

# RK 11-1669 T-handle Vacuum Gauge Kit

For 900 and 1000 Turbine Series Filters

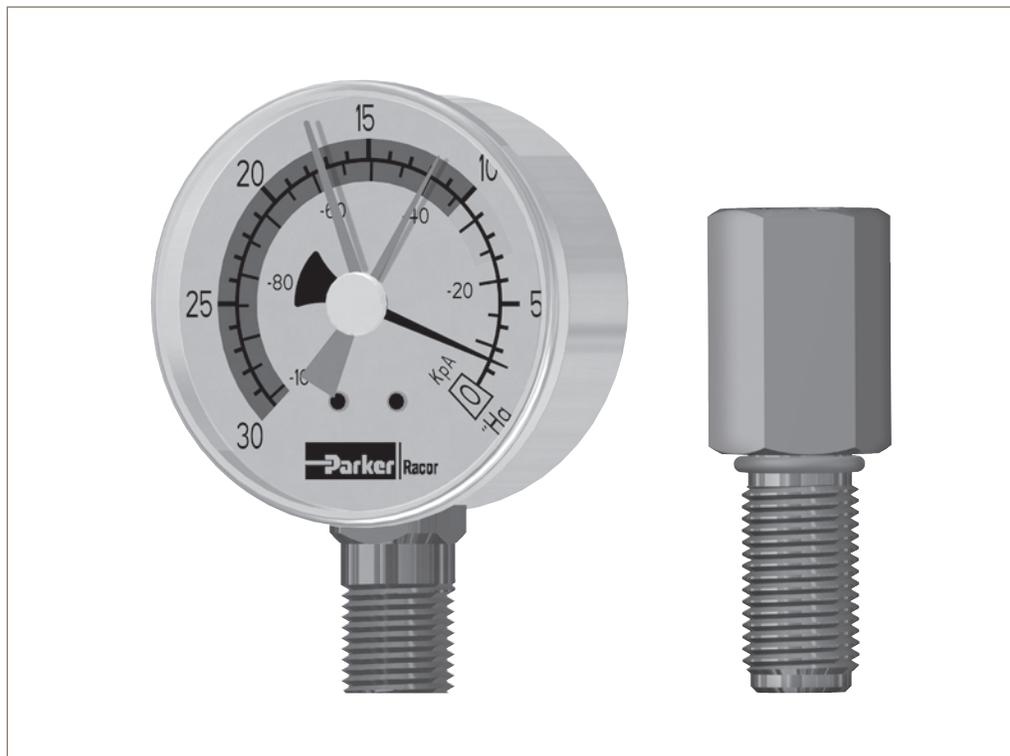
Instruction Part Number 14396 Rev -



## Overview:

T-handle vacuum gauges available to monitor filter condition. As a filter slowly becomes clogged with contaminants, restriction (resistance to flow) increases. Because of this restriction, more air is mixed with fuel and less fuel is delivered to the engine (fuel de-gassing). This will result in loss of power and eventually stall the engine.

Installing a T-handle Vacuum Gauge in your fuel system gives you a visual monitor of your filter condition. Excessive resistance on the gauge means it's time to change the filter.



## Contact Information: Product Features:

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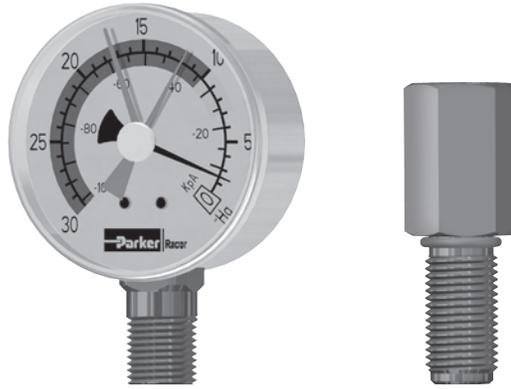
www.parker.com/racor  
www.parker.com/racorproducts

- Rotatable bezel ring to set the change-out line.
- 1/4" NPT threads.
- 9/16"-18 UNF fitting included.
- Red tell-tale pointer follows black restriction pointer to highest reading. Reset, using center knob.
- Black restriction pointer.



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# RK 11-1669 Overview



## Specifications

<b>Application</b>	For 900 and 1000 Filter Assemblies
<b>Thread Size</b>	1/4" NPT bottom boss mount
<b>Fitting Thread</b>	9/16"-18 UNF
<b>Dimensions</b>	2.0" W x 1.1" D
<b>Dial</b>	2 in. (5.1 cm)
<b>Weight (dry)</b>	0.3 lb (0.1 kg)
<b>Ambient Temperature Range</b>	-40° to +250°F (-40° to +121°C)

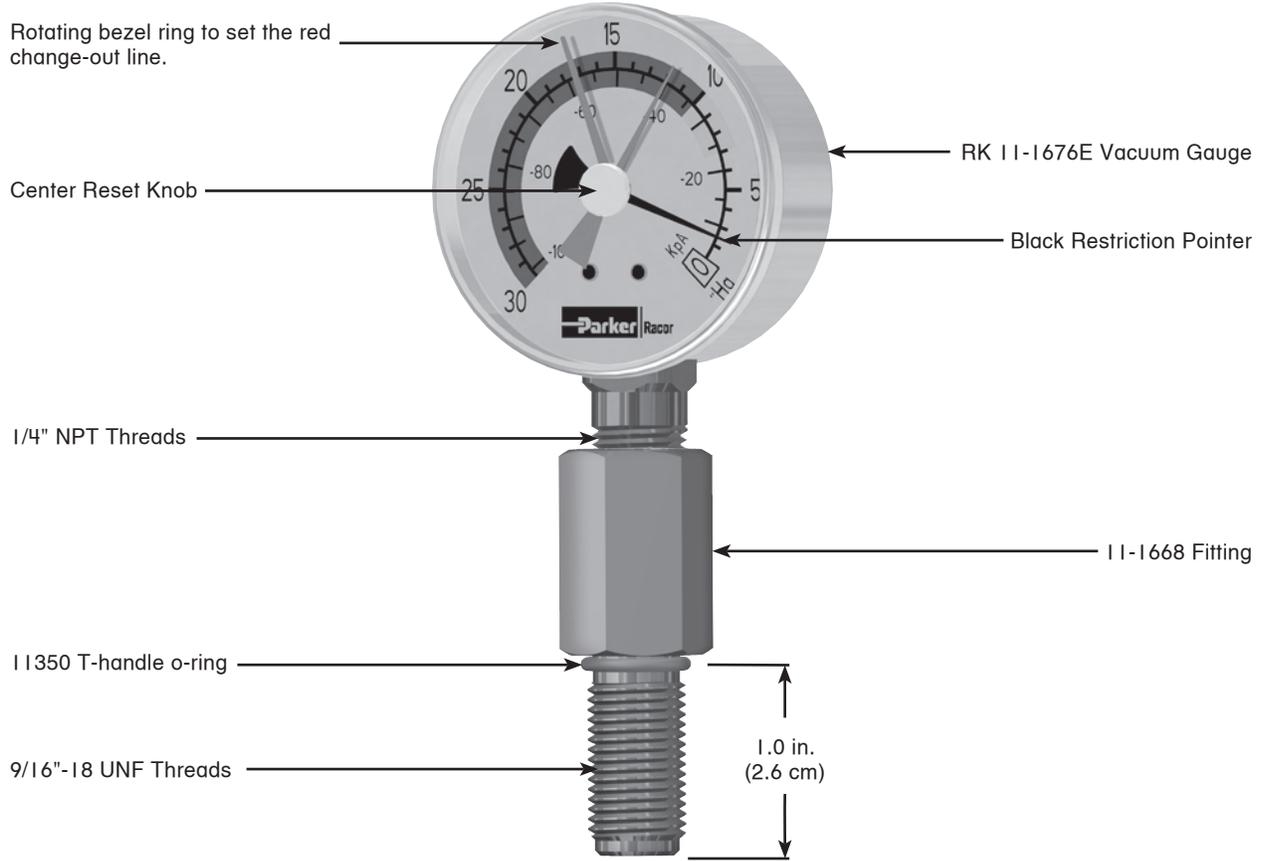
**Special Notes:** For severe vibration applications, mount gauge on a stable, remote location and connect to the source using flexible tubing. After September 1999, Racor converted many liquid-filled gauges to new silicone dampened movement. This new (dry) technology provides a vibration resistant design that never leaks fluid or requires adjustments due to temperature or altitude variations.

## Installation Guidelines

It is recommended to remove any dirt or debris from the filters lid before installation.

1. Remove existing T-handle.
2. Attach vacuum gauge to adapter fitting (if not already done) using a thread sealant.
3. Apply Parker Supper O-lube (part number **RK 31605**) or clean motor oil onto o-ring.
4. Install O-ring (part number **11350**) carefully onto adapter.
5. Install the gauge adapter assembly into the top of lid **Hand Tight**. You may need to orient gauge within the adapter body to face the appropriate direction.

# Mounting Information



**Note:** Do not use this kit for USCG inspected marine applications: Order Kit number 1606B for dash-mounted gauge.

## Service Instructions

The actual reading at which you should change the filter will depend on many factors as fuel systems vary so greatly.

As a rule, many pumps have trouble delivering fuel to the

engine when restriction reaches 7"-10" of mercury (inHg). Some falter much earlier, some later.

Carry an extra Racor filter (or two) and at the first indication of power loss -usually at high RPMs- pull

over and note the gauge reading.

This should provide an idea when future service is needed. Replace dirty filter with a new Racor filter at the earliest opportunity.

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