

MARCRIST

ANGLE GRINDER DUST GUARD INSTRUCTION MANUAL



Part number: **1986.0000.001**

DUST GUARD UNIT FOR DIAMOND GRINDING HEADS

To reduce the risk of injury, please read through this manual carefully and follow all steps.

1. PREPARATION

- Before you begin, check to determine the hazard classification of the dust produced. Always use a dust extractor vacuum of the appropriate, officially approved safety class that is in compliance with your local dust hazard control regulations.
- To ensure correct use, always check if the dust guard is properly mounted on the angle grinder. Do NOT use it if the guard has not been securely fitted on to the machine.
- The dust guard is suitable for most popular 115mm and 125mm angle grinders. Please contact Marcr/st technical support team for guidance if you are not sure on (0) 1302 890 888.
- This guard has been designed for dust removal of grinding, levelling and polishing and it can be used for all building material types.
- Do NOT use it for grinding metal as it could cause a serious injury and/or damage to the extractor unit.
- This guard should only be used with diamond grinding heads. Diamond cutting blades, tungsten carbide blades or abrasive discs should NOT be used with it. Please note the grinding head is NOT included in this set.
- Do NOT use this product under wet conditions or in presence of flammable liquids or gasses.
- Check before use for any damage on the dust guard and do NOT use when the tool is damaged as this could lead to a serious accident.
- Always use protective equipment while using the dust guard.



Dust mask



Safety glasses



Hearing protector

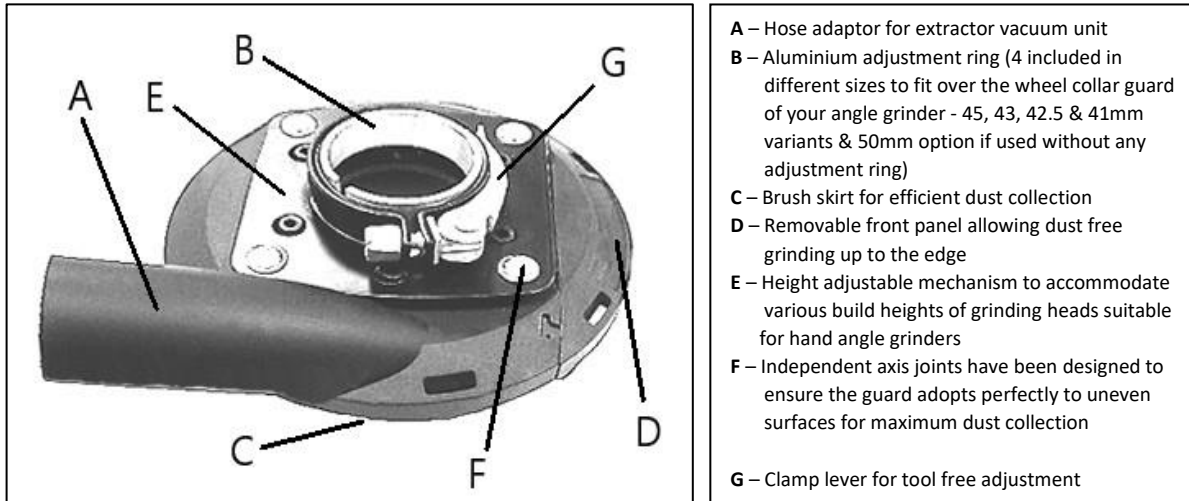


Safety gloves

2. ASSEMBLY

To reduce the risk of injury, always turn off the machine and disconnect from the power source before installing any attachments or accessories. With cordless angle grinders please remove the battery.

Picture 1



- A – Hose adaptor for extractor vacuum unit
- B – Aluminium adjustment ring (4 included in different sizes to fit over the wheel collar guard of your angle grinder - 45, 43, 42.5 & 41mm variants & 50mm option if used without any adjustment ring)
- C – Brush skirt for efficient dust collection
- D – Removable front panel allowing dust free grinding up to the edge
- E – Height adjustable mechanism to accommodate various build heights of grinding heads suitable for hand angle grinders
- F – Independent axis joints have been designed to ensure the guard adopts perfectly to uneven surfaces for maximum dust collection
- G – Clamp lever for tool free adjustment

Step 1 - removing angle grinder's guard

Follow the mounting and removing guard instruction within the angle grinder manual to remove the guard from the tool. Please note that some types of Bosch angle grinders are equipped with an O-ring which needs to be removed.

Step 2 - installing the dust guard

- Choose the right aluminium adjustment ring from the box (4 sizes included with the guard).
- Open the clamp lever and align the guard with the slots on the angle grinder gear case. Rotate the dust guard into the desired working position – it should be positioned between the spindle and the operator to provide operator protection. The inner flange washer should be installed behind the wheel allowing proper fit and easy tool removal.
- Close the clamp lever to secure the dust guard on the angle grinder. If needed, tighten the screw at the clamp lever for even closer fit.
- Adjust the height settings with the type of the grinding head you are about to use to ensure brushes are levelled with the surface for optimal dust collection.

Step 3 - mounting the diamond grinding head

Follow your angle grinder manual for replacing cutting wheel and mount the diamond grinding head. Please remember NOT to use any cutting diamond wheels or bonded abrasives.

Step 4 - dust extraction vacuum

Ensure the dust extraction vacuum hose is securely connected with the dust guard hose adaptor. The amount of dust retained by the dust extractor unit depends on its filter system and the suction power. Please refer to the dust extractor vacuum instruction manual for further information.

3. OPERATION

- Ensure all assembly instructions have been completed and turn the dust extractor vacuum on as instructed in the manual.
- Turn the angle grinder on as per tool instruction manual and allow it to reach full speed before making contact with work surface.
- Position the grinding head parallel to a work surface such as a floor or wall and begin grinding. Make sure you keep the machine flat at all time for the best dust collection.
- When surface grinding is complete, turn the tool off and disconnect from the power source. Allow the tool to stop completely before laying it down to avoid injury.
- For your own safety, read the instruction manual for both the grinding tool and the dust extraction vacuum before using any accessory. Failure to comply with these manuals may result in personal injury and/or serious damage to the tool and the accessory.