FILTER OVERVIEW WITH SERVICE INTERVALS AND CAPACITIES

ENGINE
OIL FILTER RE539279
Replace after first 100 hours and every 750 hours thereafter or annually.
The extended 750 hour interval is only allowed if using Plus-50™ II oil, JD OEM Oil Filter and diesel fuel with sulfur content less than 15mg/kg (15 ppm).
Change Oil and Filter after every 500 hours, if conditions are not met.
[Click here for capacity]

OIL FILTER RE551507 (6145R, 6155R)
RE551507 (6175R, 6195R, 6215R (S/N 027001-))
SECONDARY FUEL FILTER RE560681 (6145R, 6155R)
RE560681 (6175R, 6195R, 6215R (S/N 027001-))
FUEL FILTER KIT (PRIMARY & SECONDARY) RE556406 (6175R, 6195R, 6215R (S/N -027000))
Replace after every 750 hours.

FRONT PTO
OIL FILTER DE30500
Replace after every 500 hours.

HYdraulics
OIL FILTER AL169573 – W/ 45 cm³ PUMP
AL203341 – W/ 80 cm³ PUMP
Replace after first 100 hours then after first 750 hours and every 750 hours thereafter.
[Click here for capacity]

CAB
RECIRCULATION AIR FILTER (QTY 2) W/ AC L214634
RECIRCULATION AIR FILTER (QTY 2) W/O AC L205372
Replace after every 1500 hours, or 2 years, or as required, or with Engine Primary Air Filter, whichever occurs first.
(Activated Carbon Kit) AL208648
Never clean. Replace after every 750 hours or 1 year or with Engine Primary Air Filter, whichever occurs first.

FRESH AIR FILTER AL220527
Replace after every 1500 hours, or 2 years, or as required, or with Engine Primary Air Filter, whichever occurs first.
(Activated Carbon Kit) AL208648
Never clean. Replace after every 750 hours or 1 year or with Engine Primary Air Filter, whichever occurs first.

TRANSMISSION
OIL FILTER (IV™) AL206482
(Direct Drive™) AL221066
(PowrQuad™) AL221066
Replace after first 100 hours then after first 750 hours and every 750 hours thereafter.
Change Hydraulic Oil Filter as well.
[Click here for capacity]

ENGINE
DIESEL PARTICULATE FILTER RE563694 (6175R, 6195R,6215R S/N (-027000))
DZ100484 (6175R, 6195R, 6215R S/N (027001-))
RE565702 (6145R, 6155R, 6155RH S/N (-027000))
RE566731 (6145R, 6155R, 6155RH S/N (027001-))
Replace within 250 hours after exhaust filter and warning light indicators are alerted on display.

ENGINE
SECONDARY AIR FILTER AL218054
Replace at every fourth change of Primary Air Filter, or after 4500 hours or 5 years, whichever occurs first.

ENGINE
PRIMARY AIR FILTER AL215053
Replace after every 1500 hours or 2 years, or whenever the yellow caution light flashes and corresponding information appears in the CommandCenter™.

ENGINE
DIESEL EXHAUST FILTER RE554498
Replace after every 4500 hours or 3 years, whichever occurs first.


December 2018. Subject to change without notice.
CAPACITIES (Approximate):

**Fuel Tank:**
- 6145R, 6155R, 6155RH: 270 L (71.3 gal)
- 6175R, 6195R, 6215R: 330 L (87.2 gal)

**DEF Tank:**
- John Deere Diesel Exhaust Fluid™
  - 6145R, 6155R, 6155RH: 16 L (4.2 gal)
  - 6175R, 6195R, 6215R: 20 L (5.3 gal)

**Cooling System:**
- Cool-Gard™ II
  - Engine cooling and cab heating
    - 6145R, 6155R, 6155RH: 27 L (7.1 gal)
    - 6175R, 6195R, 6215R: 28 L (7.4 gal)

**Crankcase:**
- Plus-50™ II
  - 23.5 L (6.2 gal)

**Transmission/Hydraulics:**
- Hy-Gard™
  - PowrQuad™ PLUS Transmission
    - 6145R, 6155R, 6155RH: 63 L (16.6 gal)
    - 6175R, 6195R, 6215R: 71 L (18.8 gal)
  - AutoQuad™ PLUS Transmission
    - 6145R, 6155R: 63 L (16.6 gal)
    - 6175R, 6195R, 6215R: 71 L (18.8 gal)
  - DirectDrive Transmission
    - 6145R, 6155R: 62 L (16.4 gal)
    - 6175R, 6195R, 6215R: 75 L (19.8 gal)

**IVT™ Transmission**
- 6145R, 6155R: 75 L (19.8 gal)
- 6175R, 6195R, 6215R: 81 L (21.4 gal)

**Front-wheel Drive:**
- Hy-Gard™
  - 2 Piece Front Axle
    - Axle housing (with TLS™): 8.5 L (2.25 gal)
    - Axle housing (without TLS™): 8.0 L (2.11 gal)
    - Final drives, per side (without brake): 2.2 L (0.58 gal)
    - Final drives, per side (with brake): 2.6 L (0.69 gal)
  - 3 Piece Front Axle
    - 6145R, 6155R, 6155RH
      - Axle housing (with TLS™): 10.0 L (2.64 gal)
      - Axle housing (with TLS™, with brake): 9.5 L (2.51 gal)
      - Axle housing (without TLS™): 9.5 L (2.51 gal)
      - Final drives, per side (without brake): 2.2 L (0.58 gal)
      - Final drives, per side (with brake): 2.6 L (0.69 gal)
     - 3 Piece Front Axle
      - 6175R, 6195R, 6215R
      - Axle housing (with TLS™): 11.8 L (3.12 gal)
      - Axle housing (without TLS™): 10.3 L (2.72 gal)
      - Final drives, per side (without brake): 1.8 L (0.48 gal)
      - Final drives, per side (with brake) (750 type Axle): 2.2 L (0.58 gal)
      - Final drives, per side (with brake) (755 type Axle): 2.3 L (0.61 gal)

**Air-conditioning System:**
- R134a Refrigerant: 1225 - 1275 g (2.70 - 2.81 lb)
- Oil Volume (PAG oil): 220 ml (7.44 fl oz)