



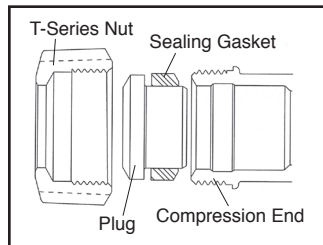
A.Y. McDonald Mfg. Co. Installation Instructions for 4693 Series Compression End Plug Kit

IMPORTANT NOTICE - READ CAREFULLY

The McDonald Compression End Plug Connection System is a simple, convenient method to provide end closure at valves or service fittings, when service line attachment is not required (see table for end configuration and appropriate plug kit #).

The simple steps listed below will make your job easier and assure fast, safe and watertight connections.

- 1) The connection end threads and sealing surface must be free of dirt or any other contaminants that would prohibit a proper seal.
- 2) Assemble gasket to plug body and insert into compression connection end (see diagram above).
- 3) Tighten the "T" Series nut to 50 ft-lbs. Over torquing by 5-10 ft-lbs will not affect the connection.
- 4) Pressure test for leaks before backfilling.
- 5) Use only on water services.
- 6) Following removal of a compression end plug, proper reinstallation of a McDonald compression end fitting requires use of all nuts, gaskets and grippers associated with the service fitting connection. All installation instructions, notices and cautions should be followed.



McDonald Waterworks products are designed for reliable service. Like all brass products, however, improper handling and use can damage them.

CAUTIONS

- 1) Protect threads. Avoid loose fitting wrenches. Do not drop or impact.
- 2) Use extra care with high pressure (over 100 PSIG) and pipe over 1". Consult factory if desired.
- 3) Inspect and test all joints, valves and fittings before backfilling.
- 4) Backfill carefully so as to avoid damage to the service line and connections. Looping of the service lines is recommended to minimize strain.
- 5) **DO NOT** use Vaseline[®], plumber's grease, or any other petroleum-based product on seals or o-rings.

DAMAGE CAUSED BY IMPROPER USE AND/OR HANDLING WILL VOID OUR WARRANTY.



4693 SERIES COMPRESSION END PLUG KIT

COMPRESSION END CONFIGURATION	KIT USED
<ul style="list-style-type: none"> - T Comp 3/4" - Q Comp 3/4" - 22 Comp 3/4" - C903 Comp 3/4" 	4693 3/4"
<ul style="list-style-type: none"> - T Comp 1" - Q Comp 1" - 22 Comp 1" - C903 Comp 1" 	4693 1"
<ul style="list-style-type: none"> - 3Q Comp 3/4" - 3T Comp 3/4" - 33 Comp 3/4" - 44 Comp 3/4" - 55 Comp 3/4" 	4693 1"
<ul style="list-style-type: none"> - T Comp 1 1/4" - Q Comp 1 1/4" - 22 Comp 1 1/4" 	4693 1 1/4" <i>* Note:</i> Consult factory for availability
<ul style="list-style-type: none"> - 3Q Comp 1" - 3T Comp 1" - 33 Comp 1" - 44 Comp 1" - 55 Comp 1" 	4693 1 1/4" <i>* Note:</i> Consult factory for availability
<ul style="list-style-type: none"> - TRW Comp 1 1/2" - QRW Comp 1 1/2" - 22RW Comp 1 1/2" - 44RW Comp 1 1/4" 	4693RW 1 1/2" <i>* Note:</i> Reduced weight ends only Consult factory for availability
<ul style="list-style-type: none"> - TRW Comp 2" - QRW Comp 2" - 22RW Comp 2" - 44RW Comp 1 1/2" 	4693RW 2" <i>* Note:</i> Reduced weight ends only Consult factory for availability



WARNING: Beginning January 1, 2010, it is unlawful in CALIFORNIA and VERMONT to use any product in the installation or repair of any public water system or any plumbing in a facility or system that provides water for human consumption if the wetted surface area of the product has a weighted average lead content greater than 0.25%. This prohibition does not extend to service saddles used in the state of CALIFORNIA.