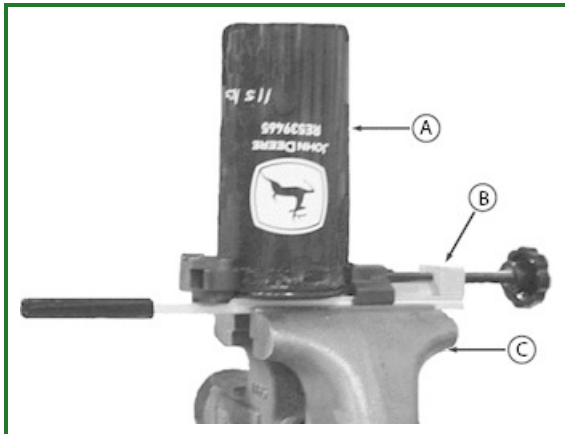


RG21824-UN: Filter CuttingTool JT05536



RG21825-UN: .

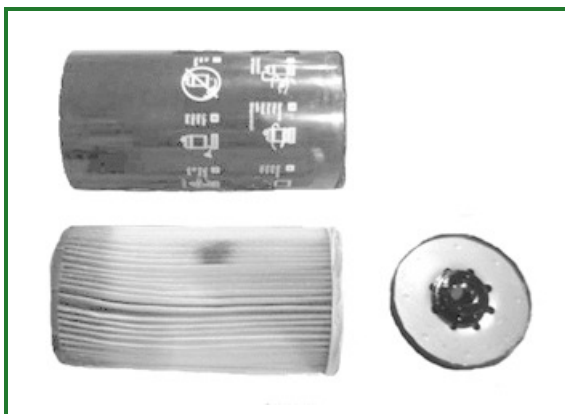
LEGEND:

A - Fuel Filter

B - Filter CuttingTool JT05536

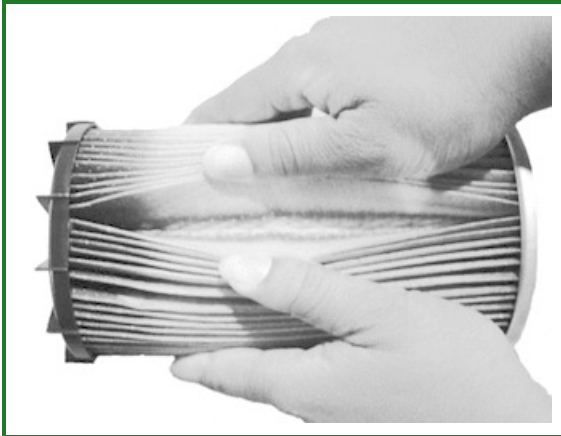
C - Vice

1. Secure cutting tool (B) into the vise (C).
2. Secure filter (A) into the cutting tool.
3. Rotate cutter tool handle until cutting wheel engages with the filter.
4. Rotate filter element two rotations.
5. Rotate cutter tool handle to increase the depth of cut.
6. Rotate filter element two rotations.
7. Repeat steps 5-6 until the filter canister separates.
8. Disassemble filter components.



RG21826-UN: .

9. Inspect the filter element for visible debris by separating the filter pleats.



RG21827-UN: .

NOTE:

Organic matter such as chaff and detritus is commonly introduced to the fuel tank during fueling events. Cleaning area around and above fuel cap prior to cap removal is highly recommended.

Microbial growth is typically a dark slimy substance. Repeat fuel tank treatments are highly recommended to ensure the substance is no longer present in the fuel system. Refer to Section 01-002 Diesel Fuel Additive Products of the CTM for additional information.

- Vehicle fuel tank: May require draining and cleaning of the tank to remove rust. Rust formation can be prevented by ensuring the fuel tank is full during periods of time when the machine is not being used.
- Fuel transport tanks: Equipping fuel transport tanks with a minimum 40 micron fuel filter is recommended.

Is debris present in the filter media?

Record of Actual Results:

Result:**YES:**

Ensure there is a clean fuel supply source.

NO:

Repeat Step 2 Fuel Supply System Test.

Go to [Section_04:Group_150](#)

RK82052.000014D-19-20120821