

# PERKO® P-Trap Gas Tank Vents on EPA Fuel Systems

## Fig. 0632 P-Trap Tank Vent (Black Body)

### INSTALLATION INSTRUCTIONS

Read all directions before proceeding.

Note: These P-traps are for use on fuel tanks to comply with the CARB and 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).

Perko P-Traps are certified to meet the requirements of ABYC Standard H-24.18.4.4 through H-24.18.4.4.2. This standard specifies testing for certification using ONLY a direct stream of water. This test does not assure that the P-trap will prevent water intrusion from other directional streams, spray, heavy vapor & mist and from submersion. P-traps should never be installed in locations where they could be subjected to conditions beyond the certification limits of the P-trap or by falling outside of H-24.18.4.4 test parameters unless additional testing is conducted to assure there will be no water intrusion into the canister or fuel system.

- 1). The P-trap vent must be installed in accordance with U.S.C.G. Safety Standards for Boat Gasoline Fuel Systems, #33CFR183 and A.B.Y.C. Standard H-24. **Note:** The P-trap must be mounted within 20° of vertical.
- 2). Locate the mounting surface with a thickness up to 5/8 inch maximum.
- 3). Drill a 13/16 inch diameter hole in the mounting surface.
- 4). Insert threaded adapter through mounting hole and rubber gasket. Thread adapter into P-trap body.
- 5). Before tightening, apply bedding compound around the outside of the mounting hole front. Then tighten the adapter securely against the mounting surface.
- 6). Place the splash guard (style 1, 2 or 3) onto the adapter end and thread the splash guard plug into the adapter tightening securely.
- 7). Attach the vent hose line (either 5/16" or 5/8") to the barbed end of the P-trap body, and secure with a hose clamp.
- 8). To pressure test the fuel system, remove the splash guard vent cap, and attach an optional orange test cap (Cat. No. 0630TSTPLG).
- 9). Remove test cap, and re-attach vent cap after pressure testing.

\*The above referenced standards can be obtained from:

(1). American Boat & Yacht Council, Inc.  
613 Third Street, Suite 10  
Annapolis, MD 21403

(2). U.S. Coast Guard  
Washington, D.C. 20593  
(or your local C.G. office)

(3). E.P.A.  
401 "M" Street S.W.  
Washington, D.C. 20460

### Mounting Diagram

