

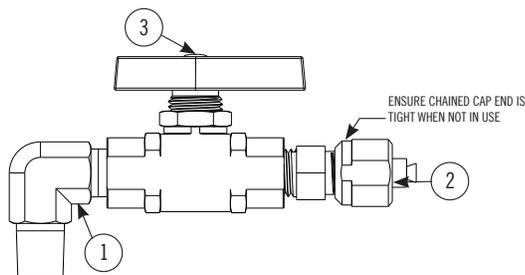


IMPORTANT NOTICE - READ CAREFULLY

Operation Instructions

4819-004 HPNPT PBK Quick Thread Adapter

PBK option for quick cylinder recharge and/or operating with tandem cylinder during bypass operations.



Item No.	Part Number	Qty	Description
1	4819-519	1	1/4" NPT HP Elbow
2	4819-520	1	Quick Thread HP Adapter
3	4819-526	1	1/4" Needle Valve T-Handle

Note:

- **DO NOT OVER-PRESSURIZE CNG CYLINDER** - Severe damage may occur
- Make sure ALL valves are closed before disconnecting test hose
- Adapter will be under pressure whenever cylinder is open
- Verify pressure of external source and functionality of high pressure regulator
- Use smooth jaw wrench only
- Follow all local codes for operating PBK
- Quick thread adapter rated to 3000 PSI
- Safe for use with Natural Gas

Before Use

- Ensure all users have proper training with Portable Bypass Kit
- Inspect cylinder and kit completely before each use
 - Verify CNG cylinder has been inspected and tested per DOT and local requirements
- Inspect fittings, regulators, gauges and hose for any signs of damage - replace if identified
- Follow all instructions and codes for filling the CNG cylinder
- **VERIFY CYLINDER PRESSURE RATING**

Operating High Pressure Quick Thread Adapter

- Remove cap on quick thread adapter
- Connect high pressure test hose (4819-521) to PBK adapter and external source
- Ensure all fittings are secure before opening valves
- Open gas valve from external source and verify pressure and seals
- Slowly open needle valve on the Quick Thread Adapter to begin fill or support bypass
- Watch the high pressure regulator to ensure pressure DOES NOT EXCEED RATED CAPACITY
- When operation is complete, close the needle valve and the inlet valve from external source
- Be sure all gas flow has stopped before Slowly releasing high pressure test hose connection
- Replace cap on quick thread adapter
- Close Cylinder valve and purge gas from PBK before storing

Safety

- **DO NOT EXCEED PRESSURE LIMIT OF CYLINDER**
- Read instructions before performing bypass service
- **DO NOT** leave PBK unattended while in use
- Monitor gauges while in use to prevent over pressurizing
- **DO NOT** perform operation in confined space
- Beware of sources of ignition and safety hazards when operating
- Internal damage can occur to CNG cylinder left empty with valve open
- Do not exceed pressure rating of any component on PBK
- Follow all utility procedures and safety protocols during operation

3210-623

800.292.2737 | sales@aymcdonald.com | aymcdonald.com

4/22

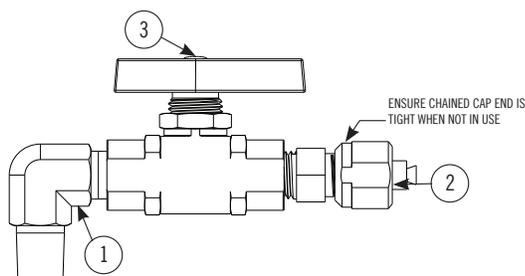


IMPORTANT NOTICE - READ CAREFULLY

Operation Instructions

4819-004 HPNPT PBK Quick Thread Adapter

PBK option for quick cylinder recharge and/or operating with tandem cylinder during bypass operations.



Item No.	Part Number	Qty	Description
1	4819-519	1	1/4" NPT HP Elbow
2	4819-520	1	Quick Thread HP Adapter
3	4819-526	1	1/4" Needle Valve T-Handle

Note:

- **DO NOT OVER-PRESSURIZE CNG CYLINDER** - Severe damage may occur
- Make sure ALL valves are closed before disconnecting test hose
- Adapter will be under pressure whenever cylinder is open
- Verify pressure of external source and functionality of high pressure regulator
- Use smooth jaw wrench only
- Follow all local codes for operating PBK
- Quick thread adapter rated to 3000 PSI
- Safe for use with Natural Gas

Before Use

- Ensure all users have proper training with Portable Bypass Kit
- Inspect cylinder and kit completely before each use
 - Verify CNG cylinder has been inspected and tested per DOT and local requirements
- Inspect fittings, regulators, gauges and hose for any signs of damage - replace if identified
- Follow all instructions and codes for filling the CNG cylinder
- **VERIFY CYLINDER PRESSURE RATING**

Operating High Pressure Quick Thread Adapter

- Remove cap on quick thread adapter
- Connect high pressure test hose (4819-521) to PBK adapter and external source
- Ensure all fittings are secure before opening valves
- Open gas valve from external source and verify pressure and seals
- Slowly open needle valve on the Quick Thread Adapter to begin fill or support bypass
- Watch the high pressure regulator to ensure pressure DOES NOT EXCEED RATED CAPACITY
- When operation is complete, close the needle valve and the inlet valve from external source
- Be sure all gas flow has stopped before Slowly releasing high pressure test hose connection
- Replace cap on quick thread adapter
- Close Cylinder valve and purge gas from PBK before storing

Safety

- **DO NOT EXCEED PRESSURE LIMIT OF CYLINDER**
- Read instructions before performing bypass service
- **DO NOT** leave PBK unattended while in use
- Monitor gauges while in use to prevent over pressurizing
- **DO NOT** perform operation in confined space
- Beware of sources of ignition and safety hazards when operating
- Internal damage can occur to CNG cylinder left empty with valve open
- Do not exceed pressure rating of any component on PBK
- Follow all utility procedures and safety protocols during operation

3210-623

800.292.2737 | sales@aymcdonald.com | aymcdonald.com

4/22