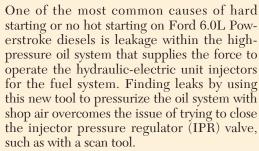


## 6.0L High Pressure Oil System IPR Air Test Tool

## by M&J Products

(dist. by Accurate Technical Services)



The IPR valve is not designed to close completely; as a result, the incompletely closed valve allows enough leakage to make it difficult to find the leakage points that are affecting starting. This tool replaces the IPR valve for the test, so the system can be sealed, and any leaks you find will be ones that have to be cor-

rected. The tool, which also works with the new Powerstroke standpipes with internal check valves, is available by itself or in a complete assembly with a heavyduty hose and shutoff valve. So when the system is



pressurized, closing the shutoff valve traps air pressure for easier diagnostics. The test procedure takes about 20 minutes. The turbo remains in place during the test. (www.accuratediesel.com/circle #115)

## No. WV711 Smart Pressure Diagnostic Smoke Machine by Vacutec

Smoke machines have become essential tools for evap leaks but, as we've seen, they're also being redesigned, and used with adapters, for a variety of other automotive leak detection functions. As turbocharged engines become more common because of their potential for a combination of increased performance and better fuel economy, the need to identify high-pressure leakage in them has arisen, and smoke machines are a logical choice. However, at high pressures the smoke tends to thin out and leaks become more difficult to find.

The No. WV711 Smart Pressure Diagnostic Smoke Machine takes a twopronged approach: First, it incorporates a digital microprocessor that automatical-

ly maintains the densest smoke possible at any selected pressure up to 43.5 psi, which increases the visibility of the smoke stream. Second, it incorporates an ultraviolet dye that deposits a trace at the lo-



cation of the leak. The machine runs with shop air or any inert gas, such as nitrogen. It also calculates leak rates from its measurement of flow rate during pressure decay testing. (www.vacutec.com/circle #116)