

FILTER OVERVIEW WITH SERVICE INTERVALS AND CAPACITIES

7010 Series Row-Crop Tractors - 7210, 7410, 7510, 7610, 7710, 7810

ENGINE

SECONDARY AIR FILTER

(7210-7510) [AL78870](#)
(7610) [RE34963](#)
(7710-7810) [RE34967](#)



Do NOT clean.

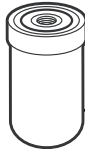
Replace secondary filter annually or with every second or third replacement of primary filter.

(Interval can vary according to operating conditions.)

ENGINE

PRIMARY FUEL FILTER

(7210-7610) [RE62419](#)
(7710 (S/N -089999))
(7810 (S/N -089999)) [AR86745](#)



INLINE FUEL STRAINER

((7210-7610, 7710 (S/N -089999), 7810 (S/N -089999)) [AR103220](#)

FUEL WATER SEPARATOR (OPTIONAL)

(7710, 7810) [RE508633](#)

SINGLE FILTER SYSTEM

((7710 (S/N 090000-), 7810 (S/N 090000-)) [RE522372](#)

DUAL FILTER SYSTEM

((7710 (S/N 090000-), 7810 (S/N 090000-)) [RE522687](#) and [RE522688](#)

Replace every 750 hours or annually, whichever occurs first.

(Interval can vary according to operating conditions.)

ENGINE

OIL FILTER

(7210-7610) [RE59754](#)
(7710 (S/N -089999), 7810 (S/N -089999)) [DZ101880](#)
(7710 (S/N 090000-), 7810 (S/N 090000-)) [RE509672](#)

Initial oil and filter change at 100 hours and then after every 250 hours. Scheduled interval of 250 hours can be extended to 375 hours if John Deere Plus-50 oil and John Deere filter are used.

(Click here for [capacity](#))

ENGINE

PRIMARY AIR FILTER

(7210-7510) [AL78869](#)
(7610) [RE67124](#)
(7710-7810) [RE65880](#)

Replace annually, after six cleanings, as indicated or as required.

(Interval can vary according to operating conditions.)



CAB

FRESH AIR FILTER

[RE24619](#) - Standard
[RE67829](#) - Heavy Duty
[RE199681](#) - Activated Carbon

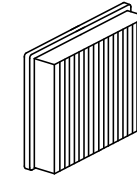
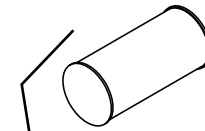
RECIRCULATION AIR FILTER

[RE48882](#) - Standard
[RE151778](#) - Heavy Duty
[RE201745](#) - Activated Carbon

Clean after 250 hours.

Replace after every 500 hours or annually.

(Interval can vary according to operating conditions.)



HYDRAULIC

OIL FILTER

[RE205726](#) - PowrQuad™,
AutoQuad™, SyncroPlus™
[RE161181](#) - IVT™

Initial filter replacement is at 100 hours maximum operation and then after every 750 hours.

(Interval can vary according to operating conditions.)

(Click here for [capacity](#))



TRANSMISSION

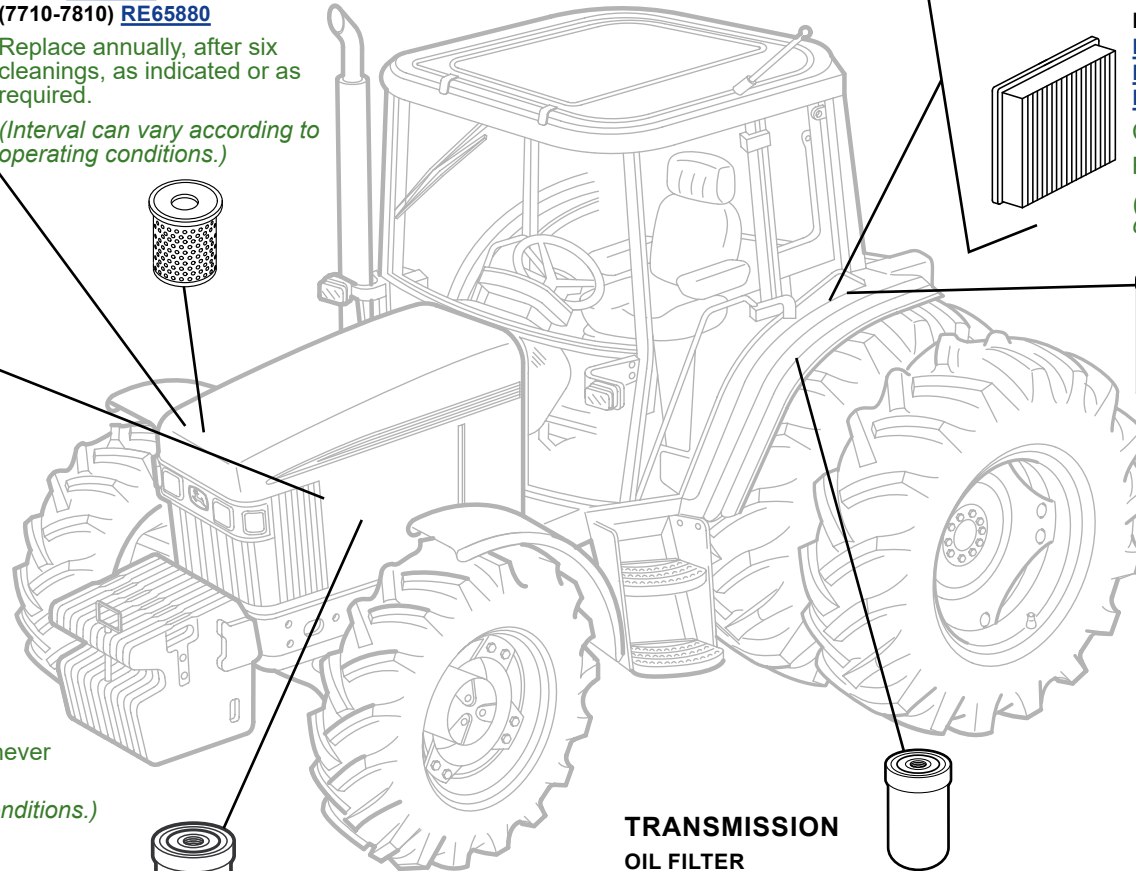
OIL FILTER

(7210-7510) [AL221066](#) - PowrQuad™
(7210-7410) [AL156624](#) - SyncroPlus™
(7610, 7710, 7810) [RE205726](#) & [R86516](#) (Screen)- PowrQuad™, AutoQuad™ and PowerShift™
(7710, 7810) [RE161181](#) - IVT™

Initial filter replacement is at 100 hours maximum operation and then after every 750 hours.

(Interval can vary according to operating conditions.)

(Click here for [capacity](#))



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Genuine Parts and Service

CAPACITIES

7010 Series Row-Crop Tractors - 7210, 7410, 7510, 7610, 7710, 7810

CAPACITIES (Approximate):

Fuel Tank:

7210, 7410, 7510 (Standard).....	190 L (50 gal)
7210, 7410, 7510 (Optional).....	152 L (40 gal)
7610, 7710, 7810 (Open Station).....	270 L (71.5 gal)
7610 (Standard).....	246 L (65 gal)
7710, 7810 (Standard).....	344 L (91 gal)
7610 (Optional).....	344 L (91 gal)

Cooling System:

Cool-Gard™ II

7210, 7410, 7510.....	19 L (5 gal)
7610.....	24 L (6.3 gal)
7710, 7810 (S/N -089999).....	26 L (6.9 gal)
7710, 7810 (S/N 090000-).....	33 L (8.7 gal)

Crankcase:

Plus-50™ II

7210, 7410, 7510, 7610.....	19 L (5 gal)
7710, 7810.....	24 L (6.3 gal)

Transmission and Hydraulic System:

Hy-Gard™

7210, 7410, 7510	
SyncroPlus™ or PowrQuad™	57 L (15 gal)
w/ MFWD.....	64 L (17 gal)
w/ Creeper.....	61 L (16 gal)
w/ MFWD and Creeper.....	68 L (18 gal)

7610, 7710, 7810

PowerShift™	91 L (24 gal)
w/ MFWD.....	102.3 L (27 gal)
PowrQuad™ and AutoQuad™	87 L (22.9 gal)
w/ MFWD.....	98.3 L (25.9 gal)
w/ Creeper.....	91 L (24 gal)
w/ MFWD and Creeper.....	102.3 L (27 gal)
IVT™	102.3 L (27 gal)

7610, 7710, 7810

Mechanical Front Wheel Drive (MFWD) Axle:

GL-5

Axle Housing.....	14.4 L (3.7 gal)
Wheel Hub.....	1.9 L (0.5 gal)
Wheel Hub (Hi-Crop).....	3.8 L (1 gal)

7210, 7410, 7510

Mechanical Front Wheel Drive (MFWD) Axle:

GL-5

Axle Housing (Hi-Crop).....	14.4 L (3.8 gal)
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7210, 7410

Axle Housing (Version B).....	6.6 L (1.74 gal)
Wheel Hub (Version B).....	0.8 L (0.21 gal)

7510

Axle Housing (Version B).....	6.7 L (1.76 gal)
Wheel Hub (Version B).....	2.2 L (0.58 gal)
Wheel Hub (Hi-Crop).....	3.8 L (1 gal)
Rear Hi-Crop Axle Housings.....	3.8 L (1 gal)

7210, 7410, 7510 use different versions of housings and hubs. See machine operator manual for exact quantities.



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