



DIY Power Level Valve Gasket

I did this project because of the failure of a set of new cork-compound gaskets in these valves. IMO, EPDM sheeting is superior in every way as a gasket material for this purpose.

Use 1/8" EPDM material.

Leather punches from Amazon or HF provide best/cleanest results. The perimeter cut can be completed after installation, with a razor blade.

Tooling marks are considerable in these valves. You want to leave some "tooth" in the surface to assist in keeping the gasket in place. But mine were excessively scored. Light sanding may be advisable. Optionally, lightly grease both sealing surfaces with Permatex 51813 Anaerobic Gasket Maker.

Torque Torx-head bolts joining the two sides snug but don't go nuts (this is holding back up 120 PSI)

Several openings are intentionally undersized to help the gasket retain shape and remain in place over the sealing surfaces; these openings are still larger than inside diameter of airlines, and therefore do not add any restriction.

This document should print at accurate size, but check with your own valve body before punching holes.