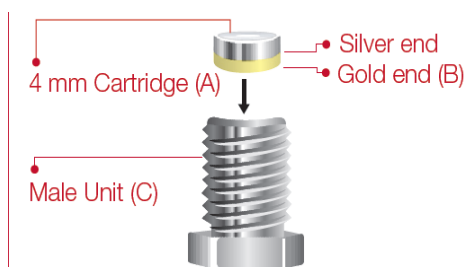


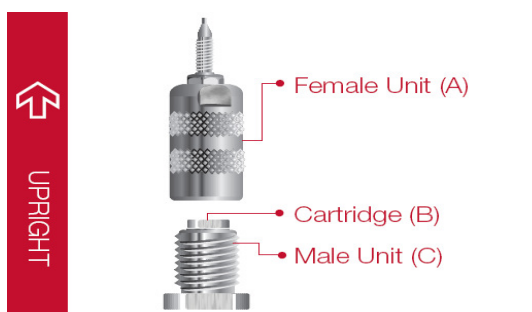
How to install a leak-free Security Guard Cartridge System

One of the biggest causes for the Security Guard Cartridge System to leak is improper installation. It is important that we understand a few critical steps during installation to ensure that the system is sealed properly before attaching it on to the column.

- a) **Male unit should be placed upright on a flat surface before installation**
(See diagram below)
- b) **Press vs. Place**
It is important that we **press** the cartridge into the male unit.
- c) **Which side goes up/down?**
The gold end of the cartridge must always be facing **DOWN** when pressing the cartridge into the male unit of the holder.

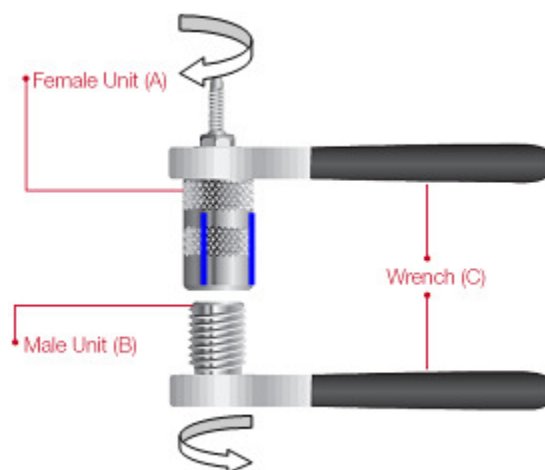


- d) **How to tighten and seal the security guard cartridge system?**
Before you tighten the system, make sure that the male unit and cartridge are in the upright position, screw the female unit back onto the male unit and hand tighten.



- e) **Travel Turn**
After hand tightening, use the wrenches provided to tighten it further up to a $\frac{1}{4}$ turn.

It is crucial that the $\frac{1}{4}$ turn is **travel turn** of the holder and not the wrenches. To ensure that, draw a line on the holder after finger tightening and then turn the holder until you reach the line. *See diagram below*



Following all the above steps should prevent the majority of any Security Guard leaking issues. In the next technical tip we will go over other causes that may cause the security guard cartridge system to leak.