FILTER OVERVIEW WITH SERVICE INTERVALS AND CAPACITIES


**CAB**

FRESH AIR FILTER

RE284091 (Carbon)

Replace after every 1000 hours or annually, whichever occurs first.

**CAB**

RECIRCULATION AIR FILTER

RE333569 (Carbon)

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

**ENGINE**

SECONDARY AIR FILTER

RE587794 (TSN 090001-110759); Filter Housing RE325735

Replace with every second replacement of primary filter.

**ENGINE**

PRIMARY AIR FILTER

RE587793 (TSN 090001-110759); Filter Housing RE325735

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

**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**

FUEL WATER SEPARATOR FILTER

RE539465

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

**ENGINE**

PRIMARY FUEL FILTER

RE533910

Final Fuel Filter

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

RE529761 (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.

**ENGINE**

DEF TANK HEADER FILTER

DZ111004 (25 Micron)

DZ104870 (40 Micron)

Replace after every 4500 hours.

March 2019. Subject to change without notice.

CAPACITIES

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)

Transmission/Hydraulics:
Hy-Gard™
MFWD:
................................................. 140 L (37.0 gal)

Independent Link Suspension (ILSTM):
................................................. 165 L (43.6 gal)

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)

Crankcase 1500 MFWD:
Plus-50™ II
................................................. 28 L (7.4 gal)

Crankcase Independent Link Suspension (ILSTM):
Plus-50™ II
................................................. 27.5 L (7.3 gal)

1300 MFWD Axle Housing:
Hy-Gard™
8245R, 8270R, 8295R......................... 13.6 L (3.6 gal)

1500 MFWD Axle Housing:
Hy-Gard™
................................................. 18.7 L (4.9 gal)

MFWD Hubs (Each):
GL-5
................................................. 3.8 L (1.0 gal)

Independent Link Suspension (ILSTM) 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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