

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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*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) |
|-------|----------------|

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) |
|-------|-----------------|

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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