FILTER OVERVIEW WITH SERVICE INTERVALS AND CAPACITIES

ENGINE
DIESEL PARTICULATE FILTER (DPF)
RE563694 (Engine Option Code 6171, 61FA, 6159)
DZ104956 (7210R, 7230R, 7250R, 7270R Engine Option Code 6109, 61JK)
DZ1100484 (Engine Option Code 61Q, 61JL, 61FX)

Replace within 250 hours after warning light indicators are illuminated. See your John Deere dealer or qualified service provider.

CAB
RECIRCULATION AIR FILTER
RE291412
RE333569 (Carbon)
Replace every 1000 hours or annually, whichever occurs first. (Interval may vary according to operating conditions.)

CAB
FRESH AIR FILTER
RE284091
RE333567 (Carbon)
Replace every 1000 hours or annually, whichever occurs first. (Interval may vary according to operating conditions.)

ENGINE
SECONDARY AIR FILTER
F071151
Inspect annually and replace as indicated by indicator light or Diagnostic Trouble Code (DTC) on display. Replace every other Primary Air Filter change. (Interval may vary according to operating conditions.)

ENGINE
PRIMARY AIR FILTER
RE564863
Inspect annually and replace as indicated by indicator light or Diagnostic Trouble Code (DTC) on display. (Interval may vary according to operating conditions.)

BRAKES
TRAILER AIR BRAKE DRYER CARTRIDGE
AL204884 (If equipped)
Replace every 1500 hours or every two years of operation, whichever occurs first.

ENGINE
FUEL TANK VENT FILTER
H216169
Replace every 1000 hours. (Interval may vary according to operating conditions.)

HYDRAULIC/TRANSMISSION
OIL FILTER
RE577060
Replace every 1500 hours. (Click here for capacity)

ENGINE
FUEL WATER SEPARATOR FILTER
N378886
(If equipped)
Clean after every fifth back flushing of water separator assembly.

ENGINE
OIL FILTER
RE539279 (7210R, 7230R)
(7250R, 7270R for FT4 Engine)
OIL FILTER
RE509672 (7250R, 7270R for IT4 Engine)
(7290R, 7310R)
Initial oil change is 100 hours, then every 500 hours and annually. 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 the conditions are not met, change oil and filter at 250 hours of operation. (Click here for capacity)

ENGINE
DIESEL EXHAUST FLUID (DEF)
DOSING UNIT FILTER
RE554498
Replace every 4500 hours or every three years of operation, whichever occurs first.

ENGINE
FUEL FILTER KIT (Includes Primary and Secondary)
RE541746 (7210R, 7230R Engine Option Code 35GC, 35HB)
RE566406 (7210R, 7230R, 7250R, 7270R Engine Option Code 35D5)
PRIMARY FUEL FILTER
RE551507 (7210R, 7230R Engine Option Code 35JL, 35K3)
(7250R, 7270R for FT4 Engine, Engine Option Code 35JL)
(7290R, 7310R)
SECONDARY FUEL FILTER
RE560681 (7210R, 7230R Engine Option Code 35JL, 35K3)
(7250R, 7270R for FT4 Engine, Engine Option Code 35JL)
(7290R, 7310R)
RE533910 (7210R, 7230R Engine Option Code 35D5)
(7250R, 7270R for IT4 Engine, Engine Option Code 35D5)
(7290R, 7310R)
Replace every 500 hours.

ENGINE
OPEN CRANKCASE VENTILATION (OCV) FILTER
DZ105100 (7210R, 7230R, 7250R, 7270R W/ DOC and DPF)
DZ105796 (7210R, 7230R, 7250R W/ DOC only)
Replace every 1500 hours.

ENGINE
DIESEL EXHAUST FLUID (DEF)
TANK VENT FILTER
H216169
Replace every 4500 hours or every three years of operation, whichever occurs first.

ENGINE
FUEL WATER SEPARATOR FILTER
N378886
(If equipped)
Clean after every fifth back flushing of water separator assembly.

December 2018. Subject to change without notice.
**CAPACITIES**


**CAPACITIES (Approximate):**

**Fuel Tank:**
- 7210R, 7230R CommandQuad™, G47/G48 Tires ........................................ 503 L (133 gal)
- e23™, G48 Tires ......................................................... 475 L (125.5 gal)
- 7250R, 7270R, 7290R, 7310R e23™, G49 Tires ........................................ 497 L (131.3 gal)
- IVT™/AutoPowr™, G47/G48 Tires .................................. 520 L (137 gal)
- 7250R, 7270R, 7290R, 7310R IVT™/AutoPowr™, G49 Tires .............................. 543 L (143.5 gal)

**Diesel Exhaust Fluid (DEF) Tank:**
- John Deere™ Diesel Exhaust Fluid ........................................... 25.7 L (6.8 gal)

**Cooling System:**
- Cool-Gard™ II
  - 7210R, 7230R, 7250R, 7270R ........................................ 39.5 L (10.5 gal)
  - 7290R, 7310R .......................................................... 44.5 L (11.8 gal)

**Crankcase, including filter:**
- Plus-50™ II
  - 7210R, 7230R, 7250R, 7270R ........................................ 24.5 L (6.5 gal)
  - 7290R, 7310R .......................................................... 27 L (7.1 gal)

**Transmission / Hydraulics:**
- Hy-Gard™
  - 7210R, 7230R CommandQuad™* .................................. 160 L (42.3 gal)
  - e23™* ........................................................................ 160 L (42.3 gal)
  - IVT™*/AutoPowr™* .................................................... 160 L (42.3 gal)

**Front PTO:**
- Hy-Gard™ ................................................................. 4.0 L (1.05 gal)

**TLS™ Plus with Differential Lock:**
- Hy-Gard™ ................................................................. 10.8 L (2.8 gal)

**TLS™ Plus with Limited Slip:**
- Hy-Gard™ ................................................................. 14.4 L (3.8 gal)

**1150 MFWD Axle Housing:**
- Hy-Gard™ ................................................................. 14.4 L (3.8 gal)

**1300 MFWD Axle Housing:**
- Hy-Gard™ ................................................................. 14.4 L (3.8 gal)

**Wheel Hub with Brakes:**
- Hy-Gard™
  - Each ........................................................................ 3.9 L (1.0 gal)

**Wheel Hub without Brakes:**
- GL-5
  - Each ........................................................................ 3.8 L (1.0 gal)

*Actual volume may vary depending on additional SCV’s and tractor options.

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