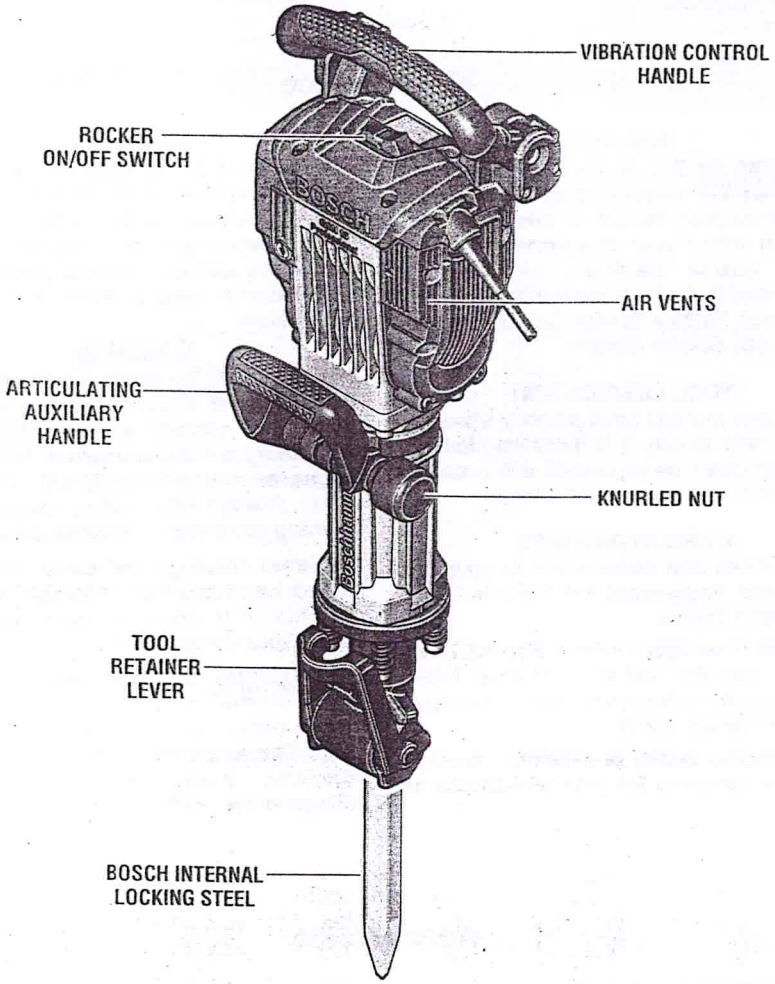
⚠ WARNING Disconnect the plug from the power source before making any assembly, adjustments or changing accessories. Such preventive safety measures reduce the risk of starting the tool accidentally.

Demolition Hammer

FIG. 1



Model number	11335K
Voltage rating	120 V ~ 50 - 60Hz
Amperage rating	15.0 A
No load speed	1,300 BPM
Shank style	Standard 1-1/8" hex, air tool steel or Bosch internal locking steel.

ARTICULATING AUXILIARY HANDLE

The articulating auxiliary handle can be turned to any position. Loosen the knurled nut, rotate the handle around the tool to the desired position and securely tighten the knurled nut (Fig 1).

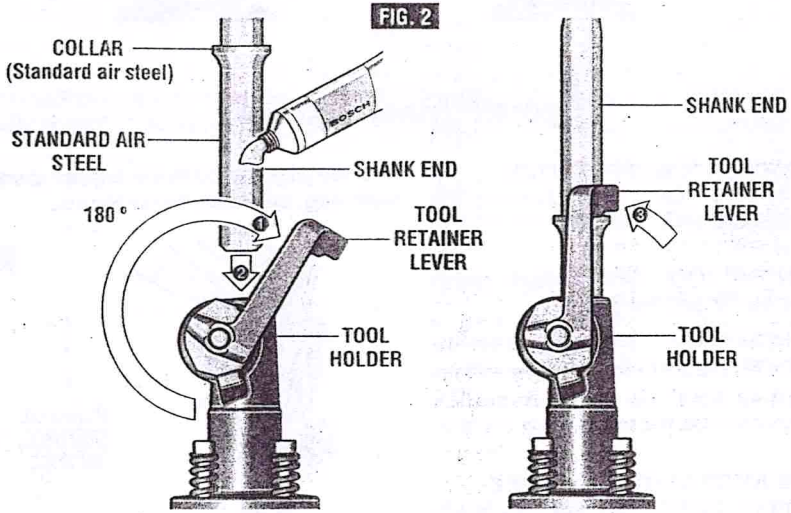
The articulating auxiliary handle can also be mounted to face the other side of the tool. Completely unscrew the knurled nut and then pull out the hexagon bolt upward. Pull off the handle to the side and tilt the remaining clamping element by 180°. Mount the handle in reverse order.

INSTALLING ACCESSORIES

Clean the insert shank end of the accessory to remove any debris, then lightly grease with a light oil or lubricant. If work is to be done where the accessories are changed frequently and laid in dirt, sand or concrete dust, it is best not to grease the shank after wiping clean.

To lock **standard air steel in place**, lower the tool retainer lever all the way down and around the bottom and raise lever all the way up to the opposite side. To lock, insert air steel up to the striker and lower the retainer lever around the shank below the accessory collar as shown in figure 2.

FIG. 2



To lock **Bosch internal locking steel** in place, lower tool retainer until you can slide the internal locking steel up to the striker. **NOTE:** notch on internal locking steel should always face toward the retainer lever. To lock, raise the tool retainer lever all the way up as shown in figure 3.

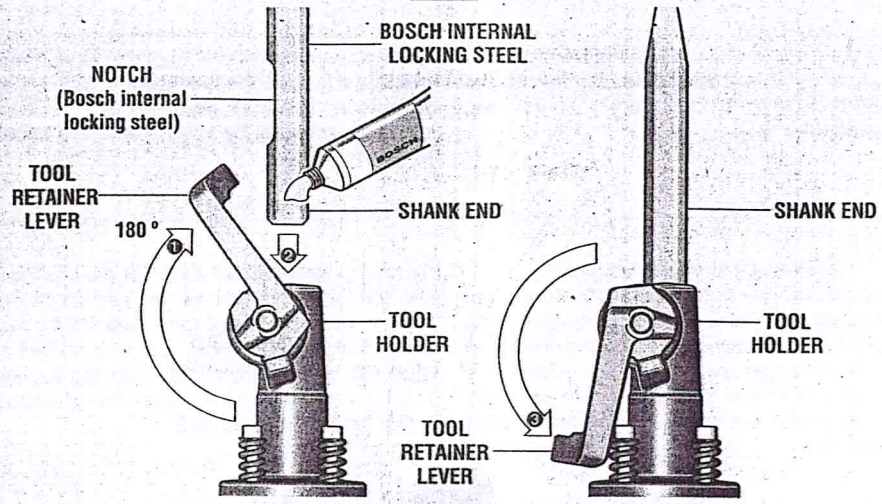
NOTE: The high efficiency available from the rotary hammers can only be obtained if sharp and undamaged accessories are used. The "cost" to maintain sharp and undamaged accessories is more than offset by the "time saved" in operating the tool with sharp accessories.

REMOVING ACCESSORIES

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

To remove an accessory, reverse the previous directions. All accessories should be wiped clean after removing.

FIG. 3



Operating Instructions

ROCKER "ON/OFF" SWITCH

TO TURN THE TOOL "ON" depress the dust-protected switch to the number "I" position.

TO TURN THE TOOL "OFF": depress switch to the number "0" position (Fig. 1).

For low temperatures, the machine reaches the full impact rate only after a certain time.

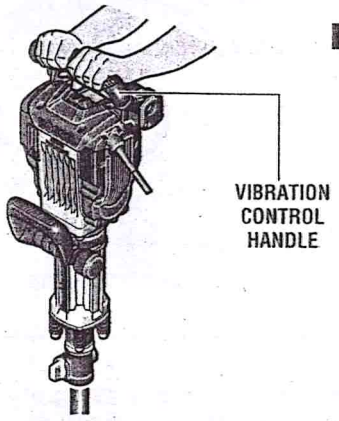
This start-up time can be shortened by striking the chisel in the tool against the floor one time.

VIBRATION CONTROL HANDLE

While working, hold the tool with both hands by the handle. The handle can move upward and downward around its axis by approx. 30 mm. This has a damping effect against vibrations (Fig. 4).

For the highest possible impact damping, work only with moderate pressure.

FIG. 4



"TOOL TIPS"

The tool may be switched on with either hand. Balance the tool with both hands and rest the tool on the hip.

For the best penetration rates in concrete, run the tool with a steady pressure, but do not use excessive force as this will decrease the efficiency of the tool. Start chipping with the tool in a straight in position until the surface to be broken is chipped. Draw the hammer back at an angle of 60° with the surface to be broken. Apply only enough force to keep the tool weight on the accessory

All grease packed hammers require a short period of time to warm up. Depending on the room temperature, this time may vary from approximately 15 seconds (90°F) to 2 minutes (32°F). A new hammer requires a break-in period before full performance is realized. This period may require up to 5 hours of operation.

Avoid no load running of the tool. No load or "empty blows" is the most damaging factor to any impact hammer.

As earlier pointed out, sharp accessories as well as clean air vents are necessary for efficient operation. Establish and follow a set maintenance program.

Maintenance

Service

⚠ WARNING **Preventive maintenance performed by unauthorized personnel may result in misplacing of internal wires and components which could cause serious hazard.** We recommend that all tool service be performed by a Bosch Factory Service Center or Authorized Bosch Service Station.

TOOL LUBRICATION

Your Bosch tool has been properly lubricated and is ready to use. It is recommended that tools with gears be regreased with a special gear lubricant at every brush change.

CARBON BRUSHES

The brushes and commutator in your tool have been engineered for many hours of dependable service.

Your tool is equipped with a Pop-out brush system. The tool will shut off when brush replacement, lubrication and preventive maintenance are needed.

Only genuine Bosch replacement brushes specially designed for your tool should be used.

BEARINGS

Every second brush change, the bearings should be replaced at Bosch Factory Service Center or Authorized Bosch Service Station. Bearings which become noisy (due to heavy load or very abrasive material cutting) should be replaced at once to avoid overheating or motor failure.

Cleaning

⚠ WARNING **To avoid accidents always disconnect the tool from the power supply before cleaning or performing any maintenance.** The tool may be cleaned most effectively with compressed dry air. **Always wear safety goggles when cleaning tools with compressed air.**

Ventilation openings and switch levers must be kept clean and free of foreign matter. Do not attempt to clean by inserting pointed objects through openings.

⚠ CAUTION **Certain cleaning agents and solvents damage plastic parts.** Some of these are: gasoline, carbon tetrachloride, chlorinated cleaning solvents, ammonia and household detergents that contain ammonia.

Accessories

⚠ WARNING **If an extension cord is necessary, a cord with adequate size conductors that is capable of carrying the current necessary for your tool must be used.** This will prevent excessive voltage drop, loss of power or overheating. Grounded tools must use 3-wire extension cords that have 3-prong plugs and receptacles.

NOTE: The smaller the gauge number, the heavier the cord.

RECOMMENDED SIZES OF EXTENSION CORDS 120 VOLT ALTERNATING CURRENT TOOLS

Tool's Ampere Rating	Cord Size in A.W.G.				Wire Sizes in mm²			
	Cord Length in Feet				Cord Length in Meters			
	25	50	100	150	15	30	60	120
3-6	18	16	16	14	0.75	0.75	1.5	2.5
6-8	18	16	14	12	0.75	1.0	2.5	4.0
8-10	18	16	14	12	0.75	1.0	2.5	4.0
10-12	16	16	14	12	1.0	2.5	4.0	—
12-16	14	12	—	—	—	—	—	—