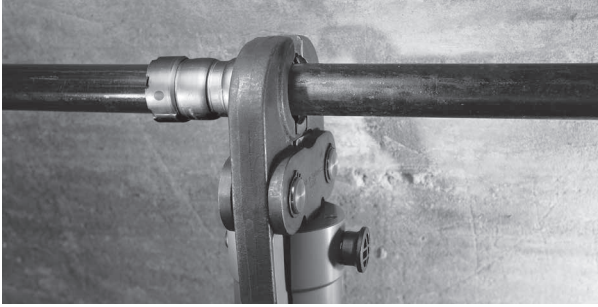


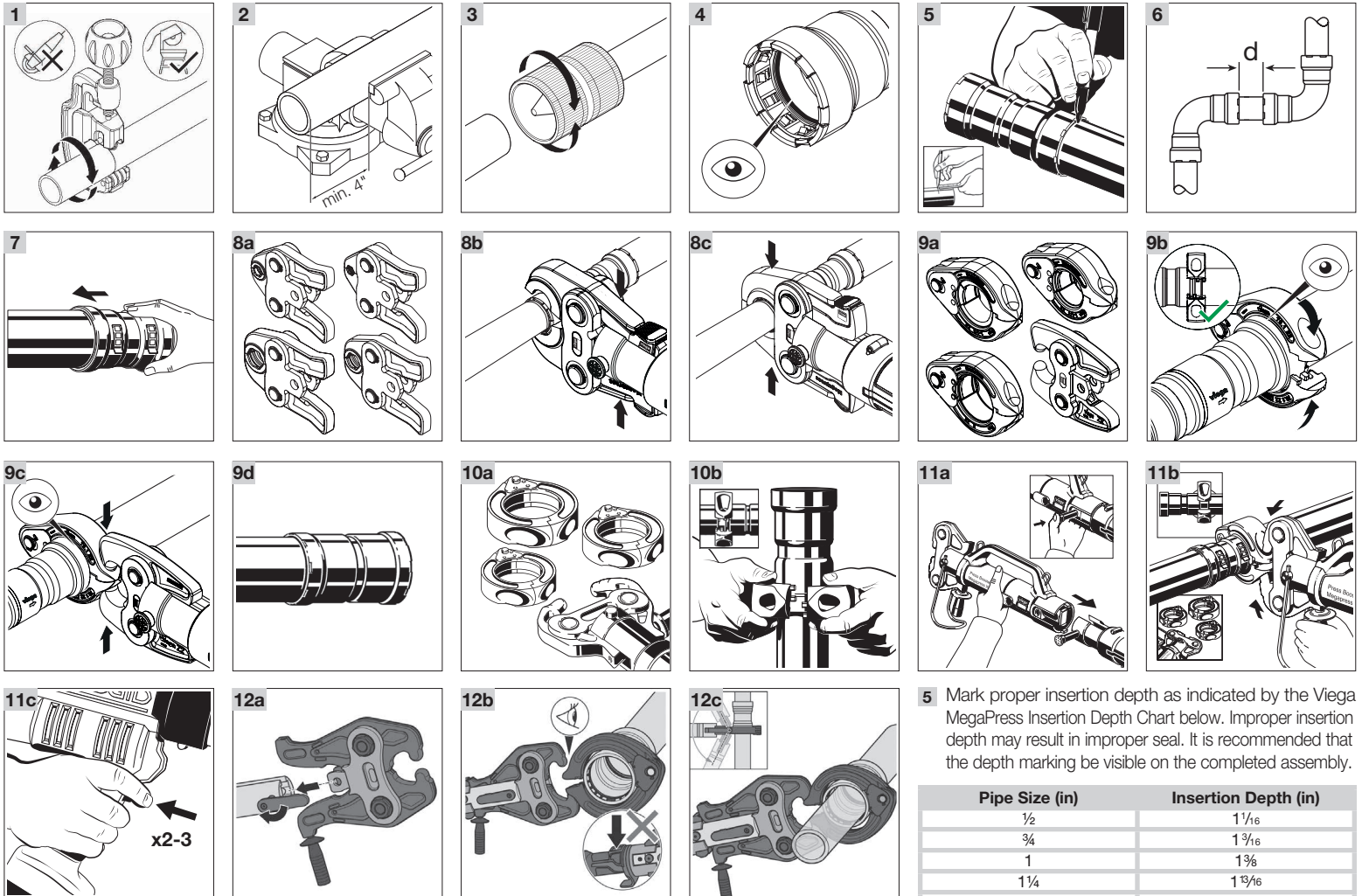
Product Instructions

Viega MegaPress®G ½" to 4" Fittings



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PI-MP 531441 0324 MegaPressG ½ to 4



5 Mark proper insertion depth as indicated by the Viega MegaPress Insertion Depth Chart below. Improper insertion depth may result in improper seal. It is recommended that the depth marking be visible on the completed assembly.

Pipe Size (in)	Insertion Depth (in)
½	1 1/16
¾	1 3/16
1	1 5/8
1 ¼	1 13/16
1 ½	1 7/8
2	2
2 ½	1 13/16
3	2 5/16
4	3 1/8

6 Refer to the chart below for minimum distance between fittings. To ensure a correct press, a minimum distance between press fittings must be maintained. Failure to provide this distance may result in an improper seal.

Pipe Diameter (in)	d (in)	d (mm)
½	¼	6
¾	¼	6
1	¼	6
1 ¼	½	13
1 ½	½	13
2	½	13
2 ½	½	13
3	½	13
4	½	13

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Viega MegaPressG ½" to 4" Fittings

IMPORTANT INFORMATION - FOLLOW ALL INSTRUCTIONS.

! Viega products are designed to be installed by licensed and trained plumbing and mechanical professionals who are familiar with Viega products and their installation. **Installation by non-professionals may void Viega LLC's warranty.**

! **DANGER!** Read and understand all instructions for installing Viega MegaPressG fittings. Failure to follow all instructions may result in extensive property damage, serious injury, or death.

! **Caution!** The fittings are for use with fuel gases and are intended for the operating pressure 0-125 psi.

! **Caution!** The fuel gas system shall not be used as a grounding electrode for an electrical system.

- Cut pipe square using displacement-type cutter or fine-toothed saw.
- Keep end of pipe a minimum of 4" away from the contact area of the vise to prevent possible damage to the pipe in the press area.
- Remove burr from inside and outside of the pipe and prep to proper insertion depth using a preparation tool or fine-grit sandpaper.
- Check seal, separator ring, and grip ring for correct fit. Do not use oils or lubricants.

- 7** While turning slightly, slide fitting onto the pipe to the marked depth. End of pipe must contact stop.



Caution!

For 2½" to 4" fittings, due to the brittle nature of the graphite separator ring, extra care must be taken when sliding the fitting onto the pipe so as not to damage the separator ring.



Warning!

Keep extremities and foreign objects away from press tool during pressing operation to prevent injury or incomplete press.

Pressing ½" to 1" Fittings

- 8a** Viega MegaPressG ½" to 1" fitting connections must be performed with MegaPress jaws.
- 8b** Open the MegaPress jaw and place at right angles on the fitting. Visually check insertion depth using mark on pipe.
- 8c** Start pressing process and hold the trigger until the jaw has engaged the fitting. Jaws will automatically release after a full press is made. Remove the MegaPress jaw from the fitting

Pressing 1½" to 2" Fittings

- 9a** Viega MegaPressG 1¼" to 2" fitting connections must be performed with MegaPress rings and V2 actuator.
- 9b** Open the MegaPress ring and place at right angles on the fitting. The MegaPress ring must be engaged on the fitting bead. Check insertion depth.
- 9c** Place V2 actuator onto the MegaPress ring and start pressing process. Hold the trigger until the actuator has engaged the MegaPress ring.
- 9d** Once the press is complete, release the V2 actuator from the MegaPress ring and then remove the MegaPress ring from the fitting.

Pressing 2½" to 4" Fittings

- 10a** Viega MegaPressG 2½" to 4" fitting connections must be made using MegaPress XL rings and either the MegaPress XL PressBooster or the MegaPress Z3 actuator.
- 10b** Open MegaPress XL ring and place at right angles on the fitting. The MegaPress XL ring must be engaged on the fitting bead. Check insertion depth.

Pressing with MegaPress XL PressBooster

- 11a** Remove the retaining bolt of the press machine. Slide the PressBooster in via the press jaw fixture. Slide the retaining bolt of the press machine in as far as it will go.
- 11b** To open the PressBooster jaw, pull back the handle at the hinged adapter jaw. Place PressBooster onto the MegaPress XL ring by inserting the ball heads of the hinged adapter jaw into the contact points of the XL ring. Push the handle forward to close the hinged adapter jaw.
- 11c** Hold the trigger until the PressBooster has engaged the MegaPress XL ring. The PressBooster requires two presses of the trigger to execute a complete press. A third press may be needed to initiate a release cycle to reset the rollers back to the original position. Once the press is complete, release the PressBooster from the MegaPress XL ring and then remove the MegaPress XL ring from the fitting.

Pressing with MegaPress Z3 Actuator

- 12a** On the press tool, rotate the retaining pin handle 180 degrees and pull it out to open the slot for the actuator. Insert the Viega Z3 actuator into the slot on the press tool. On the press tool, push the retaining pin back in and rotate it 180 degrees.

- 12b** Open the Viega Z3 actuator by pulling the handle back. Place the open Viega Z3 actuator onto the MegaPress XL ring by inserting the ball heads of the actuator into the contact points of the XL ring. Close the Z3 actuator.

- 12c** Start the pressing process by holding the press tool trigger until the actuator has engaged the XL ring. When the press cycle is complete, the actuator will stop and release. Once the Z3 actuator releases, remove it from the MegaPress XL ring and then remove the MegaPress XL ring from the fitting.



The installation, inspection, testing and purging of the fuel gas system shall be in accordance with local codes or, in the absence of local codes, in accordance with the International Fuel Gas Code, NFPA 54/National Fuel Gas Code z223.1, the Uniform Plumbing Code, NFPA 58 or CSA B 149.1 as applicable.



ANSI/CAN/UL/ULC 180 Standard for Safety for Combustible Liquid Tank Accessories: Compression Fittings for Aboveground Pipe Supply and Fill Vents. Install according to the Manufacturer's Instructions. For Combustible Liquid Use. Pressure rating max 125 psi / 861 kPa. Fire rating 30 minutes.