

RK30880E

Water-in-Fuel Detection Kit

Instruction Part Number 22557 Rev B

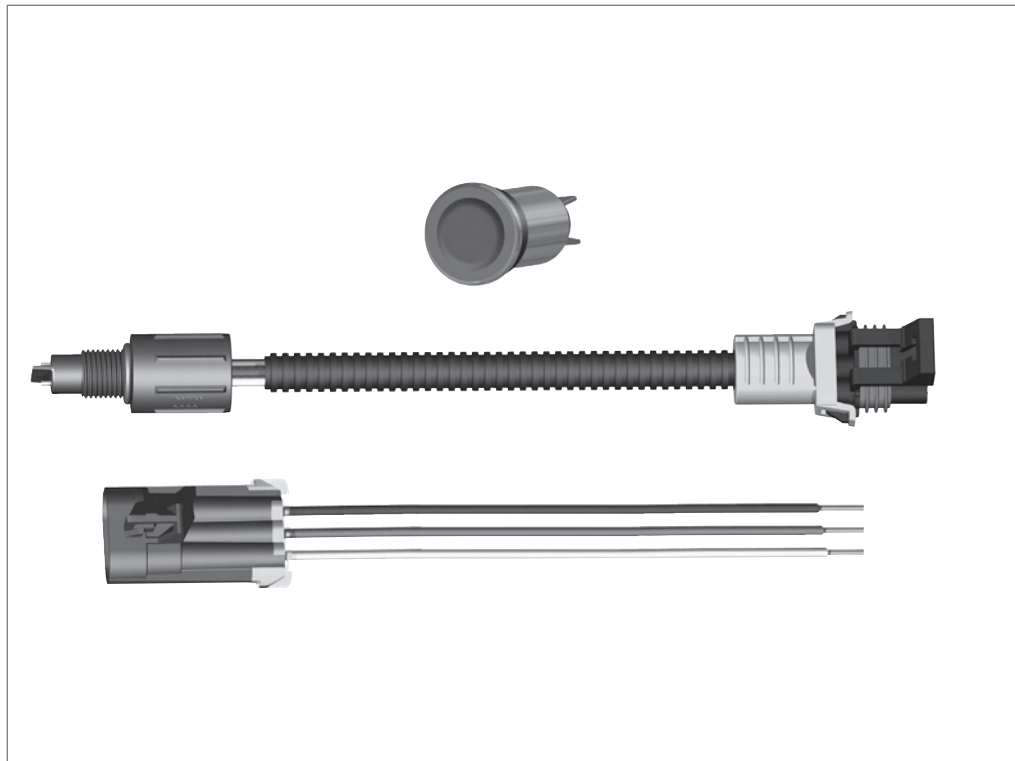


Overview:

This kit includes new and enhanced detection electronics built into the probe body and works with 12 or 24 volt DC systems.

Once the level of collected water rises to make contact between the two probe tips, a yellow warning light will illuminate, indicating time to drain water and contaminants from the collection bowl.

Follow draining instructions provided with each fuel filter/water separator to drain the collection bowl. After water has been drained, the warning light will reset and no longer be illuminated.



Contact Information: Product Features:

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- Housing Permanently Marked for Identification
- Includes a Warning Light
- Circuit Board Power Controller (10 volt continuous)
- Reverse Polarity Protection
- Built-in Amplifier
- False Detection Prevention (water slosh delay)
- Electromagnetic Compatibility (EMC)



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RK30880E

Specifications

<i>Port Thread Size</i>	1/2"-20 UNF
<i>Housing</i>	Nylon
<i>Volts DC</i>	12 or 24
<i>ohm</i>	47K
<i>Ambient Fuel Temperature</i>	-40° to +250°F (-40° to +121°C)
<i>Maximum Fuel Temp</i>	190°F (88°C)

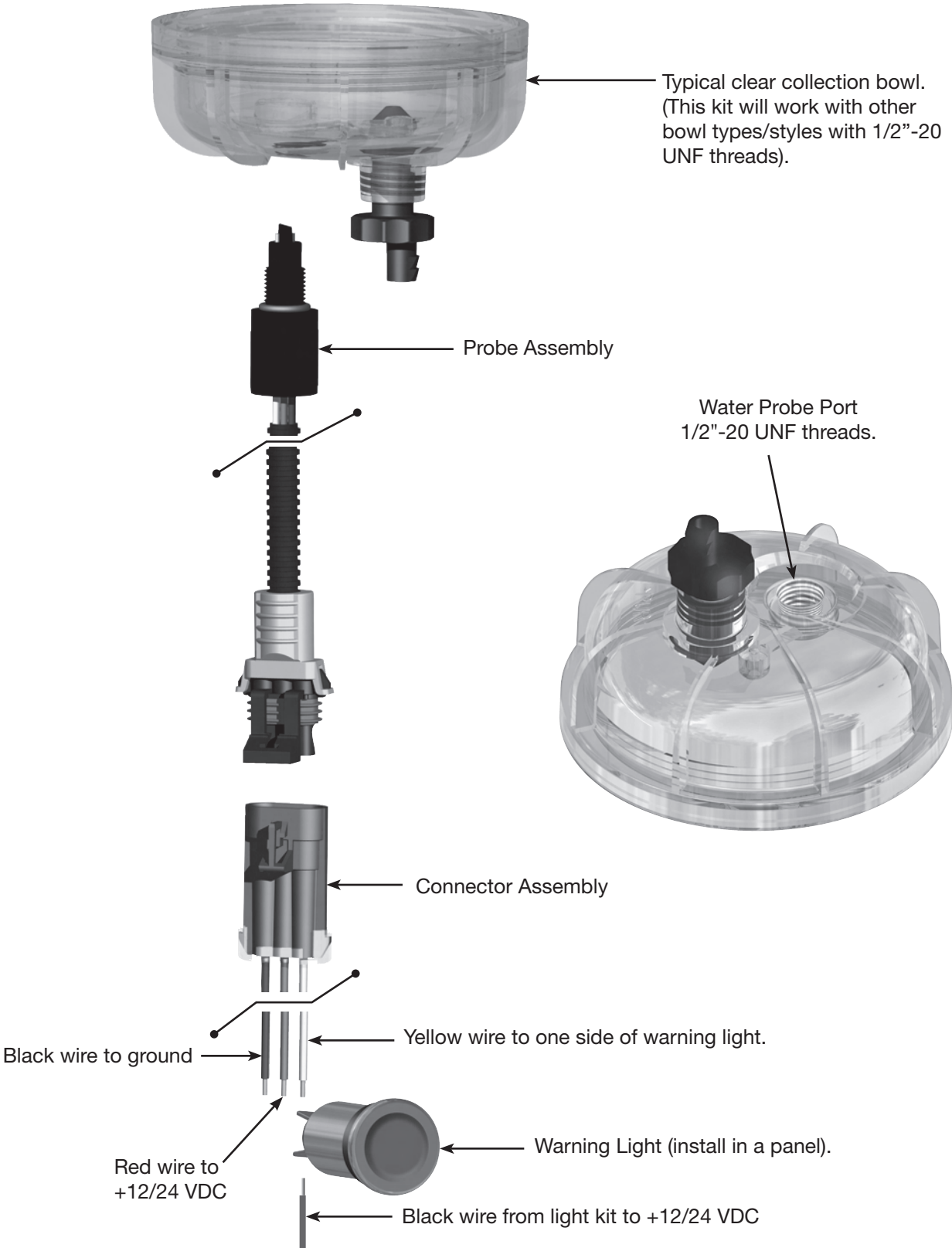
The RK30880E is for diesel applications only. Do not use in gasoline applications.

Installation Guidelines

Disconnect the positive terminal from the battery to avoid the potential hazard of electrical shock. Run the wires in protected locations and avoid hot surfaces and places that could pinch or rub on wires.

1. Lubricate o-ring on water probe with clean motor oil, then install into collection bowl. Tighten probe body snugly by hand only.
2. Connect **BLACK** wire on connector assembly to ground, **RED** wire to +12/24 vdc, and **YELLOW** wire to either side of supplied lamp (use a supplied spade connector).
3. Use loose black wire (supplied with lamp) and spade connector to connect other side of lamp to 1 amp fuse +12/24 vdc.
4. Use cable ties to secure any loose wires. Reconnect positive battery terminal.

Installation Information



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