

# REPLACEMENT PARTS GUIDE

## 8R Tractors (000101-053099) – 8225R, 8245R, 8270R, 8295R, 8320R, 8345R

### FILTER OVERVIEW WITH SERVICE INTERVALS

#### ENGINE



##### PRIMARY AIR FILTER

[RE587793](#)

Replace annually, after six cleanings, or as indicated.

(Interval can vary according to operating conditions)



##### SECONDARY AIR FILTER

[RE587794](#)

Replace annually, or after every second replacement of primary filter.

##### OIL FILTER

[RE509672](#)

Initial oil and filter change at 100 hours and then after every 250 hours or annually, whichever comes first.

The extended 500 hour interval is only allowed if using Plus-50™ II oil or Plus-50 oil with a John Deere filter and diesel fuel with sulfur content less than 1000mg/kg (1000ppm).

If all the conditions are not met, change oil and filter at 250 hours of operation.



##### FUEL WATER SEPARATOR FILTER

(If equipped)

[N378886](#)

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



##### FUEL, FILTER KIT

[RE525523](#)

Replace after every 500 hours, annually, or as indicated whichever occurs first.



##### FUEL TANK VENT FILTER

[H216169](#)

Clean after every 750 hours and replace after every 1500 hours.

(Interval may vary according to operating conditions.)



#### CAB



##### FRESH AIR FILTER

[RE284091](#)

Clean after every 250 hours and as required. Replace annually, or as required, whichever occurs first. (Interval may vary according to operating conditions.)



##### RECIRCULATION AIR FILTER

[RE291412](#)

Clean after every 250 hours and as required. Replace annually, or as required, whichever occurs first. (Interval may vary according to operating conditions.)

#### SCV



##### OIL FILTER

[RE269061](#)

Replace after every 1500 hours.

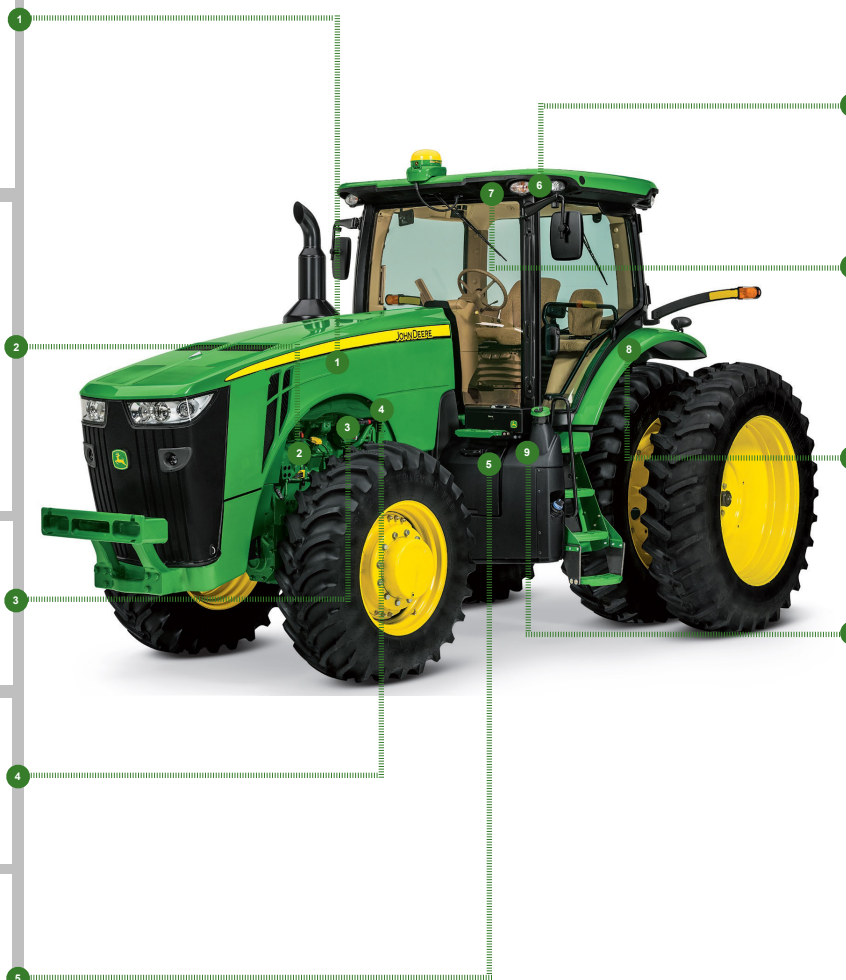
#### HYDRAULIC / TRANSMISSION



##### OIL FILTER

[RE210857](#)

Replace after every 1500 hours, or as indicated, whichever occurs first.



# CAPACITIES

## 8R Tractors (000101-053099) – 8225R, 8245R, 8270R, 8295R, 8320R, 8345R

### CAPACITIES (Approximate):

#### **Fuel Tank:**

8225R-8245R-8270R-8295R-8320R-8345R.....681 L (180 gal)

#### **Cooling System:**

Cool-Gard™ II

8225R-8245R-8270R-8295R-8320R-8345R.....40 L (10.6 gal)

#### **Crankcase 2WD or 1300 MFWD:**

Plus-50™ II

8225R-8245R-8270R-8295R.....25 L (6.6 gal)

#### **Crankcase 1500 MFWD or Independent Link Suspension:**

Plus-50™ II

8225R-8245R-8270R.....25 L (6.6 gal)

8295R-8320R-8345R.....28 L (7.4 gal)

#### **Transmission / Hydraulics:**

Hy-Gard™

2WD and MFWD.....150 L (40.0 gal)

Independent Link Suspension (ILS™).....160 L (42.0 gal)

#### **1300 MFWD Axle Housing:**

Hy-Gard™

.....13.6 L (3.6 gal)

#### **1500 MFWD Axle Housing:**

Hy-Gard™

.....18.7 L (4.9 gal)

#### **MFWD Hubs (Each):**

GL-5

.....3.4 L (0.9 gal)

#### **Independent Link Suspension (ILS™) Hubs (Each):**










GL-5

.....3.8 L (1.0 gal)

# REPAIR PARTS

8R TRACTORS (000101-053099) – 8225R, 8245R, 8270R, 8295R, 8320R, 8345R




## ENGINE

-  **STARTER**  
[RE529661](#)
-  **AUXILIARY DRIVE BELT**  
[R211183](#) - W/O Air Brake  
[R210808](#) - W/ Air Brake
-  **FAN DRIVE BELT**  
[R568198](#)
-  **ENGINE BLOCK HEATER**  
[RE42139](#)
-  **BELT TENSIONER**  
[RE582500](#)
-  **RADIATOR CAP**  
[RE43593](#)
-  **WATER PUMP**  
[RE530194](#)
-  **A/C COMPRESSOR**  
[AH169875](#)
-  **ALTERNATOR**  
[RE555751](#)

## AXLE






-  **TIE ROD ENDS**  
[RE583653](#) - ILS™  
[RE173541](#) - LH, 1300 MFWD  
[RE173540](#) - RH, 1300 MFWD  
[RE586457](#) - 1500 MFWD

## ENGINE




-  **FUEL INJECTION PUMP**  
[RE571640](#)
-  **TORSIONAL DAMPER**  
[RE586976](#)
-  **BATTERY**  
[TY25879B](#)



## CAB

-  **INTERNAL REAR VIEW MIRROR**  
[AT186760](#)
-  **WIPER BLADES**  
[AL153661](#) - Front and Rear
-  **EXTERNAL REAR VIEW MIRROR**  
[RE307815](#)  
[RE320917](#) - Power Tilt  
[RE322784](#) - Manual Mirror
-  **TECHNOLOGY MOUNTING SOLUTION**  
Accessory Mounting  
[RE317435](#)  
Cell Phone Mounting  
[BXE10606](#)  
Tablet Mounting Bracket  
[BXE10607](#)
-  **GAS CYLINDERS**  
[RE261887](#) - LH Door  
[RE261886](#) - Rear Window

## HITCH AND SCV

-  **HITCH MAINTENANCE**  
[R207665](#) - Sway Block RH  
[R210605](#) - Sway Block Wear Plate RH  
[R207666](#) - Sway Block LH  
[R210604](#) - Sway Block Wear Plate LH  
[RE334232](#) - Rockshaft Position Sensor
-  **SCV**  
[RE577560](#) - Breakaway Coupler  
[R186598](#) - Snap Ring  
[RE186600](#) - Seal Kit  
[RE281166](#) - Power Beyond Coupler Kit  
[AR114664](#) - Hydraulic Motor Return Kit
-  **LIFT LINK PINS**  
[R169163](#) - Pin  
[R107278](#) - Draft Link Ball Stud