FILTER OVERVIEW WITH SERVICE INTERVALS AND CAPACITIES

8RT (920001-) Final Tier 4 (FT4) Series Track Tractors – 8320RT, 8345RT, 8370RT

**HYDRAULIC/TURBOCHARGER FILTER**
- **OIL FILTER**
  - RE210857
  - Replace after every 1500 hours.
  - (Click here for capacity)

**ENGINE**
- **FUEL WATER SEPARATOR Filter**
  - N378886
  - Clean after every 500 hours, then after every fifth back flushing of water separator assembly or as necessary.

**ENGINE**
- **FUEL TANK PRIMARY FILTER** - RE539465
- **FINAL FILTER** - RE533910
- **Fuel Filter Kit** - RE525523 (Includes both primary and final fuel filters)
  - Replace after every 500 hours. Always replace both filters at same time.

**ENGINE**
- **AIR FILTER**
  - 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 6129, 6153, 6162)
  - RE525523 (Engine Option Code 3523, 3530, 9901)
  - DZ100484 (Engine Option Code 6182, 61BC, 61AY)
  - DZ100484 (Engine Option Code 6168, 6171, 6164)
  - RE561840 (Engine Option Code 6143)
  - Replace within 250 hours after warning light indicators are illuminated. See your John Deere dealer or qualified service provider.

April 2019. Subject to change without notice.

**DRIVES**
- **SUSPENSION COMPRESSOR FILTER**
  - R556112 (Use with compressor RE579190)
  - A81682 (Use with compressor RE330144 or RE248068)
  - Clean after every 250 hours. Replace after every 1500 hours, annually, or as indicated, whichever occurs first.

**ENGINE**
- **SECONDARY AIR FILTER**
  - RE587794 (TSN 912001-915238); Filter Housing RE325735
  - RE587792 (TSN 915239-); Filter Housing RE580335
  - Replace with every second replacement of primary filter.

**ENGINE**
- **FUEL TANK VENT FILTER - RE566125 (LH)**
- **RE590260 (RH)**
  - Clean after every 1000 hours and replace after every 1500 hours. (Interval may vary according to operating conditions.)

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

**ENGINE**
- **DEF TANK HEADER FILTER**
  - RE554498
  - Replace after every 4500 hours.

**ENGINE**
- **OIL FILTER**
  - RE509672
  - Initial oil and filter change at 100 hours and then after every 500 hours or annually, whichever comes first.

**ENGINE**
- **CARBON FILTER**
  - RE284091
  - RE333567
  - Replace after every 1000 hours or annually, whichever occurs first.
  - (Interval may vary according to operating conditions.)

**ENGINE**
- **RE325735**
  - RE587792
  - RE587791
  - RE580335
  - Replace after every 1000 hours, annually, or as indicated, whichever occurs first.

**ENGINE**
- **RE561836**
  - RE525523
  - RE561840
  - (Engine Option Code 6143)
  - Replace within 250 hours after warning light indicators are illuminated. See your John Deere dealer or qualified service provider.

**HYDRAULIC/TRANSMISSION**
- **OIL FILTER**
  - RE577250
  - Replace after every 1500 hours.
  - (Click here for capacity)

**ENGINE**
- **FRESH AIR FILTER**
  - RE291412
  - RE333569
  - (Carbon)
  - Replace after every 1000 hours or annually, whichever occurs first.

**HYDRAULIC/TRANSMISSION**
- **STEERING FILTER**
  - RE577250
  - Replace after every 1500 hours.
  - (Click here for capacity)

**ENGINE**
- **SECONDARY AIR FILTER**
  - RE561836
  - (Engine Option Code 6129, 6153, 6162)

**ENGINE**
- **FUEL TANK VENT FILTER**
  - RE566125 (LH)
  - RE590260 (RH)
  - Clean after every 1000 hours and replace after every 1500 hours. (Interval may vary according to operating conditions.)

**ENGINE**
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  - Replace after every 4500 hours.

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John Deere Genuine Parts and Service

https://www.deere.com/en_US/parts/part...
CAPACITIES
8RT (920001-) Final Tier 4 (FT4) Series Track Tractors – 8320RT, 8345RT, 8370RT

CAPACITIES (Approximate):

*Fuel Tank:*
- .............................................................. 803 L (212.1 gal)

*Diesel Exhaust Fluid (DEF) Tank:*
John Deere™ Diesel Exhaust Fluid
- .............................................................. 28.8 L (7.6 gal)

*Cooling System:*
Cool-Gard™ II
- .............................................................. 32.6 L (8.6 gal)

*Transmission/Hydraulics/Differential:*
Hy-Gard™
- .............................................................. 180 L (47.5 gal)

*Crankcase:*
Plus-50™ II
- .............................................................. 25 L (6.8 gal)

Return to Filter Overview