

REPLACEMENT PARTS GUIDE

6R Final Tier 4 (FT4/Stage V) MY22 Series Row Tractors- 6R 145, 6R 175, 6R 195, 6R 215

HYDRAULICS



OIL FILTER

[AL232896](#) – W/ 45 cm³ / 35 cm³ PUMP
[AL232898](#) – W/ 60 cm³ PUMP

Replace after first 100 hours then after first 750 hours and every 750 hours thereafter. Change Transmission Oil Filter as well.

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.



CRANKCASE VENT FILTER

[DZ105100](#) - (W/ DIESEL OXIDATION CATALYST / DIESEL PARTICULATE FILTER)

Replace after every 1500 hours or 2 years, whichever occurs first.



FRONT PTO

OIL FILTER

[DE30500](#)

Replace after every 500 hours.



ENGINE

PRIMARY FUEL FILTER

[DZ115391](#)

SECONDARY FUEL FILTER

[DZ115392](#)

Replace after every 750 hours.



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™.



SECONDARY AIR FILTER

[AL215054](#)

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



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

(AutoPowr™ / IVT™) - [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.



ENGINE

DIESEL PARTICULATE FILTER

[DZ104594](#)

Replace within 250 hours after exhaust filter and warning light indicators are alerted on display.



DIESEL EXHAUST FILTER

[DZ114640](#)

Replace after every 4500 hours or 3 years, whichever occurs first.



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CLICK PART NUMBER TO BUY

*See operator's manual for additional details.

CAPACITIES

6R Final Tier 4 (FT4/Stage V) MY22 Series Row Tractors- 6R 145, 6R 175, 6R 195, 6R 215

CAPACITIES (Approximate):

Fuel Tank:

6R 145.....	280 L (74 gal)
6R 175, 6R 195, 6R 215.....	324 L (85.6 gal)

DEF Tank:

John Deere Diesel Exhaust Fluid™

6R 145.....	16 L (4.2 gal)
6R 175, 6R 195, 6R 215.....	20 L (5.3 gal)

Cooling System:

Cool-Gard™ II

Engine cooling and cab heating

6R 145.....	27 L (7.2 gal)
6R 175, 6R 195, 6R 215.....	28 L (7.4 gal)

Crankcase:

Plus-50™ II

.....	24 L (6.2 gal)
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Transmission/Hydraulics:

Hy-Gard™

AutoPowr™ transmission

6R 145.....	62 L (16.4 gal)
6R 175, 6R 195, 6R 215.....	75 L (19.8 gal)

AutoQuad™ PLUS Transmission

6R 145.....	63 L (16.6 gal)
6R 175, 6R 195, 6R 215.....	71 L (18.8 gal)

DirectDrive Transmission

6R 145.....	75 L (19.8 gal)
6R 175, 6R 195, 6R 215.....	81 L (21.4 gal)
Extra with creeper.....	1 L (0.3 gal)

Front PTO:

.....	2.6 L (0.7 gal)
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Front -Wheel Drive:

3 Piece Front Axle (M50HD)

6R 145

Axle housing (axle without suspension).....	9.2L(2.4gal)
Axle housing (suspended axle).....	10L(2.6gal)
Final drives, per side (without brake).....	2.2L(0.6gal)
Final drives, per side (with brake).....	2.4L(0.6gal)

3 Piece Front Axle (M60)

6R 175, 6R 195, 6R 215

Axle housing (axle without suspension).....	10.6L(2.8gal)
Axle housing (suspended axle).....	11L(3.0gal)
Final drives, per side (without brake).....	1.9L(0.5gal)
Final drives, per side (without brake).....	2.5 L (0.7 gal)

Air-conditioning System:

R 134a Refrigerant.....	1225 - 1275 g (2.70 - 2.81 lb)
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ENGINE

DRIVE BELT

[L215700](#) - DRIVE BELT, W/ AIR CONDITIONING SYSTEM, W/ AIR TRAILER BRAKE

[L203307](#) - DRIVE BELT, W/ AIR CONDITIONING SYSTEM, W/O AIR TRAILER BRAKE

[L202229](#) - DRIVE BELT, W/ AIR CONDITIONING SYSTEM, W/ AIR TRAILER BRAKE SYSTEM (6R 175,6R 195)

[L202230](#) - DRIVE BELT, W/ AIR CONDITIONING SYSTEM, W/O AIR TRAILER BRAKE SYSTEM (6R 175,6R 195,6R 215)

[L200916](#) - DRIVE BELT, W/ AIR CONDITIONING SYSTEM, W/ AIR TRAILER BRAKE SYSTEM (6R 195,6R 215)



ALTERNATOR

[AL232854](#) - 14 V / 250 A
[AL232853](#) - 14 V / 210 A



BATTERY

[AL203840](#) - WET CHARGED BATTERY, 12V, 174 Ah
[AL203839](#) - WET CHARGED BATTERY, 12V, 154 Ah



AXLE

TIE ROD ENDS

[AL224139](#) - 3 PIECE MFWD AXLE
[AL224306](#) - 3 PIECE MFWD AXLE (6R 175,6R 195,6R 215)



CAB

SEAT

[AL224108](#) - BACK, INSTRUCTIONAL SEAT
[AL224109](#) - BOTTOM, INSTRUCTIONAL SEAT

[AL224593](#) - BACK, AIR SUSPENDED, MSG97EL/741

[AL230558](#) - BOTTOM, LEATHER SEAT, AIR SUSPENDED, MSG97EL/741

[AL230557](#) - BACK, LEATHER SEAT, AIR SUSPENDED, MSG97EL/741

[AL224594](#) - BOTTOM, AIR SUSPENDED, MSG97EL/741

[AL210441](#) - BACK, OSF SEAT, AIR SUSPENDED, MSG95G/731

[AL210442](#) - BOTTOM, OSF SEAT, AIR SUSPENDED, MSG95G/731

[AL210473](#) - BACK, OSF SEAT, AIR SUSPENDED, MSG97AL/741

[AL210474](#) - BOTTOM, OSF SEAT, AIR SUSPENDED, MSG97AL/741

[AL230561](#) - BACK, INSTRUCTIONAL SEAT, W/O SUSPENSION, W/O BOTTLE HOLDER

[AL230562](#) - BOTTOM, INSTRUCTIONAL SEAT, W/O SUSPENSION, W/O BOTTLE HOLDER



ENGINE

BEAKE DISK

[RE321696](#) - REVERSER BRAKE, POWRQUAD™ OR COMMANDQUAD™

[AL226248](#) - REAR AXLE

[AL160176](#) - FRONT AXLE, 3 PIECE MFWD AXLE

[DE30428](#) - FRONT PTO (6R 145,6R 195)

[R110628](#) - CREEPER MODULE, POWRQUAD™ (6R 145,6R 195)

[RE324245](#) - REAR AXLE (6R 175,6R 195)



CLUTCH DISK

[RE326611](#) - MFWD DISK
[R95452](#) - CLUTCH PLATE

[AL208241](#) - DIRCTDRIVE TRANSMISSION
[L174444](#) - CLUTCH PLATE

[RE326609](#) - C4 CLUTCH, POWRQUAD™
[R95378](#) - CLUTCH PLATE

[RE321692](#) - FORWARD CLUTCH, POWRQUAD™

[R96805](#) - CLUTCH PLATE



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