

# REPLACEMENT PARTS GUIDE

8R Final Tier 4 (FT4) Series Tractors (090001-170000) – 8245R, 8270R, 8295R, 8320R, 8335R, 8345R, 8370R, 8400R

## FILTER OVERVIEW WITH SERVICE INTERVALS

### HYDRAULIC / TRANSMISSION

**OIL FILTER ELEMENT**  
**RE573817**  
Replace every 1500 hours.

### ENGINE

**FUEL WATER SEPARATOR**  
(If equipped)  
**N378886** (TSN 09001-152365)  
**AT365869** (TSN 152366-)  
Replace after every 500 hours.

**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.

**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.

**DIESEL PARTICULATE FILTER**  
**DZ100174** (Engine Option Code 6168, 6171, 6172, 6164, 6165, 61BD) (Except 8335R)  
**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)  
**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.

**DEF INLINE FILTER**  
**DZ100304**

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.

### CAB

**RECIRCULATION AIR FILTER**  
**RE291412**  
**RE333569** (Carbon)

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

**FRESH AIR FILTER**  
**RE284091**  
**RE333567** (Carbon)

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

### SCV

**OIL FILTER**  
**RE269061**

Replace after every 1500 hours.

### ENGINE

**FUEL TANK VENT FILTER**  
**H216169**

Replace after every 1500 hours.

**AIR TRAILER BRAKE DRYER CARTRIDGE**  
**AL204884** Use With **AL202707**  
**HXE135862** Use With **AL231942**

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

**DEF TANK HEADER FILTER**  
**DZ111004** (25 Micron)

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

**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.)

**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.)

**DEF TANK VENT FILTER BREATHER**  
**H216169**

Replace after every 1500 hours.



# CAPACITIES

## 8R Final Tier 4 (FT4) Series Tractors (090001-170000) – 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)

# REPAIR PARTS

8R Final Tier 4 (FT4) Series Tractors (090001-170000) – 8245R, 8270R, 8295R, 8320R, 8335R, 8345R, 8370R, 8400R



## ENGINE

-  **STARTER**  
[RE529661](#) - T2/T3  
[RE549229](#) - IT4/FT4
-  **AUXILIARY DRIVE BELT**  
[R551297](#) -W/O Air Trailer Brake, IVT™/16 PST  
[R551298](#) - W/O Air Brakes, e23™  
[R334800](#) - W/ Air Brakes, e23™  
[R334797](#) - W/ Air Trailer Brakes, IVT™/16 PST
-  **FAN DRIVE BELT**  
[R568198](#)
-  **ENGINE BLOCK HEATER**  
[RE42139](#) - 120V  
[RE42139](#) - 240V
-  **BELT TENSIONER**  
[RE582501](#) W/O Air Trailer Brakes & W/O Air Brakes  
[RE582500](#) W/ Air Trailer Brakes & W/ Air Brakes
-  **RADIATOR CAP**  
[RE312969](#)
-  **WATER PUMP**  
[DZ102107](#) - IT4/FT4  
[RE530194](#) - T2/T3
-  **A/C COMPRESSOR**  
[AH169875](#)

## AXLE






-  **TIE ROD ENDS**  
[RE583653](#) - ILS™  
[RE173541](#) - LH-1300 MFWD  
[RE173540](#) - RH-1300 MFWD

## ENGINE

-  **ALTERNATOR**  
[RE555751](#) - 200A  
[RE550906](#) - 240A
-  **FUEL INJECTION PUMP**  
[RE571640](#) - Except (8400R)  
[DZ123504](#) - Except (8335R)





## CAB

-  **INTERNAL REAR VIEW MIRROR**  
[RE588734](#) - (150003-)  
[RE584052](#) - (-150002)
-  **WIPER BLADES**  
[AL153661](#) - Front and Rear
-  **EXTERNAL REAR VIEW MIRROR**  
[AL225536](#)  
[AL225535](#)
-  **TECHNOLOGY MOUNTING SOLUTION**  
[RX317435](#) - Mounting Bracket  
[BXE10606](#) - Cell Phone Mount  
[BXE10607](#) - Tablet Mount
-  **GAS CYLINDERS**  
[RE261887](#) - LH Door  
[RE261886](#) - Rear Window



## HITCH AND SCV

-  **HITCH MAINTENANCE**  
[R309701](#) - Sway Block RH  
[R274328](#) - Sway Block Wear Plate RH  
[R309702](#) - Sway Block LH  
[R274326](#) - Sway Block Wear Plate LH  
[AXE14245](#) - Hitch Position Sensor

-  **SCV**  
[RE577560](#) - Breakaway Coupler  
[R186598](#) - Snap Ring  
[RE186600](#) - Seal Kit  
[BRE10089](#) - 1/2" Power Beyond  
[BRE10090](#) - 3/4" Power Beyond

-  **LIFT LINK PINS**  
[R169163](#) - Pin  
[R107278](#) - Draft Link Ball Stud

## ENGINE

-  **BATTERY**  
[TY25879B](#)
-  **TORSIONAL DAMPER**  
[RE586976](#) (8245R, 8270R, 8295R, 8320R, 8345R, 8370R, 8335R)  
[RE596653](#) (8370R, 8400R)