

# FILTER OVERVIEW WITH SERVICE INTERVALS AND CAPACITIES

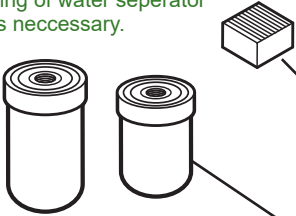
## 8R (090001- ) Final Tier 4 (FT4) Series Tractors – 8245R, 8270R, 8295R, 8320R, 8345R, 8370R, 8400R

### ENGINE

#### FUEL WATER SEPERATOR FILTER (If equipped)

[N378886](#)

Clean every 500 hours, then after every fifth back flushing of water seperator assembly or as necessary.



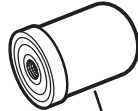
### HYDRAULIC/TRANSMISSION

#### OIL FILTER

[RE573817](#)

Replace every 1500 hours.

(Click here for [capacity](#))



### CAB

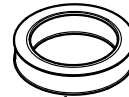
#### RECIRCULATION AIR FILTER

[RE291412](#)

[RE333569](#) (Carbon)

Replace every 1000 hours or annually, whichever occurs first.

(Interval may vary according to operating conditions.)



### CAB

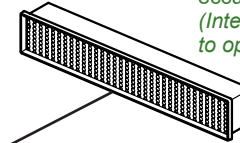
#### FRESH AIR FILTER

[RE284091](#)

[RE333567](#) (Carbon)

Replace every 1000 hours or annually, whichever occurs first.

(Interval may vary according to operating conditions.)



### ENGINE

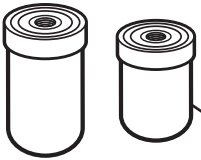
#### PRIMARY FUEL FILTER

[RE539465](#)

#### FINAL FUEL FILTER

[RE533910](#)

Replace every 500 hours. Always replace both filters at same time.



### ENGINE

#### FUEL TANK VENT FILTER

[H216169](#)

Clean every 1000 hours and replace every 1500 hours.

(Interval may vary according to operating conditions.)



### ENGINE

#### OIL FILTER

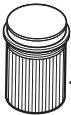
[RE509672](#)

Initial oil change at 500 hours, then every 500 hours or annually, whichever occurs first.

The extended 500 hour interval is only allowed if using Plus-50™ II oil with a John Deere™ filter and diesel fuel with sulfur content less than 15mg/kg (15ppm).

If all conditions are not met, change oil and filter at 250 hours of operation.

(Click here for [capacity](#))



### ENGINE

#### TRAILER AIR BRAKE AIR DRYER FILTER (If equipped)

[AL204884](#)

Replace annually.



### ENGINE

#### SECONDARY AIR FILTER

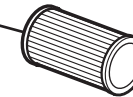
[RE210103](#) (TSN 090001-110759);

Filter Housing [RE325735](#)

[RE580338](#) (TSN 110760-);

Filter Housing [RE580335](#)

Replace every other primary air filter change.



### ENGINE

#### PRIMARY AIR FILTER

[RE210102](#) (TSN 090001-110759);

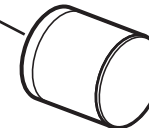
Filter Housing [RE325735](#)

[RE580337](#) (TSN 110760-);

Filter Housing [RE580335](#)

Replace every 1000 hours or as indicated, whichever occurs first.

(Interval may vary according to operating conditions.)

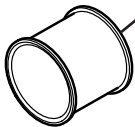


### ENGINE

#### DIESEL PARTICULATE FILTER (DPF)

[RE561836](#)

Replace within 250 hours after warning light indicators are illuminated. See your John Deere dealer or qualified service provider.



### ENGINE

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

[RE554498](#)

Replace every 4500 hours.



### ENGINE

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

[H216169](#)

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



**JOHN DEERE**

Genuine Parts and Service

# CAPACITIES

## 8R (090001- ) Final Tier 4 (FT4) Series Tractors – 8245R, 8270R, 8295R, 8320R, 8345R, 8370R, 8400R

### CAPACITIES (Approximate):

#### Fuel Tank:

Tractors W/ Group 47/48 Tires .....	645 L (170.4 gal)
Tractors W/ Group 49 Tires .....	686 L (181.2 gal)

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

Normal usage volume .....	23.1 L (6.1 gal)
Usable volume .....	25.7 L (6.8 gal)

#### Cooling System: Cool-Gard™ II

.....	43.8 L (11.6 gal)
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#### Transmission/Hydraulics: Hy-Gard™ MFWD:

.....	140 L (37 gal)
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#### Independent Link Suspension (ILS™):

.....	165 L (43.6 gal)
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#### Hydraulic Auxiliary Reservoir: Hy-Gard™

Need at fill (LH tank) .....	21.8 L (5.8 gal)
Need at fill (RH tank) .....	37.5 L (9.9 gal)
Usable take-out, if equipped (LH tank) .....	18 L (4.8 gal)
Usable take-out, if equipped (RH tank) .....	32 L (8.5 gal)

#### Crankcase 1300 MFWD: Plus-50™ II

8245R, 8270R, 8295R .....	25 L (6.6 gal)
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#### Crankcase 1500 MFWD: Plus-50™ II

.....	28 L (7.4 gal)
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#### Crankcase Independent Link Suspension (ILS™): Plus-50™ II

.....	27.5 L (7.3 gal)
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#### 1300 MFWD Axle Housing: Hy-Gard™

8245R, 8270R, 8295R .....	13.6 L (3.6 gal)
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#### 1500 MFWD Axle Housing: Hy-Gard™

.....	18.7 L (4.9 gal)
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#### MFWD Hubs (Each): GL-5

.....	3.8 L (4.0 qt)
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#### Independent Link Suspension (ILS™) Hubs (Each): GL-5

8245R, 8270R, 8295R .....	3.8 L (4.0 qt)
8320R, 8345R, 8370R, 8400R .....	5.6 L (5.9 qt)

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