

REPLACEMENT PARTS GUIDE

6M Final Tier 4 (FT4) MY20 Series Tractors – 6130M, 6140M, 6145M

ENGINE



DEF LINE FILTER [DZ110513](#)

Replace after every 4500 hours or 3 years, whichever occurs first.



DEF INJECTION PUMP FILTER [DZ114640](#)

Replace after every 4500 hours or 3 years, whichever occurs first.



PRIMARY FUEL FILTER - [DZ115389](#) FINAL FUEL FILTER - [DZ115390](#)

Replace after every 500 hours.



SECONDARY AIR FILTER - [AL215054](#)

Replace at every fourth change of Primary Air Filter, or after 4500 hours or 2 year, whichever occurs first.



PRIMARY AIR FILTER [AL215055](#) (6130M - 6140M) [AL215053](#) (6145M)

Replace after every 1500 hours, or 2 years whichever occurs first, or if the relevant information is displayed on the CommandCenter™.



FRONT PTO OIL FILTER [DE30500](#)

Replace after every 500 hours.



CRANKCASE VENTILATION FILTER [DZ105100](#)

Replace after every 500 hours.



OIL FILTER - [RE504836](#)

Replace after first 100 hours and every 500 hours thereafter or annually. The extended 500 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 250 hours, if conditions are not met.



CAB



FRESH AIR FILTER (QTY 2) [AL225552](#)

Replace after every 1500 hours, or 2 years, or with Engine Primary Air Filter, whichever occurs first.

(ACTIVATED CARBON KIT)

[AL158986](#)

Never clean. Replace after every 500 hours or 1 year or with Engine Primary Air Filter, whichever occurs first.



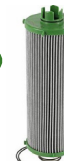
RECIRCULATION AIR FILTER (QTY 2) [L214634](#) (Cellulose) RECIRCULATION AIR FILTER (QTY 2) [TY27779](#) (Anti-Allergen)

Replace after every 1500 hours, or 2 years, or with Engine Primary Air Filter, whichever occurs first.

(ACTIVATED CARBON KIT)

[AL158986](#)

Never clean. Replace after every 500 hours or 1 year or with Engine Primary Air Filter, whichever occurs first.



HYDRAULICS OIL FILTER [AL232896](#)

Replace after first 100 hours then after first 500 hours and every 500 hours thereafter. Change Transmission Oil Filter as well.



TRANSMISSION OIL FILTER [AL221066](#)

Replace after first 100 hours then after first 500 hours and every 500 hours thereafter. Change Transmission Oil Filter as well.



JOHN DEERE
Genuine Parts and Service

CLICK PART NUMBER TO BUY

*See operator's manual for additional details.

CAPACITIES

6M Final Tier 4 (FT4) MY20 Series Tractors – 6130M, 6140M, 6145M

CAPACITIES (Approximate):

Fuel Tank:

6130M, 6140M.....	225 L (59.4 gal)
6145M.....	265 L (70.0 gal)

DEF Tank:

John Deere Diesel Exhaust Fluid™

6130M, 6140M.....	13 L (3.4 gal)
6145M.....	16 L (4.2 gal)

Cooling System:

Cool-Gard™ II

6130M, 6140M.....	22 L (5.8 gal)
6145M.....	27 L (7.1 gal)

Crankcase:

Plus-50™ II

.....	16 L (4.2 gal)
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Transmission / Hydraulics:

Hy-Gard™

Transmission	60 L (15.9 gal)
Extra with creeper.....	2 L (0.5 gal)
Extra with front-wheel drive	3 L (0.8 gal)
Extra with additional oil reservoir.....	14 L (3.7 gal)

Front PTO:

.....	2.6 L (0.7 gal)
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Front-wheel Drive:

Hy-Gard™

6130M, 6140M

Axle housing	6.4 L (1.7 gal)
Final drives, per side (with brake).....	1.4 L (0.37 gal)
Final drives, per side (without brake).....	0.8 L (0.21 gal)

6145M

Axle housing (with TLS™)	10.0 L (2.6 gal)
Axle housing (without TLS™).....	9.2 L (2.4 gal)
Final drives, per side (with brake).....	2.4 L (0.63 gal)
Final drives, per side (without brake).....	2.2 L (0.58 gal)

Air-conditioning System:

R134a Refrigerant	1225 - 1275 g (2.70 - 2.81 lb)
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ENGINE

BRAKE DISK



[RE324245](#) REAR AXLE
[AL226241](#) REAR AXLE
[AL214835](#) REAR AXLE, TK = 4.9MM
[AL171955](#) REAR AXLE, TK = 5.9MM
[AL171954](#) REAR AXLE, TK = 4.9MM
[RE321696](#) REVERSER BRAKE, PQT™ OR CQT™
[AL160176](#) MFWD AXLE
[DE30428](#) FRONT PTO

CLUTCH DISK



[RE326609](#) C4 CLUTCH, PQT™ OR CQT™
[R216294](#) CLUTCH PLATE
[RE321692](#) FORWARD CLUTCH, PQT™ OR CQT™
[R96805](#) CLUTCH PLATE

BELTS BETWEEN ENGINE AND WATER PUMP, AIR COMPRESSOR, AC COMPRESSOR



[L224901](#) DRIVE BELT, W/ AIR CONDITIONING SYSTEM,
[L203294](#) DRIVE BELT, W/ AIR CONDITIONING SYSTEM, LGTH= 3204 MM (6140M)
[L224901](#) DRIVE BELT, W/ AIR CONDITIONING SYSTEM (6140M)

ALTERNATOR



[AL232853](#) 14 V, 210 A, (977139 - 999999); 14 V, 200 A, (673929 - 977138)
[AL216156](#) 14 V, 125 A
[AL232855](#) 14 V, 170 A, (977139 - 999999); 14 V / 150 A, (673929 - 977138)

BATTERY



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



CAB

SEAT



[AL210442](#) BOTTOM, AIR SUSPENDED, MECHANICAL SUSPENDED
[AL210441](#) BACK, AIR SUSPENDED, MECHANICAL SUSPENDED
[AL173178](#) INSTRUCTIONAL SEAT
[AL173179](#) INSTRUCTIONAL SEAT
[AL210473](#) BACK, AIR SUSPENDED
[AL210474](#) BOTTOM, AIR SUSPENDED

AXLE

TIE ROD ENDS



[AL224139](#) MFWD AXLE (6145M)
[AL222371](#) MFWD AXLE (6140M, 6130M)
[AL75597](#) 2WD AXLE
[AR63590](#) 2WD AXLE



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