

Vacuum / Compound Gauge Kits

Vacuum and Compound (vacuum/pressure) gauges and related hardware are available to monitor element condition. As the filter element slowly becomes clogged with contaminants the restriction (resistance to flow) increases. The fuel pump still tries to draw fuel (suction) but because of this restriction less fuel is delivered to the engine and instead more air is pulled from it (fuel de-gassing). These results can cause the engine to lose power and eventually stall.

By installing a vacuum gauge in your fuel system (at the outlet side of the Racor filter) visual monitoring of element condition is possible at a glance. Note the position of the dial, or apply the 'red line' decal provided with most kits. This will assist in easy monitoring as filter efficiency begins to decrease when a filter change is necessary.



1606B Gauge

Note: Intervals of element changeout may vary depending on fuel cleanliness. Always keep a spare Racor element on hand.

Compound gauges are recommended for applications where pressure is occasionally present. These conditions are typically a result of 'head' pressure which is present in overhead fuel tank installations. Whatever the reason, compound gauges should be used because damage may result if a straight vacuum-only gauge is used.

Kit Part No.	Description	Application Suction (vacuum) or Pressure	
RK11233	Vacuum Gauge, all liquid filled out, 2" dial, 0-30 in.Hg. with 1/4" NPT back bracket mount.	Vacuum (Suction) or Pressure	
1606B	Vacuum Gauge Kit. Gauge (RK11233), one 7232-4 & 7234-4 fitting. Instrument panel installation. #4 hose not included.	Vacuum (Suction) or Pressure	
7232-4	Adapter fitting, 1/8"NPTM X#4 (1/4") hose. Use with 0102-4-2 fitting, if needed.		
7234-4	Adapter fitting, 1/4" swivel X #4 (1/4") hose. Use with all gauges, if needed.		
0102-4-2	Adapter fitting, straight 1/4" NPTM x 1/8" NPTF. For use with 7232-4 / 7234-4 fittings, if needed.		
RK11-1676	Vacuum Gauge. all liquid filled out, 2" dial, 0-30 in.Hg. With 1/4" NPT bottom boss mount.	Vacuum (Suction) or Pressure	
RK11-1669	'T-Handle' Vacuum Gauge Kit. Includes Gauge (11-1676) and lid fitting (11-1668).	Vacuum (Suction) or Pressure	
RK18-1104	Compound Gauge, liquid filled, 2" dial, 0-30 inHg. / 0-30 psi. 1/4" NPT back bracket mount.	Vacuum (Suction) or Pressure	
RK18-1551	Compound Gauge, liquid filled, 2 1/2" dial, 0-30 inHg / 0-30 psi. 1/4" NPT back boss mount.	Vacuum (Suction) or Pressure	
RK19476	Compound Gauge, 2" dial, 0-25 in.Hg. / 0-15 psi. 1/4" NPT bottom boss mount.	Vacuum (Suction) or Pressure	

Vacuum Gauge or Switch Adapter Fittings

Fitting Part No.	Old Part No.	Use with:	Thread 1	Fitting end 2	Qty.	
913-O6-D6	9010HF6-6DTB	500 Series	9/16"-18	3/8" hose	10	
Features 1/8" NPTF to attach vacuum gauge hose fitting.						
911-O8-D8	New	500 / 4120R	3/4"-16	3/4"-16 SAE	10	
911-O10-D10	New	900 / 1000	7/8"-14	7/8"-14 SAE	10	
9040-10-DT	No change	900 / 1000	7/8"-14	1/2"-14 NPTF	10	
Both above feature 1/4" NPTF to attach vacuum gauge or hose fitting.						

Water Detection Modules & Kits



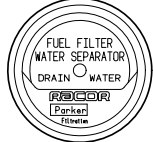
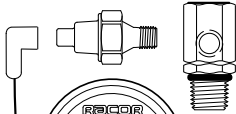
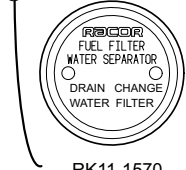
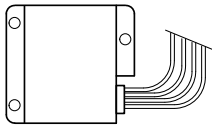
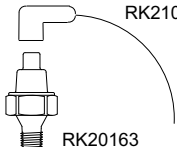
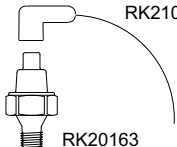
Racor Water Detection Kits are available in a wide selection for various installation requirements. Under dash, in-dash and remote mount, these solid-state units may be used with any Racor fuel filter/water separator and water probe. They are manufactured using the highest quality materials and are all 100% electrically tested.

An electronic detection module analyzes electrical resistance at the water probe and determines if water is present.

If so, the detection module operates to indicate water, based on its features listed below. All units reset automatically after water is removed (unless specified).

Caution: The water probe and detection modules work with 12 or 24 volts, direct current only and should never be wired to other brand modules or household 110 or 220 volts, alternating current.

Use the guide below to find the correct detection module for your application.

Kit Part No.		Use with the following voltage:	
RK12870	Under dash Water Detection Module illuminates and sounds when water is detected. Water must be drained to reset light and stop horn. Plastic enclosure measures: 1.38" square x 1.25 deep.	12V DC	 <p>RK12870 / RK12871</p>
RK12871	Under dash Water Detection Module, same as above.	24V DC	
RK20725	Under dash Mount Water Detection Module. Light only. Green 'ON' lamp illuminates with power and red 'DRAIN' lamp illuminates when water is detected. Initial power – up self diagnosis feature and circuit protection included. Plastic enclosure measures: 2.75" x 1" x 1.5"	12V DC	 <p>RK20725 / RK20725-24</p>
RK20725-24	Under dash Water Detection Module, same as above.	24V DC	
RK20726	2" Gauge Type Water Detection Module. Light and audio. Red 'DRAIN' lamp illuminates continuously and horn sounds momentarily when water is detected. Initial power-up self diagnosis feature and circuit protection included. Plastic case, satin black dial with white lettering.	12 or 24V DC	 <p>RK20726</p>
RK30056	2" Gauge Type Water Detection Module and Water Probe Kit. (Module RK20726 and Probe RK21069, with 1/2"-20 threads).	12 or 24V DC Bowl must have water probe port	
RK11-1570	2" Gauge Type Water Detector & Filter Restriction Module. Includes pre-set vacuum switch (7in.Hg.), connector and outlet adapter fitting. Red 'DRAIN' or 'CHANGE FILTER' lamp illuminate continuously and horn sounds momentarily when water is detected. Probe not included. Steel case, black dial with white lettering.	12 or 24V DC For units with 7/8" SAE ports	 <p>RK11-1570</p>
RK14329	Remote Detection Unit. Sends 12V DC hot (+) signal when an input ground signal (from a water probe or a vacuum switch – not included) is received. Must be used with a relay to power a horn or indicator lamp (if draw is over 1 amp). Plastic enclosure measures: 3" x 2.5" x .75"	12V DC	
RK14321	Remote Detection Unit. Same as above but sends 24V DC hot (+) signal.	24V DC	
RK14332	Under dash mount. Same as RK14329 but sends a ground (-) signal. Enclosure size is same as RK20725, above.	12V DC	<p>RK14329 / RK14321</p>
RK20163	Vacuum Switch Kit. 12 or 24V DC, non-adjustable, 'NORMALLY OPEN' contacts close at 7 in.Hg., 118" NPT threads. For use with all models.		 <p>RK20163</p>
RK21030	Vacuum Switch Connector Kit (for use with above). Molded connector with single 18 AWG., 18" blue wire lead.		 <p>RK21030</p>