

EntraGuard Heater

The EntraGuard Heater is designed to provide heat for the EntraGuard Gold and EntraGuard Titanium telephone entry units during times of extremely low temperatures. Once the heater is installed, the thermostat monitors the temperature inside the EntraGuard box and activates the heater to maintain the necessary temperature for proper operation.

1.0 Location of the Heater and Thermostat

The heater and thermostat should be mounted to their mounting posts as indicated in the following figures.

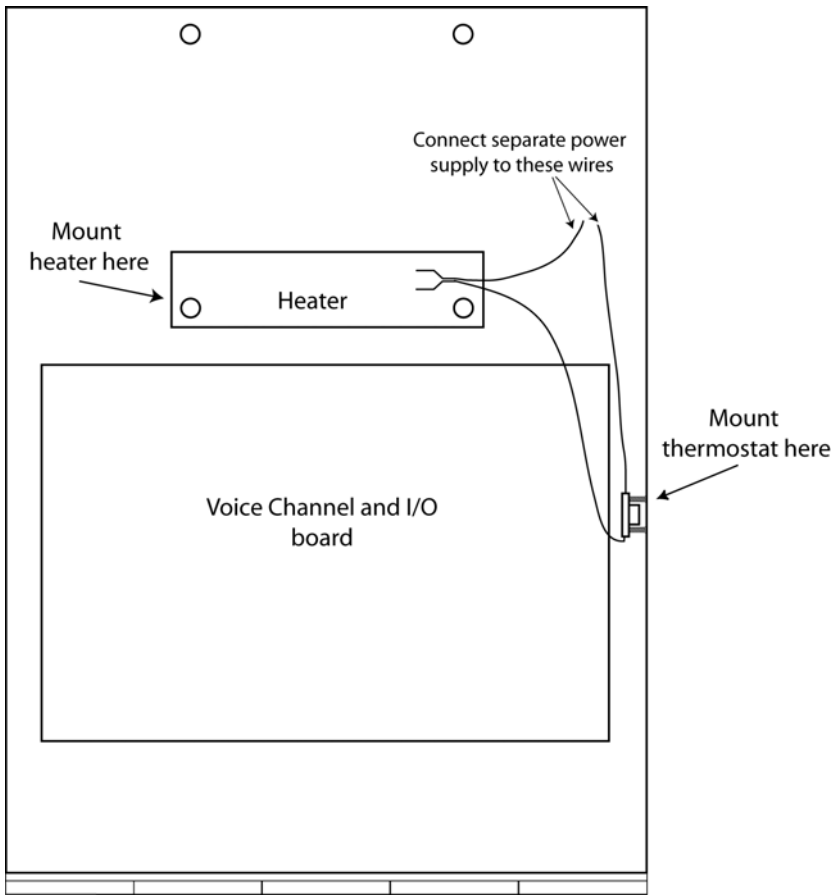


Figure 1: EntraGuard Gold - Location of the heater and thermostat

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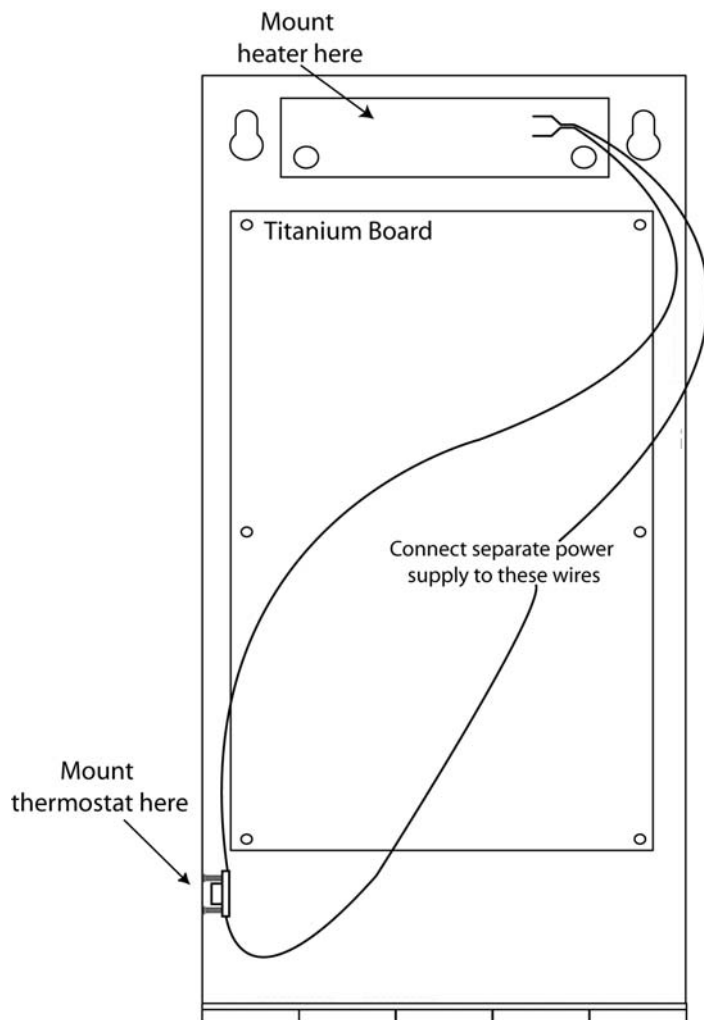


Figure 2: EntraGuard Titanium - Location of the heater and thermostat

EntraGuard Heater

1.1 Attaching the Heater to the EntraGuard Unit

1.1.1 EntraGuard Gold Unit

1. Attach the spacers to the mounting posts of the EntraGuard Gold unit in the location shown in Figure 1 on page 1.
2. Once the spacers are secured, align the washers and heater plate on top of the spacers.
3. Secure the heater plate and washers to the spacers with the machine screws using a screwdriver to make sure it is secure (see Figure 3).

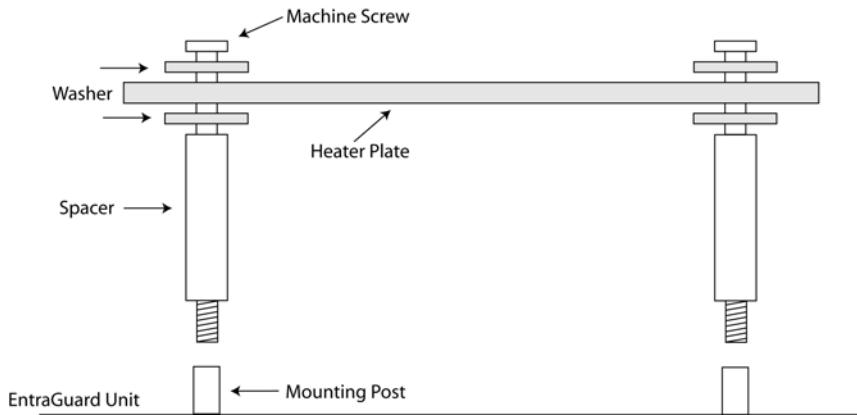


Figure 3: Attaching the heater plate to the mounting posts - EntraGuard Gold

1.1.2 EntraGuard Titanium Unit

1. Secure the heater plate and washers to the mounting posts of the EntraGuard Titanium unit in the location shown in Figure 2 on page 2 with the machine screws using a screwdriver to make sure it is secure (see Figure 3).

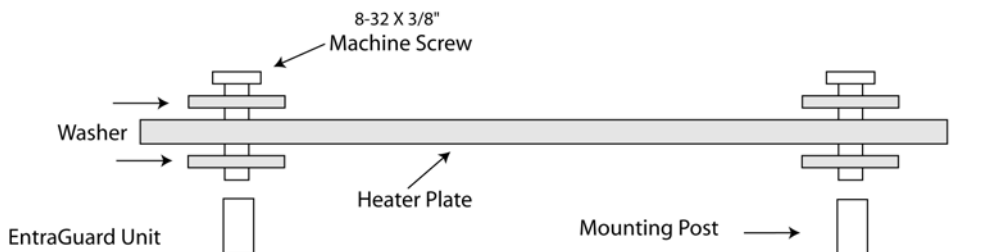


Figure 4: Attaching the heater plate to the mounting posts - EntraGuard Titanium

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1.2 Attach the Thermostat to the EntraGuard Unit

1. Place the thermostat mounting tabs (see Figure 5) over the mounting posts located on the interior side wall of the EntraGuard unit (see Figure 1 on page 1 or Figure 2 on page 2 for the location of the mounting posts).
2. Secure with the provided lugs.

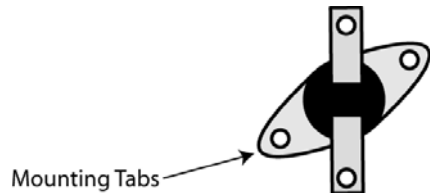


Figure 5: Thermostat

1.3 Attach wire to thermostat

Once the heater and thermostat are attached to the EntraGuard unit, connect the heater to the thermostat as shown in Figure 5.

1.4 Attach 12 volt power supply

The heater and thermostat must be connected to a power supply separate from the supply to the EntraGuard unit.

1. Using appropriate connectors (crimp, wire nuts, solder) attach a 12 volt power supply to the unterminated wire on the heater.

NOTE: The 12 volt power supply needs to be able to supply a minimum of 2 amps for proper operation of the heater and thermostat.

2. Crimp or solder the remaining connector to the other lead of the power supply. Connect this to the open lug on the thermostat (see Figure 6).

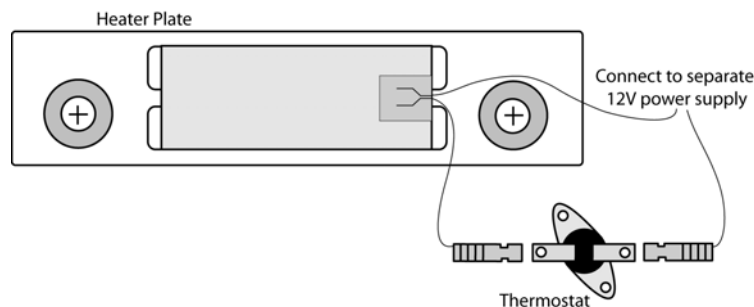


Figure 6: Connecting the heater to the thermostat