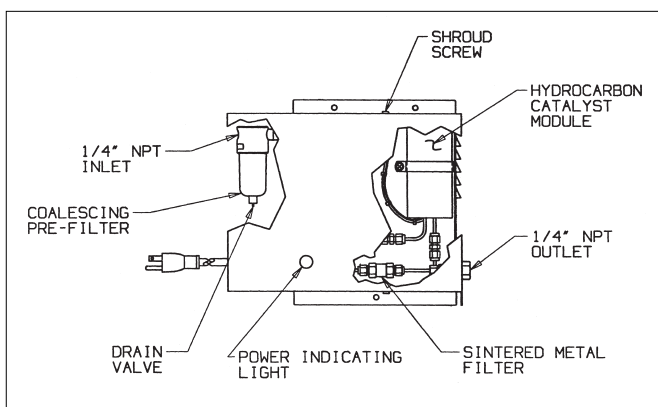


# Catalyst Module Replacement: Parker Balston® Zero Air Generator Model 75-83



Cutaway View

## Catalyst Module Replacement

The catalyst module (P/N 75394) in the Parker Balston 75-83 Zero Air Generator should be changed every two years to maintain the hydrocarbon removal specification for the unit.

The tools required to change the catalyst module are: a Phillips head screwdriver, a flat head screwdriver, and two 7/16" open end wrenches (or two adjustable wrenches). The procedure for replacing the catalyst module is as follows (see illustration for component locations):

- 1 Switch off the power to the unit and unplug the generator from the power receptacle. Allow the compressed air to continue to flow through the 75-83 to improve heat dissipation during cooling. **Allow the generator to cool for at least 2 hours.**
- 2 Close the (customer installed) inlet air valve and remove the cover from the generator. The cover is held on by 2 Phillips head screws, one on the top, and one on the bottom of the cover. Bleed any residual pressure from the system by depressurizing the prefilter.
- 3 Disconnect the electrical fitting to the catalyst module at the connector.
- 4 Using the two wrenches (one as an anchor), disconnect the module inlet and outlet fittings at the elbow. **Leave elbow and one fitting attached to the module at the inlet and outlet.**
- 5 Remove the clamp screw to release the catalyst module from the generator. The insulation blanket is removed with the module, elbows, and fittings. Replace the spent module with the replacement module by reversing the removal procedure.
- 6 Pressurize the system and check thoroughly for leaks using a leak detecting solution.
- 7 Replace generator cover and commence operation as detailed in the Startup section of this manual.

