

Filtered Air Purge for Severe Environments

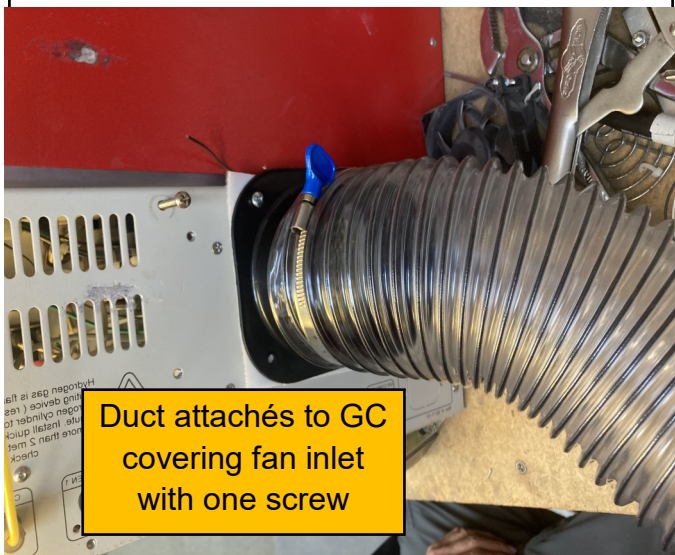
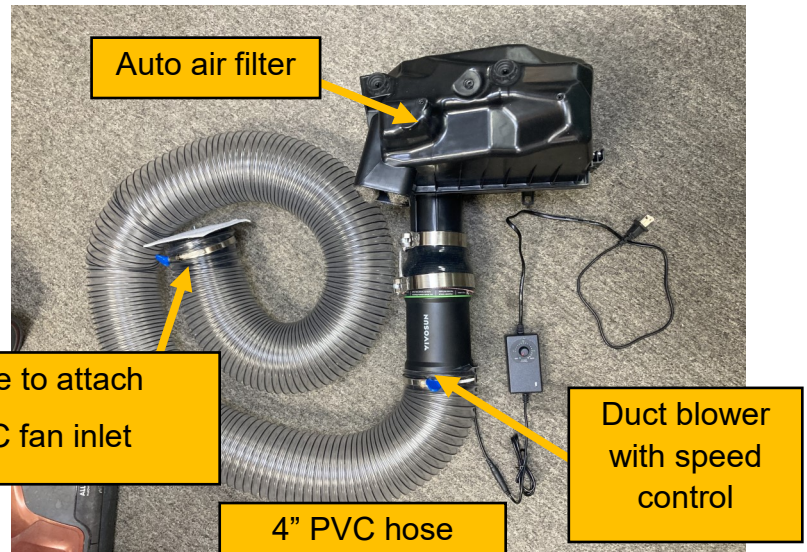
October 2026

To prevent damage to the SRI GC when used in severe environments where lots of dust or fumes are present, SRI has assembled a system consisting of an automobile air filter, a duct blower, and a flange to attach to the GC over the existing chassis fan. The high volume of air through the automobile air filter will keep the inside of the GC purged with a positive pressure of clean dust-free air.

The inlet to the air filter housing is stuffed with steel wool to catch/neutralize some of the H₂S/chemical fumes and larger particles. As the steel wool rusts, it's cheap to replace. The automobile air filter element is also cheaply available on Amazon so can be replaced as it gets dirty.

The PCV hose is long enough that the air filter element can be located in the cleanest place (inside the passenger compartment for example).

The flange at the GC's fan inlet is sealed around the edge with Velcro and a single mounting screw and can easily be removed if the GC is relocated.



SRI Tech Support:
310-214-5092