

9. Attach the Vacuum Hose to the appropriate accessory nozzle, or to the dust port of a power tool.

OPERATING INSTRUCTIONS

The Porter-Cable Power Tool-Triggered Wet/Dry Vac is designed for use as a general purpose shop vacuum, or for use connected to various power tools. With the dust bag removed, it can be used to pick up water and other wet materials.

A power outlet is provided which allows (the power cord of) a power tool to be connected to the Vacuum Cleaner. The Vacuum Cleaner will automatically switch "ON" when the power tool is started, and it will automatically switch "OFF" approximately fifteen seconds after the power tool is turned "OFF".

POWER SWITCH

The switch on the Vacuum Cleaner, has three positions. These positions are labeled 0, 1, and 2.

When the switch is set to position 0, the Vacuum Cleaner is OFF.

When the switch is set to position 1, the Vacuum Cleaner is ON.

When the switch is set to position 2, the Vacuum Cleaner is controlled by the accessory outlet. When a power tool (that is connected to the accessory outlet), is switched ON, the Vacuum Cleaner will automatically turn ON. When the power tool is switched OFF, the Vacuum Cleaner will continue to run for approximately fifteen seconds, and will then automatically turn OFF.

ACCESSORY OUTLET

An Accessory Outlet is located under the hinged cover (A) Fig. 5, on the front of the Vacuum Cleaner. Lift this cover to expose the outlet.

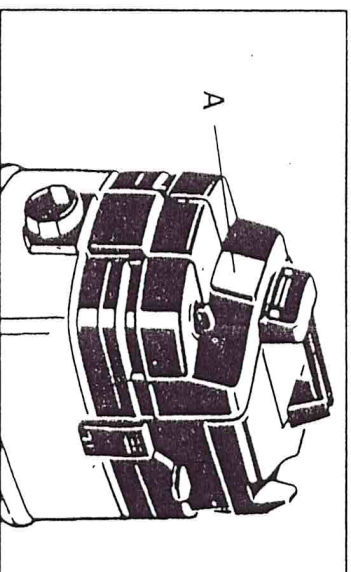


Fig. 5

MS

PARKING BRAKE

Model 7810 is equipped with a Parking Brake. The parking brake will lock one wheel to prevent the vacuum from rolling.

To engage parking brake: use your toe to depress the brake button (see Fig. 6). The brake will snap into the locked position.

To disengage parking brake: use your toe to push the larger brake button to the right until it snaps into the unlocked position.

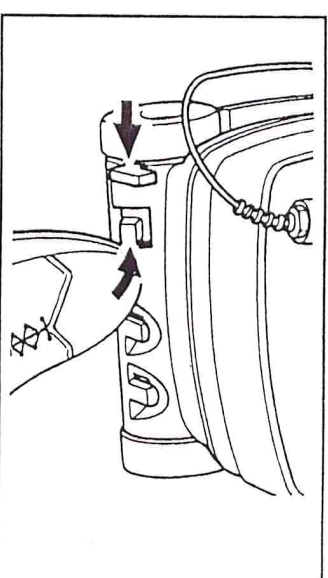


Fig. 6

FLAT DUST FILTER

Model 7810 is equipped with a flat type dust filter. If vacuum efficiency is reduced (indicating a clogged filter), proceed as follows:

1. Turn the Vacuum Cleaner switch to the "O" (OFF) position. Grasp handle (C) Fig. 7, and pull out (approximately one and one-half inches), and release. Repeat several times. This action "shakes" the flat filter to remove loose dirt.
2. Switch Vacuum Cleaner "ON" and check performance. If still unsatisfactory, switch Vacuum Cleaner "OFF" and continue to step 3.

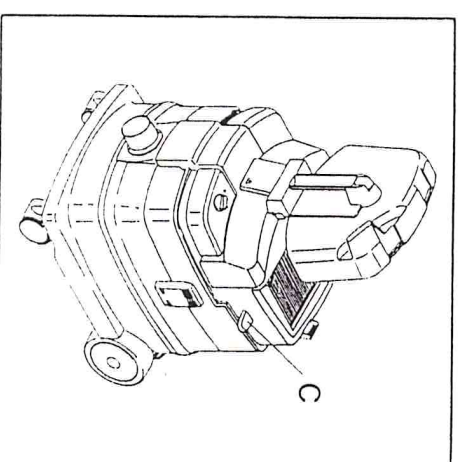


Fig. 7

Connect a power tool to this outlet and set the switch (on the Vacuum Cleaner), to position 2. When the power tool is switched "ON", the Vacuum motor will start automatically. When the power tool is switched "OFF", the Vacuum motor will continue to run for approximately fifteen seconds, and then it will stop.

INSTALL AS FOLLOWS:

1. Install the special drywall dust bag into your vacuum cleaner, following the instructions supplied with the vacuum cleaner. If this dust bag does not fit your vacuum cleaner correctly, purchase and install a suitable filter bag that is rated for drywall dust.

CAUTION: Failure to use a dust bag rated for drywall dust will increase the level of airborne dust particles in the work area. Continued and prolonged exposure to high concentrations of airborne dust may affect the respiratory system function.

2. Connect the vacuum hose to the Drywall Sander: Open the Drywall Sander's hose connector by turning the large nut (A) Fig. 2, counter-clockwise a couple of turns. Push the vacuum hose swivel connector (B) Fig. 2, into the Drywall Sander connector and seat firmly. Turn the large nut clockwise to tighten connector.

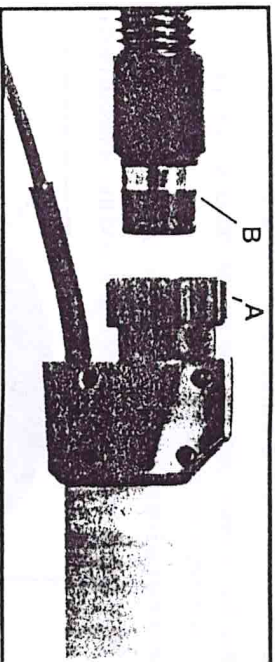


Fig. 2

3. Install the six "hook & loop" type straps, to prevent tangling of the Sander cord and the vacuum hose. Lay the cord and the vacuum hose out parallel to each other. Space the straps at approximately two foot intervals, beginning two feet from the Drywall Sander. Wrap the long end of each strap around the vacuum hose and close. Then wrap the short end of each strap around the cord and close (see Fig. 3).

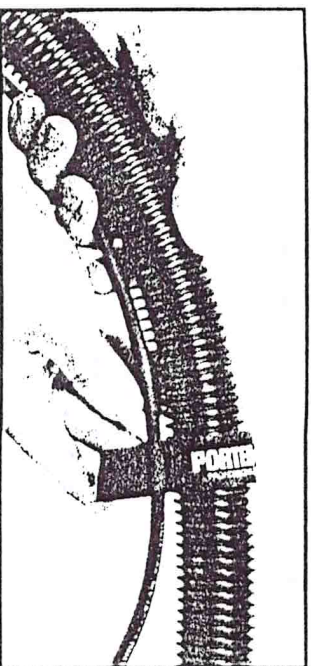


Fig. 3

4. Connect the vacuum hose to your vacuum cleaner: Use the 1 1/4" to 2 1/2" adapter if necessary. If your vacuum cleaner requires a special connector (something other than the standard 1 1/4" to 2 1/2" connectors supplied with the Drywall Sander), contact your vacuum cleaner supplier for the proper adapter.

TO START AND STOP DRYWALL SANDER

Make sure power circuit voltage is the same as shown on the specification plate on the Sander, and that the Sander switch is OFF. Connect Sander to power circuit. The Drywall Sander is equipped with a "rocker" type switch (A) Fig. 4. The top end of the switch button is labeled OFF, and the bottom end of the button is labeled ON. To start the Sander: depress the bottom (ON) end of the switch button. To stop the Sander: depress the top (OFF) end of the switch button.

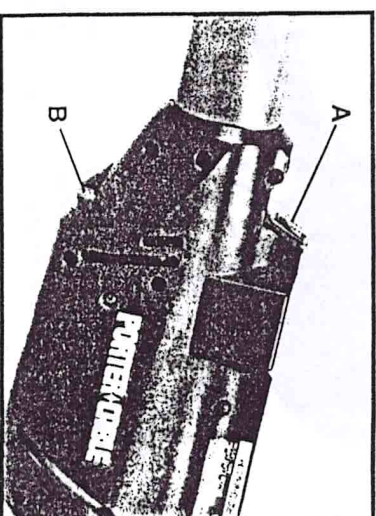


Fig. 4

SPEED CONTROL

The Drywall Sander is equipped with a variable speed control. The speed is adjusted by turning the control knob (B) Fig. 4. The control knob is numbered "1" through "5" with "1" being the slowest speed (approximately 1000 RPM) and "5" being the fastest speed (approximately 1650 RPM).

Use the higher speed settings for fast stock removal. Use the lower speed setting to reduce removal rate for more precise control.

BRUSH-TYPE SKIRT

A brush-type skirt (A) Fig. 5, surrounds the abrasive pad. This skirt serves two purposes: (1) The skirt extends below the surface of the abrasive pad so that it contacts the work surface first. This positions the sanding head parallel to the work surface before the abrasive contacts the work, preventing the abrasive from "gouging" the work. (2) The skirt also helps contain the drywall dust until the vacuum cleaner pulls it away.

If the skirt is damaged, or if it becomes worn excessively, it should be replaced. Replacement skirts are available from any Porter-Cable Service Center (see list in back of this manual).