

FILTER OVERVIEW WITH SERVICE INTERVALS AND CAPACITIES

6R Series Final Tier 4 (FT4) Row-Crop Tractors – 6145R, 6155R, 6155RH, 6175R, 6195R, 6215R

ENGINE OIL FILTER [RE539279](#)

Replace after initial 100 hours then every 750 hours.

(Click here for [capacity](#))



HYDRAULICS

OIL FILTER
[AL169573](#) (6145R, 6155R, 6155RH)
AL169573 = 45CM₃
[AL203341](#) (6175R, 6195R, 6215R)
AL203341 = 60CM₃

Replace initially at 100 hours, then every 750 hours.

(Click here for [capacity](#))



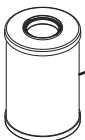
ENGINE CRANKCASEVENTFILTER [RE540710](#)

Replace every 1500 hours.



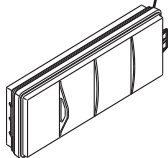
ENGINE PRIMARY FUEL FILTER [RE551507](#) (6145R, 6155R) SECONDARY FUEL FILTER [RE560681](#) (6145R, 6155R) FUEL FILTER KIT (PRIMARY & SECONDARY) [RE556406](#) (6175R, 6195R, 6215R)

Replace every 750 hours.



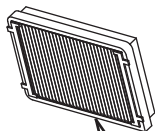
ENGINE SECONDARY AIR FILTER [AL215054](#)

Replace every 4500 hours. Replace no later than at every fourth change of the primary element or every 5 years.



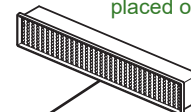
CAB RECIRCULATION AIR FILTER (2) [L214634](#)

Replace every 1500 hours. Always replace when main filter of engine air cleaner is replaced or every 2 years.



CAB AIR FILTER [AL212841](#)

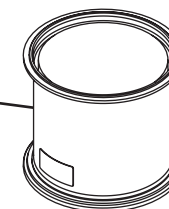
Replace every 1500 hours. Always replace when main filter of engine air cleaner is replaced or every 2 years.



TRANSMISSION OIL FILTER (AutoPowr/IVT) [AL206482](#) (Direct Drive) [AL156625](#) (PowrQuad) [AL156625](#)

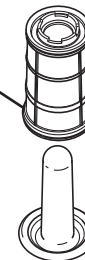
Replace initially at 100 hours, then every 750 hours, or whenever the yellow caution light flashes and corresponding information appears in the CommandCenter™.

(Click here for [capacity](#))



ENGINE DIESEL PARTICULATE FILTER [RE563694](#)

Replace as required.

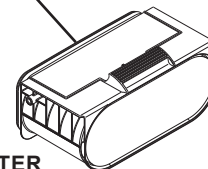


ENGINE DIESEL EXHAUST FILTER [RE554498](#)

Replace every 4500 hours, or every 3 years.

ENGINE PRIMARY AIR FILTER [AL215053](#)

Replace every 1500 hours, or whenever the yellow caution light flashes and corresponding information appears in the CommandCenter™.



JOHN DEERE

Genuine Parts and Service

CAPACITIES

6R Series Final Tier 4 (FT4) Row-Crop Tractors – 6145R, 6155R, 6155RH, 6175R, 6195R, 6215R

CAPACITIES (Approximate):

Fuel Tank:

Standard

..... 330 L (87.2 gal)

Cooling System:

Cool-Gard™ II

Engine cooling and cab heating 28.2 L (7.5 gal)

Crankcase:

Plus-50™ II

..... 23.5 L (6.2 gal)

Transmission/Hydraulics:

Hy-Gard™

PowrQuad™ PLUS Transmission 71 L (18.8 gal)

AutoQuad™ PLUS Transmission 71 L (18.8 gal)

AutoPowr™ Transmission 81 L (21.4 gal)

Direct Drive Transmission..... 75 L (19.8 gal)

Front-wheel Drive:

Hy-Gard™

Axle housing suspended axle..... 8.5 L (9 qt)

Axle housing without suspended axle 8.0 L (8.4 qt)

Final drives (without brake) 2.2 L (2.32 qt)

Final drives (with brake) 2.6 L (2.7 qt)

Air-conditioning System:

R134a Refrigerant 1225 - 1275 g
(2.70 - 2.81 lb)

Oil Volume (PAG oil)..... 220 ml (7.44 fl oz)

DEF TANK

John Deere Diesel Exhaust Fluid™

..... 20 L (5.3 gal)

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