

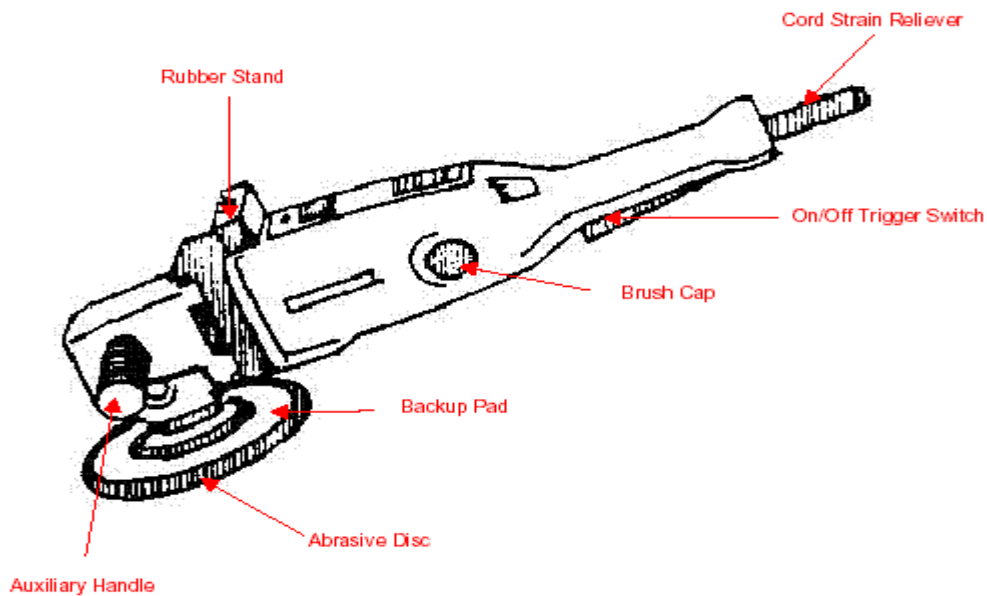
## Portable Grinder Notes

### Requirements:

Proper eye protection must be worn—operate only with instructor's permission and after proper instructions have been received.

1. Be sure switch is in the "OFF" position before connecting the power source.
2. Make all adjustments to pad and disc before turning on the power.
3. Do not allow the edge of the disc to touch the edge of the stock.
4. Stand clear of the spark line or spark area.
5. Sand with a stroking motion; do not pause in one spot.
6. When finished, disconnect the sander from power source and place the sander on its back.

### Portable Grinder Parts



### **Portable Grinder Written Test**

Use the correct heading and write the answer on your own paper. Use the BEST answer to complete the following:

1. The sparks caused by grinding or sanding are ( **Warm but not Hot and are**) dangerous.
2. It ( **Never is Is**) safe to grind steady in one spot.
3. You ( **Are Are not**) required to wear protective clothing while using this tool.
4. Make all adjustments before turning ( **Off On**) the power.
5. Never sand free handed. Use ( **The table Your hands**) to support the material.
6. If the machine is not working properly you should:

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List five SAFETY procedures you should do before you operate this machine:

7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_

## ***Portable Grinder Written Test Key***

1. Hot and are
2. Never is
3. Are
4. On
5. Table
6. Turn equipment off; unplug it; and tell your teacher

List five safety procedures you should do before you operate this or any machine:

1. Tuck in your shirt.
2. Secure your hair.
3. Remove jewelry.
4. Wear Z87 safety glasses.
5. Work with a partner.
6. Listen for and report any problems immediately.
7. Make sure that all guards are in place and working.
8. No horseplay.
9. Keep work area clean.
10. Protect hands.