

REPLACEMENT PARTS GUIDE

8RT Final Tier 4 (FT4) Series Track Tractors (912001-920000) – 8320RT, 8345RT, 8370RT

FILTER OVERVIEW WITH SERVICE INTERVALS

HYDRAULIC / TRANSMISSION



STEERING FILTER

[RE577250](#)

Replace after every 1500 hours.



OIL FILTER

[RE210857](#)

Replace after every 1500 hours.

ENGINE



FUEL WATER SEPARATOR FILTER

[N378886](#) (If equipped)

Replace after every 500 hours.



PRIMARY FUEL FILTER – [RE539465](#) SECONDARY FUEL FILTER – [DZ112918](#) FUEL FILTER KIT – [RE525523](#)

(T2, T3 Engine, 10 Micron and 2 Micron)
(Includes Both Primary And Final Fuel Filters)

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



OIL FILTER

[RE509672](#) - Filter Element

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.



DIESEL PARTICULATE FILTER (DPF)

[RE561836](#) (ENGINE OPTION CODE 6129, 6153, 6162)

[RE542183](#) (ENGINE OPTION CODE 6116)

[DZ100484](#) (ENGINE OPTION CODE 6182, 61BC, 61AY)

[DZ100174](#) (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.



DEF TANK VENT FILTER BREATHER

[H216169](#)

Replace after every 1500 hours.



DEF INLINE FILTER

[DZ100304](#)

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



CAB



RECIRCULATION AIR FILTER

[RE291412](#)

[RE333569](#) (CARBON)

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



FRESH AIR FILTER

[RE284091](#)

[RE333567](#) (CARBON)

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

DRIVES



SUSPENSION COMPRESSOR FILTER

[R556122](#) (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.

SCV



OIL FILTER

[RE269061](#)

Replace after every 1500 hours.

ENGINE



FUEL TANK VENT FILTER

[H216169](#)

Replace after every 1500 hours.



DEF TANK HEADER FILTER

[DZ111004](#) (25 Micron)

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



DEF SUPPLY MODULE FILTER

[DZ114640](#)

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



PRIMARY AIR FILTER

[RE587793](#) (TSN 912001-915238); (FILTER HOUSING RE325735)

[RE587791](#) (TSN 915239-); (FILTER HOUSING RE580335)

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



SECONDARY AIR FILTER

[RE587794](#) (TSN 912001-915238); (FILTER HOUSING RE325735)

[RE587792](#) (TSN 915239-); (FILTER HOUSING RE580335)

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



JOHN DEERE

Genuine Parts and Service

CLICK PART NUMBER TO BUY

*See operator's manual for additional details

RX535027

Jan 2024. Release Date.

CAPACITIES

8RT Final Tier 4 (FT4) Series Track Tractors (912001-920000) – 8320RT, 8345RT, 8370RT

CAPACITIES (Approximate):

Fuel Tank:

..... 758 L (200.2 gal)

Diesel Exhaust Fluid (DEF) Tank:

John Deere™ Diesel Exhaust Fluid

Normal usage volume..... 25.3 L (6.7 gal)

Usable volume..... 27.9 L (7.4 gal)

Cooling System:

Cool-Gard™ II

..... 43.8 L (11.6 gal)

Transmission/Hydraulics/Differential:

Hy-Gard™

..... 180 L (47.5 gal)

Crankcase:

Plus-50™ II

..... 25 L (6.8 gal)



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8RT Final Tier 4 (FT4) Series Track Tractors (912001-920000) – 8320RT, 8345RT, 8370RT REPAIR PARTS

ENGINE

STARTER

[RE549229](#) (IT4 / FT4)
[RE529661](#) (T2 / T3)

AUXILIARY DRIVE BELT

[R551297](#) (W/O Air Trailer Brakes)
(IVT™/16 PST)
[R551298](#) (W/O Air Brakes, E23™)

FAN DRIVE BELT

[R568198](#)

RADITOR CAP

[RE312969](#)

BELT TENSIONER

[RE582501](#)

WATER PUMP

[DZ102107](#) (IT4 / FT4)
[RE530194](#) (T2 / T3)

ENGINE BLOCK HEATER

[RE42139](#) (120 V)
[RE524675](#) (240 V)

A/C COMPRESSOR

[AH169875](#)

ALTERNATOR

[RE555751](#) (200 A)
[RE550906](#) (240 A)

FUEL INJECTION PUMP

[RE571640](#) (T2 / T3)
[DZ128161](#) (IT4 / FT4)

TORSIONAL DAMPER

[TA20453](#)

BATTERY

[TY25879B](#)

CAB

INTERNAL REAR VIEW MIRROR

[RE584052](#) (917000-)
[AT186760](#) (- 916999)

EXTERNAL REAR VIEW MIRROR

[AL225536](#)
[AL225535](#)

WIPER BLADE

[AL153661](#) (Front ,Rear and RH Window)

TECHNOLOGY MOUNTING SOLUTION

[RE317435](#) (Mounting Bracket)
[BXE10606](#) (Cell Phone Mount)
[BXE10607](#) (Tablet Mount)

GAS CYLINDERS

[RE261887](#) (LH Door)
[RE283089](#) (Rear Window)

HITCH AND SCV

HITCH MAINTENANCE

[R207665](#) (Support RH)
[R210605](#) (Sway Block Wear Plate RH)
[R207666](#) (Support LH)
[R210604](#) (Sway Block Wear Plate LH)
[AXE14245](#) (Hitch Position Sensor)

SCV

[RE577560](#) (Breakaway Coupler)
[R186598](#) (Snap Ring)
[RE186600](#) (Seal Kit)

LIFT LINK PINS

[R169163](#) (Pin)
[R107278](#) (Draft Link Ball Stud)
[BRE10500](#) (Greaseable Pin Kit)



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WEAR PARTS



ENGINE



9.0 Vari-Cool™ Fan Drive

[RE578435](#) (Driver, IT4 / FT4)

[RE587430](#) (Driver, T2 / T3)



9.0 Vari-Cool™ Fan Drive

[RE572545](#) (Driven, IT4 / FT4)

[RE572544](#) (Driven, T2 / T3)

ENGINE



9.0 Vari-Cool™ Fan Drive

[R568198](#) (V-Belt, Variable Speed)



9.0 Vari-Cool™ Fan Drive

[R569237](#) (Belt Gauge Tool)