

The valve has an upper temperature limit stop, which can allow desired and safe hot water temperature (recommended maximum is 110°F). After replacing the Pressure Balance Cartridge, it is important to:

- Install the **Cartridge Mechanical Stop**, so the cartridge stem does not turn too far and thereby strip the gears within the cartridge.
- Install the **Hot Water Limit Stop**, to protect the bather from excessively hot water.

①



Cartridge Stem

**Rotate Stem of cartridge fully clockwise** ↻

- Install the pressure balance cartridge and valve cover.
- Close the valve by turning the cartridge stem **clockwise** ↻ until it stops. Do not forcefully rotate the stem.

②



Mechanical Stop Stop Post

**Install Cartridge Mechanical Stop, to prevent the cartridge stem from turning too far and stripping the gears within the cartridge**

- Place the **Mechanical Stop** onto the stem of the cartridge against the **Stop Post**.
- Turn on the water to the shower. (If the shower valve has left and right service stop valves, fully open them.)



③

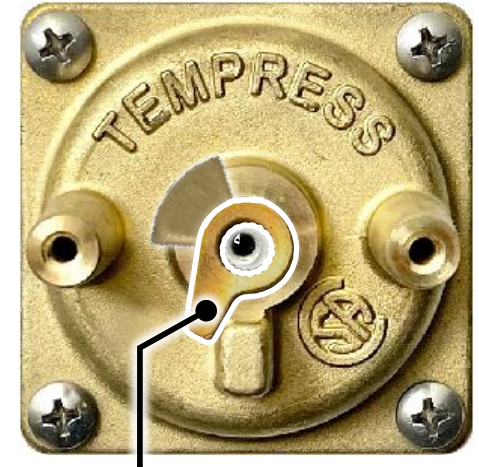


Cartridge Stem

**Rotate Stem of cartridge counterclockwise** ↻ to desired maximum water temperature

- Rotate the **Cartridge Stem** **counterclockwise** ↻ to the desired maximum water temperature (the recommended maximum is 110°F).

④



Limit Stop

**Install Hot Water Limit Stop, to protect the bather from excessively hot water**

- Place the **Limit Stop** on the cartridge stem against the **Stop Post**.



- The **Limit Stop** hits the **Stop Post** at the highest desired water temperature (the recommended maximum is 110°F).