

# FILTER OVERVIEW WITH SERVICE INTERVALS AND CAPACITIES

## R4030/R4038/R4044 Self-Propelled Sprayer

### ENGINE

#### PRIMARY AIR FILTER

[AN403918](#) (FT4) (R4030) (R4038) (R4044)

[AN403918](#) (STAGE II) (R4038) (R4030)

[AT411949](#) (STAGE II) (R4038)

Replace after first 100 hours.  
Do not attempt to clean filters.

### ENGINE

#### SECONDARY AIR FILTER

[AN403919](#) (FT4) (R4030) (R4038) (R4044)

[AN403919](#) (STAGE II) (R4038) (R4030)

[AT411946](#) (STAGE II) (R4038)

Replace at every 2nd change of  
Primary Air Filter.

### ENGINE

#### OPEN CRANKCASE VENTILATION (OCV) FILTER

[DZ105796](#) (R4030)

Replace after every 1500 hours.

### ENGINE

#### OIL FILTER

[RE539279](#) (R4030)

[RE509672](#) (R4038/R4044)

Initial oil and filter change is after 100 hours  
of operation, then replace every 500 hours  
or annually, whichever occurs first.

(Click here for [capacity](#))

### ENGINE

PRIMARY FUEL FILTER - [RE539465](#) (R4044)

SECONDARY FUEL FILTER - [RE533910](#) (R4044)

#### FUEL FILTER KIT

(Includes Primary and Secondary)

[RE556406](#) (FT4) (R4030 Engine Option Code 35D5)

[RE541746](#) (Stage II) (R4030 Engine Option Code 35D5)

#### PRIMARY FUEL FILTER

[RE551507](#) (R4030 Engine Option Code 35JL, 35K3)

[RE539465](#) (R4038)

#### SECONDARY FUEL FILTER

[RE560681](#) (R4030 Engine Option Code 35JL, 35K3)

[RE533910](#) (R4038)

Replace after every 500 hours.

### ENGINE

#### DIESEL EXHAUST FLUID (DEF) DOSING UNIT FILTER

[RE554498](#)

Replace after every 4500 hours or  
every three years of operation,  
whichever occurs first.

(Click here for [capacity](#))

### CAB

#### RECIRCULATION AIR FILTER

[RE333569](#)

Replace after every 500 hours or  
annually, whichever occurs  
first, and as required.

### CAB

#### FRESH AIR FILTER

[RE333567](#)

Replace after every 500 hours or  
annually, whichever occurs first,  
and as required.

### HYDRAULIC

#### RESERVOIR BREATHER FILTER

[AKK11075](#) (Filler Cup with Filter)

Replace every 1000 hours. Fill cap contains  
hydraulic reservoir breather filter and should be  
replaced when hydraulic oil is changed.

### HYDRAULIC

#### OIL FILTER

[AT318160](#)

Replace after every 1000 hours.

(Click here for [capacity](#))

### HYDRAULIC

#### HYDROSTATIC FILTERS

[AN203010](#)

Replace after every 1000 hours.

(Click here for [capacity](#))

### ENGINE

#### DIESEL EXHAUST FLUID (DEF) VENT FILTER

[H216169](#)

Replace after every 4500 hours or  
3 years which ever comes first.

(Click here for [capacity](#))

### ENGINE

FUEL TANK VENT FILTER [H216169](#)

Clean as required.

(Click here for [capacity](#))

### ENGINE

#### DIESEL PARTICULATE FILTER (DPF)

[RE561836](#) (FT4)

[DZ100484](#) (1.5 Next Generation Header)

Replace within 250 hours after warning light  
indicators are alerted on display.



**JOHN DEERE**

Genuine Parts and Service

August 2019. Subject to change without notice.

[https://www.deere.com/en\\_US/parts/parts\\_by\\_industry/ag/fmi/filter\\_maintenance\\_information.page](https://www.deere.com/en_US/parts/parts_by_industry/ag/fmi/filter_maintenance_information.page)

# CAPACITIES

## R4030/R4038/R4044 Self-Propelled Sprayers

### CAPACITIES (Approximate):

#### Fuel Tank:

R4030 .....	515 L (136 gal)
R4038/R4044 .....	586 L (155 gal)

#### Diesel Exhaust Fluid (DEF) Tank: John Deere™ Diesel Exhaust Fluid

.....	29.5 L (7.8 gal)
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#### Cooling System with Heater: Cool-Gard™ II

R4030 .....	29.4 L (7.75 gal)
R4038/R4044 .....	38 L (10 gal)

#### Crankcase including Filter: Plus-50™ II

R4030 .....	30 L (7.9 gal)
R4038/R4044 .....	31 L (8.2 gal)

#### Hydraulic Reservoir: Torq-Gard Supreme™

R4030 .....	189.3 L (50 gal)
R4038 .....	98 L (26 gal)
R4044 .....	95.6 L (25.3 gal)

#### Hydraulic System: Torq-Gard Supreme™

R4030 .....	189.3 L (50 gal)
R4038/R4044 .....	208 L (55 gal)

#### Planetary Hubs (Each): John Deere GL-5 85W-140 Gear Lube

R4030 .....	1.2 L (0.3 gal)
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#### John Deere GL-5 80W-140 Synthetic Gear Lube

R4038/R4044 .....	1.5 L (0.4 gal)
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