

Installation - Step #2 Apply thread sealant to the 702 NPT threads. The 702 should be installed onto a full-port NPT process ball valve (3/4" NPT min. size). This process ball valve should be in the closed position. Thread the 702 body, hand tight, into the closed process full-port NPT ball valve. Use a wrench on the flats near the bottom of the 702 body to securely tighten/seal the NPT threads. The body may be damaged if over-tightening occurs.



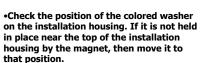
Teffon Tape that contains Nickel and was included with this

Installation - Step #3 Confirm that all four 702 integral valves are closed Vent Port Valve (Vent, Outlet, Pressure Equalization, and Gauge). Outlet Port Valve •Connect 1/8" NPT fittings to the 1/8" NPT Outlet port Outlet Port (and Vent port if desired**). Gauge Port Valve •Plug the pressure gauge port or connect a pressure gauge or pressure sensor to this port. The threaded vent port permits venting (Pressure Equalization of toxic process gases to a safe area through a vent line Valve not shown in this view)

Installation - Step #4

•Confirm that all threads are securely tightened, that all valves are closed and that the installation housing is securely tightened onto the 702 body.

·Slowly open the process ball valve to pressurize the 702. Confirm that no leaks are present. If leaks are present, close the process ball valve and depressurize the 702 using the 702 integral Vent valve. Reseal the areas of concern and repeat this step from the beginning.









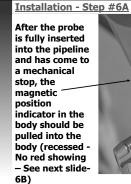
Installation - Step #5

With the process ball valve opened, insert the 702 probe into the pipeline by turning the 702 Rack Crank Handle counterclockwise. The colored washer on the housing should be at the top end of the Housing and it should follow and track the progress of the probe until it enters the 702 body.

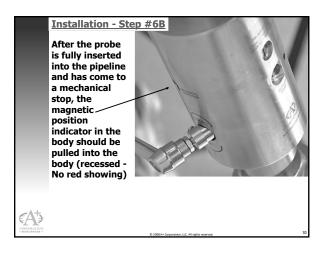
Note: The rack crank should turn easily. Do not apply excessive torque to the handle.

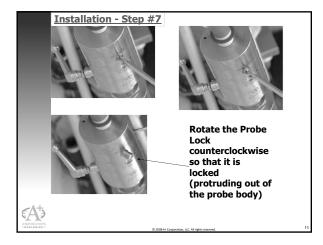


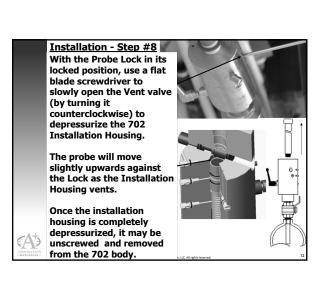












Once the housing is completely depressurized, close the integral vent port valve. If the housing length is over 3 feet in length, it is recommended that it be removed after the installation is complete. Failure to remove the long housing could enable great leverage to be placed on the ³/₄" NPT threads and could result in damage or injury.

CAUTION:

- If the pressure does not decrease to zero during this step, the installation may not have been successful.
- If the reason for the unsuccessful installation cannot be determined then contact your local A+ Corporation representative.



 The Housing should only be removed after it has been completely depressurized.

Installation - Step #9

Apply thread sealant to the male threads of either a 3/4" NPT plug or the 12" long 3/4" pipe nipple included with the probe.

Note: At this point, the default supplied cap on the 12" pipe nipple could be removed, and it can be replaced with a customer supplied full port 34" NPT ball valve.

The customer supplied ball valve would allow you to simply add the long housing without having to remove the 12" pipe nipple when full retraction of the probe is required. Be sure that each pipe section has the colored magnetic indicator washer

See next slide



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