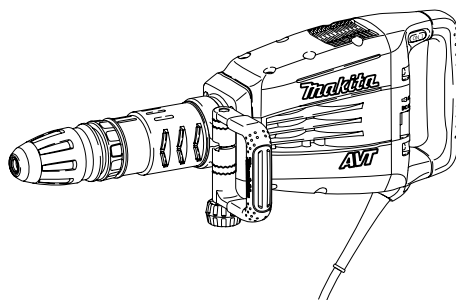


MANUAL



# Demolition Hammer

HM1214C



DOUBLE INSULATION

**⚠ WARNING:**

For your personal safety, READ and UNDERSTAND before using.  
SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE.

## SPECIFICATIONS

Model	HM1214C
Blows per minute	950 - 1,900
Overall length	700 mm (27-1/2")
Net weight	12.3 kg (27.1 lbs)

- Due to our continuing programme of research and development, the specifications herein are subject to change without notice.
- Note: Specifications may differ from country to country.
- Weight according to EPTA-Procedure 01/2003

GEA008-1

## General Power Tool Safety

### Warnings

**⚠ WARNING** Read all safety warnings and all 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 the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

#### Work area safety

1. **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
2. **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.
3. **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

#### Electrical Safety

4. **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.
5. **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.
6. **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
7. **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 entangled cords increase the risk of electric shock.

8. **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.
9. **If operating a power tool in a damp location is unavoidable, use a ground fault circuit interrupter (GFCI) protected supply.** Use of an GFCI reduces the risk of electric shock.

#### Personal Safety

10. **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.
11. **Use personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
12. **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 energising power tools that have the switch on invites accidents.
13. **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.
14. **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
15. **Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing, and gloves away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
16. **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.

**Power tool use and care**

17. **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.
18. **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.
19. **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.
20. **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.
21. **Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** Many accidents are caused by poorly maintained power tools.

22. **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
23. **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.

**SERVICE**

24. **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.
25. **Follow instruction for lubricating and changing accessories.**
26. **Keep handles dry, clean and free from oil and grease.**

USE PROPER EXTENSION CORD. Make sure your extension cord is in good condition. When using an extension cord, be sure to use one heavy enough to carry the current your product will draw. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating. Table 1 shows the correct size to use depending on cord length and nameplate ampere rating. If in doubt, use the next heavier gage. The smaller the gage number, the heavier the cord.

**Table 1: Minimum gage for cord**

Ampere Rating		Volts	Total length of cord in feet			
		120 V	25 ft.	50 ft.	100 ft.	150 ft.
More Than	Not More Than		AWG			
0	6		18	16	16	14
6	10		18	16	14	12
10	12		16	16	14	12
12	16		14	12	Not Recommended	

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**SPECIFIC SAFETY RULES**

**DO NOT let comfort or familiarity with product (gained from repeated use) replace strict adherence to hammer safety rules. If you use this tool unsafely or incorrectly, you can suffer serious personal injury.**

1. **Wear ear protectors.** Exposure to noise can cause hearing loss.
2. **Use auxiliary handle(s), if supplied with the tool.** Loss of control can cause personal injury.
3. **Hold power tool by insulated gripping surfaces, when performing an operation where the cutting accessory may contact hidden**

wiring or its own cord. Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.

4. **Wear a hard hat (safety helmet), safety glasses and/or face shield. Ordinary eye or sun glasses are NOT safety glasses. It is also highly recommended that you wear a dust mask and thickly padded gloves.**
5. **Be sure the bit is secured in place before operation.**
6. **Under normal operation, the tool is designed to produce vibration. The screws can come loose easily, causing a breakdown or accident. Check tightness of screws carefully before**

operation.

7. In cold weather or when the tool has not been used for a long time, let the tool warm up for a while by operating it under no load. This will loosen up the lubrication. Without proper warm-up, hammering operation is difficult.
8. Always be sure you have a firm footing. Be sure no one is below when using the tool in high locations.
9. Hold the tool firmly with both hands.
10. Keep hands away from moving parts.
11. Do not leave the tool running. Operate the tool only when hand-held.
12. Do not point the tool at any one in the area when operating. The bit could fly out and injure someone seriously.
13. Do not touch the bit or parts close to the bit immediately after operation; they may be extremely hot and could burn your skin.
14. Do not operate the tool at no-load unnecessarily.
15. Some material contains chemicals which may be toxic. Take caution to prevent dust inhalation and skin contact. Follow material supplier safety data.

## SAVE THESE INSTRUCTIONS.




### **⚠WARNING:**

**MISUSE** or failure to follow the safety rules stated in this instruction manual may cause serious personal injury.

USD203-2

## Symbols

The followings show the symbols used for tool.

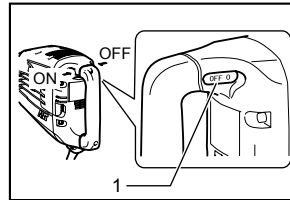
- v** · volts
- A** · amperes
- Hz** · hertz
-  · alternating current
-  · Class II Construction
- ... /min**  
**r/min** · revolutions or reciprocation per minute
-  · number of blow

## FUNCTIONAL DESCRIPTION

### **⚠CAUTION:**

- Always be sure that the tool is switched off and unplugged before adjusting or checking function on the tool.

### Switch action



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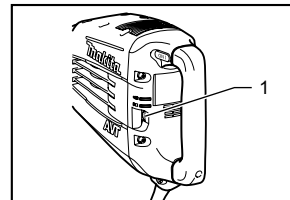
1. Switch lever

### **⚠CAUTION:**

- Before plugging in the tool, always check to see that the tool is switched off.
- Switch can be locked in "ON" position for ease of operator comfort during extended use. Apply caution when locking tool in "ON" position and maintain firm grasp on tool.

To start the tool, push the switch lever "ON (I)" on the left side of the tool. To stop the tool, push the switch lever "OFF (O)" on the right side of the tool.

### Speed change



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1. Adjusting dial

The blows per minute can be adjusted just by turning the adjusting dial. This can be done even while the tool is running. The dial is marked 1 (lowest speed) to 5 (full speed). Refer to the table below for the relationship between the number settings on the adjusting dial and the blows per minute.

Number on adjusting dial	Blows per minute
5	1,900
4	1,700
3	1,450
2	1,200
1	950

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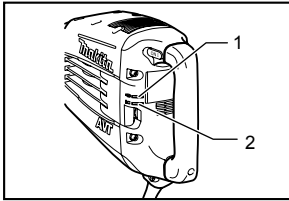
**NOTE:**

- Blows at no load per minute becomes smaller than those on load in order to reduce vibration under no load, but this does not show trouble. Once operation starts with a bit against concrete, blows per minute increase and get to the numbers as shown in the table. When temperature is low and there is less fluidity in grease, the tool may not have this function even with the motor rotating.

**CAUTION:**

- The speed adjusting dial can be turned only as far as 5 and back to 1. Do not force it past 5 or 1, or the speed adjusting function may no longer work.

**Indicator lamp**



009981

1. Power-ON indicator lamp (green)
2. Service indicator lamp (red)

The green power-ON indicator lamp lights up when the tool is plugged. If the indicator lamp does not light up, the mains cord or the controller may be malfunction. The indicator lamp is lit but the tool does not start even if the tool is switched on, the carbon brushes may be worn out, or the controller, the motor or the ON/OFF switch may be malfunction.

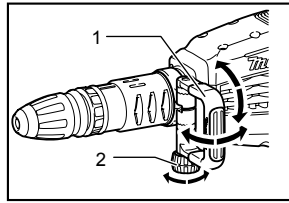
The red service indicator lamp flickers up when the carbon brushes are nearly worn out to indicate that the tool needs servicing. After approx. 8 hours of use, the motor will automatically be shut off.

**ASSEMBLY**

**CAUTION:**

- Always be sure that the tool is switched off and unplugged before carrying out any work on the tool.

**Side handle (auxiliary handle)**

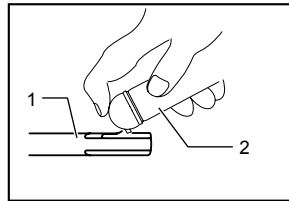


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1. Side handle
2. Clamp nut

The side handle can be swung 360° on the vertical and secured at any desired position. It also secures at eight different positions back and forth on the horizontal. Just loosen the clamp nut to swing the side handle to a desired position. Then tighten the clamp nut securely.

**Installing or removing the bit**

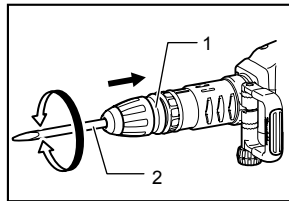


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1. Bit shank
2. Bit grease

Clean the bit shank and apply bit grease before installing the bit.

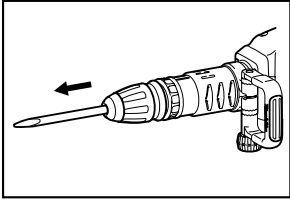
Insert the bit into the tool. Turn the bit and push it in until it engages.



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1. Releasing cover
2. Bit

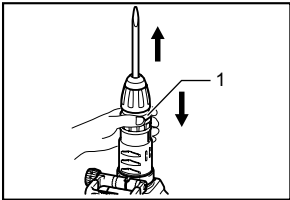
If the bit cannot be pushed in, remove the bit. Pull the releasing cover down a couple of times. Then insert the bit again. Turn the bit and push it in until it engages.



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After installing, always make sure that the bit is securely held in place by trying to pull it out.

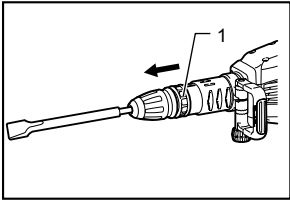
To remove the bit, pull the releasing cover down all the way and pull the bit out.



1. Releasing cover

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### Bit angle



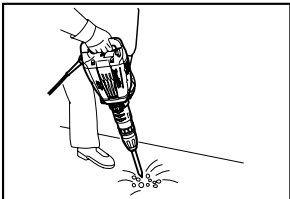
1. Change ring cover

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The bit can be secured at 12 different angles. To change the bit angle, slide the change ring cover forward, then turn the change ring cover to change the bit angle. At the desired angle, slide the change ring cover back to the original position. The bit will be secured in place.

## OPERATION

### Chipping/Scaling/Demolition



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Always use the side grip (auxiliary handle) and firmly hold the tool by both side grip and switch handle during operations. Turn the tool on and apply slight pressure on the tool so that the tool will not bounce around, uncontrolled. Pressing very hard on the tool will not increase the efficiency.

## MAINTENANCE

### ⚠CAUTION:

- Always be sure that the tool is switched off and unplugged before attempting to perform inspection or maintenance.

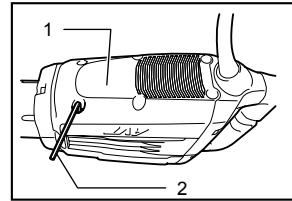
### Lubrication

### ⚠CAUTION:

- This servicing should be performed by Makita Authorized or Factory Service Centers only.

This tool requires no hourly or daily lubrication because it has a grease-packed lubrication system. However, it is recommended to periodically replace the grease for longer tool life.

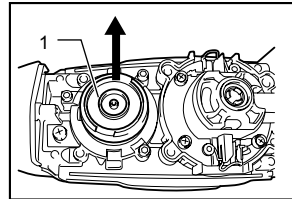
First, switch off and unplug the tool.



1. Rear cover  
2. Hex wrench 5

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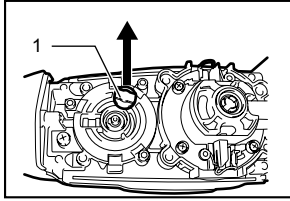
Remove the six hex socket head bolts using a hex wrench and remove the rear cover.



1. Filter case

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Pull out the filter case in the direction of arrow and remove it.



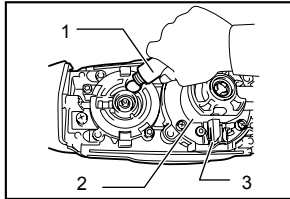
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1. Grease cap

these accessories, ask your local Makita Service Center.

- Bull point (SDS-max)
- Cold chisel (SDS-max)
- Scaling chisel (SDS-max)
- Clay spade (SDS-max)
- Bit grease
- Hammer grease
- Safety goggles
- Plastic carrying case

Pull out the grease cap in the direction of arrow and remove it.



010073

1. Hammer grease  
2. Brush holder unit  
3. Carbon brush

Then replenish with fresh grease (60g). Use only Makita genuine hammer grease (optional accessory). Filling with more than the specified amount of grease (approx. 60 g; 2 oz) can cause faulty hammering action or tool failure. Fill only with the specified amount of grease.

To reassemble the tool, follow the disassembling procedure in reverse.

#### **⚠CAUTION:**

- Be careful not to damage the brush holder unit and carbon brushes especially when installing the rear cover.
- Do not reuse the six bolts but use new ones in the reassembling since these bolts are applied with adhesive.

To maintain product SAFETY and RELIABILITY, repairs, any other maintenance or adjustment should be performed by Makita Authorized or Factory Service Centers, always using Makita replacement parts.

## **ACCESSORIES**

#### **⚠CAUTION:**

- These accessories or attachments are recommended for use with your Makita tool specified in this manual. The use of any other accessories or attachments might present a risk of injury to persons. Only use accessory or attachment for its stated purpose.

If you need any assistance for more details regarding

# WARNING

Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to the State of California 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.