PERKO®

Aftermarket Only (Installation on Existing Systems)
Special Application "In-Hose" Inlet Check Valve (ICV)
Fig. 0635 Installation Instructions

PLEASE READ ALL INSTRUCTIONS BEFORE PROCEEDING

These inlet check valves valves are designed to reduce or prevent wellback and spitback of fuel via the fill hose while and immediately after refueling. They can also be used in conjunction with additional tank valves & stanchion tubes in fuel systems designed to meet the EPA standards (July 31, 2011) for 40 CFR Parts 9, 60, 80 et al. (Control of Diurnal Emissions From Nonroad Spark-Ignition Engines and Equipment).

These check valves have been designed for use with plastic or metal tanks. **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. 0635000 and 0635DP0 can **only** be used with standard 1½" fill hose and a maximum refueling rate of 18 gallons per minute.

Cat. Nos. 0635002 and 0635DP2 can **only** be used with standard 2" fill hose and a maximum refueling rate of 18 gallons per minute.

Installation should be done by a qualified marine mechanic.

To install:

1) Prior to removing hose, mark the position of the end of the hose on the fuel tank hose nipple.
2) Loosen hose clamps and disconnect the fill hose from the tank.
3) Make sure there will be at least 2" of straight hose section for the ICV (see dimension "A" in Diagram 1)
4) Insert the valve into the fill hose (small diameter end first) until at least ½" of fill hose extends beyond the valve.
5) Re-attach fill hose by pushing onto the tank nipple until the hose reaches the original position.
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.

NOTE: The 0635 inlet check valve can be located nearer to the fuel fill than to the fuel tank provided it is kept at least 12" away from the tip of the fuel pump nozzle when fully inserted in the fill. Also note that the 0635 inlet check valve may be less effective when located further away from the fuel tank.

Diagram 1

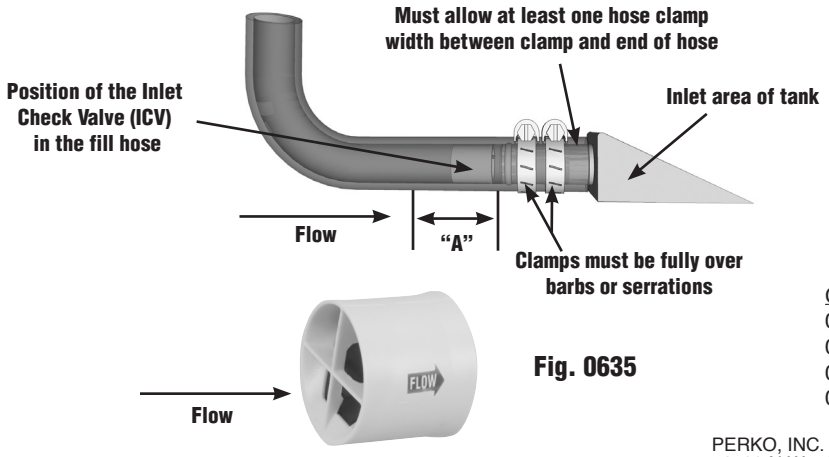

Fig. 0635

Cat. Nos.
0635000
0635DP0
0635002
0635DP2

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