

INSTALLATION GUIDE

LEGENDPRESS® CSG FITTINGS

WARNING

LegendPress Carbon Steel Gas fittings must be installed following the below instructions. Verify that the pressing tool and jaws are the proper type for the schedule pipe and size of fitting that is being pressed. Refer to the pressing tool manufacturers instructions for proper operation and maintenance instructions before pressing any fittings with pipe. Make sure to utilize the proper personal protection equipment such as durable gloves, eye protection, hard hats and steel toed boots.

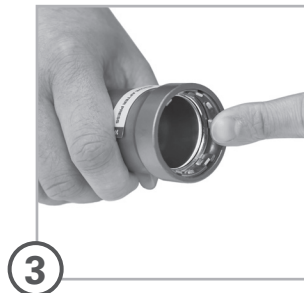
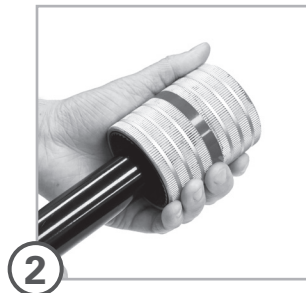
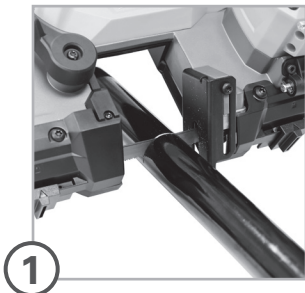
Fittings are approved for indoor or outdoor use and above or below ground installations. Per code, local inspector approval must be granted prior to installation below ground.

Designed for installation onto ASTM A53 Schedule 10 to Schedule 40 carbon steel pipe. See insertion depth chart below.

Improper installation may void the product warranty and could lead to failure of a press joint, resulting in serious property damage and/or bodily injury, including death.

TUBE PREPERATION INSTUCTIONS

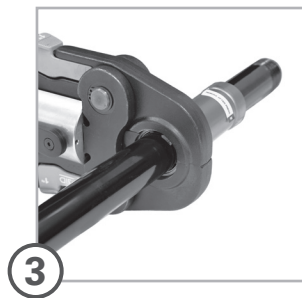
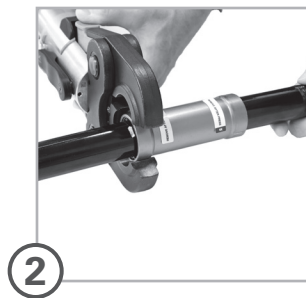
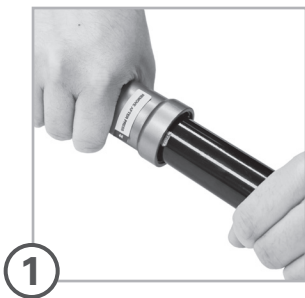
1. The pipe should be cut square (at right angles) with either a pipe cutter or saw designed for that purpose.
2. The pipe must be deburred on the inside and outside using a deburring tool (hand or powered), or file to remove all fragments from the cutting process. After the pipe has been deburred, using sand-cloth or similar material, fully clean the outside of the pipe that will go into the fitting. The area of pipe to be pressed should be free of loose paint, rust and dirt.
3. Inspect the fitting. Make sure that the fitting is free of defects and clear of any debris on the inside. Verify that the sealing o-ring, spacer and grip ring are present and free of any visual defects.
4. Referring to the below insertion depth chart, measure and mark the end of the pipe to be installed into the fitting.



Nominal Pipe Size	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
Insertion Depth (in.)	1-3/16"	1-1/4"	1-5/8"	1-7/8"	2"	2-1/8"

INSTALLATION

1. Carefully insert the pipe into the fitting up to the marked depth, from step (table) 4 of the tube preparation. The pipe must make contact with the internal stop and the mark on the pipe should be visible, at the edge of the fitting collar.
2. Prepare the press tool and jaw to make the connection. Verify that the tool and jaw are the proper type and size for the fitting. Verify that the jaws are free of any debris or foreign objects. Follow the tool manufacturer's instructions so that the press is complete and secure. **Compatible tools and jaws listed on page 3.**
 - 1/2" thru 1"- Open the jaws of the pressing tool and align them over the fitting collar that is to be pressed. The pressing jaws should be straight and parallel with the end of the fitting. Verify that the mark on the pipe is still in the correct position, right next to the end of the fitting.
 - 1-1/4" thru 2"- Use a two-piece Press Ring & Actuator for the pressing operation. Open and place the press ring over the fitting bead. Place the actuator on the press ring making sure that the actuator tongs are firmly set into the tong slots.
3. Press the fitting according to the tool manufacturer's instructions. Generally, the installer needs to squeeze and hold the tool trigger for one complete cycle of the tool. Do not release the trigger in the middle of the pressing cycle since this may lead to an improperly pressed connection. The mark on the pipe should be monitored until the press is completed to ensure that the fitting has not moved.
4. Remove the press jaws from the fitting and inspect the connection. If the pressing tool made a complete cycle and the connection looks proper, remove the press indication label from that end of the fitting.
5. Prior to pressure testing the complete system should be inspected to make sure there are no fittings with press indication stickers on them. If a sticker is found in place, visually inspect the joint for signs that it was pressed. If there are no visual signs or the installer is not completely certain, return to step 4 and press the joint.
6. After all the press connections are verified to be complete, the system should be pressure tested. LegendPressCSG fittings are designed to show a leak if a connection is not pressed. The initial pressure test should be a low-pressure test, no more than 15 psi (air or water). Once the initial pressure test is successful, higher pressures can be used.



Scan here to view the complete LegendPressCSG IOM and video installation guide.



NOTICE

Failure to read and follow all instructions for LegendPressCSG valves and fittings may result in improper installations and potential leaks.



WARNING

Cancer and Reproductive Harm. Find more information: www.P65Warnings.ca.gov

COMPATIBLE TOOLS & PRESS JAWS

Milwaukee:

- M-12 Force Logic with IPS-P jaws – Up to 1”
- M-18 Force Logic with IPS-P jaws – Up to 2”

Rigid:

- Compact (RP240 & 241) with MegaPress jaws – Up to 1”
- Standard (RP350, 351 & 342-XL)
 - MegaPress jaws – Up to 1”
 - V1 Actuator and MegaPress Rings – Up to 1-1/4”
 - V2 Actuator and MegaPress Rings – Up to 2”

DeWalt:

- DCE200 tool with the above Milwaukee & Rigid jaws/rings