

# REPLACEMENT PARTS GUIDE

6R Final Tier 4 (FT4/STAGE V) MY22 Series Row Tractors- 6R 145, 6R 155, 6R 165, 6R 175, 6R 195, 6R 215

## HYDRAULICS



### OIL FILTER

[AL232896](#) – W/ 45 cm<sup>3</sup> / 35 cm<sup>3</sup> PUMP  
[AL232898](#) – W/ 60 cm<sup>3</sup> 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 then after 750 hours, 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.



### PRIMARY FUEL FILTER

[DZ115391](#)

Replace after every 750 hours.



### SECONDARY FUEL FILTER

[DZ115392](#)

Replace after every 750 hours.



## FRONT PTO

### OIL FILTER

[DE30500](#)

Replace after every 500 hours.



## 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™.



### SECONDARY AIR FILTER

[AL215054](#)

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



## CAB

### 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.

### RECIRCULATION AIR FILTER W/ AC

[L214634](#)

### RECIRCULATION AIR FILTER 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.

## TRANSMISSION

### OIL FILTER

[AL206482](#) - AUTOPOWR™ / IVT™  
[AL221066](#) - DIRECT DRIVE™  
[AL221066](#) - POWRQUAD™

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 155, 6R 165, 6R 175, 6R 195, 6R 215

### CAPACITIES (Approximate):

#### Fuel Tank:

6R145, 6R 155, 6R 165.....	280 L (74 gal)
6R 175, 6R 195, 6R 215 .....	324 L (85.6 gal)

#### DEF Tank:

##### John Deere Diesel Exhaust Fluid™

6R145, 6R 155, 6R 165.....	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

6R145, 6R 155, 6R 165.....	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

6R145, 6R 155, 6R 165.....	62 L (16.4 gal)
6R 175, 6R 195, 6R 215.....	75 L (19.8 gal)

##### AutoQuad™ PLUS Transmission

6R145, 6R 155, 6R 165.....	63 L (16.6 gal)
6R 175, 6R 195, 6R 215.....	71 L (18.8 gal)

##### DirectDrive Transmission

6145R, 6155R .....	75 L (19.8 gal)
6175R, 6195R, 6215R.....	81 L (21.4 gal)
Extra with creeper.....	1 L (0.3 gal)

#### Front PTO

.....	2.6 L (0.69 gal)
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#### Front-wheel drive:

##### 3 Piece Front Axle type (M50HD)

##### 6R 145, 6R 155, 6R 165

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

##### 3 Piece Front Axle (M60)

##### 6R 175, 6R 195, 6R 215

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

#### Air-conditioning system:

R134a Refrigerant.....	1225 - 1275 gr (2.70 - 2.81 lb)
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## ENGINE

### BELT DRIVE

[L215700](#) - (DRIVE BELT, W/ AIR CONDITIONING SYSTEM, W/ AIR TRAILER BRAKE SYSTEM) (6R145,6R155,6R165)  
[L203307](#) - (DRIVE BELT, W/ AIR CONDITIONING SYSTEM W/O AIR TRAILER BRAKE SYSTEM) (6R145,6R155,6R165)  
[L223026](#) - (V- BELT, LGTH= 3250 mm) (6R145,6R155,6R165,6R175,6R195)  
[L202229](#) - (DRIVE BELT, W/ AIR CONDITIONING SYSTEM, W/ AIR TRAILER BRAKE SYSTEM) (6R175)  
[L200916](#) - (DRIVE BELT, W/ AIR CONDITIONING SYSTEM, W/ AIR TRAILER BRAKE SYSTEM) (6R195,6R215)  
[L202230](#) - (DRIVE BELT, W/ AIR CONDITIONING, W/O AIR TRAILER BRAKE SYSTEM) (6R175,6R195,6R215)



### ALTERNATOR

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



### BATTERY

[AL203840](#) - (WET CHARGED BATTERY) (12 V,174 Ah)  
[AL203839](#) - (WET CHARGED BATTERY) (12 V, 154 Ah, 1150 A)



## AXLE

### TIE ROD ENDS

[AL224306](#) - 3 PIECES MFWD AXLE  
[AL224139](#) - 3 PIECES MFWD AXLE (6R175,6R195,6R215)



## CAB

### SEAT

[AL224109](#) - BOTTOM, INSTRUCTIONAL SEAT  
[AL224108](#) - BACK, INSTRUCTIONAL SEAT  
[AL224593](#) - BACK, OSF SEAT, AIR SUSPENDED, MSG97EL/741  
[AL230557](#) - BACK, LEATHER SEAT, OSF SEAT, AIR SUSPENDED, MSG97EL/741  
[AL224594](#) - BOTTOM, OSF SEAT, AIR SUSPENDED, MSG97EL/741  
[AL230558](#) - BOTTOM, LEATHER SEAT, OSF SEAT, AIR SUSPENDED, MSG97EL/741  
[AL210474](#) - BOTTOM, OSF SEAT MSG95AL/741, AIR SUSPENDED  
[AL210473](#) - BACK, OSF SEAT MS-G95AL/741, AIR SUSPENDED  
[RE331742](#) - BACK, INSTRUCTIONAL SEAT, FABRIC  
[RE331741](#) - BOTTOM, INSTRUCTIONAL SEAT, FABRIC  
[AL230562](#) - BOTTOM, LEATHER, INSTRUCTIONAL SEAT, W/O SUSPENSION, W/O BOTTLE HOLDER  
[AL230561](#) - BACK, LEATHER, INSTRUCTIONAL SEAT, W/O SUSPENSION, W/O BOTTLE HOLDER



## ENGINE

### BEAKE DISK

[RE321696](#) - REVERSER BRAKE, PQT™/ CQT™  
[RE324245](#) - REAR AXLE (6R175,6R195)  
[AL160176](#) - 3 PIECES MFWD AXLE  
[R110628](#) - CREEPER MODULE POWRQUAD™  
[AL226248](#) - REAR AXLE



### CLUTCH DISK

[RE326611](#) - FRONT AXLE, MFWD DISK  
[R95452](#) - CLUTCH PLATE  
[RE321692](#) - FORWARD CLUTCH, POWRQUAD™  
[R96805](#) - CLUTCH PLATE  
[AL208241](#) - DIRECT DRIVE TRANSMISSION  
[L220618](#) - CLUTCH PLATE  
[RE326609](#) - C4 CLUTCH, POWRQUAD™  
[R216294](#) - CLUTCH PLATE

