the engine is running. This may result in serious injury to the user.
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- Operate the trimmer alone.
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- Watch out for obstacles.
- Work standing on the ground and keep your balance.
- If you start feeling fatigue, take a break.
- The machine can be damaged if you open the throttle while the cutting attachment is blocked by an object.
- Shut off the engine before clearing the jam.
- If the behavior of the trimmer changes during operation or feels unusual, it may no longer be in a safe condition. This may result in serious injury to people and damage to property.
- Stop work and consult a DTHS, servicing dealer.
- Trimmer vibrations may occur during operation.
- Wear gloves.
- Take breaks.
- If signs of a circulatory disturbance occur, consult a doctor.
- If the rotating cutting attachment makes contact with a foreign object during operation, the object or parts of it may be thrown at high speed. Persons may be injured or property may be damaged.
- Remove foreign objects from the working area.
- If the rotating cutting attachment makes contact with a hard object, sparks may occur and

The cutting attachment may be damaged. Sparks can cause fires in a flammable area present. Persons may be seriously or fatally injured, and property may be damaged.

- Do not use in a flammable environment.
- Make sure the cutting attachment is in a safe condition.

• Note that the cutting attachment continues to rotate for a short period after you release the trigger. Persons may be seriously injured.

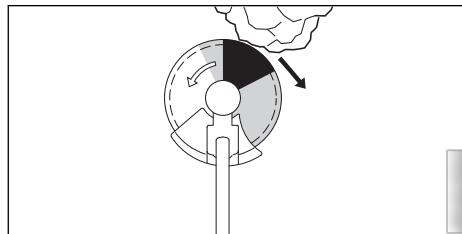
- Wait until the cutting attachment comes to a complete stop.

• In an emergency, the user may need to stop, and forget to take off the carrying system. This may result in serious injury to the user.

- Practice taking off the carrying system.

## 4.9

### Reactive Forces



Rebound can be caused for the following reasons:

- The shaded area in the black area of the rotating metal cutting attachment comes into contact with a solid object and is suddenly blocked.
- The rotating metal cutting attachment gets jammed in the cut.

The risk of rebound is greatest in the black area.

## ⚠ ВНИМАНИЕ

• These situations can abruptly decelerate or stop rotation of the cutting attachment and cause the cutting attachment to be thrown to the right or in the direction of the user (black areas). The user can lose control of the trimmer. This can result in serious or fatal injuries.

- Hold the trimmer firmly with both hands.
- Use the working techniques described in the instruction manual.
- Do not use the black areas for cutting.
- Use a combination of cutting attachment, deflector, and carrying system mentioned in the instruction manual.
- Stopper the metal cutting attachment correctly.
- Cut with the motor running at full speed.

## 4.10 Transporting

### ⚠ ВНИМАНИЕ

• The gearbox can get hot during operation. There is a risk of burn injuries.

- Do not touch a hot gearbox.

• The trimmer may turn over or stall during transport. This may result in personal injury and damage to property.

- Shut off the engine.
- If a metal cutting attachment is mounted to the transport guard.
- Secure the trimmer with locking straps or a net to prevent it turning over and moving.

• The muffler and engine may be hot after a period of operation. There is a risk of burn injuries.

- Carry the trimmer properly balanced by the drive shaft with the cutting attachment behind you.

## 4.11 Storing

### ⚠ ВНИМАНИЕ

• Children are not aware of and cannot assess the dangers of a trimmer and can be seriously injured.

- Shut off the engine.
- If a metal cutting attachment is mounted to the transport guard.
- Store the trimmer out of the reach of children.

• Children can curiously the electrical contacts on the trimmer and metal components. This can damage the trimmer.

- Store the trimmer in a clean and dry condition.

## 4.12 Cleaning, maintenance and repair

### ⚠ ВНИМАНИЕ

• The cutting attachment can start rotating unintentionally if the engine is running during cleaning, maintenance or repair operations. This may result in serious injury to people and damage to property.

- Shut off the engine.

• The muffler and engine may be hot after a period of operation. This can result in burn injuries.

- Wait until the muffler and engine cool down.

• The gear housing can get hot during operation. There is a risk of burn injuries.

- Do not touch a hot gear housing.

- Aggressive clearing agents, a wider jet or pointed objects can damage the trimmer deflector or the cutting attachment. If the trimmer deflector and cutting attachment are not cleaned correctly, components may no longer function properly or safety devices may be rendered inoperative. This can result in serious or fatal injuries.

- 1. Clean the trimmer deflector and cutting attachment as described in the User Manual.

- If the trimmer deflector or cutting attachment is not maintained or repaired as described in the User Manual, components may no longer function properly or safety devices may be rendered inoperative. This can result in serious or fatal injuries.

- Maintain or repair the trimmer and the deflector as described in the User Manual.

- Maintain the cutting attachment as described in the User Manual supplied with the cutting attachment being used or in the cutting attachment's packaging.

- The user can be using the sharp cutting edges while clearing or maintaining cutting attachments. This may result in injury to the user.

- 1. Work with gloves made of robust material.

## 5 Preparing Trimmer for Operation

### 5.1 Preparing the Trimmer for Operation

The following steps must be performed before commencing work:

- Ensure that the following components are in a safe condition:

- Trimmer  5.1.1
- Deflector  5.1.2
- Steel cutting attachment  5.1.3

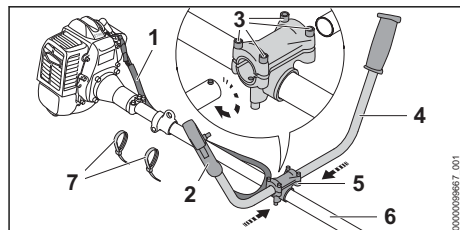
- 1. Clean the trimmer  5.1.1
- 2. Mount the side handle  5.1.1
- 3. Select combination of cutting attachment, deflector and carrying system  5.1.3
- 4. Mount the deflector  5.1.2
- 5. Mount the metal cutting attachment  5.1.3
- 6. Fit the trimmer with fuel  5.1.2
- 7. Fit and adjust the carrying system  5.1.1
- 8. Adjust the side handle  5.1.2
- 9. Balance the trimmer  5.1.2
- 10. Check the controls  5.1.1

- If you cannot carry out this work, do not use your trimmer and contact your DTHS authorized dealer for assistance.

## 6 Assembling the Trimmer

### 6.1 Mounting the Side Handle

- 1. Start of the engine

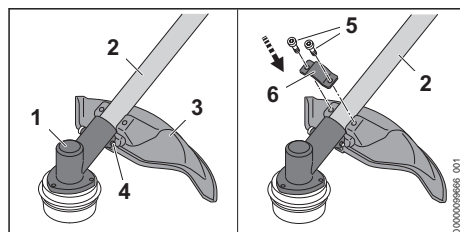


- 1. Loosen the screws (3).
- 2. Pass the flexible cable (1) under the shaft (2).
- 3. Place the right-hand handle (3) in the clamping plate (2).
- 4. Place the left-hand handle (3) in the clamping plate (2).
- 5. Tighten the screws (3).
- 6. Bring the right-hand handle (3) and left-hand handle (3) opposite and align it towards the cutting attachment.
- 7. Tighten the screws (3) securely.
- 8. Using 2 cables (1) secure the flexible cable (1) to the shaft (2).

It is not necessary to remove the side handle again.

### 6.2 Mounting the Deflector

- 1. Start of the engine



- 1. Position the deflector (3) on the shaft (2) in such a way that the screws (3) rest against the gasket (1).
- 2. Place the clamping (3) on the shaft (2) in such a way that the holes are aligned.
- 3. Insert screws (3) and tighten them.

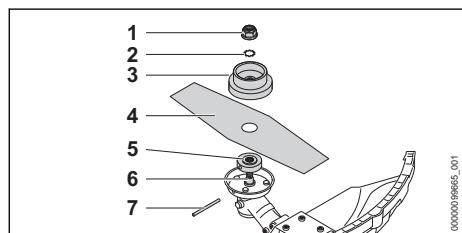
Do not remove the deflector (3) again.

## 6.3

### Removing and Installing Metal Cutting Attachment

#### 6.3.1

#### Mounting the metal cutting attachment



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1. Place the spacer plate (5) on the shaft (6) so that its smaller diameter faces up.
2. Place the metal cutting attachment (4) on the shaft (6).
3. Mounting attachment has been centered on the hub.
4. Position the spacer plate (5) on the metal cutting attachment (4) so that the open side faces up.
5. Place the lock washer (3) on the shaft (6).
6. Insert the stop pin (7) in the hole up to the stop step and hold it depressed.
7. Rotate the metal cutting attachment (4) counter-clockwise until the stop pin (7) engages in position.
8. The shaft (6) is now locked.
9. Fit the nut (2) counter-clockwise and tighten it down firmly.
10. Remove the stop pin (7).

#### 6.3.2

#### Removing the metal cutting attachment

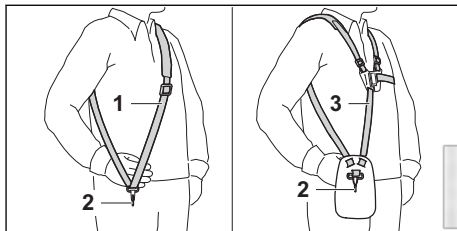
1. Shut off the engine.
2. Insert the stop pin in the hole up to the stop step and hold it depressed.
3. Rotate the metal cutting attachment clockwise until the stop pin engages in position.
4. The shaft is now unlocked.
5. Unscrew the mounting nut clockwise.
6. Remove the stop pin.
7. Remove the lock washer, spacer plate, metal cutting attachment and metal plate.

## 7 Adjusting Trimmer for User

### 7 Adjusting Trimmer for User

#### 7.1

#### Fitting and Adjusting the Carrying System



1. Place the shoulder strap (1) on the shoulder.

(3).

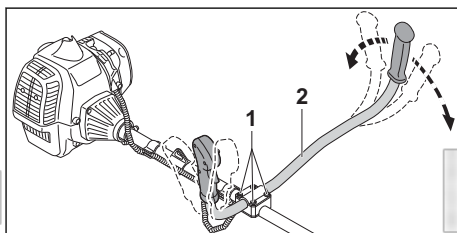
2. Adjust the shoulder strap (1) so that the shoulder (2) is about a hand's width below your right hip.

#### 7.2

#### Adjusting the Side Handle

The side handle can be set to different positions to suit the height and reach of the user.

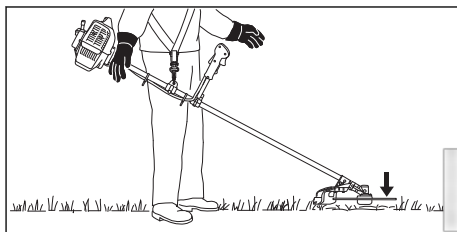
1. Shut off the engine.
2. Hook the handle strap from the carrying ring into the connector of the carrying system.



3. Lock the system (3).
4. Swing the side handle (2) to the required position.
5. Tighten down the system (3) firmly.

#### 7.3

#### Retracting the Trimmer



The cutting attachment should rest lightly on the ground.

1. Shut off the engine.



1. Lift the wheelbarrow by the handles.
2. Do not lift the wheelbarrow by the handles.
3. Do not lift the wheelbarrow by the handles.



1. Lift the wheelbarrow by the handles.
2. Do not lift the wheelbarrow by the handles.
3. Do not lift the wheelbarrow by the handles.

## Working with and Maintaining the Wheelbarrow

1. Working with
2. Working with



The wheelbarrow is a useful tool for moving heavy loads. It is designed to be used in a variety of ways, including for moving soil, mulch, and other materials.

When using a wheelbarrow, it is important to follow the following guidelines:

- Always use proper lifting technique.
- Do not overfill the wheelbarrow.
- Do not use the wheelbarrow for anything other than its intended purpose.

By following these guidelines, you can ensure that you are using the wheelbarrow safely and effectively.

1. Always use proper lifting technique.
2. Do not overfill the wheelbarrow.
3. Do not use the wheelbarrow for anything other than its intended purpose.
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10. Always use proper lifting technique.

## Working with and Maintaining the Wheelbarrow

1. Working with
2. Working with



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When using a wheelbarrow, it is important to follow the following guidelines:

- Always use proper lifting technique.
- Do not overfill the wheelbarrow.
- Do not use the wheelbarrow for anything other than its intended purpose.



1. Lower the engine into the hull using the crane and slings. The engine should be lowered into the hull with the propeller pointing forward.

## 8. Mounting and Securing the Engine

### 8.1. Mounting the engine on the hull

When mounting the engine on the hull, the engine should be lowered into the hull with the propeller pointing forward. The engine should be lowered into the hull with the propeller pointing forward.

- 1. The engine should be lowered into the hull with the propeller pointing forward.
- 2. The engine should be lowered into the hull with the propeller pointing forward.
- 3. The engine should be lowered into the hull with the propeller pointing forward.
- 4. The engine should be lowered into the hull with the propeller pointing forward.

### 8.2. Securing the engine on the hull

The engine should be secured to the hull using the mounting brackets and bolts. The engine should be secured to the hull using the mounting brackets and bolts.

- 1. The engine should be secured to the hull using the mounting brackets and bolts.
- 2. The engine should be secured to the hull using the mounting brackets and bolts.
- 3. The engine should be secured to the hull using the mounting brackets and bolts.
- 4. The engine should be secured to the hull using the mounting brackets and bolts.



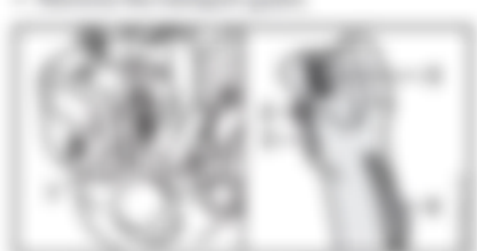
- 1. The engine should be secured to the hull using the mounting brackets and bolts.
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- 8. The engine should be secured to the hull using the mounting brackets and bolts.

### 8.3. Starting the engine

- 1. The engine should be started using the starter motor.
- 2. The engine should be started using the starter motor.
- 3. The engine should be started using the starter motor.
- 4. The engine should be started using the starter motor.



The engine should be started using the starter motor.





