

FILTER OVERVIEW WITH SERVICE INTERVALS AND CAPACITIES

8R (090001-) Final Tier 4 (FT4) Series Tractors – 8245R, 8270R, 8295R, 8320R, 8335R, 8345R, 8370R, 8400R

ENGINE

FUEL WATER SEPERATOR FILTER
(If equipped)
N378886

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

ENGINE

PRIMARY FUEL FILTER
RE539465

FINAL FUEL FILTER

RE533910
RE525523 (Tier 2 Engine, 10 Micron and 2 Micron)
(Except 8400R)

RE527961 (Tier 2 Engine, 2 Micron) (Except 8400R)

Replace after every 500 hours, annually, or as indicated whichever occurs first. Always replace both filters at same time.

ENGINE

OIL FILTER

RE509672

Initial oil and filter change at 100 hours and then after every 500 hours or annually, whichever comes 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

DIESEL PARTICULATE FILTER (DPF)

RE561836 (Engine Option Code 6153, 6162, 6129) (Except 8400R)
RE541834 (Engine Option Code 6106) (Except 8400R , 8335R, 8320R, 8345R, 8370R)
DZ100484 (Engine Option Code 6182, 61BC, 61AY) (Except 8400R and 8335R)
DZ100174 (Engine Option Code 6168, 6171, 6172, 6164, 6165, 61BD) (Except 8335R)
RE561836 (Engine Option Code 6153, 6162, 6129) (Except 8400R)
RE561840 (Engine Option Code 6142, 6143) (Except 8400R and 8335R)

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

HYDRAULIC/TRANSMISSION

OIL FILTER

RE573817

Replace after every 1500 hours.

(Click here for [capacity](#))

CAB

RECIRCULATION AIR FILTER

RE291412

RE333569 (Carbon)

Replace after every 1000 hours or annually, whichever occurs first.
(Interval may vary according to operating conditions.)

CAB

FRESH AIR FILTER

RE284091

RE333567 (Carbon)

Replace after every 1000 hours or annually, whichever occurs first.
(Interval may vary according to operating conditions.)

ENGINE

FUEL TANK VENT FILTER

H216169

Clean after every 1000 hours and replace after every 1500 hours.
(Interval may vary according to operating conditions.)

SCV

OIL FILTER – RE269061

ENGINE

TRAILER AIR BRAKE AIR DRYER FILTER (If equipped) AL204884

Replace annually.

ENGINE

SECONDARY AIR FILTER

RE587794 (TSN 090001-110759);

Filter Housing **RE325735**

RE587792 (TSN 110760-);

Filter Housing **RE580335**

Replace with every second replacement of primary filter.

ENGINE

DEF TANK HEADER FILTER

DZ111004 (25 MICRON)

DZ104870 (40 MICRON)

Replace after every 4500 hours.

ENGINE

PRIMARY AIR FILTER

RE587793 (TSN 090001-110759);

Filter Housing **RE325735**

RE587791 (TSN 110760-);

Filter Housing **RE580335**

Replace after every 1000 hours, annually, or as indicated, whichever occurs first. (Interval may vary according to operating conditions.)

ENGINE

DIESEL EXHAUST FLUID (DEF) DOSING UNIT FILTER

RE554498

Replace after every 4500 hours.

ENGINE

(DEF) TANK VENT FILTER BREATHER

H216169

Replace filter after first year of operation and every THREE years thereafter 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, 8335R, 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)
Tractors W/ Group 47/48/49 Tires	719 L (190.0 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 (37.0 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 (8.4 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 (1.0 gal)
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Independent Link Suspension (ILS™) Hubs (Each): GL-5

8245R, 8270R, 8295R	3.8 L (1.0 gal)
8320R, 8335R, 8345R, 8370R, 8400R	5.6 L (1.5 gal)

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