



**H** Husqvarna®



**580BTS Mark II**

EN Operator's manual  
ZH 操作手册

2-16  
17-29

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## Introduction

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### Product description

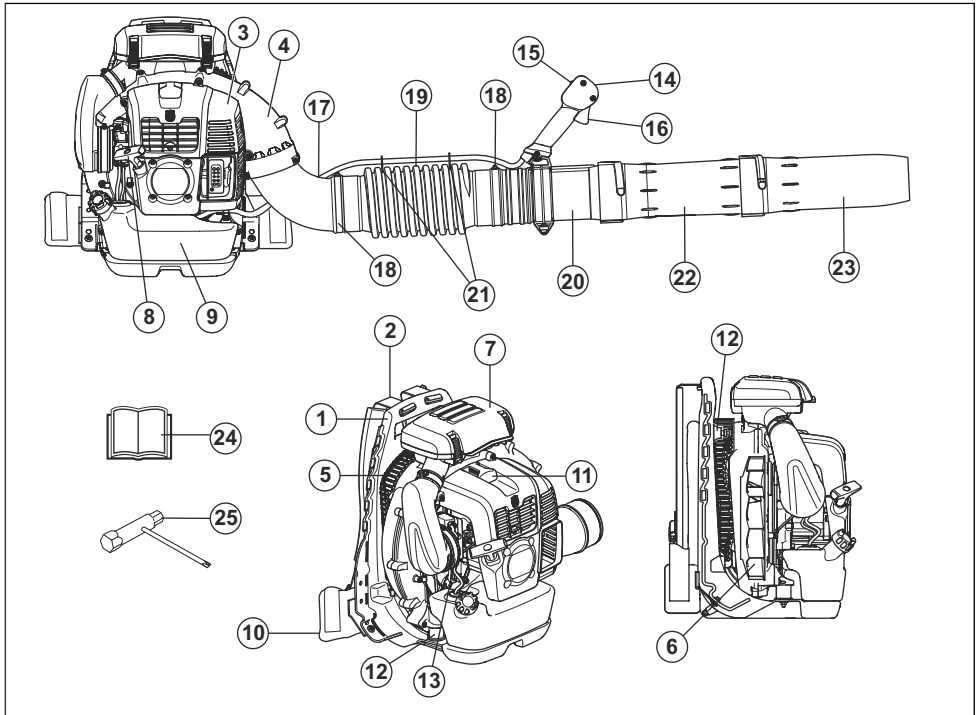
This product is a backpack blower with a fuel engine.

We have a policy of continuous product development and therefore reserve the right to modify the design and appearance of products without prior notice.

### Intended use

Use the product to blow leaves and other unwanted material from areas such as lawns, pathways and asphalt roads.

### Product overview



- |                      |                              |
|----------------------|------------------------------|
| 1. Frame             | 7. Air filter                |
| 2. Harness           | 8. Starter rope handle       |
| 3. Engine cover      | 9. Fuel tank                 |
| 4. Fan housing       | 10. Waist belt               |
| 5. Air intake screen | 11. Spark plug               |
| 6. Fan               | 12. Vibration damping system |

13. Choke control
14. Handle
15. Stop switch with throttle position adjustment
16. Throttle trigger
17. Pipe angle
18. Clamp
19. Flexible hose
20. Control pipe
21. Cable clamp
22. Intermediate pipe
23. Blower nozzle
24. Operator's manual
25. Combination wrench

## Symbols on the product



**WARNING!** This product is dangerous. Injury or death can occur to the operator or bystanders if the product is not used carefully and correctly. To prevent injury to the operator or bystanders, read and obey all safety instructions in the operator's manual.



Read the operator's manual carefully and make sure that you understand the instructions before use.



Use approved hearing protection and approved eye protection. If the environment contains dust, use a breathing mask.



yyyywwxxxx

**Note:** Other symbols/decals on the product refer to certification requirements for other commercial areas.

## Product liability

As referred to in the product liability laws, we are not liable for damages that our product causes if:

- the product is incorrectly repaired.



Use approved protective gloves.



Refueling.



Air purge bulb.



Keep all parts of your body away from hot surfaces.



Choke, open position.



Choke, close position.

The blower can forcibly throw objects that can bounce back. This can result in serious eye injuries if the recommended safety equipment is not used.

The blower operator must make sure that no bystanders or animals come nearer than 15 meters. Whenever several operators are working in the same work area, they should maintain a safe distance of at least 15 meters from one another.

The rating plate shows the serial number. **yyyy** is the production year, **ww** is the production week and **xxxx** is the sequential number.

- the product is repaired with parts that are not from the manufacturer or not approved by the manufacturer.
- the product has an accessory that is not from the manufacturer or not approved by the manufacturer.
- the product is not repaired at an approved service center or by an approved authority.

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# Safety

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## Safety definitions

Warnings, cautions and notes are used to point out specially important parts of the manual.



**WARNING:** Used if there is a risk of injury or death for the operator or bystanders if the instructions in the manual are not obeyed.



**CAUTION:** Used if there is a risk of damage to the product, other materials or the adjacent area if the instructions in the manual are not obeyed.

**Note:** Used to give more information that is necessary in a given situation.

## General safety instructions



**WARNING:** Read the warning instructions that follow before you use the product.

- Under no circumstances may the design of the product be modified without the permission of the manufacturer. Always use genuine accessories. Non-authorized modifications and/or accessories can result in serious personal injury or the death of the operator or others.
  - Never use a product that has been modified in any way from its original specification.
  - Never use a product that is faulty. Carry out the safety checks, maintenance and service instructions described in this manual. Some maintenance and service measures must be carried out by trained and qualified specialists. Refer to *Maintenance schedule on page 11* for instructions.
  - All servicing and repair work on the product requires special training. This is especially true of the safety equipment. Never use a product with faulty safety equipment. If your product fails any of the checks described in this operator's manual you must contact your service agent. The safety equipment of the product must be maintained as described in this operator's manual. When you buy any of our products we guarantee the availability of professional repairs and service. If the retailer who sells your product is not a servicing dealer, ask him for the address of your nearest service agent.
- This product is a dangerous tool if used carelessly or incorrectly and can cause serious, even fatal injuries. It is extremely important that you read and understand the contents of this operator's manual.
  - Long-term exposure to noise can result in permanent hearing impairment. Always use approved hearing protection.
  - Do an overall inspection of the machine before use. Refer to *Maintenance schedule on page 11*.
  - Never use the machine if you are tired, if you have drunk alcohol, or if you are taking medication that could affect your vision, your judgement or your coordination.
  - Wear personal protective equipment. Refer to *Personal protective equipment on page 5*.
  - All covers and guards must be fitted before starting. Ensure that the spark plug cap and ignition lead are undamaged to avoid the risk of electric shock.
  - The blower operator must make sure that no bystanders or animals come nearer than 15 m. Whenever several operators are working in the same work area, they should maintain a safe distance of at least 15 m from one another.
  - Never allow children to operate the machine. Never allow anyone else to use the machine without first ensuring that they have read and understood the contents of the operator's manual.
  - Always check for any objects that may block the air intake screen before beginning work.
  - Never remove the air intake screen.
  - In case of emergency, release yourself from the machine by opening the waist and chest belt and let the machine fall backwards.
  - Always contact local authorities and make sure you are following applicable directives.
  - Keep all parts of your body away from hot surfaces.
  - Never start the machine indoors. Exhaust fumes can be dangerous if inhaled.
  - Observe and be aware of the surroundings. Ensure that no people or animals can come into contact with the product. If anyone approaches your work area, set the throttle control to the lowest throttle until the person is at a safe distance. Direct the product away from people, animals, play areas, open windows and cars etc. No unauthorised persons or animals may be present in the working area, which is 15 metres.
  - Overexposure to vibration can lead to circulatory damage or nerve damage in people who have impaired circulation. Contact your doctor if you experience symptoms of overexposure to vibration. Such symptoms include numbness, loss of feeling, tingling, pricking, pain, loss of strength, changes in skin colour or condition. These symptoms normally appear in the fingers, hands or wrists. The risk increases at low temperatures.

## Safety instructions for operation



**WARNING:** Read the warning instructions that follow before you use the product.

- Engine exhaust fumes contain carbon monoxide, which can cause carbon monoxide poisoning. For this reason you should not start or run the product indoors, or anywhere that is poorly ventilated. The exhaust fumes from the engine are hot and may contain sparks which can start a fire. Never start the product indoors or near combustible material.
- Allow the engine to cool before refueling.
- The powerful currents of air can move objects at such a speed that they can bounce back and cause serious eye injuries.
- Do not direct the air jet towards people or animals.
- Do not use the machine in bad weather, such as dense fog, heavy rain, strong wind, intense cold, etc. Working in bad weather is tiring and can lead to dangerous conditions, e.g. slippery surfaces.
- Minimize the time of operation by lightly wetting dusty areas or using spray equipment.
- Make sure you can move and stand safely. Check the area around you for possible obstacles (roots, rocks, branches, ditches, etc.) in case you have to move suddenly. Take great care when working on sloping ground.
- Never put the product down with the engine running unless you have it in clear sight.
- Never operate the product from ladders or high places (such as roofs), it is prohibited and could result in severe injury.
- Do not use the product unless you are able to call for help in the event of an accident.
- Watch out for thrown objects. Always wear eye protection. Stones, rubbish, etc. can be thrown up into the eyes causing blindness or serious injury. Keep unauthorised persons at a distance. Children, animals, onlookers and helpers should be kept outside the safety zone of 15 m. Stop the machine immediately if anyone approaches.
- Do not operate the product if the exhaust gas outlet on the engine cover is covered by a wall and/or some other obstacles. The product could get damaged. Make sure that the distance is 50 cm or more from the obstacles during operation.
- Always stop the engine before cleaning.
- Always move the product away from the refueling area and source before starting. Place the product on a flat surface.
- The product may only be started in its complete design. If the product is started without all the guards fitted there is a risk of personal injuries.

## Personal protective equipment

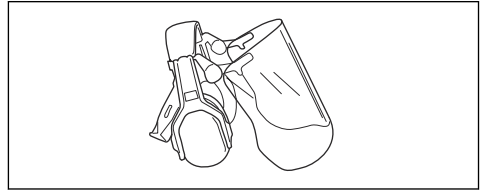


**WARNING:** Read the warning instructions that follow before you use the product.

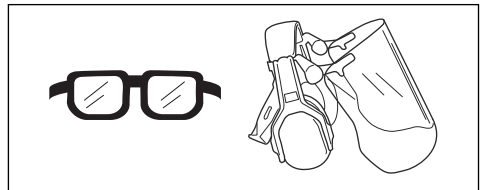
- Always use approved personal protective equipment when you use the product. Personal protective equipment cannot fully prevent injury but it

decreases the degree of injury if an accident does occur. Let your dealer help you select the right equipment.

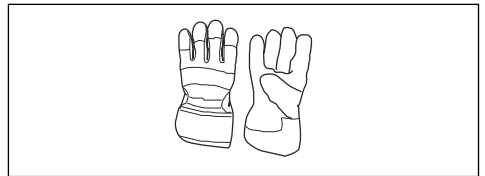
- Use approved hearing protection.



- Use approved eye protection. If you use a visor, you must also use approved protective goggles. Approved protective goggles must agree with the ANSI Z87.1 standard in the USA or EN 166 in EU countries.



- Use gloves when it is necessary, for example, when you examine or clean the product.

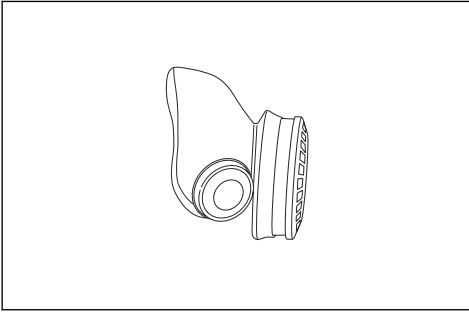


- Use protective boots, or shoes, with non-slip soles.



- Use clothing made of a strong fabric. Always use heavy, long pants and long sleeves. Do not use loose clothing that can catch on twigs and branches. Do not wear jewelry, short pants, open shoes or go with bare feet. Put your hair up safely above your shoulders.

- Use breathing protection when there is a risk of dust.



- Keep first aid equipment close at hand.



### Safety devices on the product



**WARNING:** Read the warning instructions that follow before you use the product.

In this section the product's safety features, its purpose and how checks and maintenance should be carried out to ensure that it operates correctly. See instructions under the heading *Product overview on page 2* to find where these parts are located on your product.

The life span of the product can be reduced and the risk of accidents can increase if product maintenance is not carried out correctly and if service and/or repairs are not carried out professionally. If you need further information please contact your nearest servicing dealer.



**WARNING:** Never use a product with defective safety components. The product's safety equipment must be inspected and maintained as described in this section. If your product fails any of these checks, contact your service agent to get it repaired.



**CAUTION:** All servicing and repair work on the machine requires special training. This is especially true of the machine's safety equipment. If your machine fails any of the checks described below you must contact your service agent. When you buy any of our products we guarantee the availability of professional repairs and service. If the retailer who sells your machine is not a servicing dealer, ask him for the address of your nearest service agent.

### To do a check of the muffler



**WARNING:** Do not use a product with a defective muffler.



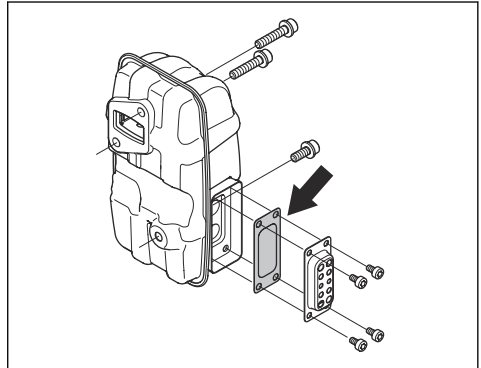
**WARNING:** The muffler becomes very hot during and after operation, also at idle speed. Use protective gloves to prevent burn injuries.

The muffler keeps noise levels to a minimum and sends exhaust fumes away from the operator.

1. Stop the engine.
2. Do a visual check for damage and deformation.

**Note:** The inner surfaces of the muffler contain chemicals that can cause cancer. Be careful not to touch these elements if the muffler is damaged.

3. Make sure that the muffler is correctly attached to the product. Tighten the screws to 8-12 Nm.

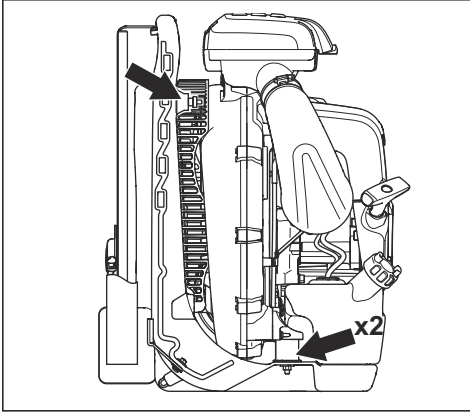


4. Examine the spark arrester screen, do a visual check.
  - a) Replace the spark arrester screen if it is damaged.
  - b) Clean the spark arrester screen if it is blocked. Refer to *To do maintenance of the muffler on page 12* for more information.

### Vibration damping system

The product has a vibration damping system that decreases vibrations and makes operation easier. Examine the vibration damping system and make sure

that it is not damaged. Make sure that the vibration damping system is attached correctly.

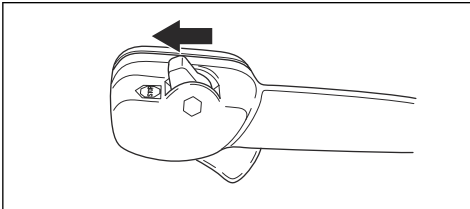


### Air filter

Do not use the product without an air filter or if the air filter is damaged or has a deformation.

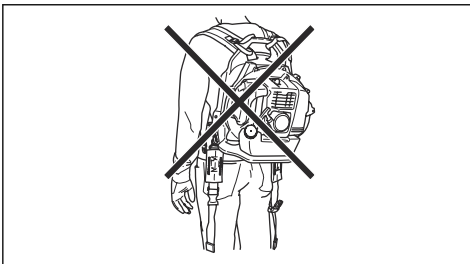
### Stop switch

Use the stop switch to stop the engine. Make sure that the engine stops fully.



### Harness safety

Always use the harness when you operate the product. If you do not use the harness, you cannot operate the product safely. This can result in injury to you or other persons. Make sure that the waist belt and chest strap are attached and correctly adjusted. There is a risk that an open belt can go into the fan of the product.



## Fuel safety



**WARNING:** Read the warning instructions that follow before you use the product.

- Do not mix the fuel indoor or near a heat source.
- Do not start the product if there is fuel or engine oil on the product. Remove the unwanted fuel/oil and let the product dry. Remove unwanted fuel from the product.
- If you spill fuel on your clothing, change clothing immediately.
- Do not get fuel on your body, it can cause injury. If you get fuel on your body, use a soap and water to remove the fuel.
- Do not start the engine if you spill oil or fuel on the product or on your body.
- Do not start the product if the engine has a leak. Examine the engine for leaks regularly.
- Be careful with fuel. Fuel is flammable and the fumes are explosive and can cause injuries or death.
- Do not breathe in the fuel fumes, it can cause injury. Make sure that there is a sufficient airflow.
- Do not smoke near the fuel or the engine.
- Do not put warm objects near the fuel or the engine.
- Do not add the fuel when the engine is on.
- Make sure that the engine is cool before you refuel.
- Before you refuel, open the fuel tank cap slowly and release the pressure carefully.
- Do not add fuel to the engine in an indoor area. Not sufficient airflow can cause injury or death because of asphyxiation or carbon monoxide.
- Tighten the fuel tank cap carefully or a fire can occur.
- Move the product at a minimum of 3 m (10 ft) from the position where you filled the tank before a start.
- Do not put too much fuel in the fuel tank.
- Make sure that a leak cannot occur when you move the product or fuel container.
- Do not put the product or a fuel container where there is an open flame, spark or pilot light. Make sure that the storage area does not contain an open flame.
- Only use approved containers when you move the fuel or put the fuel into storage.
- Empty the fuel tank before long-term storage. Obey the local law on where to dispose fuel.
- Clean the product before long-term storage.
- Remove the spark plug cap before you put the product into storage to make sure that the engine does not start accidentally.

## Safety instructions for maintenance



**WARNING:** Read the warning instructions that follow before you use the product.

- Your warranty may not cover damage or liability caused by the use of non-authorized accessories or replacement parts.

## Assembly

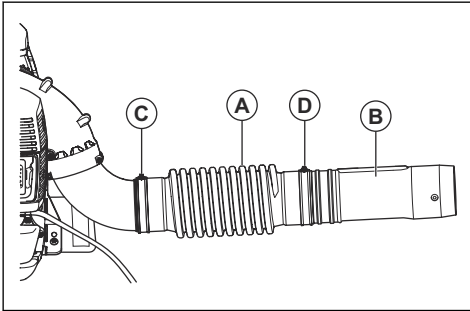
### Introduction



**WARNING:** Read and understand the safety chapter before you assemble the product.

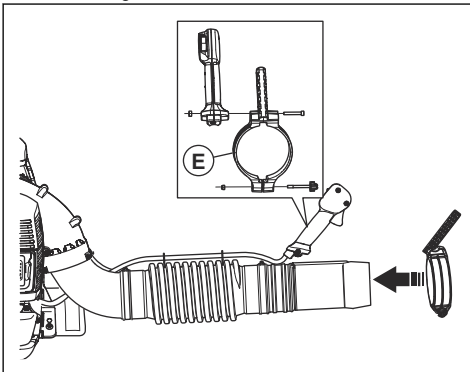
### To assemble the tube and handle on the product

- Attach the flexible hose (A) to the pipe angle and the control pipe (B) with the clamps (C), (D).



**Note:** Lubricate the control pipe and the flexible hose to make them more easy to assemble.

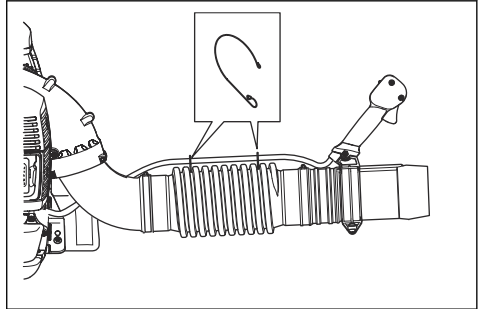
- Attach the handle (E) to the control pipe and put the knob through the handle.



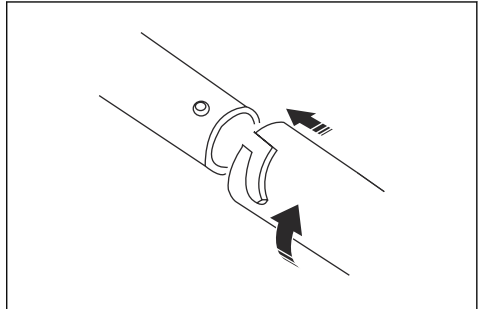
- The inside of the muffler contains chemicals that may be carcinogenic. Avoid contact with these elements in the event of a damaged muffler.
- Stop the engine before assembling or dismantling accessories or other parts.
- Check that the thick round pin in the clamp is inserted in the strap. If it is inserted incorrectly it may lead to personal injury.

- Tighten the knob.

- Attach the cable to the flexible hose with the cable clamp.



- Attach the intermediate pipe to the control pipe.



- Attach the blower nozzle to the intermediate pipe.

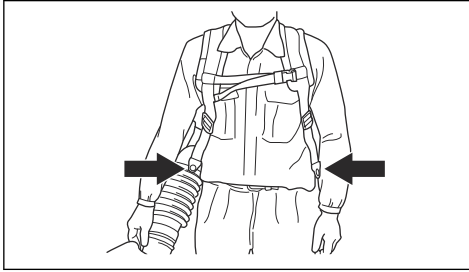
### To adjust the harness

A correctly adjusted harness and product makes operation easier.

- Put on the harness of the product.



2. Tighten the side straps until the product is tight against your body.



3. Connect the chest strap to the clip.
4. Tighten the strap.

## Operation

### Introduction



**WARNING:** Read and understand the safety chapter before you use the product.

### Fuel

#### To use fuel



**CAUTION:** This product has a two-stroke engine. Use a mixture of gasoline and two-stroke engine oil. Make sure to use the correct quantity of oil in the mixture. Incorrect ratio of gasoline and oil can cause damage to the engine.

#### Husqvarna alkylate fuel



**CAUTION:** Do not use gasoline with an octane number less than 90 RON (87 AKI). This can cause damage to the product.



**CAUTION:** Do not use gasoline with more than 10% ethanol concentration (E10). This can cause damage to the product.



**CAUTION:** Do not use leaded gasoline. This can cause damage to the product.

We recommend Husqvarna alkylate fuel for best performance. This fuel gives less dangerous exhaust fumes compared to regular fuel. It keeps the engine clean and increases the engine life. Husqvarna alkylate fuel is not available in all commercial areas.

- Always use new unleaded gasoline with a minimum octane number of 90 RON (87 AKI) and with less than 10% ethanol concentration (E10).

- Use gasoline with a higher octane number if you frequently use the product at continuously high engine speed.
- Always use a good quality unleaded gasoline/oil mixture.

#### Two-stroke oil

- For best results and performance use Husqvarna two-stroke oil, which is specially formulated for our two-stroke engines.
- If Husqvarna two-stroke oil is not available, you may use another two-stroke oil of good quality that is intended for air cooled engines. Contact your dealer when you select an oil.
- Do not use two-stroke oil intended for water-cooled outboard engines, also referred to as outboard oil.
- Do not use oil intended for four-stroke engines.

Gasoline, litre	Two-stroke oil, litre
	<b>2% (50:1)</b>
5	0.10
10	0.20
15	0.30
20	0.40

#### To make the fuel mixture

**Note:** Always use a clean fuel container when you mix the fuel.

**Note:** Do not make more than 30 days quantity of fuel mixture.

1. Add half of the gasoline quantity.
2. Add the full quantity of oil.
3. Shake the fuel mixture to mix the contents.
4. Add the remaining gasoline quantity.

5. Shake the fuel mixture to mix the contents.
6. Fill the fuel tank.

### To add fuel

- Always use a fuel container with an antispill valve.
- If there is some fuel on the container, remove the unwanted fuel and let the container dry.
- Make sure that the area near the fuel tank cap is clean.
- Shake the fuel container before you add the fuel mixture to the fuel tank.

### To add fuel to the fuel tank

1. Stop the product.
2. Put the product on a flat surface.
3. Loosen the fuel tank cap to release the pressure in the fuel tank.
4. Remove the fuel tank cap.
5. Fill the fuel tank to 80%.
6. Tighten the fuel tank cap fully.
7. Make sure that there is no leak in the fuel tank.

### Before you operate the product



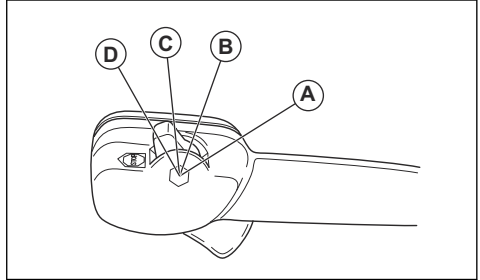
**WARNING:** Read the safety instructions before you operate the product.

- Use the blower with the lowest possible throttle. A lower throttle means less noise and less dust, and it is also easier to keep control over the rubbish collected together/moved. Use a rake or a brush to release rubbish stuck to the ground.
- Hold the opening of the blower as close to the ground as possible. Utilize the entire length of the blow pipe to keep the air current close to the ground. Clean up afterwards. Make sure that you have not blown rubbish into someone's garden. Operate power equipment only at reasonable hours, not early in the morning or late at night when people might be disturbed. Comply with times listed in local ordinances.
- This blower is a backpack type, and is carried using a shoulder harness while operating. It is operated and controlled with the handle on the tube using the right hand.
- The speed of the air jet is regulated by means of the throttle. Select the speed best suited for respective tasks.
- Check that the air intake is not blocked, for example, by leaves or rubbish. A clogged air intake reduces the machine's blowing capacity and increases the engine's working temperature, which can result in engine failure. Stop the engine and remove the object.
- Be aware of the wind direction. Work with the wind to make your work easier.

- Using the blower to move large piles is time consuming and creates unnecessary noise.
- Keep a good balance and a firm foothold.
- When work is finished the machine should be stored vertically.

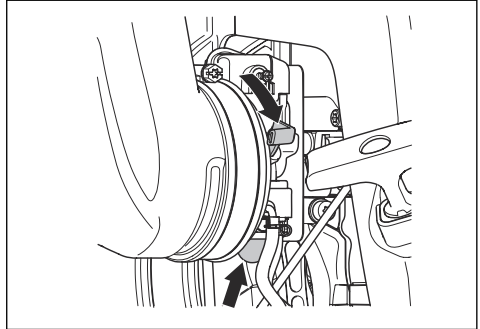
### To operate the throttle switch

- Apply full throttle (A).
- Apply 1/3 speed (B).
- Apply idle speed (C).
- Stop the product with the stop switch (D).



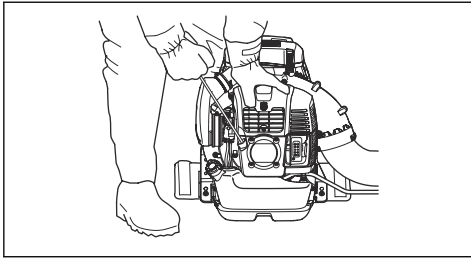
### To start the product

1. If the engine is cold, push the choke lever to the closed choke position.



2. Push the air purge bulb again and again until fuel starts to fill the air purge bulb. It is not necessary to fill the air purge bulb fully.
3. Push the throttle lever to the 1/3 speed position. Refer to *To operate the throttle switch on page 10*.
4. Put the product on a flat surface on the ground.

5. Hold the product with the left hand.



6. Put your right foot on the frame.  
 7. Pull the starter rope handle slowly until resistance occurs.  
 8. Pull the starter rope handle quickly with the right hand until the engine starts or attempts to start, maximum 10 times. If the engine starts, move the choke lever gradually to the open position.

**Note:** Do not pull the starter rope handle to full extension and do not let go of the starter rope handle.

9. Move the choke lever to the open choke position until the choke lever stops.

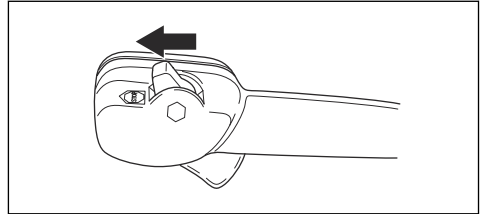
10. Pull the starter rope handle repeatedly until the engine starts and continues to run.  
 11. If the engine does not start, do step 1 to step 10 again.  
 12. Let the engine run for 2-3 minutes to become warm before operation.

## To stop the product



**CAUTION:** Do not stop the product at full speed.

1. Push the throttle lever to the stop position.



## Maintenance

### Introduction



**WARNING:** Read and understand the safety chapter before you do maintenance on the product.

### Maintenance schedule

Maintenance	Daily	Weekly	Monthly
Clean the external surface.	X		
Make sure that the throttle control operates correctly.	X		
Make sure that the stop switch operates correctly.	X		
Do a check of the stop switch, refer to <i>To stop the product on page 11.</i>	X		
Examine the engine, the fuel tank and the fuel lines for leaks.	X		
Clean the air filter. Replace if it is necessary.	X		
Tighten nuts and screws.	X		
Examine the fuel filter for contamination and the fuel hose for cracks and other defects. Replace if it is necessary.	X		
Examine the air intake and make sure that it is not blocked.	X		
Examine the starter and the starter rope for damages.		X	
Examine the vibration damping units for damages and cracks.		X	

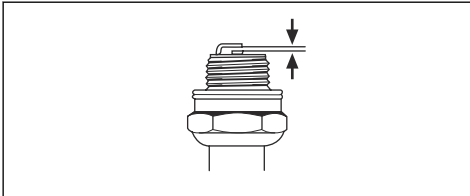
Maintenance	Daily	Weekly	Monthly
Examine the spark plug, refer to <i>To do a check of the spark plug on page 12.</i>		X	
Clean the cooling system.		X	
Clean the external surface of the carburetor and the area around it.		X	
Clean the fuel tank.			X
Examine all cables and connections.			X
Examine and clean the spark arrester screen on the muffler.			X
Replace the spark plug. Make sure it is attached with a supressor.			X

## To do a check of the spark plug



**CAUTION:** Use the recommended spark plug. Refer to *Technical data on page 15.* An incorrect spark plug can cause damage to the product.

- If the product is not easy to start or to operate or if the product operates incorrectly at idle speed, examine the spark plug for unwanted materials. To decrease the risk of unwanted material on the spark plug electrodes, do these steps:
  - make sure that the idle speed is correctly adjusted.
  - make sure that the fuel mixture is correct.
  - make sure that the air filter is clean.
- Clean the spark plug if it is dirty.
- Make sure that the electrode gap is correct. Refer to, *Technical data on page 15.*



- Replace the spark plug monthly or more frequently if necessary.

## To clean the cooling system



**CAUTION:** A dirty or blocked cooling system can make the product too hot, which can cause damage to the product.

The cooling system includes the cooling fins on the cylinder and the air intake screen.

- Make sure that the cooling system is not dirty or blocked.
- Clean the cooling system with a brush weekly or more frequently if it is necessary.

## To do maintenance of the muffler

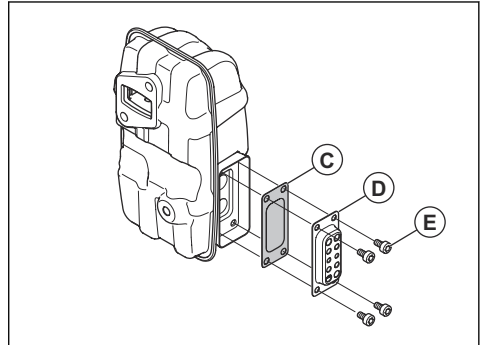


**WARNING:** Do not use a product with a defective muffler.



**WARNING:** The mufflers become very hot during and after operation, also at idle speed. Use protective gloves to prevent burn injuries.

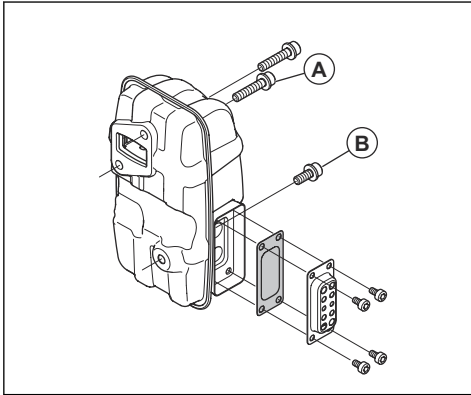
- Stop the engine and let the muffler become cool.
- Replace the spark arrester screen if it is damaged.
- Remove the screws (E) and remove the exhaust duct (D).



**Note:** The inner surfaces of the muffler contain chemicals that can cause cancer. Be careful not to touch these elements if the muffler is damaged.

- Remove the spark arrester screen (C) and clean it with a wire brush. Remove dirt from the inlet and outlet of the muffler with the wire brush. Also, remove dirt from the exhaust port of the cylinder with the wire brush.
- Attach the spark arrester screen (C) and the exhaust duct (D) with the screws (E). Tighten the screws to 2-3 Nm.

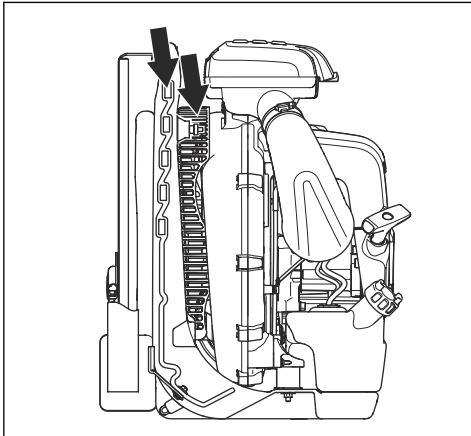
6. Make sure that the muffler is correctly attached to the product. Tighten the screws (A) and (B) to 8-12 Nm.



## To examine the air intake screen

A clogged air intake screen decreases the blow force and increases the temperature of the engine. An increased temperature can result in engine failure.

1. Stop the engine.
2. Examine the air intake screen for damages and make sure that it is attached correctly.

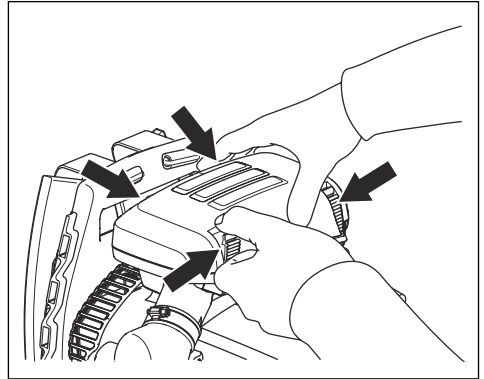


3. Remove dirt, leaves and unwanted materials from the air intake screen.

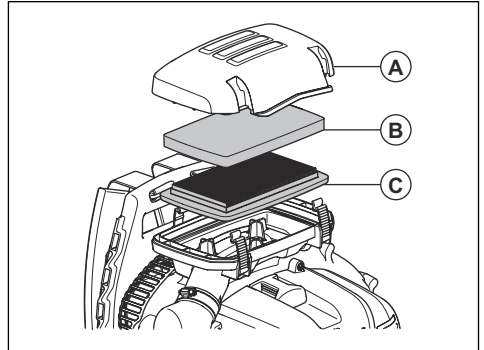
## To clean the air filter

Clean the air filter regularly from dirt and dust. This prevents carburetor malfunctions, starting problems, loss of engine power, wear to engine parts and more fuel consumption than usual. Clean the air filter at an interval of 40 hours of operation or less if it is heavy operation conditions.

1. Loosen the fasteners that holds the air filter cover in position.



2. Remove the air filter cover (A).



3. Remove the foam filter (B) and the paper filter (C) from the filter frame.
4. Replace the paper filter (C).
5. Clean the foam filter (B) with warm soap water.

**Note:** An air filter that is used for a long time can not be fully cleaned. Replace the air filter regularly and always replace a defective air filter.

6. Make sure that the foam filter (B) is dry.
7. Clean the inner surface of the air filter cover with a brush (A).

## To replace the harness



**WARNING:** A damaged harness can make the product fall and cause injuries.

1. Stop the engine.
2. Remove the clamp from the strap.
3. Push the end of the strap through the hanger.
4. Pull the new strap through the hanger.

5. Attach the clamp to the new strap.

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## Transportation and storage

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### Transportation and storage

- For storage and transportation of the product and fuel, make sure that there are no leaks or fumes. Sparks or open flames, for example from electrical devices or boilers, can start a fire.
- Always use approved containers for storage and transportation of fuel.
- Empty the fuel tank before transportation or before long-term storage. Push the air purge bulb to make sure that all fuel is removed. Discard the fuel at an applicable disposal location.
- Make sure that the product is clean and that a complete service is done before long time storage.
- Remove the spark plug and put approximately 15 ml of two-stroke oil into the cylinder. Turn the product 3 times and attach the spark plug again.
- Attach the product safely during transportation.

## Technical data

### Technical data

	580BTS Mark II
<b>Engine</b>	
Cylinder displacement, cm <sup>3</sup>	75.6
Idle speed, rpm	2000
Catalytic converter muffler	No
Speed-regulated ignition system	Yes
<b>Ignition system<sup>1</sup></b>	
Spark plug	NGK CMR7H
Electrode gap, mm	0.6-0.7
<b>Fuel and lubrication system</b>	
Fuel tank capacity, l	2.6
<b>Weight</b>	
Weight, kg	11.9
<b>Sound levels<sup>2</sup></b>	
Equivalent sound pressure level at the operator's ear, measured according to ISO 22868:2011, dB(A)	104
<b>Vibration levels<sup>3</sup></b>	
Equivalent vibration levels ( $a_{hveq}$ ) at handles, measured according to ISO 22867:2011, m/s <sup>2</sup>	2.2
<b>Fan performance</b>	
Maximum air velocity with standard nozzle, m/s	92
Air flow with standard nozzle, m <sup>3</sup> /m	27

<sup>1</sup> The spark ignition system complies with the Canadian ICES-002 standard.

<sup>2</sup> The equivalent sound pressure level is calculated with a work cycle of a duration of 1/7 for idling and 6/7 for racing. Reported data for equivalent sound pressure level has a typical statistical dispersion (standard deviation) of 1 dB (A).

<sup>3</sup> The equivalent vibration level value is calculated with a work cycle of a duration of 1/7 for idling and 6/7 for racing. Reported data for equivalent vibration level has a typical statistical dispersion (standard deviation) of 1 m/s<sup>2</sup>.

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# Warranty

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## Limited Warranty

Should any failure occur on the product under normal operating conditions within the applicable warranty period, the failed part will be replaced or repaired free of charge by a Husqvarna authorized dealer.

**WARRANTY PERIOD:** Six (6) months after purchased by end-user subject to 12 months from produced month. (30 days if used for rental purpose)

THE PURCHASER SHALL BEAR COSTS OF TRANSPORTING THE UNIT TO AND FROM THE Husqvarna DEALER.

THE PURCHASER SHALL NOT BE CHARGED FOR DIAGNOSTIC LABOR WHICH LEADS TO THE DETERMINATION THAT A WARRANTED PART IS DEFECTIVE, IF THE DIAGNOSTIC WORK IS PERFORMED AT THE Husqvarna DEALER.

THE PURCHASER OR OWNER IS RESPONSIBLE FOR THE PERFORMANCE OF THE REQUIRED MAINTENANCE AS DEFINED BY THE MANUFACTURER IN THE OWNER/OPERATOR MANUAL.

ANY WARRANTED PART WHICH IS NOT SCHEDULED FOR REPLACEMENT AS REQUIRED MAINTENANCE, OR WHICH IS SCHEDULED ONLY FOR REGULAR INSPECTION TO THE EFFECT OF REPAIR OR "REPLACE AS NECESSARY" SHALL BE WARRANTED FOR THE WARRANTY PERIOD. ANY WARRANTED PART WHICH IS SCHEDULED FOR REPLACEMENT AS REQUIRED MAINTENANCE SHALL BE WARRANTED FOR THE PERIOD OF TIME UP TO THE FIRST SCHEDULED REPLACEMENT POINT FOR THE PART.

ANY REPLACEMENT PART THAT IS EQUIVALENT IN PERFORMANCE AND DURABILITY MAY BE USED IN NON-WARRANTY MAINTENANCE OR REPAIRS, AND SHALL NOT REDUCE THE WARRANTY OBLIGATION OF THE COMPANY.

THE COMPANY IS LIABLE FOR DAMAGES TO OTHER ENGINE COMPONENTS CAUSED BY THE FAILURE OF A WARRANTED PART STILL UNDER WARRANTY.

**THE WARRANTY DOES NOT APPLY TO** THOSE UNITS WHICH HAVE BEEN DAMAGED BY NEGLIGENCE OF INSTRUCTION LISTED IN THE OWNER/OPERATOR MANUAL FOR PROPER USE AND MAINTENANCE OF THE UNITS ACCIDENT MISHANDLING, ALTERATION, ABUSE, IM PROPER LUBRICATION, USE OF ANY PARTS OR ACCESSORIES OTHER THAN THOSE SPECIFIED BY THE COMPANY, OR OTHER CAUSES BEYOND THE COMPANY'S CONTROL.

**THIS WARRANTY DOES NOT COVER** THOSE PARTS REPLACED BY NORMAL WEAR OR HARMLESS CHANGES IN THEIR APPEARANCE.

**THERE ARE NO OTHER EXPRESS WARRANTIES.**

**ANY IMPLIED WARRANTY** is limited to the duration of the limited warranty. Otherwise, this limited warranty is in lieu of all other expressed or implied warranties, including any warranty of **FITNESS FOR A PARTICULAR PURPOSE OR USE** and any implied warranty **MERCHANTABILITY** otherwise applicable to this product.

**LIABILITIES FOR INCIDENTAL OR CONSEQUENTIAL DAMAGE UNDER ANY AND ALL WARRANTIES ARE EXCLUDED.**

IF YOU NEED TO OBTAIN MORE INFORMATION, PLEASE CALL YOUR NEAREST SERVICE CENTER, OR PLEASE CHECK Husqvarna WEB SITE.  
[www.husqvarna.com](http://www.husqvarna.com)



# 内容

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安装.....	22	技术参数.....	28
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# 简介

## 产品说明

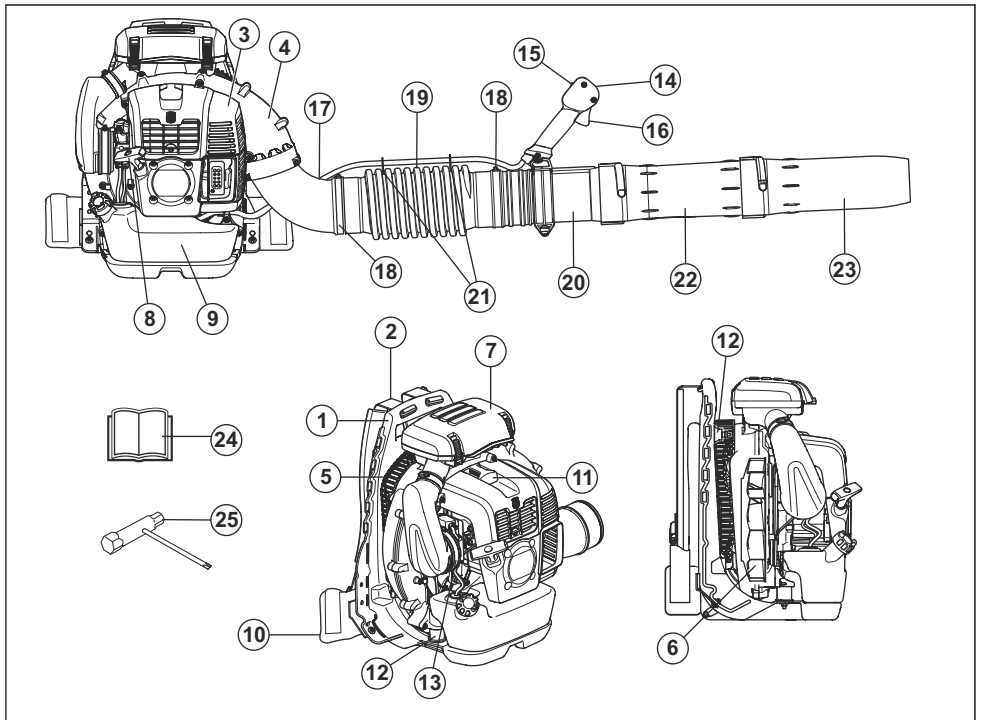
本产品为配有燃油引擎的背负式吹风机。

连续开发产品是我们的政策，因此我们保留修改产品设计和外观的权利，恕不事先通知。

## 预期用途

使用本产品吹扫草坪、人行道和沥青路面等区域中的树叶和其他异物。

## 产品概览



- |          |           |
|----------|-----------|
| 1. 机架    | 8. 启动绳把手  |
| 2. 背带    | 9. 燃油箱    |
| 3. 引擎盖   | 10. 腰带    |
| 4. 风扇室   | 11. 火花塞   |
| 5. 进气栅网  | 12. 防振系统  |
| 6. 风扇    | 13. 阻气门开关 |
| 7. 空气滤清器 | 14. 手柄    |

15. 具有油门位置调节功能的停止开关
16. 油门扳机
17. 弯管
18. 卡箍
19. 挠性软管
20. 控制管
21. 线夹
22. 联接管
23. 吹风机喷嘴
24. 说明书
25. 组合扳手



请使用获得批准的保护手套。



加注燃油。



注油泵球囊。



使您的身体部位远离发热表面。



阻气门，打开位置。



阻气门，关闭位置。

## 本产品上的符号



**警告！**本产品非常危险。如果粗心大意或不正确地使用本产品，可能会导致操作人员或旁观者受伤甚至死亡。为防止伤害操作人员或旁观者，请仔细阅读并遵守说明书中的所有安全须知。



请认真阅读本说明书，确保在充分理解各项说明之后再使用本产品。



请使用获得批准的听觉和眼睛保护装备。如果环境含有灰尘，请佩戴呼吸面罩。



yyyywwxxxxx

吹风机将以很大的力量抛出可能反弹回来的物体。如果未使用建议的安全设备则可能会导致眼部严重受伤。

吹风机操作员必须确保 15 米范围内无任何旁观者或动物。当多名操作员在同一工作区域工作时，他们相互之间应保持至少 15 米的安全距离。

铭牌上显示序列号。yyyy 是生产年份，ww 是生产周，xxxxx 是序列号。

**注意：**产品上的其他符号/标识涉及其他商用领域的认证要求。

## 产品责任

如产品责任法律中所引用的，在以下情况下，我们对我们的产品所导致的损坏不承担责任：

- 未正确修理产品。
- 使用并非来自制造商或者未获得制造商批准的零部件修理产品。
- 产品具有并非来自制造商或者未获得制造商批准的附件。
- 未在获得批准的服务中心修理产品，或者并非由获得批准的机构修理产品。

## 安全性

### 安全定义

本手册使用了“警告”、“小心”和“注意”来指出特别重要的内容。



**警告：**当不遵守手册中的说明可能会给操作员或周围人员带来伤害或死亡风险时，会使用此标志。



**小心：**当不遵守手册中的说明可能会对产品、其他材料或附近区域造成损坏时，会使用此标志。

**注意：**用于提供特定状况下所需的更多信息。

## 一般安全须知



**警告：**请在使用本产品前阅读下面的警告说明。

- 任何情况下，未经制造厂的许可，不得修改本产品的设计。务必使用原厂附件。未经许可擅自修改，或使用未经认可的附件，可能会对操作员或其他人员造成严重的伤害或死亡。
- 切勿使用曾对原规格进行任何改动的本产品。
- 禁止使用有故障的产品。按照本手册中的说明进行安全检查、维修和保养。部分维修和保养措施必须由受过培训并有相应资质的专家进行。有关说明，请参阅*维护时间表*在*第 25 页*上。
- 本产品的保养和维修工作必须由经过专门培训的人员执行。对于安全装备来说尤其如此。不得使用安全设备有故障的产品。如果您购买的产品在检修过程中出现本说明书中所述的故障，您必须与保养厂联络。必须按照本说明书中的说明维护本产品的安全装备。如果您购买我们的产品，我们承诺提供专业的修理和保养。如果出售本产品的零售商不是保养代理商，应向他咨询离您最近的保养厂的地址。

## 操作安全须知



**警告：**请在使用本产品前阅读下面的警告说明。

- 本产品是一种有危险的工具！不小心或不正确使用会造成严重甚至致命伤害。阅读并且理解本《操作手册》的内容极其重要。
- 长期接触噪音会导致永久性听力损伤。请务必使用检验合格的听觉保护设备。
- 使用之前对机器进行整体检查，请参阅*维护时间表*在*第 25 页*上。
- 感到疲劳、曾经饮酒，或曾服用影响视力、判断力或协调能力的药物时，请勿操作本机。
- 请使用个人防护装备。请参阅*个人防护装备*在*第 19 页*上。
- 启动前必须安装好所有的盖子和防护罩。确保火花塞线圈帽和点火器导线未受损，以免出现电击风险。
- 吹风机操作员必须确保 15 米范围内无任何旁观者或动物。当多名操作员在同一工作区域工作时，相互之间应保持至少 15 米的安全距离。
- 千万不要让儿童操作机器。在事先未确定其他人是否阅读和了解了本操作手册的内容之前，禁止其使用本机。
- 开始工作前，务必检查有无任何可能堵塞进气栅网的物体。
- 切勿拆下进气栅网。

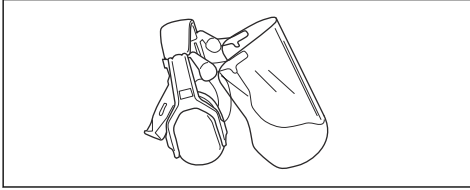
- 在紧急情况下，解开腰带和胸带可离开机器并让机器向后落下。
- 请与当地有关当局联络，并确定您遵循相关的规定。
- 使您的身体部位远离发热表面。
- 不得在室内启动本机。吸入废气有危险。
- 观察并注意周围环境。确保人员或动物不会接触本产品。如果有人靠近您的工作区域，应将油门控制设置到最低油门，直到该人处于安全距离为止。本产品应远离人员、动物、游乐场地、敞开的窗户和汽车等物体。未经授权人员或动物不得进入 15 米范围内的工作区域。
- 血液循环不佳的人受到过度振动时，可能会导致循环系统或神经伤害。如果您因过度振动而引起以下症状，请自行就医。例如：麻痹、感觉麻木、发痒、刺痛、痛楚、体力缺乏、肤色或身体状况发生变化。这些症状通常出现在手指、双手或手腕上。低温情况下，这种危险会增加。
- 引擎废气中含有一氧化碳，会导致一氧化碳中毒。因此，不应在室内或通风不佳的任何地方启动或运行本产品。引擎的废气很热，并可能带有火花，从而引发火灾。切勿在室内或易燃材料附近启动本产品。
- 加油前先让引擎冷却。
- 强大的气流会使物体以可以弹回的速度移动并导致严重的眼睛受伤。
- 请勿将空气喷嘴正对人或动物。
- 避免在不良的天气情况下使用本机，例如浓雾、大雨、强风或是严寒等。在天气不良的情况下工作容易让人疲倦，更可能造成危险状况，例如容易滑倒的地面。
- 轻微湿润多尘区域或使用喷洒设备可最大限度减少操作时间。
- 确保您可以安全地移动与站立。检查您的周围区域是否存在障碍物（树根、岩石、树枝、沟渠等），以免您突然移动。在倾斜地面上工作时，要特别小心。
- 切勿在引擎运转的情况下放下本产品，除非是放在您可以清楚看到的位置。
- 切勿在梯子上或在较高的地方（如屋顶）操作本产品，禁止如此操作，否则可能导致严重伤害。
- 如果发生事故时无法求救，请勿使用本产品。
- 注意抛掷物。始终佩戴眼部保护设备。石头、垃圾等会抛入眼中，导致失明或严重伤害。未经授权的人员不得靠近。儿童、动物、围观者和助手应位于 15 米外的安全区域中。如果有人进入则应立即关闭机器。
- 如果引擎盖上的排气出口被墙壁和/或一些其他障碍物所遮盖，请勿操作本产品。可能会损坏产品。在操作过程中，请确保与障碍物至少相距 50 cm。
- 在清洁之前务必停止引擎运行。
- 务必将本产品移离加油区和加油站之后才可启动。将本产品置于平坦表面上。
- 只可在按照设计配备全套部件的情况下启动本产品。如果在未安装所有防护罩的情况下启动本产品，则存在导致人身伤害的风险。

## 个人防护装备

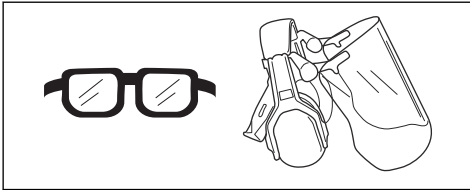


**警告：**请在使用本产品前阅读下面的警告说明。

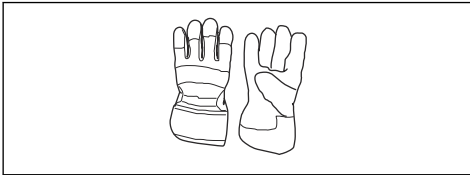
- 操作产品时务必使用获得批准的个人防护装备。个人防护装备不能完全避免受伤，但当意外发生时，可降低伤害程度。请经经销商协助您选择正确的防护装备。
- 请使用获得批准的听觉保护设备。



- 请使用获得批准的眼部保护装备。如果佩戴面罩，必须同时佩戴获得批准的护目镜。在美国，经认证批准的护目镜必须符合 ANSI Z87.1 标准；在欧盟国家/地区，必须符合 EN 166。



- 必要时戴上手套，例如在检查或清洁本产品时。

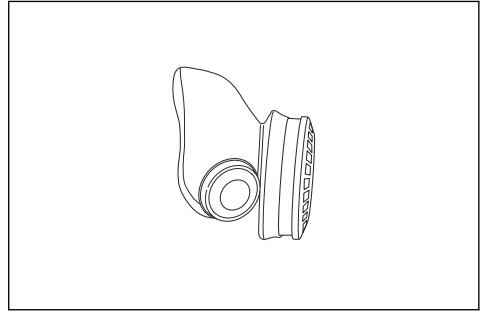


- 穿上带有防滑鞋底的防护靴或安全鞋。

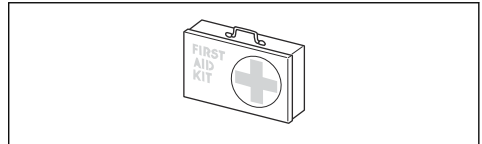


- 穿着高强度纤维制成的衣物。务必穿着结实的长裤和长袖衣服。切勿穿着容易钩住小树枝和分枝的衣物。切勿佩戴珠宝，穿着短裤、凉鞋或光脚。确保头发安全地挽在肩部以上的位置。

- 存在粉尘风险时，请佩戴呼吸防护装置。



- 确保急救箱触手可及。



## 产品上的安全装置



**警告：** 请在使用该产品前阅读下面的警告说明。

本节介绍产品的安全功能及其用途，并说明如何进行检查和维护，以确保产品正常运转。有关这些零件在产品上的位置，请参阅 *产品概览* 在第 17 页上一节的说明。

如果产品维护不当或由非专业人士进行保养和/或维修，产品的使用寿命会缩短，发生意外的风险会增加。欲知更多详情请联系距您最近的保养代理商。



**警告：** 不得使用安全组件存在缺陷的产品。产品的安全装备必须按照本节说明进行检查和维护。如果您的产品未通过这些检查中的任何一项，请联系您的保养厂对其进行维修。



**小心：** 本机的保养和维修必须经过专门培训。对于本机的安全设备来说尤其如此。如果在检修过程中出现下述的故障，应与保养厂联络。如果您购买我们的产品，我们承诺提供专业的修理和保养。如果出售本机的零售商不是保养商，应向他咨询离您最近的保养厂的地址。

## 检查消音器



**警告：** 切勿使用消音器存在故障的产品。



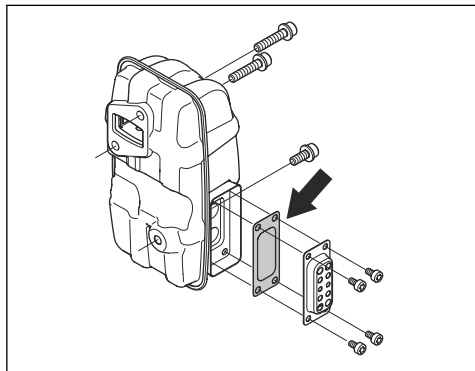
**警告：**消音器在操作期间和操作后，以及在急速时会变得非常滚烫。戴上保护手套以防止灼伤。

消音器用于最大程度降低噪音级并将引擎的废气导离操作人员。

1. 将引擎熄火。
2. 目视检查是否存在损坏和变形。

**注意：**消音器的内表面包含可致癌的化学物质。如果消音器已损坏，请注意不要触碰这些物质。

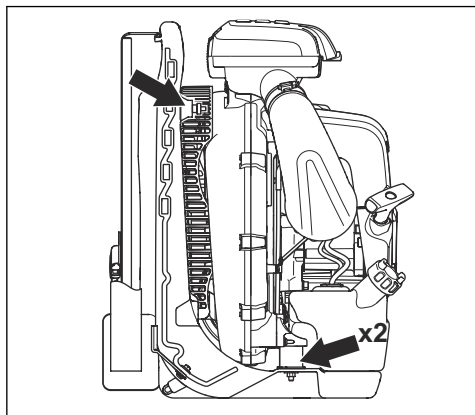
3. 确保消音器已正确安装在本产品上。将螺丝上紧至 8-12 Nm。



4. 检查火花消除丝网，进行目视检查。
  - a) 更换损坏的火花消除丝网。
  - b) 火花消除丝网如堵塞，应予以清洁。请参阅对消音器进行维护在第 26 页上以获取更多信息。

### 防振系统

本产品配备有防振系统，用于减少振动，使操作更加轻松。检查防振系统并确保其未损坏。确保防振系统已正确固定。

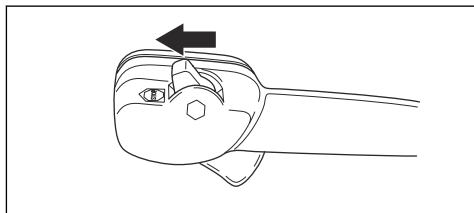


### 空气滤清器

如果没有空气滤清器或空气滤清器损坏或变形，请勿使用本产品。

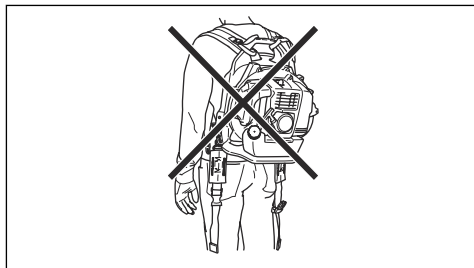
### 停止开关

使用停止开关将引擎熄火。确保引擎完全停止。



### 背带安全

操作产品时，务必使用此背带。如果不使用线束，则无法安全地操作本产品。这可能会对您或其他人员造成伤害。确保腰带和胸带已固定并调整得当。未固定的带子有可能会被吸进本产品的风箱中。



### 燃油安全须知



**警告：**请在使用本产品前阅读下面的警告说明。

- 切勿在室内或热源附近混合燃油。
- 如果产品上沾染燃油或引擎机油，切勿启动产品。去除多余的燃油/机油，使产品保持干燥。去除产品上多余的燃油。
- 如果燃油溅到衣物上，请立即更换衣物。
- 切勿使身体沾染上燃油，否则可能会导致伤害。如果身体沾染上燃油，应使用肥皂和水去除燃油。
- 如果产品或身体溅上机油或燃油，切勿启动引擎。
- 如果引擎发生泄漏，切勿启动产品。定期检查引擎是否有泄漏。
- 请小心处理燃油。燃油易燃，油烟具有爆炸性，并且可能导致伤害或死亡。
- 切勿吸入油烟，它可能导致伤害。确保充分通风。
- 切勿在燃油或引擎附近吸烟。
- 切勿在燃油或引擎附近放置高温物体。
- 切勿在引擎运转期间添加燃油。
- 确保重新加注燃油之前，引擎处于冷却状态。

- 重新加注燃油之前，缓缓打开燃油箱盖，并小心释放压力。
- 切勿在室内为引擎添加燃油。通风不充分情况下，可能由于窒息性气体或一氧化碳的原因而导致伤害或死亡。
- 小心拧紧燃油箱盖，否则可能会发生火灾。
- 启动之前，将产品从加油位置移开至少 3 m (10 ft)。
- 切勿往燃油箱中加入过多的燃油。
- 确保移动产品或油罐时不会发生泄漏。
- 切勿将产品或油罐置于明火、火花或常明火位置。确保存放区域不存在明火。
- 运输燃油或者存放燃油时，仅使用获得批准的油罐。
- 长期存放之前，请先排空燃油箱。请遵守当地法律关于何处处置燃油的规定。
- 长期存放之前，请先清洁产品。

- 存放产品之前请拆下火花塞线缆，以确保引擎不会意外启动。

## 维护安全须知



**警告：** 请在使用本产品前阅读下面的警告说明。

- 因使用未经认可的附件或备件而造成的伤害或责任，可能不在保修范围之内。
- 消音器内含可致癌的化学物质。消音器出现故障时，务必避免接触这些物质。
- 安装或拆卸附件或其他零件前应停止引擎。
- 检查卡箍中的厚圆销是否插入带子中。如果插入不正确，则会导致人身伤害。

## 安装

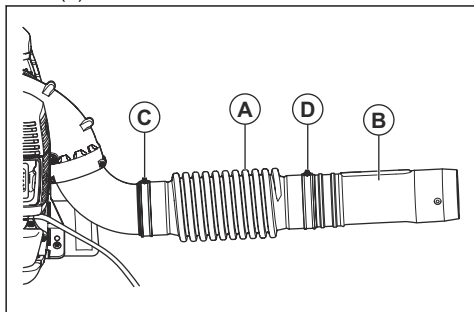
### 引言



**警告：** 请先仔细阅读和充分理解安全须知章节，再安装产品。

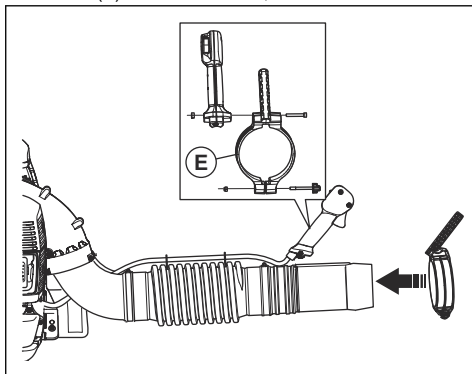
### 在本产品上装配风管和手柄

- 使用管箍 (C)、(D) 将挠性软管 (A) 安装到弯管和控制管 (B) 上。

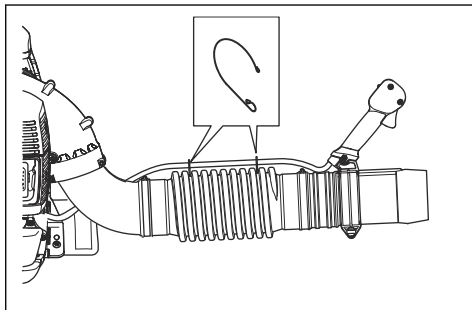


**注意：** 润滑控制管和挠性软管，使其更易于装配。

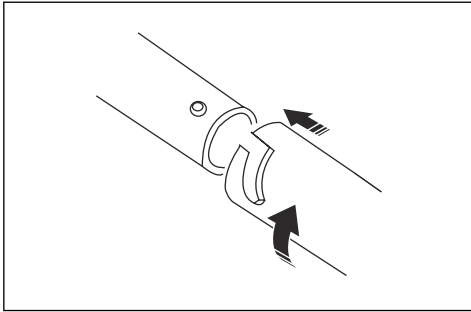
- 将手柄 (E) 安装到控制管上，并使旋钮穿过手柄。



- 拧紧旋钮。
- 使用线夹将电缆安装到挠性软管上。



5. 将连接管安装到控制管上。



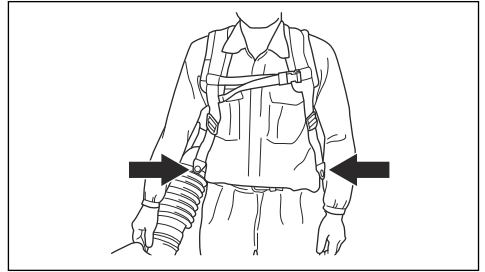
6. 将吹风机喷嘴安装到连接管上。

## 调节背带

正确地调节背带和本产品可以使操作变得更加轻松。

1. 戴上产品背带。

2. 拉紧侧面固定带，直到本产品紧紧贴在您的身上。



3. 将胸带连接到卡接夹 (A) 上。

4. 拉紧固定带。

## 操作

### 引言



**警告：** 请先仔细阅读并充分理解安全须知章节，再使用产品。

### 燃油

#### 使用燃油



**小心：** 本产品配备一个二冲程引擎。使用汽油和二冲程引擎机油组成的混合燃油。确保在混合燃油中使用正确数量的机油。不正确的汽油和机油比例可能导致引擎损坏。

#### Husqvarna 烷基化燃油



**小心：** 切勿使用辛烷值低于 90 RON (87 AKI) 的汽油。这可能导致损坏产品。



**小心：** 切勿使用乙醇浓度超过 10% (E10) 的汽油。这可能导致损坏产品。



**小心：** 切勿使用含铅汽油。这可能导致损坏产品。

我们建议使用 Husqvarna 烷基化燃油，以获得最佳性能。与普通燃油相比，该燃油可减少有害气体排放。这可保持引擎清洁，延长引擎使用寿命。有些地区的市场可能购买不到 Husqvarna 烷基化燃油。

- 务必使用辛烷标号最低为 90 RON (87 AKI) 且乙醇浓度低于 10% (E10) 的新型无铅汽油。

- 如果频繁地持续高速使用产品，请使用辛烷值更高的汽油。
- 务必使用优质的无铅汽油/机油混合物。

### 二冲程机油

- 为获得最佳的效果和性能，请使用专为我们的二冲程引擎开发的 Husqvarna 二冲程机油。
- 如果无法获得 Husqvarna 的二冲程机油，请选用其它气冷式引擎专用的高品质二冲程机油。选择机油时，请与您的代理商联络。
- 切勿使用水冷式舷外引擎专用的二冲程机油，即所谓的舷外机油。
- 切勿使用四冲程引擎专用的机油。

汽油 (升)	二冲程机油, 公升
	<b>2% (50:1)</b>
5	0.10
10	0.20
15	0.30
20	0.40

### 配制混合燃油

**注意：** 混合燃油时，务必使用清洁的油罐。

**注意：** 切勿配制超过 30 天用量的混合燃油。

- 加入一半汽油。
- 加入全部机油。
- 摇晃混合燃油，以混合均匀。
- 加入剩余的汽油。



- 摇晃混合燃油，以混合均匀。
- 加注燃油箱。

## 添加燃油

- 务必使用带溢阀的油罐。
- 如果油罐上面有一些燃油，请清除多余的燃油，使油罐保持干燥。
- 确保燃油箱盖附近位置保持清洁。
- 将混合燃油添加到燃油箱中之前，先摇晃油罐。

## 向燃油箱中添加燃油

- 停止产品运行。
- 将产品置于平坦表面上。
- 松开燃油箱盖，释放燃油箱中的压力。
- 拧下燃油箱盖。
- 将燃油箱加注至 80%。
- 完全拧紧燃油箱盖。
- 确保燃油箱无泄漏。

## 操作产品之前



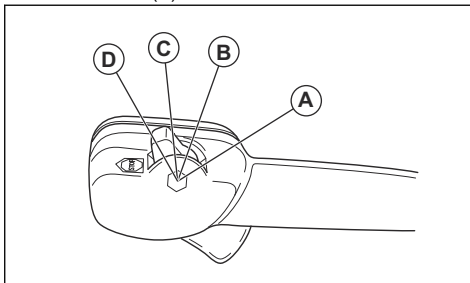
**警告：** 在操作本产品之前，请阅读一般安全须知。

- 使用吹风机时尽可能使用最低的油门。较低的油门意味着较低的噪音和较少的灰尘，此外还更易于控制收集/移动的垃圾。使用耙子或刷子清除粘在地面上的垃圾。
- 使吹风机的开口尽可能靠近地面。利用吹管的整个长度来使气流贴近地面。之后进行清理。确保您未将垃圾吹入他人的花园。仅在合理的时间操作动力设备，请勿在清晨或深夜可能会打扰人们的时候操作。遵守当地条例中所规定的时间。
- 本吹风机为背包式，可在运行时使用肩带携带。右手握住管上的手柄进行操作和控制。
- 空气喷嘴的速度可通过油门进行调节。选择最适于各自任务的速度。
- 检查确保空气吸入口未被树叶或垃圾等堵塞。空气吸入口堵塞会降低机器的吹风能力，并使引擎的工作温度升高，从而导致引擎故障。停止引擎并清除物体。
- 注意风向。利用风力更易于工作。
- 使用吹风机移动大型堆积物非常耗时，并产生不必要的噪音。
- 请保持平衡并找到牢固的立足处。
- 完成工作时机器应垂直存放。

## 操作油门开关

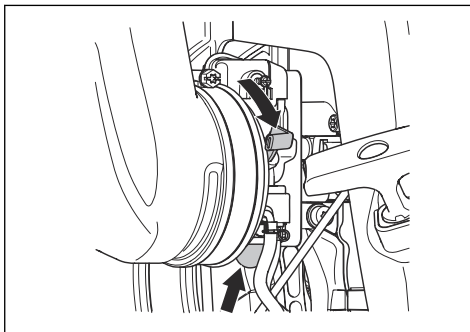
- 启用全开油门 (A)。
- 启用 1/3 转速 (B)。
- 启用怠速 (C)。

- 使用停止开关 (D) 停止本产品。

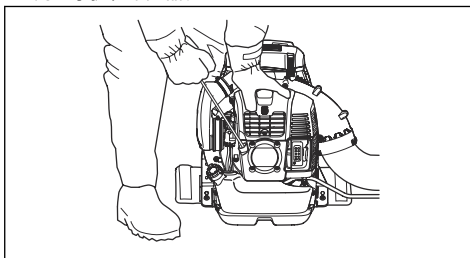


## 启动产品

- 如果引擎尚未预热，应将阻气门杆推至阻气门关闭位置。



- 反复按动注油泵球囊，直至燃油开始注入注油泵球囊中。不必注满注油泵球囊。
- 将油门杆推至 1/3 转速位置。请参阅 *操作油门开关* 在第 24 页上。
- 将本产品放在平坦的地面上。
- 用左手握住本产品。



- 将右脚放在机架上。
- 缓缓拉动启动绳把手，直至出现阻力。
- 用右手快速拉动启动绳把手，直至引擎启动或试图启动，最多 10 次。如果引擎启动，则将阻气门杆逐渐移到打开位置。

**注意：** 切勿完全拉出启动绳把手，切勿放开启动绳把手。



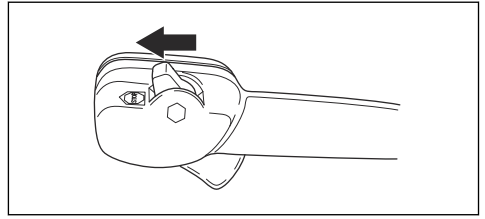
9. 将阻气门杆移至阻气门开启位置，直到阻气门杆停止。
10. 反复拉动启动绳把手，直至引擎启动并继续运转。
11. 如果引擎未启动，则再次执行步骤 1 至步骤 10。
12. 操作前，使引擎运转 2-3 分钟，使其暖机。

## 停止本产品



小心：请勿以全速停止本产品。

1. 将油门杆推至停止位置。



## 维护

### 引言



**警告：** 请仔细阅读和充分理解安全须知章节的内容，再对产品执行维护作业。

### 维护时间表

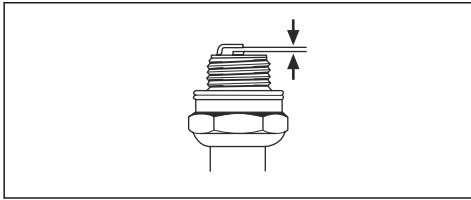
维护	每天	每周	每月
清洁外部表面。	X		
确保油门控制正常工作。	X		
确保停止开关正常工作。	X		
检查停止开关，请参阅 <i>停止本产品</i> 在第 25 页上。	X		
检查引擎、燃油箱和燃油管是否泄漏。	X		
清洁空气滤清器。必要时进行更换。	X		
拧紧螺母和螺丝。	X		
检查燃油滤清器上是否有污物，油管是否有裂痕和其它破损现象。必要时进行更换。	X		
检查空气吸入口，确保其未堵塞。	X		
检查启动器和启动绳是否损坏。		X	
检查减震装置是否存在损坏和裂纹。		X	
检查火花塞，请参阅 <i>检查火花塞</i> 在第 26 页上。		X	
清洗冷却系统。		X	
清洁化油器外表面及其周围区域。		X	
清洁燃油箱。			X
检查所有线缆和接头。			X
检查和清洁消音器上的火花消除丝网。			X
更换火花塞。确保已安装抑制器。			X

## 检查火花塞



**小心：** 使用建议的火花塞。请参阅 *技术参数* 在第 28 页上。火花塞不正确可能导致产品损坏。

1. 如果产品难于启动或操作或者产品在怠速时操作不正确，请检查火花塞中是否有异物。要降低在火花塞电极上出现异物的风险，请遵循这些步骤：
  - a) 确保怠速得到正确调节。
  - b) 确保混合燃油正确。
  - c) 确保空气滤清器清洁。
2. 火花塞如玷污应予以清洁。
3. 确保电极间隙正确。请参见 *技术参数* 在第 28 页上。



4. 每月更换一次火花塞，必要时应更频繁地更换。

## 清洁冷却系统



**小心：** 冷却系统脏污或堵塞会使产品变得过热，进而导致产品损坏。

冷却系统包括气缸和进气栅网上的散热片。

- 确保冷却系统洁净且未堵塞。
- 用刷子每周清洁一次冷却系统，必要时应更频繁地进行清洁。

## 对消音器进行维护



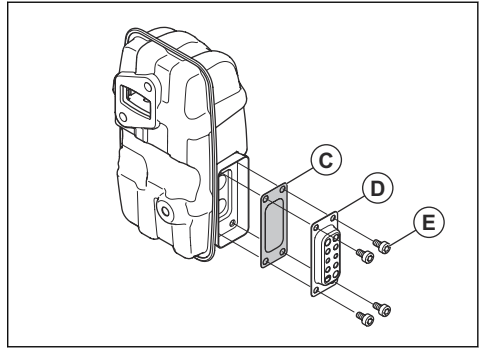
**警告：** 切勿使用消音器存在故障的产品。



**警告：** 消音器在操作期间和操作后，以及在怠速时会变得非常烫。戴上保护手套以防止灼伤。

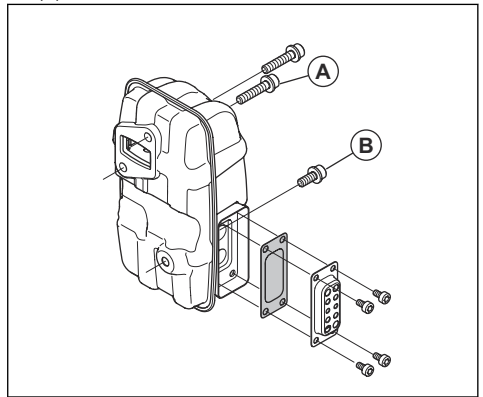
1. 停止引擎并使消音器冷却下来。
2. 更换损坏的火花消除丝网。

3. 拆下螺丝 (E) 并拆下排气管 (D)。



**注意：** 消音器的内表面包含可致癌的化学物质。如果消音器已损坏，请注意不要触碰这些物质。

4. 拆下火花消除丝网 (C) 并用钢丝刷清洁。使用钢丝刷清除消音器入口和出口上的污垢。另外，用钢丝刷清除气缸排气口上的污垢。
5. 使用螺丝 (E) 安装火花消除丝网 (C) 和排气管 (D)。将螺丝上紧至 2-3 Nm。
6. 确保消音器已正确安装在本产品上。将螺丝 (A) 和 (B) 上紧至 8-12 Nm。

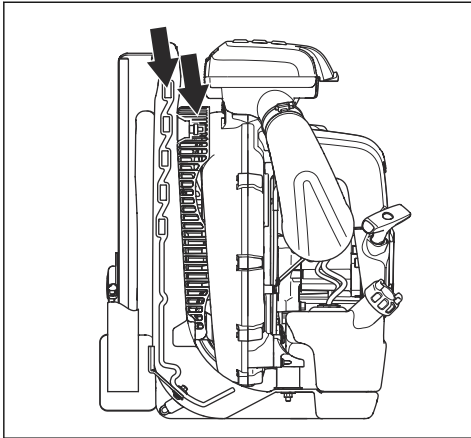


## 检查进气栅网。

进气栅网堵塞会降低吹力并提高引擎的温度。温度升高会导致引擎故障。

1. 将引擎熄火。

2. 检查进气栅网是否损坏，确保已将其正确固定。

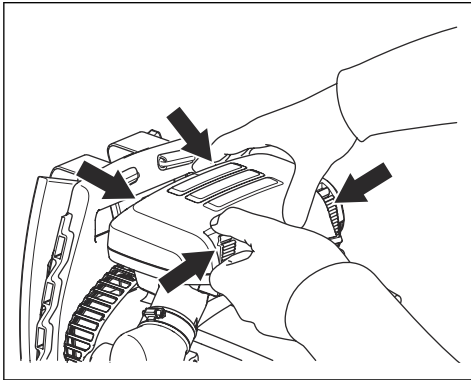


3. 清除进气栅网上的污垢、树叶和多余材料。

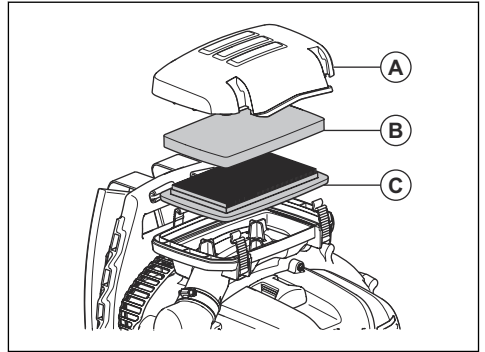
## 清洁空气滤清器

定期清除空气滤清器上的污垢和灰尘。这可防止出现化油器故障、启动问题、引擎功率损耗、引擎部件磨损及燃油消耗异常高等状况。如果为重型运转状态，请按照 40 小时或更短时间的周期清洁空气滤清器。

1. 松开用于固定空气滤清器外壳的紧固件。



2. 拆下空气滤清器外壳 (A)。



3. 从滤清器框架上拆下海绵滤网 (B) 和纸制滤清器 (C)。

4. 更换纸制滤清器 (C)。

5. 用温肥皂水清洁海绵滤网 (B)。

**注意：**使用时间较长的空气滤清器可能无法彻底清洁。定期更换空气滤清器，且务必更换有缺陷的空气滤清器。

6. 确保海绵滤网 (B) 干燥。

7. 用刷子 (A) 清洁空气滤清器外壳的内表面。

## 更换背带



**警告：**背带损坏可能会使产品跌落并造成伤害。

1. 将引擎熄火。
2. 从带子上拆下卡箍。
3. 推动带子的末端，使其穿过挂钩。
4. 拉动新带子，使其穿过挂钩。
5. 将卡箍安装到新带子上。

## 运输及存放

### 运输及存放

- 存放和运输产品和燃油时，确保不存在泄漏或烟雾。火花或明火（例如来自电气设备或锅炉等）可能引发火灾。
- 务必使用获得批准的容器存放和运输燃油。
- 运输或长期存放之前，请先排空燃油箱。按压注油泵球囊，确保已清除所有燃油。在适当的处置地点处理燃油。
- 在长时间存放之前，确保清洁产品并且进行全面保养。

- 拆下火花塞并向气缸中加入约 15 毫升二冲程机油。将本产品转动 3 次，然后重新安装火花塞。
- 在运输期间固定好产品。

## 技术参数

### 技术资料

	580BTS Mark II
<b>引擎</b>	
气缸排量 (cm <sup>3</sup> )	75.6
空转速度 (rpm)	2000
催化转换器消音器	无
调速点火系统	是
<b>点火系统<sup>4</sup></b>	
火花塞	NGK CMR7H
电极间隙 (mm)	0.6-0.7
<b>燃油和润滑系统</b>	
燃油箱容量, l	2.6
<b>重量</b>	
重量 (kg)	11.9
<b>声级<sup>5</sup></b>	
操作员耳旁的等效声压级, 根据 ISO 22868:2011 测量 dB(A)	104
<b>振动水平<sup>6</sup></b>	
手柄等效振动水平 (a <sub>hveq</sub> ), 根据 ISO 22867:2011 测量得出 (m/s <sup>2</sup> )	2.2
<b>风机性能</b>	
标准喷嘴的最大气流速度, m/s	92
标准喷嘴的气流量, m <sup>3</sup> /min	27

<sup>4</sup> 火花点火系统符合加拿大 ICES-002 标准。

<sup>5</sup> 等效声压级按照持续时间分别为 1/7 (怠速) 和 6/7 (运行) 的工作循环计算得出。等效声压级的报告数据中具有 1 dB (A) 的典型统计离差 (标准偏差)。

<sup>6</sup> 等效振级值按照持续时间分别为 1/7 (怠速) 和 6/7 (运行) 的工作循环计算得出。等效振动级的报告数据中具有一个 1 米/秒<sup>2</sup> 的典型统计离差 (标准偏差)。

## 有限保修

如果本产品在适用保修期内的正常运转状态下出现任何故障，则将由 Husqvarna 授权经销商免费更换或修理发生故障的零件。

**保修期：**最终用户购买后六 (6) 个月，自生产月份起 12 个月为准。（如果用于租赁目的则为 30 天）

买方应承担装置往返 Husqvarna 经销商的运输费用。

如果在 Husqvarna 经销商处执行诊断工作，买方不应确定保修零件存在缺陷的诊断工作承担费用。

买方或所有者负责执行所有者/操作手册中制造商规定的所需维护工作。

对于必要维护计划更换、仅按计划定期检查维修是否有效或“在必要时更换”的任何保修零件在保修期内享有保修。对于必要维护计划内更换的保修零件应在该零件的第一次计划更换时间点之前享有保修。

任何在非保修维护或维修中使用的具有同等性能和耐久性的更换零件，公司同样承担保修责任。

对于保修期内因保修零件故障导致的其他引擎部件损坏，公司负有保修责任。

**保修不适用于**因以下原因导致装置损坏的情况：忽视所有者/操作手册中所列的有关装置使用和维护的说明、事故处理不当、改装、滥用、润滑不当、使用公司规定以外的任何零件或附件、或其他超出公司控制范围的原因。

**本保修不包含**因正常磨损或外观无害变化而更换的零件。

**此外无任何明示保修。**

**任何默示保修**均受有效保修时间的限制。否则，此有限保修应代替所有其他明示或默示保修，包括适用于本产品的所有“**特定用途或使用适用性**”保修和任何“**适销性**”默示保修。

**在任何及所有保修条件下，公司不承担附带或间接损坏引起的责任。**

如需获得更多信息，请致电离您最近的维修中心或访问 Husqvarna 网站：[www.husqvarna.com](http://www.husqvarna.com)。







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Original instructions  
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