

# FILTER OVERVIEW WITH SERVICE INTERVALS AND CAPACITIES

8020 Series Tractors - 8120, 8220, 8320, 8420, 8520

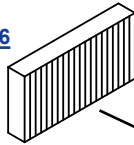
## CAB

### RECIRCULATION AIR FILTER – [RE187966](#)

Clean after every 250 hours and as required.

Replace annually or as required.

*(Interval may vary according to operating conditions.)*



## HYDRAULIC/TRANSMISSION

### OIL FILTER – [RE174130](#)

Replace initially at 100 hours, then after every 750 hours or as required, whichever occurs first.

*(Interval may vary according to operating conditions.)*

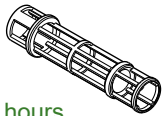


## SCREEN

### [RE45369](#)

Clean after every 1500 hours.

(Click here for [capacity](#))



## CAB

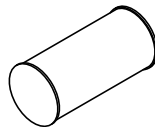
### FRESH AIR FILTER, HEAVY DUTY – [RE237396](#)

### AIR FILTER, STANDARD – [RE24619](#)

Clean after every 250 hours and as required.

Replace annually or as required.

*(Interval may vary according to operating conditions.)*



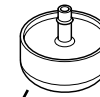
## ENGINE

### FUEL TANK VENT FILTER

### [RE52504](#)

Replace every after 750 hours.

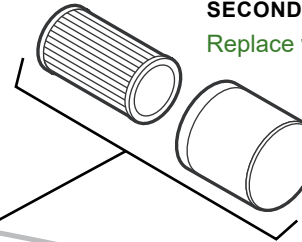
*(Interval may vary according to operating conditions.)*



## ENGINE

### SECONDARY AIR FILTER – [RE172447](#)

Replace with every second replacement of primary filter.

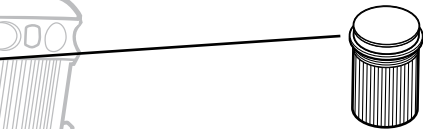


## ENGINE

### PRIMARY AIR FILTER – [RE164839](#)

Replace annually, after six cleanings or as indicated.

*(Interval may vary according to operating conditions.)*



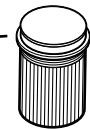
## ENGINE

### OIL FILTER – [RE509672](#)

Initial oil and filter change at 100 hours and then after every 250 hours. Extend service interval by 50 percent when using Plus-50 oil and a John Deere oil filter.

Example: 250 hours extends to 375 hours.

(Click here for [capacity](#))



## ENGINE

### FUEL, PRE FILTER – [R502778](#)

### FUEL, SINGLE FILTER (SN -232462) – [RE522372](#)

### FUEL, PRIMARY (SN 232463-), 2-FILTER SYSTEM – [RE531703](#)

### FUEL, SECONDARY (SN 232463-), 2-FILTER SYSTEM – [RE522688](#)

Replace after every 500 hours.

*(Interval may vary according to operating conditions.)*



**JOHN DEERE**

Genuine Parts and Service

# CAPACITIES

## 8020 Series Tractors - 8120, 8220, 8320, 8420, 8520

### CAPACITIES (Approximate):

#### Fuel Tank:

8120-8220-8320 .....	512 L (135 gal)
8420-8520 .....	606 L (160 gal)

#### Cooling System:

8120-8220-8320-8420-8520 .....	34 L (9.0 gal)
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#### Crankcase:

8120.....	21.5 L (5.7 gal)
8220.....	23.5 L (6.2 gal)
8320.....	25 L (6.6 gal)
8420.....	27 L (7.1 gal)
8520.....	31 L (8.2 gal)

#### Transmission and Hydraulic System:

Mechanical Front Wheel Drive (MFWD).....	140 L (37 gal)
Independent Link Suspension .....	150 L (39.6 gal)

#### Mechanical Front Wheel Drive (MFWD) Axle:

Differential Case .....	13.6 L (3.6 gal)
Wheel Hub .....	3.4 L (0.9 gal)
Independent Link Suspension .....	4 L (1.0 gal)

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