STIHL BR 200



2 - 18 Instruction Manual





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Dear Customer,

Thank you for choosing a quality engineered STIHL product.

It has been built using modern production techniques and comprehensive quality assurance. Every effort has been made to ensure your satisfaction and trouble-free use of the product.

Please contact your dealer or our sales company if you have any queries concerning this product.

Your



Dr. Nikolas Stihl

1 Guide to Using this Manual

1.1 Pictograms

The meanings of the pictograms attached to the machine are explained in this manual.

Depending on the model concerned, the following pictograms may be attached to your machine.



Fuel tank; fuel mixture of gasoline and engine oil



Operate manual fuel pump

1.2 Symbols in text

WARNING

Warning where there is a risk of an accident or personal injury or serious damage to property.

NOTICE

Caution where there is a risk of damaging the machine or its individual components.

1.3 Engineering improvements

STIHL's philosophy is to continually improve all of its products. For this reason we may modify the design, engineering and appearance of our products periodically.

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

2 Safety Precautions and Working Techniques



Special safety precautions must be observed when operating a power tool.



It is important you read and understand the User Manual before commissioning and keep it in a safe place for future reference. Non-compliance with the User Manual may cause serious or even fatal injury.

Observe all applicable local safety regulations, e.g. by trade organizations, social insurance institutions, labor safety authorities etc.

If you have not used this machine before: Have your dealer or other experienced user show you how to handle your machine safely or attend a specialist course.

Minors must never work with the machine – except for young people over the age of 16 who are being trained under supervision.

Children, animals and bystanders must not be allowed near the machine.

When the machine is not in use, put it in a place where it does not endanger others. Secure the machine against unauthorized access.

Original Instruction Manual
0000008699_005_GB

Printed on chlorine-free paper
Printing inks contain vegetable oils, paper can be recycled.

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0458-455-0121-D. VA0.H21.

The user is responsible for accidents or risks involving third parties or their property.

The machine should only be provided or loaned to people familiar with this model and its operation. The instruction manual should always be handed over with the machine.

The use of noise emitting power tools may be restricted to certain times by national or local regulations.

Do not operate your machine if any of its components are damaged.

Do not use a high-pressure washer to clean the power tool. The solid jet of water may damage parts of the unit.

2.1 Accessories and replacement parts

Only use parts and accessories that are explicitly approved for this power tool by STIHL or are technically identical. If you have any questions in this respect, consult your dealer. Use only high quality parts and accessories. In order to avoid the risk of accidents and damage to the unit.

STIHL recommends the use of original STIHL parts and accessories. They are specifically designed to match the product and meet your performance requirements.

Never attempt to modify your power tool in any way since this may increase the risk of personal injury. STIHL excludes all liability for personal injury and damage to property caused while using unauthorized attachments.

2.2 Physical fitness

To operate the power tool you must be rested, in good physical condition and mental health.

If you have any condition which may be aggravated by strenuous work, check with your doctor before operating a power tool.

If you have a pacemaker: The ignition system of your machine produces an electromagnetic field of very low intensity. This field may interfere with some pacemakers. To reduce health risks, STIHL recommends that persons with pacemakers consult their physician and the pacemaker manufacturer before operating this tool.

Do not operate the power tool if you are under the influence of any substance (drugs, alcohol) which might impair vision, dexterity or judgment.

2.3 Intended Use

The blower is designed for blow-sweeping leaves, grass, paper and similar materials, e.g. in gardens, sports stadiums, car parks and driveways. It is also suitable for blow-sweeping forest paths.

Do not blow-sweep hazardous materials.

Do not use the power tool for any other purpose because of the increased risk of accidents and damage to the power tool itself. The product must not be modified in any way - this may also lead to accidents or damage to the unit.

2.4 Clothing and equipment

Wear proper protective clothing and equipment.



Clothing must be sturdy but allow complete freedom of movement. Wear snug-fitting clothing, an overall and jacket combination, do not wear a work coat.



Avoid any clothing, scarves, neckties, jewelry or anything that could get into the air intake. Tie up and confine long hair above your shoulders so that it cannot be pulled into the machine.

Wear sturdy shoes with non-slip soles.

WARNING



To reduce the risk of eye injuries, wear close-fitting safety glasses in accordance with European Standard EN 166. Make sure the safety glasses are a snug fit.

Wear "personal" sound protection, e.g. ear defenders.

STIHL can supply a comprehensive range of personal protective equipment.

2.5 Transporting the machine

Always stop the engine.

Transporting in a vehicle:
– Secure the machine against overturning, damage and fuel spillage

2.6 Refueling



Gasoline is extremely flammable – keep it away from naked flames – do not spill any fuel – no smoking.

Always **shut off the engine** before refueling.

Do not fuel a hot engine – **fuel may spill and cause a fire.**

Always remove the power tool from your back and put it on the ground before refueling. Fuel the machine only when it is standing on the ground.

Open the fuel cap carefully to allow any pressure build-up in the tank to release slowly and avoid fuel spillage.

Only refuel the machine in a well ventilated place. If you spill fuel, wipe the machine immediately – if fuel gets on your clothing, change immediately.



Check for fuel leakage! Never start the engine if fuel has been spilled or is leaking – **Fatal burns may result!**

Fuel cap

Never use a tool to open or close the screw-type fuel cap. This could damage the cap and cause fuel to leak out.



After fueling, tighten down the screw-type fuel cap as securely as possible.

2.7 Before starting

Check that your machine is properly assembled and in good condition – refer to appropriate chapters in the instruction manual:

- Check the fuel system for leaks, especially the visible parts, e. g., fuel cap, hose connections, manual fuel pump (only in machines with a manual fuel pump). In case of leakage and damage, do not start the engine – **risk of fire!** Have the machine serviced by a dealer before using it
- Throttle trigger must move freely and spring back by itself to the idle position
- The setting lever must move easily to **STOP** or ↺
- The blower tubes must be properly assembled
- Keep the handles dry and clean – free from oil and dirt – this is important for safe control of the machine
- Check that the spark plug boot is secure – a loose boot may cause sparking that could ignite combustible fumes **and cause a fire!**
- Never attempt to modify the controls or safety devices
- Check the condition of the blower housing
- Check condition of harness straps and replace damaged or worn straps

Wear of the blower housing (cracks, nicks, chips) may result in an increased risk of injury from thrown foreign objects. If the blower housing is damaged, consult your dealer – STIHL recommends you contact a STIHL servicing dealer

To reduce the risk of accidents and personal injury, do not operate your power tool if it is not properly assembled and in good condition!

For the case of emergency: Practice quickly releasing the shoulder straps and taking the unit off your back.

2.8 Starting the engine

Start the engine at least 3 meters from the fueling spot, outdoors only.

Your power tool is designed to be operated by one person only. Do not allow other persons in the work area – even when starting.

Do not drop start your machine – the correct starting procedure is described in the User Manual.

Place the machine on level ground only, ensure that you have a secure footing and hold the machine securely.

As soon as the engine starts, the increasing air flow may eject objects (e.g. stones).

2.9 While working

In the event of impending danger or in an emergency, switch off the engine immediately by moving the setting lever to **STOP** or ↺.



To reduce the risk of injury from thrown objects, do not allow any other persons within 15 meters of your own position.

This distance must also be maintained in relation to objects (vehicles, window panes) – **risk of property damage!**



Do not direct the air blast towards bystanders or animals since the air flow can blow small objects at great speed – **risk of injury**.

When blow-sweeping (in open terrain and in gardens), look out for small animals to prevent endangering them.

Never leave a running machine unattended.

Use caution with slippery surfaces, water, snow, ice,
on slopes, on uneven ground - **Danger of slipping!**

Watch out for obstacles: Be careful of refuse, tree stumps, roots and ditches which could **cause you to trip or stumble**

Do not work on a ladder or in unstable locations.

Be particularly alert and cautious when wearing hearing protection because your ability to hear warnings (shouts, alarms, etc.) is restricted.

Work calmly and carefully – in daylight conditions and only when visibility is good. Proceed with caution, do not put others in danger.

Take breaks when you start getting tired or feeling fatigue – **risk of accidents!**

Mufflers with catalytic converters can become especially hot.



Your power tool produces **toxic exhaust fumes** as soon as the engine is running. These gases may be odorless and invisible and may contain unburned hydrocarbons and benzene. Never run the engine indoors or in poorly ventilated locations, even if your model is equipped with a catalytic converter.

To reduce the risk of **serious or fatal injury from breathing toxic fumes**, ensure proper ventilation when working in trenches, hollows or other confined locations.

Stop work immediately if you start suffering from nausea, headaches, impaired vision (e.g. your field of vision gets smaller), impaired hearing, dizziness, or impaired concentration – these symptoms may possibly be the result of too-high exhaust gas concentration – **Risk of accidents!**

To reduce the risk of fire, do not smoke while operating or standing near your power tool. Combustible fuel vapor may escape from the fuel system.

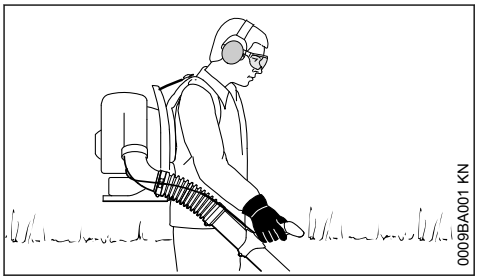
Always wear a dust mask if dust is generated.

Operate your power tool so that it produces a minimum of noise and emissions – do not run the engine unnecessarily, accelerate the engine only when working.

After work, place the machine on a level, non-flammable surface. Do not place the machine near easily flammable materials (e.g. wood chips, bark, dry grass, fuel) – **risk of fire!**

If the machine was exposed to a load for which it was not designed (e.g. heavy impact or a fall), always check that it is in good condition before continuing work – see also "Before Starting". Check in particular that the fuel system has no leaks and the safety equipment is fully operative. Do not continue operating your power tool if it is damaged. In case of doubt, contact a dealer.

2.10 Using the blower



The unit is carried as a backpack. Hold and control the blower tube with your right hand on the control handle.

Work only slowly, moving in a forwards direction – always observe the discharge area of the blower tube – do not move backwards – **risk of tripping!**

Always shut off the engine before taking the machine off your back.

2.11 Working Technique

To minimize blowing time, use a rake and broom to loosen dirt particles before you start blowing.

- If necessary, dampen the surface to be cleaned in order to avoid creating too much dust.
- Do not blow particles in the direction of bystanders, in particular in the direction of children, pets, open windows or freshly washed vehicles. Take special care in such situations.
- Remove the blow-swept debris in rubbish bins – do not blow it onto the neighbor's land.
- Operate your power tool at reasonable times only – not early in the morning, late at night or during midday rest periods when people could be disturbed. Observe local rest periods.
- Operate blowers at the lowest engine speed necessary to accomplish the task.
- Check your blower before starting work. Pay special attention to the muffler, air intakes and air filter.

2.12 Vibrations

Prolonged use of the power tool may result in vibration-induced circulation problems in the hands (whitefinger disease).

No general recommendation can be given for the length of usage because it depends on several factors.

The period of usage is prolonged by:
– Keeping your hands warm
– Work breaks

The period of usage is shortened by:
– Any personal tendency to suffer from poor circulation (symptoms: frequently cold fingers, itching).
– Low outside temperatures.
– Gripping force (a tight grip hinders circulation).

Continual and regular users should monitor closely the condition of their hands and fingers. If any of the above symptoms appear (e.g. tingling sensation in fingers), seek medical advice.

2.13 Maintenance and Repairs

Service the machine regularly. Do not attempt any maintenance or repair work not described in the instruction manual. Have all other work performed by a servicing dealer.

STIHL recommends that you have servicing and repair work carried out exclusively by an authorized STIHL servicing dealer. STIHL dealers are regularly given the opportunity to attend training courses and are supplied with the necessary technical information.

Only use high-quality replacement parts in order to avoid the risk of accidents and damage to the machine. If you have any questions in this respect, consult a servicing dealer.

STIHL recommends the use of genuine STIHL replacement parts. They are specifically designed to match your model and meet your performance requirements.

To reduce the risk of injury, **always shut off the engine** before carrying out any maintenance or repairs or cleaning the machine. – Exception: Carburetor and idle speed adjustments.

Do not turn the engine over on the starter with the spark plug boot or spark plug removed since there is otherwise a **risk of fire** from uncontained sparking.

Do not service or store your machine near open flames.

Check the fuel filler cap for leaks at regular intervals.

Use only a spark plug of the type approved by STIHL and make sure it is in good condition – see "Specifications".

Inspect the ignition lead (insulation in good condition, secure connection).

Check the condition of the muffler.

To reduce the **risk of fire and damage to hearing**, do not operate your machine if the muffler is damaged or missing.

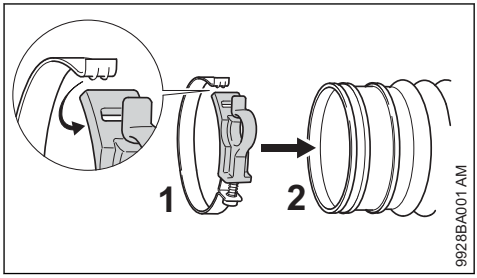
Do not touch a hot muffler since **burn injury** will result.

Vibration behavior is influenced by the condition of the AV elements – check the AV elements at regular intervals.

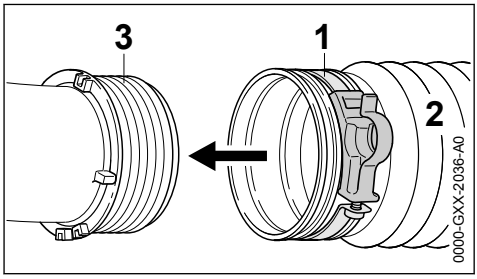
Shut off the engine before rectifying problems.

3 Assembling the Unit

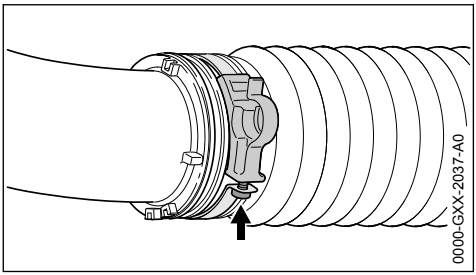
3.1 Fitting the Pleated Hose on the Elbow



- Open the hose clamp (1) and fit it on the pleated hose (2).
- Engage the tab in the recess

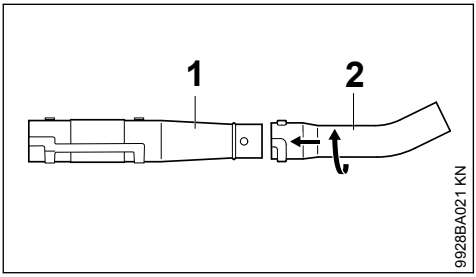


- Push the pleated hose (2) over the slip ring (3) as far as it will go
- Line up the hose clamp (1) and slip ring (3) – as shown

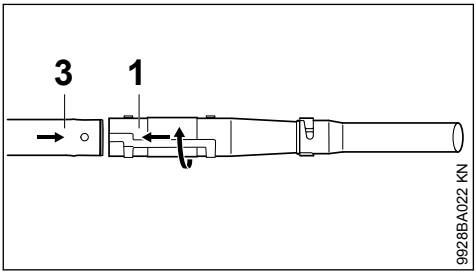


► Tighten down the screw (arrow)

3.2 Mounting the Blower Tube and Nozzle

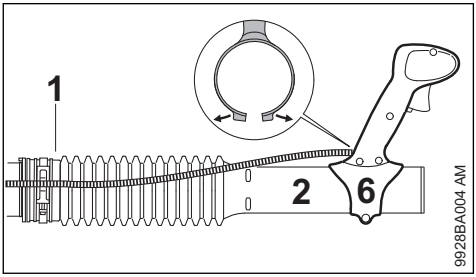


► Connect the blower tube (1) and nozzle (2)



► Connect the blower tube (1) to tube (3)

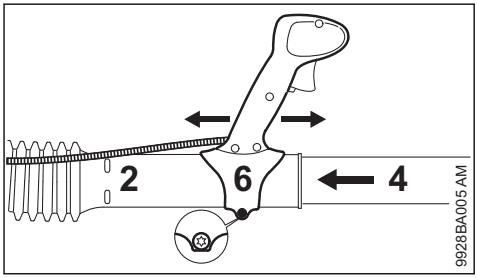
3.3 Mounting the Control Handle



► Pull the ends of the clamp on the control handle (6) apart and push it over connector of pleated hose (2)
► Attach the throttle cable to the retainer on the hose clamp (1)

3.4 Adjusting the Control Handle

► Put the machine on your back and adjust the harness – see "Fitting the Harness".

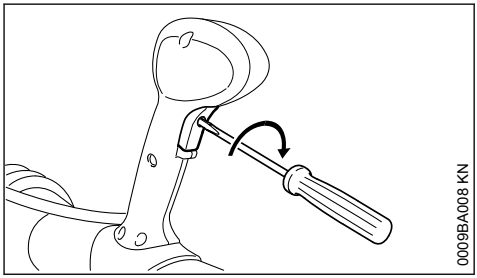


► Push the blower tube (4) into the connector of pleated hose (2) as far as it will go
► Move the control handle (6) along the tube to the most comfortable position
► Tighten down the screw on the control handle (6)

4 Adjusting the Throttle Cable

It may be necessary to correct the adjustment of the throttle cable after assembling the machine or after a prolonged period of operation.

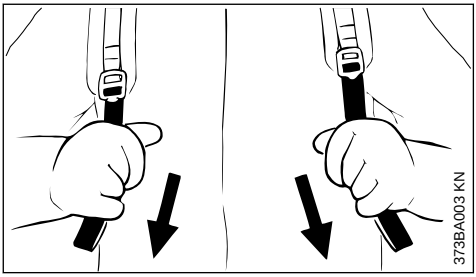
Adjust the throttle cable only when the unit is completely and properly assembled.



► Set throttle trigger to the full throttle position – as far as stop.
► Carefully rotate the screw in the throttle trigger in the direction of the arrow until you feel initial resistance. Then rotate it another full turn.

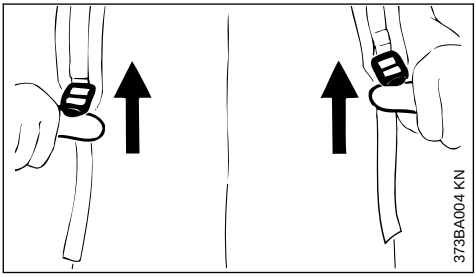
5 Fitting the Harness

5.1 Adjusting the Harness



- Pull the straps downwards to tighten the harness

5.2 Loosening the Harness



- Lift the tabs of the two sliding adjusters.
- Adjust the harness so that the backplate fits snugly and securely against your back

6 Fuel

Your engine requires a mixture of gasoline and engine oil.

WARNING

For health reasons, avoid direct skin contact with gasoline and avoid inhaling gasoline vapor.

6.1 STIHL MotoMix

STIHL recommends the use of STIHL MotoMix. This ready-to-use fuel mix contains no benzol or lead, has a high octane rating and ensures that you always use the right mix ratio.

STIHL MotoMix uses STIHL HP Ultra two-stroke engine oil for an extra long engine life.

MotoMix is not available in all markets.

6.2 Mixing Fuel

NOTICE

Unsuitable fuels or lubricants or mix ratios other than those specified may result in serious damage to the engine. Poor quality gasoline or engine oil may damage the engine, sealing rings, hoses and the fuel tank.

6.2.1 Gasoline

Use only high-quality **brand-name** gasoline with a minimum octane rating of 90 – leaded or unleaded.

Gasoline with an ethanol content of more than 10% can cause running problems in engines with a manually adjustable carburetor and should not be used in such engines.

Engines equipped with M-Tronic deliver full power when run on gasoline with an ethanol content of up to 25% (E25).

6.2.2 Engine Oil

If you mix the fuel yourself, use only STIHL two-stroke engine oil or another high-performance engine oil in accordance with JASO FB, JASO FC, JASO FD, ISO-L-EGB, ISO-L-EGC or ISO-L-EGD.

STIHL specifies STIHL HP Ultra two-stroke engine oil or an equivalent high-performance engine oil in order to maintain emission limits over the machine's service life.

6.2.3 Mix Ratio

STIHL 50:1 two-stroke engine oil: 50 parts gasoline to 1 part oil

6.2.4 Examples

Gasoline	STIHL engine oil 50:1	
Liters	Liters	(ml)
1	0.02	(20)
5	0.10	(100)
10	0.20	(200)
15	0.30	(300)
20	0.40	(400)
25	0.50	(500)

- Use a canister approved for storing fuel. Pour oil into canister first, then add gasoline and mix thoroughly.

6.3 Storing Fuel

Store fuel only in approved safety-type fuel canisters in a dry, cool and safe location protected from light and the sun.

Fuel mix ages – only mix sufficient fuel for a few weeks work. Do not store fuel mix for longer than 30 days. Exposure to light, the sun, low or high temperatures can quickly make the fuel mix unusable.

STIHL MotoMix may be stored for up to 2 years without any problems.

- Thoroughly shake the mixture in the canister before fueling your machine.

WARNING

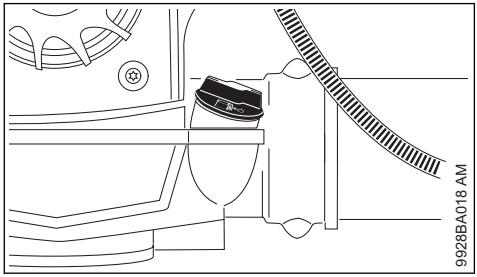
Pressure may build up in the canister – open it carefully.

- Clean the fuel tank and canister from time to time.

Dispose of remaining fuel and cleaning fluid properly in accordance with local regulations and environmental requirements.

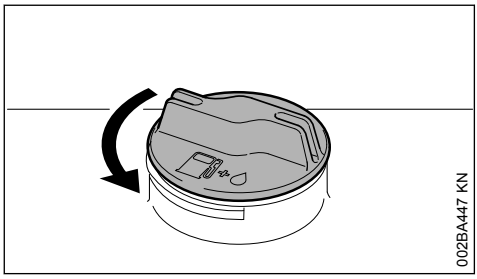
7 Fueling

7.1 Preparations



- Before fueling, clean the filler cap and the area around it to ensure that no dirt falls into the tank.

7.2 Opening screw-type tank cap

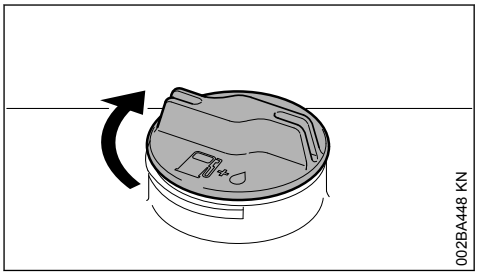


- Turn the cap counterclockwise until it can be removed from the tank opening.
- Remove the cap.

7.3 Filling up with fuel

Take care not to spill fuel while fueling and do not overfill the tank. STIHL recommends you use the STIHL filler nozzle (special accessory).

7.4 Closing screw-type tank cap



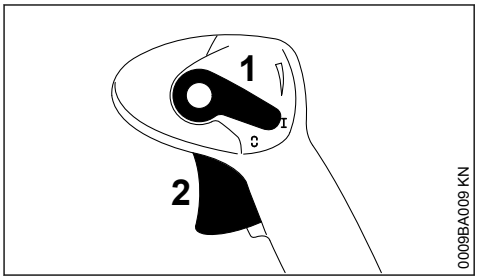
- Place the cap in the opening.
- Turn the cap clockwise as far as stop and tighten it down as firmly as possible by hand.

8 Information Before You Start

NOTICE

With the engine stopped and before starting, check the air intakes between the backplate and powerhead for blockages and clean if necessary.

8.1 Functions of setting lever



Run position I

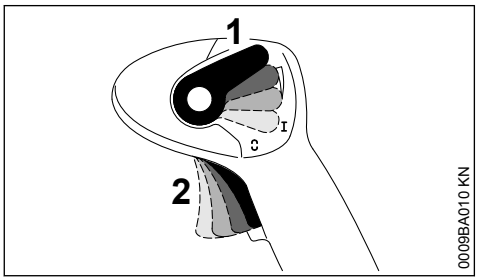
Engine runs or is ready to start. Throttle trigger (2) can be moved to any position.

Switch off engine 0

Ignition is interrupted, engine stops. The setting lever (1) is not locked in this position. It springs

back to the run position **I**. The ignition is switched on again.

Fixed throttle



The throttle trigger (2) can be locked in any position by operating the setting lever (1).

To disengage the lock:

► Return the setting lever (1) to the run position **I**.

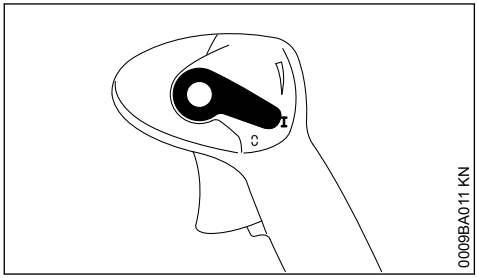
9 Starting / Stopping the Engine

9.1 Starting the Engine

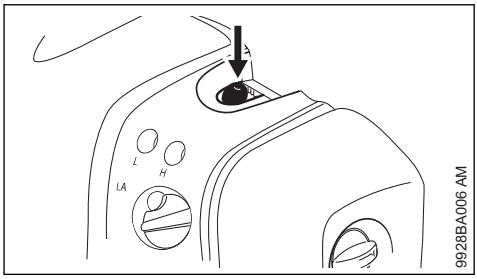
► Observe safety precautions.

NOTICE

Start your unit on a clean, dust-free surface only to ensure that no dust is sucked in.

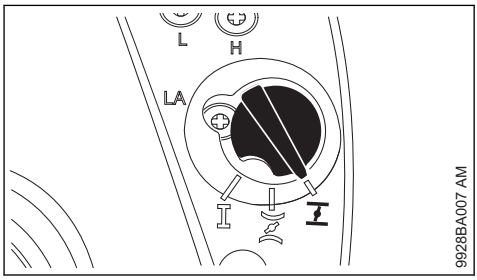


► Move the setting lever the run position **I**.



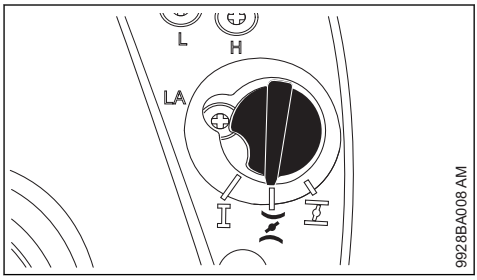
► Press the manual fuel pump bulb at least five times – even if the bulb is filled with fuel.

Cold engine (cold start)



► Turn the choke knob to .

Warm engine (warm start)



► Turn the choke knob to .

Also use this setting if the engine has been running but is still cold.

Starting



- Place the unit securely on the ground and make sure that bystanders are well clear of the nozzle outlet.
- Make sure you have a firm footing: Hold the unit with your left hand on the carrying handle and put one foot against the base plate to prevent it slipping.
- Pull the starter grip slowly with your right hand until you feel it engage and then give it a brisk strong pull. Do not pull out the starter rope to full length – **it might otherwise break**.
- Do not let the starter grip snap back. Guide it slowly back into the housing so that the starter rope can rewind properly.
- Continue cranking until the engine runs.

9.2 Other hints on starting

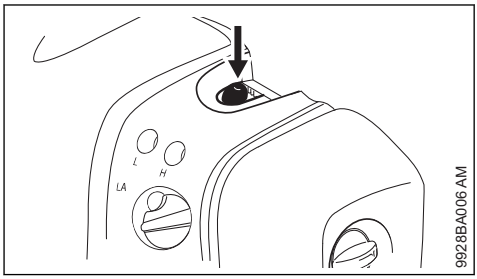
9.2.1 If the engine stops while the choke knob in on or during acceleration

- Move the choke knob to and continue cranking until the engine runs.

9.2.2 If the engine does not start

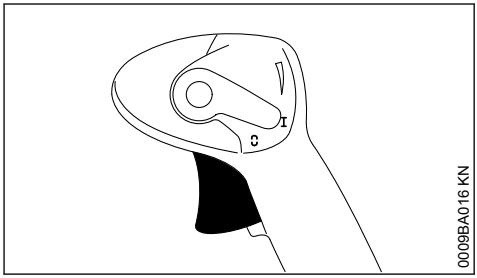
- Make sure all settings are correct (choke knob, setting lever in run position I).
- Repeat the starting procedure.

9.2.3 If fuel tank has been run completely dry and then refueled

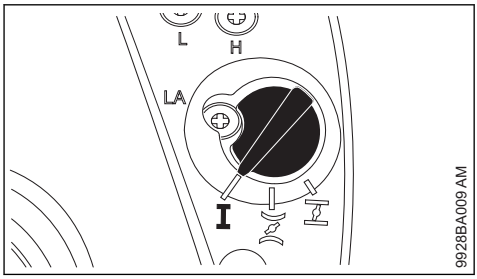


- Press the manual fuel pump bulb at least five times – even if the bulb is filled with fuel.

9.3 As soon as the engine runs



- Operate the throttle trigger.

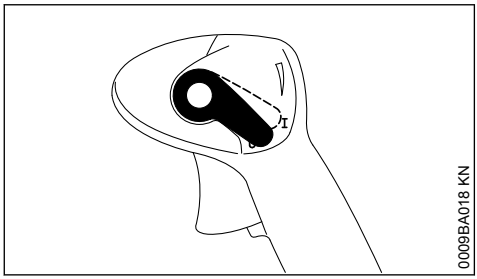


- Choke knob automatically returns to the run position I when the throttle trigger is operated.

9.3.1 At very low outside temperatures

- Open throttle slightly – warm up the engine for a short period.

9.4 Shut off the engine.



- Move the setting lever in the direction of ⌽ – the engine stops – the setting lever springs back to the on position.

10 Operating Instructions

10.1 During Operation

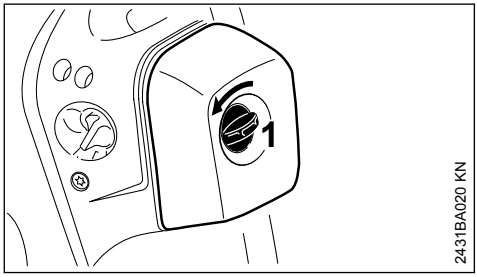
After a long period of full throttle operation, allow the engine to run for a short while at idle speed so that engine heat can be dissipated by the flow of cooling air. This helps protect engine-mounted components (ignition, carburetor) from thermal overload.

10.2 After Finishing Work

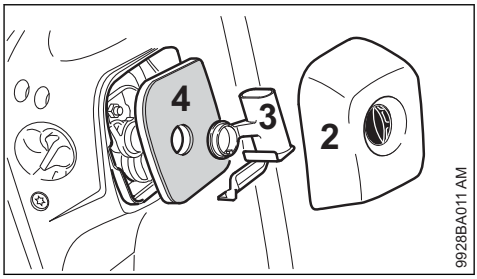
Storing for a short period: Wait for the engine to cool down. Keep the machine in a dry place, well away from sources of ignition, until you need it again. For longer out-of-service periods – see "Storing the Machine".

11 Cleaning the Air Filter

11.1 If there is a noticeable loss of engine power



- Turn the filter cover lock (1) counterclockwise to the vertical position.



- Remove the filter cover (2).
- Clean away loose dirt from around the filter.
- Pull off the adapter (3) and remove the filter (4).
- Fit a new filter element. As a temporary measure you can knock it out on the palm of your hand or blow it out with compressed air. Do not wash.

Replace any damaged parts.

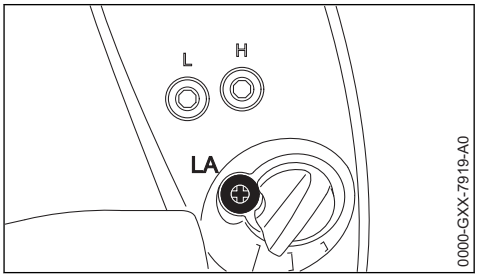
11.2 Install the filter element.

- Fit the filter in the filter housing and push the retainer into position.
- Refit the filter cover and turn the filter cover lock to the horizontal position

12 Adjusting the Carburetor

The carburetor has been set at the factory to provide an optimum fuel-air mixture under most operating conditions.

12.1 Adjusting Idle Speed



12.1.1 Engine stops while idling

- Turn the idle speed screw (LA) clockwise until the engine runs smoothly.

13 Catalytic Converter

Power tools with a catalytic converter (depending on model) must be run on a 50 : 1 mixture of **unleaded gasoline** and **STIHL two-stroke engine oil** or equivalent two-stroke engine oil – see chapter on "Fuel".

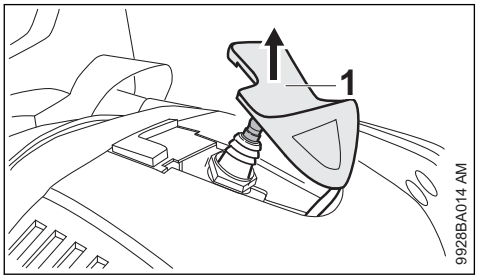
The catayltic converter integrated in the muffler reduces the harmful emissions in the exhaust gas.

The correct carburetor setting (if adjustable) and strict observance of the prescribed mix ratio of gasoline and two-stroke engine oil are essential to minimize harmful emissions and ensure a long catalytic converter service life.

14 Spark Plug

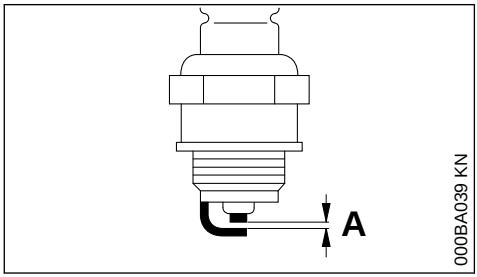
- If the engine is down on power, difficult to start or runs poorly at idle speed, first check the spark plug.
- Fit a new spark plug after about 100 operating hours – or sooner if the electrodes are badly eroded. Install only suppressed spark plugs of the type approved by STIHL – see "Specifications".

14.1 Removing the Spark Plug



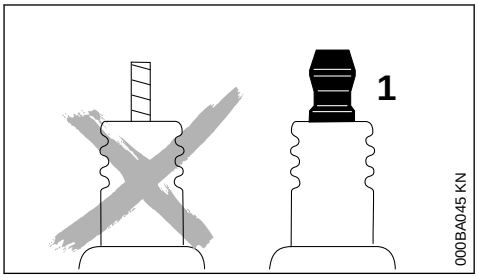
- Pull off the spark plug boot (1).
- Unscrew the spark plug.

14.2 Checking the Spark Plug



- Clean dirty spark plug.
- Check electrode gap (A) and readjust if necessary – see "Specifications".
- Rectify the problems which have caused fouling of the spark plug.

Possible causes are:
– Too much oil in fuel mix.
– Dirty air filter.
– Unfavorable running conditions.



WARNING

Arcing may occur if the adapter nut (1) is loose or missing. Working in an easily combustible or explosive atmosphere may cause a fire or an explosion. This can result result in serious injuries or damage to property.

- Use resistor type spark plugs with a properly tightened adapter nut.

14.3 Installing the spark plug

- Screw home the spark plug, fit the boot and press it down firmly.

15 Engine Running Behavior

If engine running behavior is unsatisfactory even though the air filter is clean and the carburetor is properly adjusted, the cause may be the muffler.

Have the muffler checked for contamination (carbonization) by your servicing dealer.

STIHL recommends that you have servicing and repair work carried out exclusively by an authorized STIHL servicing dealer.

16 Storing the Machine

For periods of 3 months or longer
- Drain and clean the fuel tank in a well ventilated area.
- Dispose of fuel properly in accordance with local environmental requirements.
- Run the engine until the carburetor is dry – this helps prevent the carburetor diaphragms sticking together.
- Thoroughly clean the machine – pay special attention to the cylinder fins and air filter.
- Store the machine in a dry, high or locked location, – out of the reach of children and other unauthorized persons.

17 Maintenance and Care

The following intervals apply to normal operating conditions only. If your daily working time is longer or operating conditions are difficult (very dusty work area, etc.), shorten the specified intervals accordingly.		before starting work	after finishing work or daily	after each refueling stop	weekly	monthly	every 12 months	if problem	if damaged	as required
Complete machine	Visual inspection (condition, leaks)	X		X						
	Clean		X							
Control handle	Check operation	X		X						
Air filter	Clean							X		
	Replace								X	
Manual fuel pump	Check	X								
	Have repaired by servicing dealer[1)]								X	
Pickup body in fuel tank	Have checked by servicing dealer[1)]							X		
	Have replaced by servicing dealer[1)]						X			X
Fuel tank	Clean					X				
Carburetor	Check idle adjustment	X		X						
	Readjust idle									X
Spark plug	Readjust electrode gap							X		
	Replace after every 100 operating hours									
Cooling inlet	Visual inspection		X							
	Clean									X
All accessible screws and nuts (not adjusting screws)	Retighten									X
Anti-vibration elements	Check	X						X		X
	Have replaced by servicing dealer [1)]								X	
Blower air intake screen	Check	X		X						
	Clean									X
Throttle cable	Adjust									X
Safety labels	Replace								X	
1)STIHL recommends an authorized STIHL servicing dealer.										

18 Minimize Wear and Avoid Damage

Observing the instructions in this manual helps reduce the risk of unnecessary wear and damage to the power tool.

The power tool must be operated, maintained and stored with the due care and attention described in this owner's manual.

The user is responsible for all damage caused by non-observance of the safety precautions, oper-

ating and maintenance instructions in this manual. This includes in particular:
– Alterations or modifications to the product not approved by STIHL.
– Using tools or accessories which are neither approved or suitable for the product or are of a poor quality.
– Using the product for purposes for which it was not designed.
– Using the product for sports or competitive events.
– Consequential damage caused by continuing to use the product with defective components.

18.1 Maintenance Work

All the operations described in the "Maintenance Chart" must be performed on a regular basis. If these maintenance operations cannot be performed by the owner, they should be performed by a servicing dealer.

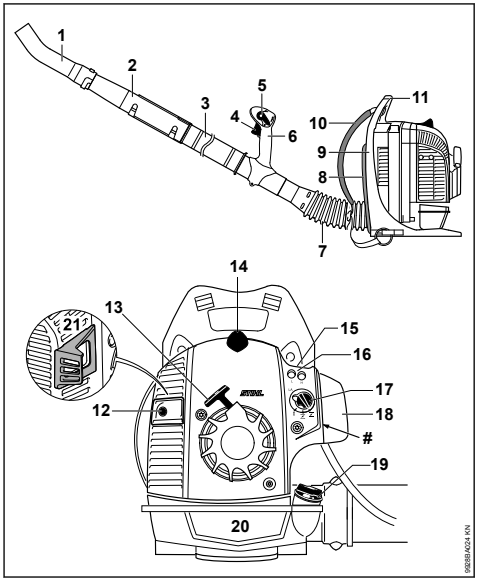
STIHL recommends that you have servicing and repair work carried out exclusively by an authorized STIHL servicing dealer. STIHL dealers are regularly given the opportunity to attend training courses and are supplied with the necessary technical information.

If these maintenance operations are not carried out as specified, the user assumes responsibility for any damage that may occur. Among other parts, this includes:
– Damage to the engine due to neglect or deficient maintenance (e.g. air and fuel filters), incorrect carburetor adjustment or inadequate cleaning of cooling air inlets (intake ports, cylinder fins).
– Corrosion and other consequential damage resulting from improper storage.
– Damage to the machine resulting from the use of poor quality replacement parts.

18.2 Parts Subject to Wear and Tear

Some parts of the power tool are subject to normal wear and tear even during regular operation in accordance with instructions and, depending on the type and duration of use, have to be replaced in good time. Among other parts, this includes:
– Filters (air, fuel)
– Rewind starter
– Spark plug
– Damping elements of anti-vibration system

19 Main Parts



1 Nozzle, curved
2 Blower tube
3 Blower tube
4 Throttle trigger
5 Setting lever
6 Control handle
7 Pleated hose
8 Back padding
9 Backplate
10 Harness
11 Carrying handle
12 Muffler
13 Starter grip
14 Spark plug boot
15 Manual fuel pump
16 Carburetor adjusting screws
17 Choke knob
18 Filter cover
19 Tank cap
20 Fuel tank
21 Spacer [1)]
Serial number

20 Specifications

20.1 Engine

Single-cylinder two-stroke engine

Displacement:	27.2cm^3
Cylinder bore:	34 mm
Piston stroke:	30 mm
Idle speed:	2500 rpm
Engine power to ISO 7293:	0.8 kW (1.1 bhp)

20.2 Ignition system

Electronic magneto ignition

Spark plug (suppressed):	NGK CMR 6 H, BOSCH USR 4AC
Electrode gap:	0.5 mm

20.3 Fuel system

All-position diaphragm carburetor with integral fuel pump

Fuel tank capacity:	1050 cm^3 (1.05 l)

20.4 Blowing performance

Blowing force:	12 N
Air velocity	56 m/s
Air throughput:	680 m^3/h
Maximum air speed**	67 m/s
Maximum air flow rate without blower tube:	800 m^3/h

20.5 Weight

Without fuel:	5.8 kg

20.6 Noise and Vibration Data

Noise and vibration data are measured at idling and maximum rated speed in a ratio of 1:6.

For further details on compliance with Vibration Directive 2002/44/EC see www.stihl.com/vib/

20.7 Sound pressure level L_{peq} to DIN EN 15503:2010

96 dB(A)

20.8 Sound power level L_{weq} to DIN EN 15503:2010

103 dB(A)

20.9 Vibration measurement $a_{hv,eq}$ to DIN EN 15503:2010

Handle: 3.0 m/s^2

The K-factor in accordance with Directive 2006/42/EC is 2.0 dB(A) for the sound pressure level and sound power level; the K-factor in accordance with Directive 2006/42/EC is 2.0 m/s^2 for the vibration level.

20.10 REACH

REACH is an EC regulation and stands for the Registration, Evaluation, Authorisation and Restriction of Chemical substances.

For information on compliance with the REACH regulation (EC) No. 1907/2006 see www.stihl.com/reach.

20.11 Exhaust Emissions

The CO_2value measured in the EU type approval procedure is specified at www.stihl.com/co2.

The measured CO_2value was determined on a representative engine in accordance with a standardized test procedure under laboratory conditions and does not represent either an explicit or implied guarantee of the performance of a specific engine.

The applicable exhaust emission requirements are fulfilled by the intended usage and maintenance described in this instruction manual. The type approval expires if the engine is modified in any way.

21 Maintenance and Repairs

Users of this machine may only carry out the maintenance and service work described in this user manual. All other repairs must be carried out by a servicing dealer.

STIHL recommends that you have servicing and repair work carried out exclusively by an authorized STIHL servicing dealer. STIHL dealers are regularly given the opportunity to attend training courses and are supplied with the necessary technical information.

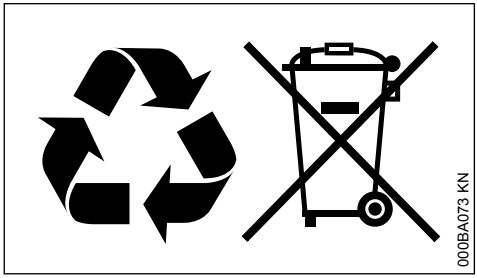
When repairing the machine, only use replacement parts which have been approved by STIHL for this power tool or are technically identical. Only use high-quality replacement parts in order to avoid the risk of accidents and damage to the machine.

STIHL recommends the use of original STIHL replacement parts.

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

22 Disposal

Observe all country-specific waste disposal rules and regulations.



STIHL products must not be thrown in the garbage can. Take the product, accessories and packaging to an approved disposal site for environment-friendly recycling.

Contact your STIHL servicing dealer for the latest information on waste disposal.

23 EC Declaration of Conformity

ANDREAS STIHL AG & Co. KG
Badstr. 115
D-71336 Waiblingen

Germany

declare under our sole responsibility that

Designation:	Blower
Make:	STIHL
Series:	BR 200
Serial identification number:	4241
Displacement:	27.2cm^3

conforms to the relevant provisions of Directives 2011/65/EU, 2006/42/EC, 2014/30/EU and 2000/14/EC and has been developed and manufactured in compliance with the following standards in the versions valid on the date of production:

EN ISO 12100, EN 15503, EN 55012, EN 61000-6-1

The measured and the guaranteed sound power level have been determined in accordance with Directive 2000/14/EC, Annex V, and standard ISO 11094.

Measured sound power level

103 dB(A)

Guaranteed sound power level

105 dB(A)

Technical documents deposited at:

ANDREAS STIHL AG & Co. KG
Produktzulassung

The year of manufacture and serial number are applied to the product.

Waiblingen, 15.07.2021

ANDREAS STIHL AG & Co. KG

pp



Dr. Jürgen Hoffmann

Director Product Certification & Regulatory Affairs

CE

24 UKCA Declaration of Conformity

ANDREAS STIHL AG & Co. KG
Badstr. 115
D-71336 Waiblingen

Germany

declare under our sole responsibility that

Designation:	Blower
Make:	STIHL
Series:	BR 200
Serial identification number:	4241
Displacement:	27.2cm^3

conforms to the relevant provisions of UK regulations The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012, Supply of Machinery (Safety) Regulations 2008, Electromagnetic Compatibility Regulations 2016 and Noise Emission in the Environment by Equipment for use Outdoors Regulations 2001 and has been manufactured in compliance with the following standards in the versions valid on the date of production:

EN ISO 12100, EN 15503, EN 55012, EN 61000-6-1

The measured and guaranteed sound power levels were determined in accordance with the UK regulation Noise Emission in the Environment by Equipment for Use Outdoors Regulations 2001, Schedule 8, using the ISO 11094 standard.

Measured sound power level

103 dB(A)

Guaranteed sound power level

105 dB(A)

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ANDREAS STIHL AG & Co. KG

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Waiblingen, 15.07.2021

ANDREAS STIHL AG & Co. KG

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Dr. Jürgen Hoffmann

Director Product Certification & Regulatory Affairs

UK CA



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