Racor announces improvements to the RK11-1676 bottom mount vacuum gauge for all applications. This trusted indicator gauge has been in field service for over seventeen years, providing our customers with rugged, dependable service.

In use, the gauge indicates fuel system restriction while the engine is running. As the filter element becomes plugged with contaminants, the reading will increase in value as well. As the filter becomes more heavily contaminated, the fuel flow will be restricted to the point of a loss of performance, engine stalling or shutdown.

To head off this inevitable result, many customers mark the gauge dial glass just before the maximum reading the engine can take. Contact your engine supplier for the maximum vacuum restriction value.

Monitoring the black needle to ensure it does not reach this setting has been difficult as the operator must observe the needle while the engine is running at service speed (the gauge is not always mounted in a location that is easy to monitor).

Now Racor introduces a tell-tale needle that follows the black needle as it indicates increasing vacuum. When the engine is shut down, the black needle will reset to zero and the red tell-tale needle will stay at the highest reading. Now the operator can monitor system restriction results without the engine operating.

Additionally, a change-out line has been added to the inside of the gauge acrylic lens. The gauge bezel (ring) may be rotated to position the change-out line to the point at which the fuel filter should be changed. This point should be at least 2 inHg before the fuel system’s maximum allowable restriction.

Your engine manufacturer can offer data on the maximum fuel system restriction for your particular engine.

The internal workings of the gauge are high quality precision components including an inlet ‘snubber’ to dampen system pressure/vacuum spikes. The black indicator needle is siliconed dampened to provide steady readings even during equipment vibration. The case exterior is made of corrosion resistant stainless steel.

This improvement will also be applicable to the RK11-1669 T-handle/vacuum gauge kit.