

REPLACEMENT PARTS GUIDE

8R Tractor(s) Final Tier 4 (FT4) (170001-) - 8R 230, 8R 250, 8R 280, 8R 310, 8R 340, 8R 370, 8R 410

ENGINE



PRIMARY AIR FILTER
RE596317 (FILTER ELEMENT)
Replace after every 1000 hours, annually, or as indicated, whichever occurs first. (Interval may vary according to operating conditions).



SECONDARY AIR FILTER
RE596318 (FILTER ELEMENT)
Replace after every 1000 hours, annually, or as indicated, whichever occurs first. (Interval may vary according to operating conditions).



PRIMARY FUEL FILTER
RE539465 (FILTER ELEMENT)
Replace after every 500 hours, or as indicated, whichever occur first.



SECONDARY FUEL FILTER
DZ112918 (W/O WATER DRAIN VALVE)
(-200000)
DZ110558 (W/ WATER DRAIN VALVE)
(200001-)

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



OIL FILTER
RE509672 (FILTER ELEMENT)
Minimum hours before first engine oil change is 100 hours. Extended engine oil change every 500 hours or annually, whichever come first. The extended 500 hour interval is only allowed if using Plus-50™ II oil with a John Deere filter and diesel fuel with sulfur content less than 15mg/kg (15ppm). If all conditions are not met, change oil and filter at 250 hours of operation.



FUEL WATER SEPARATOR (IF EQUIPPED)
AT365869 (FILTER ELEMENT)
Replace after every 500 hours.



DEF SUPPLY MODULE FILTER
DZ114640
Replace after every 3000 operating hours or 3 years, whichever comes first.



HYDRAULIC



OIL FILTER ELEMENT
RE596661 (QTY 2)
Replace after every 1500 hours.

CAB



FRESH AIR FILTER
RE284091
Replace every 1000 hours or annually, whichever occurs first. (Interval may vary according to operating conditions).



RECIRCULATION AIR FILTER
RE593819
Replace every 1000 hours or annually, whichever occurs first. (Interval may vary according to operating conditions).

SCV



OIL FILTER
RE269061 (-239999)
TA21586 (240001-)
Replace after every 1500 hours.

ENGINE



FUEL TANK VENT FILTER
H216169
Replace after every 1500 hours.



AIR DRYER (IF EQUIPPED)
HXE135862 (FILTER ELEMENT)
(1 QTY - W/O CTIS,
2 QTY - W/ CTIS)
Replace filter at least every 2 years, regardless of operating hours.



CTIS ONBOARDING AIR COALESCING FILTER (IF EQUIPPED)
RE597838 (FILTER ELEMENT)
Replace after every 2 years.



DEF TANK VENT FILTER
H216169
Replace after every 1500 hours.



DEF INLINE FILTER
DZ124403
Replace after every 3000 operating hours or 3 years, whichever comes first.

CAPACITIES

8R Tractor(s) Final Tier 4 (FT4) (170001-) - 8R 230, 8R 250, 8R 280, 8R 310, 8R 340, 8R 370, 8R 410

CAPACITIES (Approximate):

Fuel Tank:

W/O John Deere CTIS or EVT727 L (192 gal)
W/ John Deere CTIS or EVT.....651 L (172 gal)

DEF Tank:

.....37.2 L (9.8 gal)

Cooling System:

Cool-Gard™ II

FT4 / T3.....42.3 L (11.2 gal)
T2.....34 L (9 gal)
With EVT.....47.0L (12.4 gal)

Engine Crankcase Oil Volume:

1300 MFWD 8R 230,8R 250, 8R 280.....25.7 L (6.8 gal)
1500 MFWD.....27.6 L (7.3 gal)
ILS™.....25.8 L (6.8 gal)

Auxiliary Reservoir Volume:

Oil Needed at Fill (If Equipped)

Left - Hand Tank.....21.8 L (5.7 gal)
Right - Hand Tank.....37.5 L (9.9 gal)

Usable take-out Oil (If Equipped)

Left - Hand Tank.....18 L (4.7 gal)
Right - Hand Tank.....32 L (8.5 gal)

Transmission / Differential / Hydraulic System:

1300 MFWD, 8R 230, 8R 250, 8R 280.....180.7 L (47.7 gal)
1500 MFWD.....184.6 L (48.8 gal)
ILS™.....207.2 L (54.7 gal)

Front Axle Housing:

1300 MFWD, 8R 230, 8R 250, 8R 280.....13.6 L (3.6 gal)
1500 MFWD.....18.7 L (4.9 gal)

Final Drive (Each):

MFWD

1300 / 1500.....3.8 L (1 gal)

ILS™

6:1.....3.8 L (1 gal)
8:1.....5.6 L (1.5 gal)


Fan Chain Drive Housing:


.....473.2 ML (0.5 qt)


REPAIR PARTS GUIDE

8R TRACTOR(S) FINAL TIER 4 (FT4) (170001-) - 8R 230, 8R 250, 8R 280, 8R 310, 8R 340, 8R 370, 8R 410

ENGINE

 **STARTER**
[RE549229](#)

 **FAN DRIVE BELT**
[R561692](#) - W/O Air Compressor
[R563475](#) - W/ Air Trailer Brake
[R566408](#) - W/ CTIS Compressor

 **ENGINE BLOCK HEATER**
[AT410692](#) - 120V
[RE524675](#) - (-182034) 240V
[RE597086](#) - (-182035-) 240V

 **BELT TENSIONER**
[RE590904](#)

 **RADIATOR CAP**
[RE312969](#)

 **WATER PUMP**
[DZ102107](#)

 **A/C COMPRESSOR**
[RE326205](#)

AXLE

 **TIE ROD ENDS**
[RE586457](#) - 1500 MFWD
[RE173540](#) - 1300 MFWD, RH
[RE173541](#) - 1300 MFWD, LH
[RE583653](#) - ILS™

ENGINE

 **ALTERNATOR**
[DZ124395](#) - 250A
[DZ117724](#) - 330A

 **FUEL INJECTION PUMP**
[RE543262](#) - STAGE II & STAGE III
[DZ123504](#) - FT4/STAGE V



CAB

 **INTERNAL REAR VIEW MIRROR**
[RE588734](#)

 **WIPER BLADES**
[R572234](#) - Front, Rear & RH Window


 **EXTERNAL REAR VIEW MIRROR**
[RE586099](#) - RH
[RE586098](#) - LH


 **TECHNOLOGY MOUNTING SOLUTION**
[RE343680](#) - Accessory Mounting
[BRE10015](#) - Cell Phone Mounting
[BRE10255](#) - Tablet Mounting Bracket

 **GAS CYLINDERS**
[RE594521](#) - LH Door
[RE593531](#) - 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](#) - Hitch Position Sensor

 **SCV**
[RE577560](#) - Breakaway Coupler
[R186598](#) - Snap Ring
[RE186600](#) - Seal Kit

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

ENGINE

 **BATTERY**
[TY25879B](#)

 **TORSIONAL DAMPER**
[DZ110894](#)