

# Bubbler Installation

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After an HHO system is powered off it slowly cools down. This cooling causes a vacuum pressure to build in the lines that will pull the water out of any Bubbler unit and cause it to go dry.

This situation is best overcome by the installation of two check valves. The first check valve (A) should be installed in the HHO line between the Bubbler and the HHO system. This prevents any reverse flow that can pull the water back from the Bubbler.

The second check valve (B) is placed prior to the first leading into a T fitting to let air back in to the system as it cools down. This acts as a pressure relief valve and gradually allows outside pressure to enter the system as it cools and prevents the tank from collapsing.

The proper installation of a Bubbler unit will act as a 'scrubber' to clean your HHO gas from any contaminants like unwanted electrolyte as well as eliminate any steam that may find its way to the engine. A Bubbler will also add some safety against flashbacks if your vehicle is carbureted or in poor mechanical condition.

