

REPLACEMENT PARTS GUIDE

7R Final Tier 4 (FT4) Series Tractors (080001-110100) – 7210R, 7230R, 7250R, 7270R, 7290R and 7310R

FILTER OVERVIEW WITH SERVICE INTERVALS

AIR DRYER



AIR TRAILER BRAKE DRYER CARTRIDGE

[AL204884](#) USE WITH AL202707

[HXE135862](#) USE WITH AL231942

Replace every 1500 hours or every two years of operation, whichever occurs first.

HYDRAULIC/TRANSMISSION



OIL FILTER ELEMENT

[RE577612](#)

Replace every 1500 hours.

SCV



OIL FILTER

[RE269061](#)

Replace after every 1500 hours.

ENGINE



FUEL TANK VENT FILTER

[H216169](#)

Replace every 1000 hours. (Interval may vary according to operating conditions.)



PRIMARY AIR FILTER

[RE564863](#)

Replace after every 1000 hours, annually, or as indicated, whichever occurs first. (Interval may vary according to operating conditions.)



SECONDARY AIR FILTER

[F071151](#)

Replace after every 1000 hours, annually, or as indicated, whichever occurs first. (Interval may vary according to operating conditions.)



DEF SUPPLY MODULE FILTER

[DZ114640](#)

Replace every 4500 hours or every three years of operation, whichever occurs first.



PRIMARY FUEL FILTER

FILTER ELEMENT (9L) - [RE539465](#)

FILTER ELEMENT (6.8L) - [DZ115391](#)

Replace after every 500 hours, or as indicated, whichever occur first.



SECONDARY FUEL FILTER

FILTER ELEMENT (9L) - [DZ112918](#)

FILTER ELEMENT (6.8L) - [DZ115392](#)

Replace after every 500 hours, or as indicated, whichever occur first.



FUEL FILTER KIT (INCLUDES PRIMARY AND SECONDARY)

[RE541746](#) (7210R, 7230R ENGINE OPTION CODE 35GC, 35HB)

[RE556406](#) (7210R, 7230R, 7250R, 7270R ENGINE OPTION CODE 35D5)

Replace after every 500 hours, or as indicated, whichever occur first.



CAB



RECIRCULATION AIR FILTER

[RE291412](#)

[RE333569](#) (Carbon)

Replace every 1000 hours or annually, whichever occurs first. (Interval may vary according to operating conditions).



FRESH AIR FILTER

[RE284091](#)

[RE333567](#) (Carbon)

Replace every 1000 hours or annually, whichever occurs first. (Interval may vary according to operating conditions).

ENGINE



DEF INLINE FILTER

[DZ100304](#)

Replace every 4500 hours or every three years of operation, whichever occurs first.



DIESEL PARTICULATE FILTER

[RE563694](#) (Engine Option Code 6171, 61FA, 6159)

[RE561836](#) (7230R, 7250R, 7270R, 7290R, 7310R Engine Option Code 6186, 6128)

[RE541834](#) (7210R, 7230R, 7250R, 7270R, 7290R Engine Option Code 61AD, 6107)

[DZ104596](#) (7210R, 7230R, 7250R, 7270R Engine Option Code 6109, 61JK)

[DZ100484](#) (Engine Option Code 61DQ, 61JL, 61FX)

Replace within 250 hours after warning light indicators are illuminated. See your John Deere dealer or qualified service provider.



FUEL WATER SEPARATOR

[N378886](#) (If equipped)

Replace after every 500 hours.



OCV FILTER ELEMENT

[DZ105100](#) (W/ DOC and DPF)

[DZ105796](#) (W/ DOC only)

Replace every 1500 hours.



ENGINE OIL FILTER

FILTER ELEMENT (9L) - [RE509672](#)

FILTER ELEMENT (6.8L) - [RE539279](#)

Initial oil change is 100 hours, then every 500 hours and annually. The extended 500 hour interval is only allowed if using Plus-50™ II oil with a John Deere™ TM filter and diesel fuel with sulfur content less than 15mg/kg (15ppm). If all the conditions are not met, change oil and filter at 250 hours of operation.



FRONT PTO FILTER

[LVU14258](#) (If equipped)

Initial change at 250 hours, then replace every 1500 hours.



DEF TANK VENT FILTER

[H216169](#)

Replace every 1500 hours or every three years of operation, whichever occurs first.



JOHN DEERE
Genuine Parts and Service

CLICK PART NUMBER TO BUY

*See operator's manual for additional details.

RX532579

Jan. 2024. Release Date.

CAPACITIES

7R Final Tier 4 (FT4) Series Tractors (080001-110100) – 7210R, 7230R, 7250R, 7270R, 7290R and 7310R

CAPACITIES (Approximate):

Fuel Tank:

7210R, 7230R CommandQuad™,	
G47/G48 Tires	503 L (133 gal)
e23™, G48 Tires.....	475 L (125.5 gal)
7250R, 7270R, 7290R, 7310R e23™,	
G49 Tires.....	497 L (131.3 gal)
IVT™/AutoPowr™, G47/G48 Tires.....	520 L (137 gal)
7250R, 7270R, 7290R, 7310R IVT™/AutoPowr™,	
G49 Tires.....	543 L (143.5 gal)

Diesel Exhaust Fluid (DEF) Tank:

John Deere™ Diesel Exhaust Fluid	
.....	25.7 L (6.8 gal)

Cooling System:

Cool-Gard™ II	
7210R, 7230R, 7250R, 7270R.....	39.5 L (10.5 gal)
7290R, 7310R.....	44.5 L (11.8 gal)

Crankcase, including Filter:

Plus-50™ II	
7210R, 7230R, 7250R, 7270R.....	24.5 L (6.5 gal)
7290R, 7310R.....	27 L (7.1 gal)

Transmission / Hydraulics:

Hy-Gard™	
7210R, 7230R CommandQuad™ *	160 L (42.3 gal)
e23™ *	160 L (42.3 gal)
IVT™ */AutoPowr™ *	160 L (42.3 gal)

Front PTO:

Hy-Gard™	
.....	4.0 L (1.05 gal)

TLS™ Plus with Differential Lock:

Hy-Gard™	
.....	10.8 L (2.8 gal)

TLS™ Plus with Limited Slip:

Hy-Gard™	
.....	14.4 L (3.8 gal)

1150 MFWD Axle Housing:

Hy-Gard™	
7210R.....	14.4 L (3.8 gal)

1300 MFWD Axle Housing:

Hy-Gard™	
7230R, 7250R, 7270R, 7290R, 7310R	14.4 L (3.8 gal)

Wheel Hub with Brakes:

Hy-Gard™	
Each.....	3.9 L (1.0 gal)






Wheel Hub without Brakes:

GL-5	
Each.....	3.8 L (1.0 gal)



REPAIR PARTS

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CAB

-  **INTERNAL REAR VIEW MIRROR**
[AT186760](#)
-  **WIPER BLADES**
[AL153661](#) - Front, Rear and RH Window
-  **EXTERNAL REAR VIEW MIRROR**
[AL225535](#)
[AL225536](#)
-  **TECHNOLOGY MOUNTING SOLUTION**
[RE317435](#) - Mounting Bracket
[BXE10606](#) - Cell Phone Mount
[BXE10607](#) - Tablet Mount
-  **GAS CYLINDERS**
[RE261887](#) - LH Door
[RE261886](#) - Rear Window




HITCH AND SCV

-  **HITCH MAINTENANCE**
[R309701](#) - Sway Block RH
[R274328](#) - Sway Block Wear Plate RH
[R309702](#) - Sway Block LH
[R274326](#) - Sway Block Wear Plate LH
[AXE14245](#) - Rotational Hitch Position Sensor
-  **SCV**
[RE577560](#) - Breakaway Coupler
[R186598](#) - Snap Ring
[RE186600](#) - Seal Kit

LIFT LINK PINS

-  **LIFT LINK PINS**
[R169163](#) - Pin
[R107278](#) - Draft Link Ball Stud

ENGINE

-  **BATTERY**
[TY25879B](#)
-  **TORSIONAL DAMPER**
[RE586976](#)
-  **A/C COMPRESSOR**
[RE326205](#)



ENGINE

-  **STARTER**
[RE549229](#)
-  **FAN DRIVE BELT**
[R540112](#) - (7210R, 7230R)
[R540111](#) - (7250R, 7270R, 7290R)
[R540522](#) - (7310R)
-  **ENGINE BLOCK HEATER**
120V, W/O ETHER AID
[RE539167](#) - (7210R, 7230R)
[RE42139](#) - (7250R, 7270R, 7290R, 7310R)
240V
[RE539168](#) - (7210R, 7230R)
[RE524675](#) - (7250R, 7270R, 7290R, 7310R)
-  **BELT TENSIONER**
[RE582500](#)
-  **RADIATOR CAP**
[RE312969](#)
-  **WATER PUMP**
[RE557899](#) - (7210R, 7230R, 7250R, 7270R)
[DZ102107](#) - (7290R, 7310R)
-  **ALTERNATOR**
[RE550906](#) - 240A
[RE555751](#) - 200A
-  **FUEL PUMP – LOW PRESSURE**
[RE543262](#) - (7210R, 7230R, 7250R, 7270R, 7290R)
[DZ123504](#) - (7310R)
-  **AXLE**
-  **TIE ROD ENDS**
(089731-)
[RE579859](#) - LH
[RE579860](#) - RH
(-089719)
[RE325076](#) - LH
[RE325077](#) - RH