



MODEL T33308/T33310 DUST COLLECTOR REMOTE SWITCH INSTRUCTIONS

For questions or help with this product contact Tech Support at (570) 546-9663 or techsupport@grizzly.com

Introduction

The Model T33308/T33310 Dust Collector Remote Switch (see **Figure 1**) allows you to remotely turn a dust collector **ON/OFF** from a distance of up to 75 feet.

Read and understand this document before installation to ensure you understand how to safely use the remote, and that this switch box fits the intended application.



Figure 1. Model T33308/T33310 Dust Collector Remote Switch components.

NOTICE

- This remote switch is **ONLY** designed to be used on dust collectors with standard **ON/OFF** toggle or push-button switches—not those with magnetic switches.
- If you are unsure about the type of switch your dust collector has, contact the dust collector manufacturer for more information.
- Do not use this switch box for applications other than dust collectors, as it may cause the unit to fail and will void the warranty.

Specifications

Model T33308:

Required Power Supply.....120V, 15A, 60 Hz
Outlet Type NEMA 5-15
Max. Dust Collector HP..... 1.5 HP
Replacement Remote Control T33309

Model T33310:

Required Power Supply.... 240V, 20A, 60 Hz
Outlet TypeNEMA 6-20
Max. Dust Collector HP..... 3 HP
Replacement Remote ControlT33311

Remote BatteryA27 12V
Communication Type.....Radio Frequency (RF)
Max. Communication Distance 75 ft.

⚠ CAUTION

To ensure safe operation:

- Only connect switch box to power supply that meets listed specifications.
- Do not connect switch box to dust collector with a motor that exceeds listed specifications for horsepower or amperage.
- Never leave dust collector running while unattended. Wood dust is highly flammable, and you must always be present while the dust collector is running to promptly respond in the event of a fire.

Installation

1. Place switch box in a dry, protected location within reach of power receptacle and dust collector power cord.
2. Plug switch box into proper power receptacle (see **Figures 2–3**).

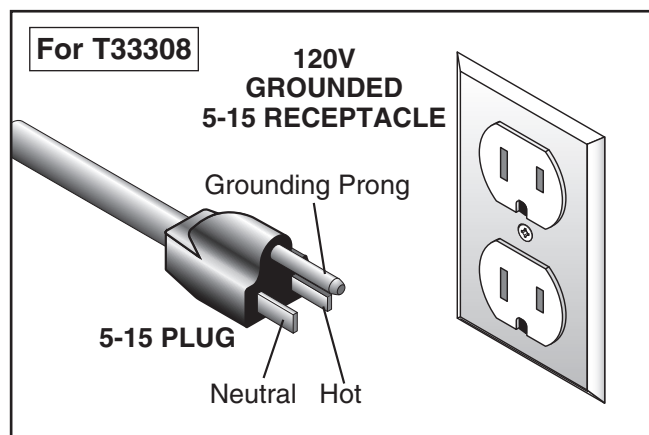


Figure 2. NEMA 5-15 plug and receptacle for Model T33308.

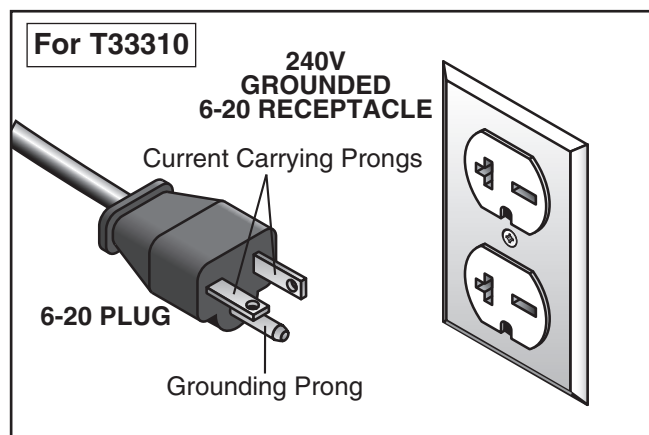


Figure 3. NEMA 6-20 plug and receptacle for Model T33310.

3. Make sure dust collector ON/OFF switch is in OFF position, then plug dust collector into switch box.

Operation

The remote control and switch box come pre-programmed from the factory and are ready for use. No additional programming is necessary.

To operate remote control:

1. Move dust collector ON/OFF switch to ON position.
2. Press green button on remote control to turn dust collector **ON** (see **Figure 4**).
3. Press red button on remote control to turn dust collector **OFF** (see **Figure 4**).

Note: Buttons labeled "C" and "D" are not functional on this remote.

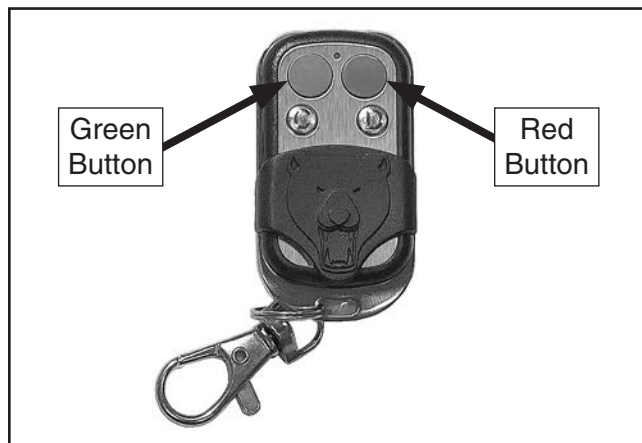


Figure 4. Remote control.

Note: This remote control operates on a radio frequency and has a range of 75 feet. It does not need to be aimed at the switch box to operate.



Programming Switch Box

The following steps can be used to reprogram the switch box to work with a replacement remote control or as a troubleshooting procedure if the switch box does not respond to commands from the original remote control.

Note: Switch box can only be programmed to one remote control at a time. If remote control is lost or damaged, the replacement will have to be programmed before it can be used. See specifications on **Page 1** of these instructions for replacement part numbers.

To program switch box:

1. Press programming button on side of switch box (see **Figure 5**) for approximately one second, then release. You will hear one beep.



Figure 5. Location of programming button and circuit breaker reset button.

2. Immediately press green button on remote control (see **Figure 4** on **Page 2**) and release it. You will hear two beeps. After three to five seconds, you will hear three more beeps. Remote control is now programmed.

Note: If green button is not pressed within three to five seconds, you will hear three beeps. Remote control is not programmed. Return to **Step 1** and begin again.

Unprogramming Switch Box

The switch box can be unprogrammed so it will not operate with any remote control. In this event, the switch box will have to be reprogrammed again to operate with a remote control.

To unprogram switch box:

1. Press and hold programming button (see **Figure 5**) on switch box for approximately five seconds. You will hear one initial beep followed by three more beeps about eight seconds later. Switch box is now unprogrammed.

Resetting Switch Box Circuit Breaker

The switch box is equipped with a reset button that allows the system to be restarted after the overload protection has tripped. To reset, place the dust collector ON/OFF switch in the OFF position, wait a few minutes for the system to cool, then press the reset button. If the button does not stay depressed, allow the system to cool longer, then try again.

Replacing Remote Control Battery

The remote control is powered by a 12V type A27 battery. If the switch box stops responding to the remote control, replace the battery as the first course of action.

Items Needed	Qty
Phillips Head Screwdriver #00	1
A27 12V Battery	1

To replace remote control battery:

1. Turn remote control face down, remove (3) Phillips head screws, then remove battery cover.
2. Replace battery, then re-assemble remote control.



Troubleshooting

Review the troubleshooting procedures in this subsection if a problem develops. If you need additional help with a procedure, call our Technical Support at (570) 546-9663.

Note: Please gather the serial number and manufacture date of your switch before calling.



Symptom	Possible Cause	Possible Solution
Switch box will not turn ON .	<ol style="list-style-type: none"> 1. Remote control out of range of switch. 2. Switch box not connected to power. 3. Remote control not programmed to operate switch. 4. Remote control battery weak/dead. 5. Switch box circuit breaker tripped or at fault. 6. Power supply circuit breaker tripped or fuse blown. 7. Remote control/switch box at fault. 	<ol style="list-style-type: none"> 1. Operate remote control within 75 ft. of switch. 2. Connect switch box to correct power source (Page 2). 3. Program remote control to operate switch (Page 3). 4. Replace remote control battery (Page 3). 5. Press reset button on switch box (Page 3). 6. Ensure circuit is free of shorts. Reset circuit breaker or replace fuse. 7. Test/replace.
Dust collector will not turn ON .	<ol style="list-style-type: none"> 1. Dust collector not connected to switch box. 2. Switch box not connected to power. 3. Dust collector ON/OFF switch not in ON position. 4. Power supply circuit breaker tripped or fuse blown. 5. Dust collector at fault. 	<ol style="list-style-type: none"> 1. Properly connect dust collector to switch box (Page 2). 2. Connect switch box to correct power source (Page 2). 3. Move dust collector ON/OFF switch to ON position. 4. Ensure circuit is free of shorts. Reset circuit breaker or replace fuse. 5. Refer to dust collector manual for troubleshooting; contact dust collector manufacturer for help.

