

Stock Code :
880307001 - 6" Bench Grinder (BG6) - 350W
880307002 - 8" Bench Grinder (BG8) - 450W

Bench Grinder (Heavy Duty)

Main structure

1. MOTOR is of single phase and insulation of class E with motor frame being made by aluminium or iron casting.
2. WHEEL COVER is made of steel plate. It is used to prevent splashing of sparks and to connect eyeprotectors.
3. GRINDING WHEELS
4. SWITCH
5. PLUG & WIRE is of three wicks with one is ground wire.
6. CAPACITOR

Precautions on using bench grinder

1. Disconnect power supply plug before replacing wheels or covers.
2. Replace cracked or damaged wheels immediately.
3. Always use guards and eye shields.
4. Ensure tool rests and eye shields are properly adjusted.
5. Do not over tighten wheel nut.
6. Adjust distance between wheel and tool rest to maintain 1/16" (1.6mm) or less separation as the diameter of the wheel decreases with use.
7. Use grinding wheel suitable for the speed of the grinder.
8. Ensure grinding wheels rotate freely before switching on the power.
9. Stand beside the bench grinder when switching on the power, do not stand in front of the grinder.
10. Allow a new grinding wheel to rotate for one minute prior to use to ensure it is in good condition.
11. Don't operate the grinder with the wheel guard off.
12. Don't use the grinding wheels for cutting purposes.
13. Don't overload the grinder.
14. Use a wheel dresser to remove burns from the grinding wheel.
15. Maintain a distance between the spark breaker and the grinding wheel of less than 1/16" (1.6mm)

Assembly

Assemble the eye shields, spark breakers and tool rests using the screws, etc. Provided be sure to position both the tool rests and spark breakers no more than 1.6mm (1/16") from the edge of the grinding wheel.

It is advisable to secure the bench grinder to the workbench or stand.

Operation

1. After switching the grinder on, allow it to reach full speed before commencing grinding operation.
2. The eye shields are able to be adjusted and should be positioned to allow operator a clear view of the work through the shields.
3. The appropriate adjustments of the tool rests will provide the correct working angle for efficient grinding. As the diameter of the grinding wheel is subject to wear, it will be necessary to re-adjust the tool rests positions to maintain the correct gap of less than 1.6mm (1/16") with the edge of the grinding wheel.

Removing or changing the grinding wheels

To renew or change the grinding wheels, follow this series of steps:

- a) Disconnect the power supply cord.
- b) Remove the outside covers, left and right.
- c) Holding the grinding wheel firmly, remove the nut and flange from the shaft with a spanner. Note that the left wheel nut has a left hand thread and right wheel nut has a right hand thread.
- d) Remove the old wheel and replace it with the new wheel.
- e) Reassemble the flange, nut and outside covers.
- f) Allow the grinder to run for one minute ensure the grinding wheel is not out of balance before commencing any grinding work.

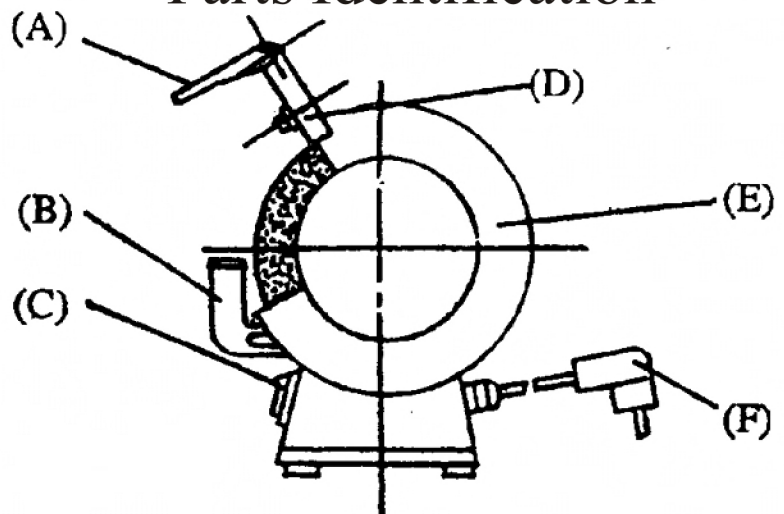


6" Bench Grinder
Power : 350W



8" Bench Grinder
Power : 450W

Parts Identification



- A - Eye Protection Shields
B - Tool rest
C - On/Off Switch
D - Eye Protection Shields Brackets
E - Wheel cover
F - Plug