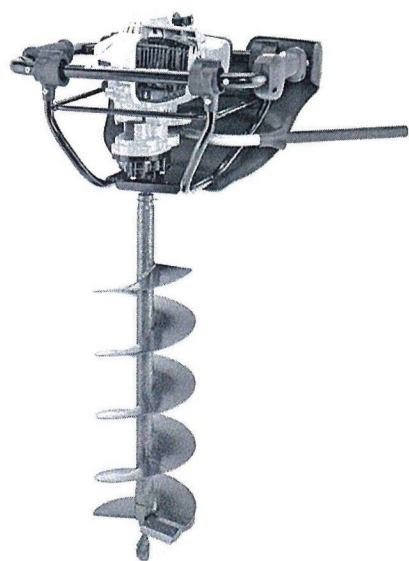


BT 131

STIHL



2 - 21 Instruction Manual



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

Do not lend or rent your power tool without the User Manual. Be sure that anyone using it understands the information contained in this manual.

The use of machines that emit noise may be limited to certain hours of the day as specified by national and/or regional or local regulations.

Anyone operating the machine must be well rested, in good physical health and in good mental condition.

If you have any condition that might be aggravated by strenuous work, check with your doctor before operating a machine.

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. STIHL recommends that persons with pacemakers consult their physician and the pacemaker manufacturer to reduce any health risk.

Anyone who has consumed alcohol or drugs or medicines affecting their ability to react must not operate a power tool.

Use your power tool only for drilling holes in soil, ice and wood – depending on the drilling tool mounted. Select the drill axis so that the lever of the drill brake can be supported on the thigh of the operator at any time during drilling.

It must not be used for any other purposes.

Before drilling, make sure that there are no lines (e. g. for gas, water, electricity) at the drilling sites:

- Obtain information from the local utility companies
- If in doubt, check the existence of lines with detectors or test excavations

Only use augers or accessories which have been approved by STIHL for this machine or which are technically equivalent. 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 machine.

STIHL recommends the use of original STIHL tools 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.

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 Clothing and equipment

Wear proper protective clothing and equipment.



Clothing must be sturdy but allow complete freedom of movement. Wear close-fitting clothes such as a boiler suit, not a loose jacket.

Do not wear clothing which could become trapped in wood, brush or moving parts of the machine. Do not wear a scarf, necktie or jewelry.



Tie up and confine long hair above your shoulders.



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 hearing protection, e.g. ear defenders.

Wear a safety hard hat where there is a danger of head injuries from falling objects.



Wear sturdy protective gloves made of a resistant material (e. g. leather).

STIHL can supply a comprehensive range of personal protective equipment.

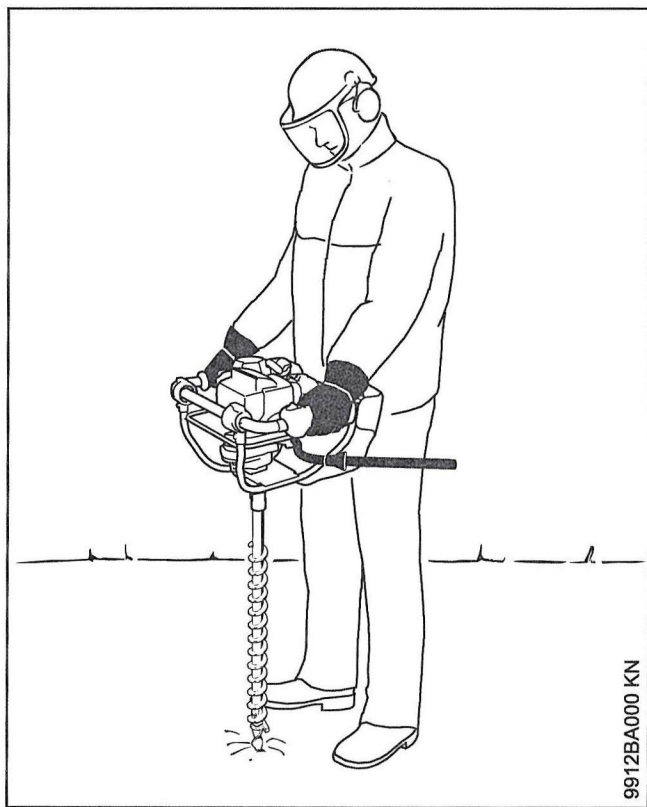
2.2 Transporting the machine

Always stop the engine.

Remove the auger before transporting the power tool long distances. **To reduce the risk of burn injury**, carry the unit by the handle frame with hot parts of the machine (e.g. gearbox) away from your body.

By vehicle: When transporting in a vehicle, properly secure your machine to prevent turnover, damage and fuel spillage.

2.6 Holding and guiding the machine



Always hold the unit firmly with both hands on the handles.

Ensure you always have a firm and safe footing – drill brake on left thigh.

Firmly grasp the handles with the thumbs, left hand on control handle.

2.7 While working

Make sure you always have good balance and secure footing.

In the event of impending danger or in an emergency, switch off the engine immediately by pressing the stop switch.

Do not allow any other persons in the work area. Keep well away from other people – **risk of accidents!**

Check for correct idling, so that the auger stops turning when the throttle trigger is released.

Check and correct the idle speed setting at regular intervals. If the drilling tool continues to rotate when the engine is idling, have the machine checked by your servicing dealer. STIHL recommends STIHL dealers.

Take special care in slippery conditions – **dampness, snow, ice**, on slopes or uneven ground.

Watch out for obstacles: tree stumps, roots – **risk of tripping or stumbling!**

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

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

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



As soon as the engine is running, the power machine generates toxic exhaust gas. 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. **This reduces the risk of serious or fatal injury from breathing toxic fumes.**

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!**

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.

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.

Dust, fumes and smoke produced while working may be hazardous to your health. Wear respiratory protection in case of heavy dust or smoke emission.

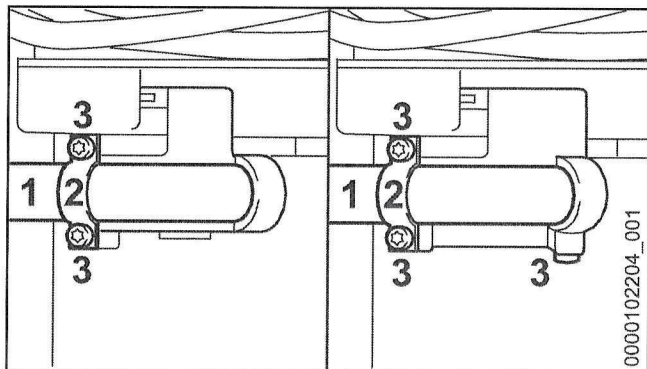
If your power tool is subjected to unusually high loads for which it was not designed (e.g. heavy impact or a fall), always check that it is in good condition before continuing work – see also "Before Starting".

Check in particular that the fuel system has no leaks and the safety equipment is fully operative. Never use a power tool that is no longer safe to operate. In case of doubt, contact a dealer.

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

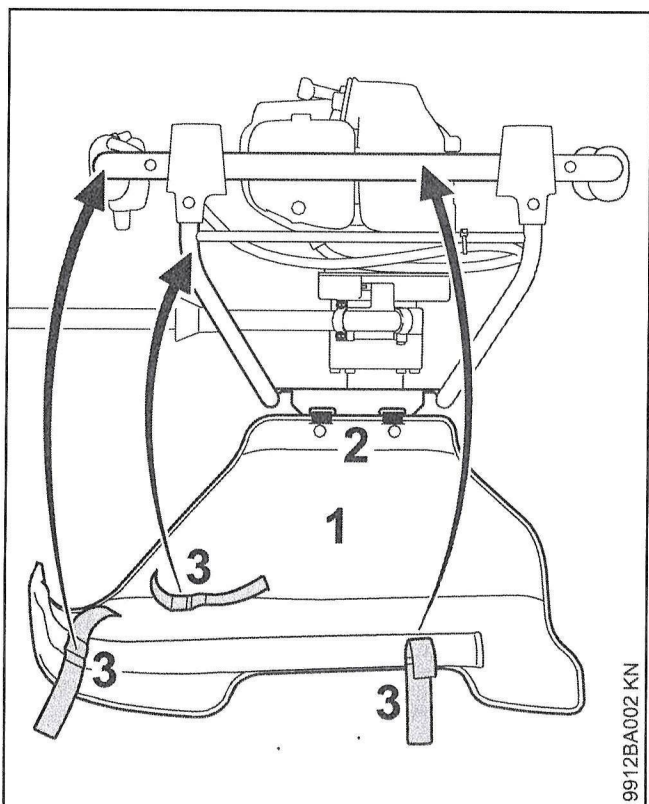
3 Assembling the Unit

3.1 Fitting the activating lever for the drill brake

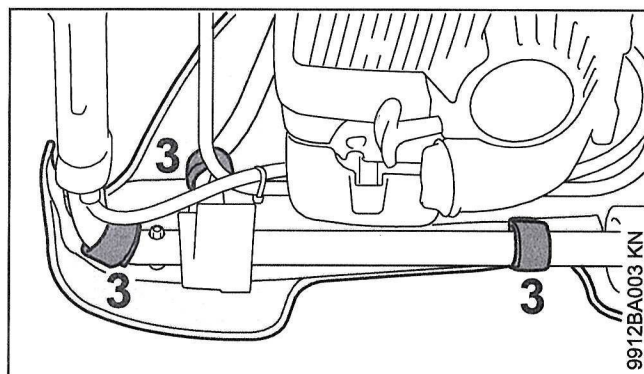


- ▶ Insert the activating lever (1) into the clamp
- ▶ Place the holder (2) onto the activating lever
- ▶ Screw in the fastening screws (3) and tighten

3.2 Fitting the support cushion



- ▶ Hook the support cushion (1) by the tabs (2) into the oblong holes in the handle frame
- ▶ Fold up the support cushion

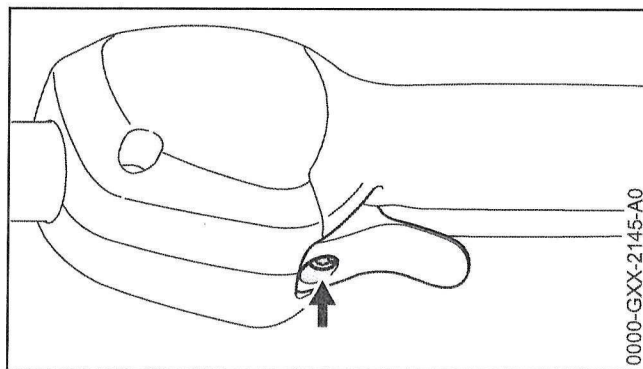


- ▶ Secure the support cushion to the handlebar with the cling strips (3) – do not jam the throttle cable

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 machine is completely and properly assembled.



- ▶ Set the throttle trigger to the full throttle position.
- ▶ Rotate the screw in the throttle trigger clockwise until you feel initial resistance. Then rotate it another half turn in the same direction.

5 Fuel

The engine requires a mixture of gasoline and engine oil.



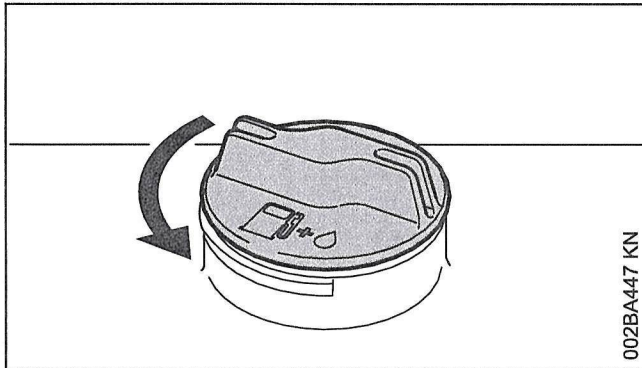
WARNING

Avoid direct skin contact with fuel and breathing in of gasoline fumes.

5.1 STIHL MotoMix

STIHL recommends using STIHL MotoMix. This pre-blended fuel is free of benzene and lead, is distinguished by a high octane rating, and always provides the proper mixing ratio.

6.2 Opening the Tank Cap



002BA447 KN

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

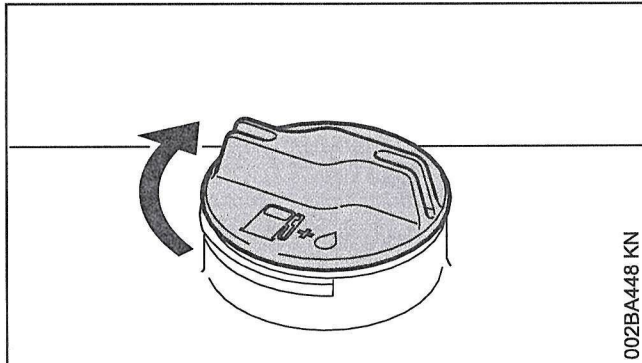
6.3 Filling Up with Fuel

Take care not to spill fuel while fueling and do not overfill the tank.

STIHL recommends you use the STIHL filler nozzle for fuel (special accessory).

- Fill up with fuel.

6.4 Closing the Tank Cap

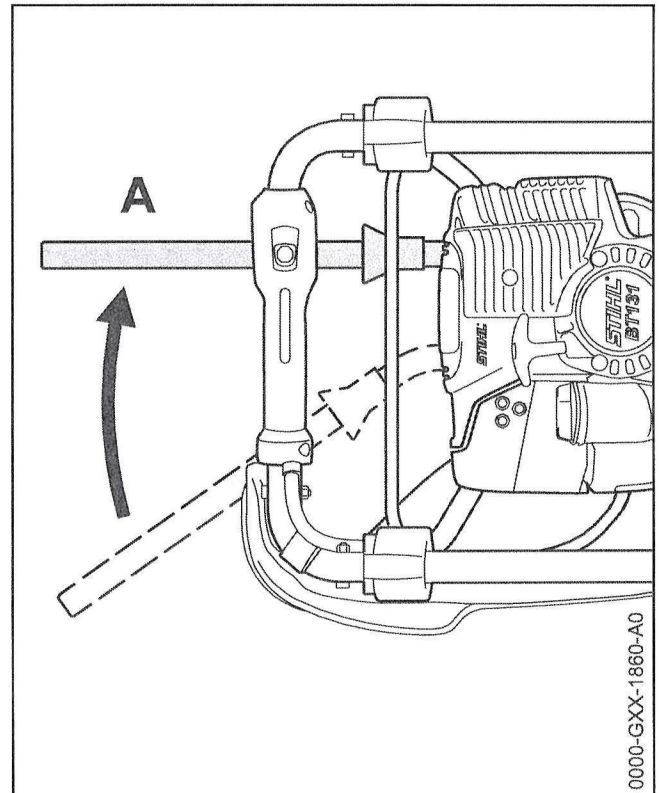


002BA448 KN

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

7 Auger Brake

7.1 Engaging the Auger Brake



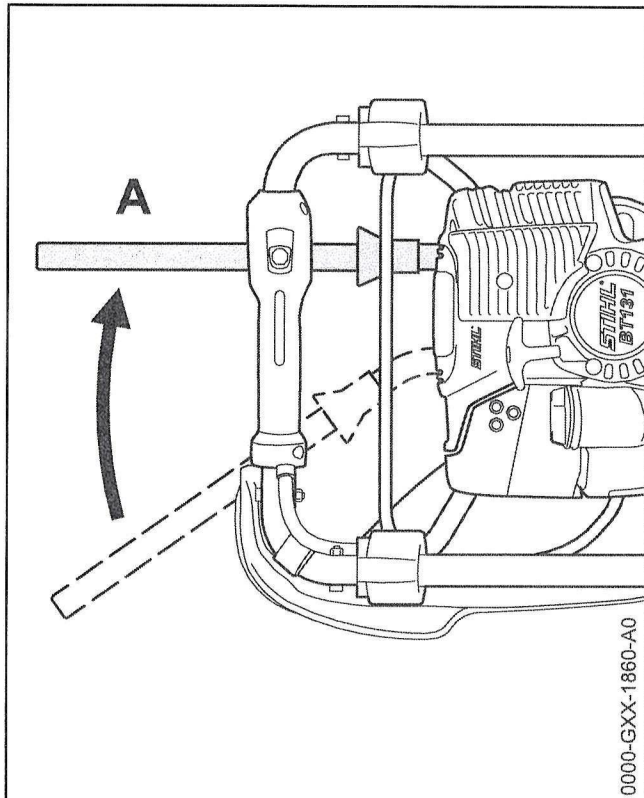
0000-GXX-1860-A0

- Move the activating lever to position A .
 - when starting
 - at idling speed
 - to unwind a trapped auger

If the auger snags on an obstacle in the hole (e.g. roots or stones) the machine will begin to turn counterclockwise – the activating lever is pressed against the operator's thigh and thus engages the auger brake.

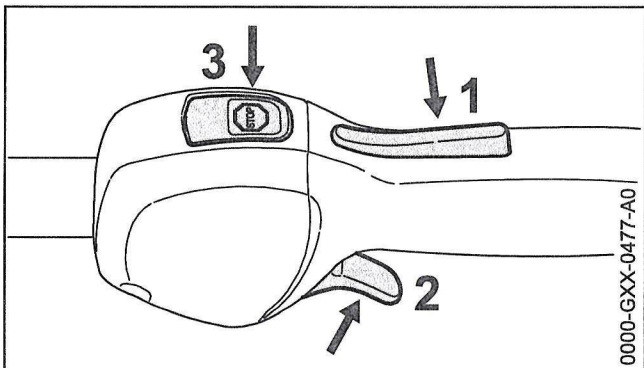
9 Starting / Stopping the Engine

9.1 Engaging the Auger Brake



- Move the activating lever to position A. Auger brake is engaged and auger is blocked.

9.2 Controls



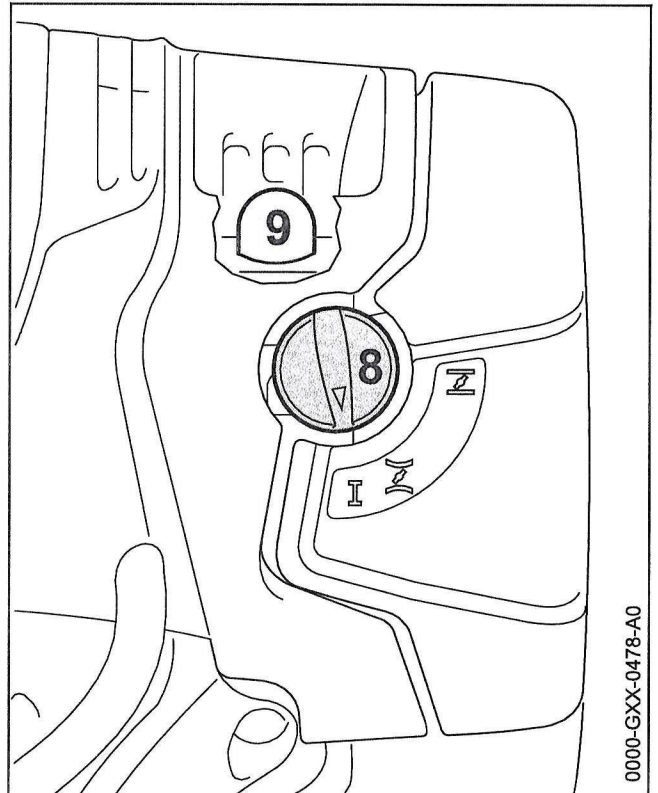
- 1 Throttle trigger lockout
- 2 Throttle trigger
- 3 Stop switch with Run and Stop positions. Depress the stop switch (⊖) to switch off the ignition – see "Function of Stop Switch and Ignition System".

9.2.1 Function of Stop Switch and Ignition System

The stop switch is normally in the Run position, i.e. when it is not depressed: The ignition is

switched on – the engine is ready to start. Operate the stop switch to switch off the ignition. The ignition is switched on again automatically after the engine stops.

9.3 Starting the Engine



- Press the manual fuel pump bulb (9) at least five times – even if the bulb is already filled with fuel.
- Press home the choke knob (8) and turn it to the required position – it must engage
 I if the engine is cold
 II for warm start – also use this position if the engine has been running but is still cold.