

#15 FIREDRAGON Field Notes ©

#240 Gas Pressure Tap Fitting The #240 Gas Pressure Tap Fitting is used to quickly connect a ¼" manometer hose to any standard ⅛"-27 npt tapped hole. The fitting fits into most gas valves and pressure regulators and allows you to quickly check and adjust the pressure of the valve or regulator. Once the correct pressure is set, a simple turn of the fitting's internal screw closes it off. Works with most gas (natural or propane) devices.

In addition, the #240 Gas Pressure Tap Fitting can also be used to quickly connect a ¼" manometer hose to any standard ⅛"-27 npt tapped hole making it an ideal and permanent opening in any forced draft application for taking readings at the fire door, breeching and burner housing.



Figure 1

The Gas Pressure Tap Fitting is used in the following manner:

1. Shut off all gas valves upstream of the component(s) where the #240 will be installed.
2. Remove the existing plug(s) from the component(s), **Figure 2**.
3. Use a good quality pipe dope approved for use with gas and install the #240 using a 7/16" socket wrench by turning the fitting clock-wise into the component body. Tighten securely, but **DO NOT OVERTIGHTEN**.
4. Make sure the #240 is closed by turning the internal screw clock-wise, **Figure 3**.
5. Open gas valves and check all fittings using a gas detection solution.
 - a. If a leak is found go back to Step 1.
 - b. If no leaks are found proceed to Step 6.
6. Open the gas pressure tap fitting by turning the internal screw counter/clockwise-wise.
7. Place the hose(s) from the manometer or gas pressure gauge on each of the #240 to be used opening one at a time.
8. Take your readings and make adjustments as required. After testing/adjustment has been completed go to Step 9.
9. Remove one hose at a time and close gas pressure tap fitting by turning the internal screw clock-wise.
10. Recheck all fittings using a gas detection solution.
 - a. If a leak is found go back to Step 1.
 - b. If no leaks are found you are finished.



Figure 2



Figure 3