



Special Application "Fill Pipe" Insert Inlet Check Valve (ICV) Fig. 29689 Installation Instructions

PLEASE READ ALL INSTRUCTIONS BEFORE PROCEEDING

These valves are for use on fuel tanks to comply with the EPA standards and meet the requirements of U.S.C.G. Safety Standards (July 31, 2011) for 40 CFR Parts 9, 60, 80 et al. (Control of Diurnal Emissions From Nonroad Spark-Ignition Engines and Equipment).

The Inlet Check valve is designed to reduce or eliminate a reverse flow of fuel (wellback and spitback) from the fuel tank to the fuel fill via the fill hose.

Cat. Nos. 29689 can **only** be used with standard 1½" fill pipe connections and a maximum refueling rate of 18 gallons per minute.

Installation should be done by a qualified marine mechanic.

To install:

- 1) Make sure there will be at least 2" of straight hose section for the ICV.
- 2) Prior to removing hose, mark the position of the end of the hose on the fuel tank hose nipple.
- 3) Loosen hose clamps and disconnect the fill hose from fill pipe inlet on the tank.
- 4) Insert the valve into the fill pipe (small diameter end first) until it rests against the pipe opening. (see Diagram 1).
- 5) Re-attach fill hose by pushing onto the tank pipe nipple until the hose reaches the original marked position. (see Diagram 2).
- 6) Tighten using hose clamps in accordance with ABYC Fuel System Vent Hose Clamping Standards.
- 7) Pressure test for leaks in accordance with ABYC H-24.



Fig. 29689

Diagram 1

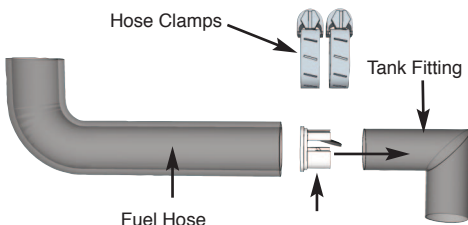


Diagram 2

