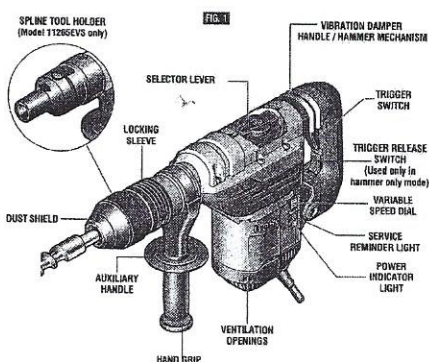


Functional Description and Specifications

WARNING Disconnect the plug from the power source before making any assembly, adjustments or changing accessories. Such preventive safety measures reduce the risk of starting the tool accidentally.

Combination Hammer



Model number	1126SEVS	1126SEVS
Shank style	SDS Max	Spline
Maximum Capacities:		
Carbide tipped bits	1 5/8"	1 5/8"
Thick wall core bits	4"	4"

NOTE: For tool specifications refer to the nameplate on your tool.

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Assembly

INSTALLING ACCESSORIES

Clean the insert shank end of the accessory to remove any debris, then lightly grease with a light oil or lubricant.

(Model 1126SEVS)

Insert accessory into the tool holder, while twisting and pushing inward until it locks automatically into place (Fig. 2).

(Model 1126SEVS)

To install hex round chisel, align flat on chisel with alignment mark on tool holder, then push chisel into tool holder until it locks automatically into place. Pull outward on the accessory to be certain it is locked into the tool holder (Fig. 3).

REMOVING ACCESSORIES

WARNING Accessories may be hot after use. Avoid contact with skin and use proper protective gloves or cloth to remove.

(Model 1126SEVS)

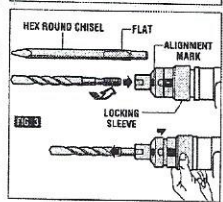
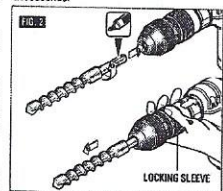
To remove an accessory, pull locking sleeve backward until it locks into place, then pull it forward. All accessories should be wiped clean after removing (Fig. 2).

(Model 1126SEVS)

To remove an accessory, pull and hold locking sleeve backward and pull bit forward. All accessories should be wiped clean after removing (Fig. 3).

NOTE: The high efficiency available from the rotary hammers can only be obtained if sharp and undamaged accessories are used. The "cost" to maintain sharp and undamaged

accessories is more than offset by the "time saved" in operating the tool with sharp accessories.



AUXILIARY HANDLE

The tool must be supported with the auxiliary handle, which can be swiveled 560°. To reposition and/or swivel the handle, loosen the hand grip, move the handle to the desired position along the barrel and securely re-tighten the hand grip.

VIBRATION DAMPER HANDLE / HAMMER MECHANISM

The integrated vibration damper in the main handle and hammer mechanism reduces vibrations (Fig. 1).

Operating Instructions

POWER INDICATOR LIGHT

When you plug your tool into the power source, the power indicator light will go "ON" indicating the tool is receiving power.

SLIP CLUTCH

The tool has a internal pre-set slip clutch. The output spindle will stop rotating if the accessory binds and overloads the tool.

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TRIGGER CONTROLLED VARIABLE SPEED

Your tool is equipped with a variable speed trigger switch. The tool speed can be controlled from minimum to maximum nameplate rated RPM by the pressure you apply to the trigger. Apply more pressure to increase the speed and release pressure to decrease speed (Fig. 1).

TRIGGER RELEASE SWITCH

Your tool is also equipped with a "Lock-ON" feature when the selector dial is in the Hammering Only mode which allows continuous operation without holding the trigger.

TO LOCK TOOL "ON": turn the selector dial to the Hammering Only mode and squeeze the trigger switch until it locks (Fig. 1).

TO TURN TOOL "OFF": press the trigger release switch and the trigger will return to the "OFF" position automatically.

To increase switch life, do not turn switch on and off while tool is under load.

VARIABLE SPEED DIAL

Your tool is equipped with a variable speed dial. The speed and impact force can be adjusted by rotating the dial. Higher speeds and impact force work best for faster penetration when drilling or chiseling in hard masonry material. Slower speeds work best to reduce breakout when bits exit material being drilled or chiseling material such as plaster or tile (Fig. 1).

Regardless of the pressure applied on the trigger, the tool will not operate any faster than maximum speed setting selected.

AUTO-MAX™

The patented Bosch Auto-Max system insures that each time your tool is plugged in and receiving power, it will operate at maximum speed and impact force.

WARNING When the power cord is unplugged from the mains

outlet or when branch-circuit power is interrupted, the electronic controller will automatically reset the tool to maximum speed and impact force. Unexpected starting at maximum operating speed and impact force could startle the operator and lead to potential injury.

"TURBO" FEATURE

In the "Hammer Only" mode power is automatically increased 20% when the tool is turned on to provide maximum chiselling performance.

CONSTANT RESPONSE CIRCUITRY

The internal electronic feedback system provides a "soft start", which will reduce the stresses that occur from a high torque start. The system also helps to keep the pre-selected impact rate and rotating speed virtually constant between no-load and load conditions.

SELECTOR LEVER

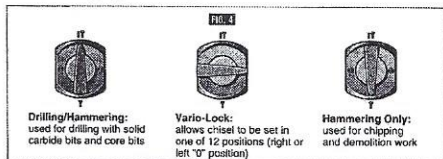
The selector lever allows the tool to be set for various applications as listed in the following chart (Fig. 4).

When using demolition or chipping bits such as bull points, chisels, spades, gouges, etc. the "Hammer Only" mode must be selected.

SELECTOR LEVER - "VARIO-LOCK"

The vario-lock can be set in any one of twelve positions (30° increments). Choose a position which is best suited for your operation. The Vario-Lock position is intended for use with chipping bits such as bull points, spades, gouges, etc.

Turn the selector lever, to the "vario-lock" setting. Next, rotate the locking sleeve, along with the accessory, to the desired position. Then turn the selector lever to the "hammer only" setting and slightly turn the locking sleeve to have it automatically lock into a definite position.



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General Power Tool Safety Warnings

WARNING Read all safety warnings and instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE

The term "power tool" in all of the warnings listed below refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

Work area safety

Keep work area clean and well lit. Cluttered or dark areas invite accidents.

Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.

Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

Electrical safety

Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.

Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.

Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.

Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or frayed cords increase the risk of electric shock.

When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.

If operating the power tool in damp locations is unavoidable use a Ground Fault Circuit Interrupter (GFCI) protected supply. Use of a GFCI reduces the risk of electric shock.

GFCI and personal protection devices like electrician's rubber gloves and footwear will further enhance your personal safety.

Do not use AC only rated tools with a DC power supply. While the tool may appear to work, the electrical components of the AC rated tool are likely to fail and create a hazard to the operator.

Personal safety

Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.

Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and / or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or plugging in power tools that have the switch on invites accidents.

Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.

Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.

Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewelry or long hair can be caught in moving parts.

If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of dust collection can reduce dust-related hazards.

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Keep handles dry, clean and free from oil and grease. Slippery hands cannot safely control the power tool.

Power tool use and care
Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.

Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.

Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.

Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.

Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tools operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.

Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting

edges are less likely to bind and are easier to control.

Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.

Use clamps or other practical way to secure and support the workplace to a stable platform. Holding the work by hand or against your body is unstable and may lead to loss of control.

Service

Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

Develop a periodic maintenance schedule for your tool. When cleaning a tool be careful not to disassemble any portion of the tool since internal wires may be misplaced or pinched or safety guard return springs may be improperly mounted. Certain cleaning agents such as gasoline, carbon tetrachloride, ammonia, etc. may damage plastic parts.

Risk of injury to user, power cord must only be serviced by a Bosch Factory Service Center or Authorized Bosch Service Station.

SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE

Combination Hammer Safety Rules

Wear ear protectors. Exposure to noise can cause hearing loss.

Use auxiliary handles supplied with the tool. Loss of control can cause personal injury.

Hold power tools by insulated gripping surfaces when performing an operation where the cutting tool may contact hidden wiring or its own cord. Contact with a "live" wire will make exposed metal parts of the tool "live" and shock the operator. Do not drill, fasten or break into existing walls or other blind areas where electrical wiring may exist. If this

situation is unavoidable, disconnect all fuses or circuit breakers feeding this work area.

Use a metal detector to determine if there are gas or water pipes hidden in the work area or call the local utility company for assistance before beginning the operation. Striking or cutting into a gas line will result in explosion. Water entering an electrical device may cause electrocution.

Always use the side handle for maximum control over torque reaction or kick-back. Never attempt to operate this tool with one

hand. The slip clutch engages if you firmly control the tool during a torque reaction or kickback.

Always wear safety goggles or eye protection when using this tool. Use a dust mask or respirator for applications which generate dust. Safety goggles or eye protection will help deflect fragments of the material that may be thrown toward your face and eyes. Dust generated or gases released from the material you are cutting (i.e. asbestos insulated pipes, radon) may cause respiratory difficulties.

Use thick cushioned gloves and limit the exposure time by taking frequent rest periods. Vibration caused by hammer-drill action may be harmful to your hands and arms.

Position the cord clear of rotating bit. Do not wrap the cord around your arm or wrist. If cord becomes entangled with the spinning bit it could entrap you causing serious personal injury.

Position yourself to avoid being caught between the tool or side handle and walls or posts. Should the bit become bound or jammed in the work, the reaction torque of the tool could crush your hand or leg.

Do not strike the bit with a handheld hammer or sledge hammer when attempting to dislodge a bound or jammed bit. Fragments of metal from the bit could dislodge and strike you or bystanders.

Never place the tool down until the bit or accessory have come to a complete stop.

Do not use dull or damaged bits and accessories. Dull or damaged bits have a greater tendency to bind in the workplace.

When removing the bit from the tool avoid contact with skin and use proper protective gloves when grasping the bit or accessory. Accessories may be hot after prolonged use.

Do not run the tool while carrying it at your side. The spinning drill bit may become entangled with clothing and injury may result.

WARNING Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- Lead from lead-based paints,
- Crystalline silica from bricks and cement and other masonry products, and
- Arsenic and chromium from chemically-treated lumber.

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals, work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.