

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

Replace after every 500 hours.

ENGINE

PRIMARY FUEL FILTER
RE539465

SECONDARY FUEL FILTER
DZ112918

FUEL FILTER KIT (INCLUDES PRIMARY AND SECONDARY)
RE525523 (T2, T3 Engine, 10 Micron and 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

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)
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.

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.)

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](#)
Replace after every 1500 hours.

SCV

OIL FILTER - [RE269061](#)
Replace after every 1500 hours.

ENGINE

AIR TRAILER BRAKE DRYER CARTRIDGE
AL204884 USE WITH AL202707
HXE135862 USE WITH AL231942

Replace filter at least every 2 years, regardless of operating hours.

ENGINE

SECONDARY AIR FILTER
RE587794 (TSN 090001-110759);
Filter Housing RE325735
RE587792 (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

DEF TANK HEADER FILTER
DZ111004 (25 MICRON)

Replace after every 3000 operating hours or 3 years, whichever comes first.

ENGINE

DEF TANK VENT FILTER BREATHER
H216169

Replace after every 1500 hours.

ENGINE

DEF INLINE FILTER - [DZ100304](#)

Replace after every 3000 operating hours or 3 years, whichever comes first.

ENGINE

DEF DOSING UNIT FILTER
DZ114640

Replace after every 3000 operating hours or 3 years, whichever comes first.



JOHN DEERE

Genuine Parts and Service

https://www.deere.com/en_US/parts/parts_by_industry/ag/fmi/filter_maintenance_information.page

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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