

REPLACEMENT PARTS GUIDE

650 P-tier, Gen-A Crawler Dozer

(PIN: 1T0650P___D_01837) (PIN: 1T0650P___L_01837)



ENGINE AIR FILTER ELEMENT - PRIMARY
[AT390262](#)
 Interval (hrs) - As Required

ENGINE AIR FILTER ELEMENT SECONDARY
[AT390261](#)
 Interval (hrs) - As Required

HYDRAULIC SYSTEM OIL FILTER
[T366738](#)
 Interval (hrs) - 2000.

WINCH HYDRAULIC RESERVOIR BREATHER FILTER (IF EQUIPPED)
[AT219961](#)
 Interval (hrs) - 1000.

DIESEL PARTICULATE FILTER (COMPONENT OF EXHAUST FILTER) (IF EQUIPPED)
[DZ104592](#)
 Interval (hrs) - As Required

OPEN CRANKCASE VENTILATION (OCV) FILTER
[DZ105100](#)
 Interval (hrs) - 2000.

ENGINE OIL FILTER
[RE504836](#)
 Interval (hrs) - 500.

SERPENTINE BELT
[T449092](#) (WITHOUT AIR CONDITIONING) (T3)
[DZ114929](#) (WITHOUT AIR CONDITIONING) (FT4)
[T438995](#) (WITH AIR CONDITIONING) (T3)
[T449094](#) (WITH AIR CONDITIONING) (FT4)
 Interval (hrs) - As Required

HYDROSTATIC TRANSMISSION OIL FILTERS
[T366738](#)
 Interval (hrs) - 2000.

CAB FRESH AIR AND RECIRCULATION FILTER
[AT191102](#)
 Interval (hrs) - 1000 .

AUXILIARY FUEL FILTER (IF EQUIPPED)
[AT387536](#)
 Interval (hrs) - 500.

FUEL TANK BREATHER
[T231314](#)
 Interval (hrs) - 2000.

DIESEL EXHAUST FLUID (DEF) TANK BREATHER (IF EQUIPPED)
[H216169](#)
 Interval (hrs) - 4000

DIESEL EXHAUST FLUID (DEF) DOSING UNIT FILTER (IF EQUIPPED)
[DZ114640](#)
 Interval (hrs) - 4000

DIESEL EXHAUST FLUID (DEF) HEADER INLET FILTER
[DZ119429](#)
 Interval (hrs) - 4000

PRIMARY FUEL FILTER ELEMENT
[DZ115391](#) (FT4)
[RE509036](#) (T3)
 Interval (hrs) - 500

FINAL FUEL FILTER ELEMENT
[DZ115390](#) (FT4)
[RE522878](#) (T3)
 Interval (hrs) - 500

ENGINE ROCKER ARM COVER GASKET
[R524468](#) (S -TYPE)
[R123542](#) (STANDARD)
 Interval (hrs) - As Required .



OIL AND CAPACITIES INFORMATION

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Part Description	Qty or capacity	Change Interval In Hours	
John Deere Plus-50™ II Engine Oil ¹	14.7 L (3.9 gal)	500	
John Deere Hydrau™ Hydraulic System Oil	70.5 L (18.6 gal)	4000	
John Deere Hy-Gard™ Winch Oil (if equipped) ¹	38.0 L (10.0 gal)	1000	
Axle/Final Drive Oil	8.5 L (2.3 gal)	1000	
John Deere Cool-Gard™ II Pre-Mix	16.9 L (4.5 gal)	6000	
Fluid Analysis Kits ²			
Part Description	Part Number	Qty or capacity	Change Interval In Hours
Diesel Engine Oil	AT346594	1	250
Hydraulic/Hydrostatic System Oil	AT346594	1	500
Final Drive Oil	AT346594	2	500
Engine Coolant	TY26873	1	500
¹ During normal operating conditions, the fast fill fuel breather filter should be changed every 500 hours. If operating in dusty conditions, check filter more often and replace as required. See Operators Manual. ² Based on fluid analysis results, intervals may need to be adjusted for operating conditions. See an authorized John Deere dealer.			

Plus-50 is a trademark of Deere & Company

Hydrau is a trademark of Deere & Company

Hy-Gard is a trademark of Deere & Company

Cool-Gard is a trademark of Deere & Company



Service intervals

650 P-tier, Gen-A Crawler Dozer (PIN: 1T0650P__D_01837) (PIN: 1T0650P__L_01837)

As Required	
<input type="checkbox"/> Inspect and clean cooling package	<input type="checkbox"/> Check and drain primary fuel filter water separator
<input type="checkbox"/> Inspect or replace serpentine belt and check automatic belt tensioner	<input type="checkbox"/> Check and drain auxiliary fuel filter water separator (if equipped)
<input type="checkbox"/> Replace primary and secondary engine air filter elements	<input type="checkbox"/> Inspect and replace cab fresh air and recirculation filter elements
<input type="checkbox"/> Check air cleaner dust unloader valve	<input type="checkbox"/> Check and adjust track sag
<input type="checkbox"/> Check and fill windshield washer fluid	<input type="checkbox"/> Service exhaust filter
Every 10 Hours or Daily	
<input type="checkbox"/> Check coolant level at surge tank and add as needed	<input type="checkbox"/> Check hydraulic/hydrostatic system oil level
<input type="checkbox"/> Check engine oil level	
Every 50 Hours	
<input type="checkbox"/> Lubricate rear ripper (if equipped)	<input type="checkbox"/> Lubricate dozer linkage and blade socket
Every 250 Hours	
<input type="checkbox"/> Check final drive oil level	<input type="checkbox"/> Take engine oil sample and check
Every 500 Hours	
<input type="checkbox"/> Drain and refill engine oil and replace filter	<input type="checkbox"/> Replace primary and final fuel filters
<input type="checkbox"/> Replace auxiliary fuel filter (if equipped)	<input type="checkbox"/> Take engine coolant sample and check
<input type="checkbox"/> Drain water and sediment from fuel tank	<input type="checkbox"/> Take final drives oil sample and check
<input type="checkbox"/> Check hybrid battery electrolyte level (if equipped)	<input type="checkbox"/> Take hydraulic/hydrostatic system oil sample and check
<input type="checkbox"/> Check blade shim adjustment	
Every 1000 Hours	
<input type="checkbox"/> Check coolant condition and add as needed	<input type="checkbox"/> Replace cab fresh air and recirculation filters
<input type="checkbox"/> Check air intake hoses for cracks and loose connections	<input type="checkbox"/> Drain and refill final drive oil
Every 2000 Hours	
<input type="checkbox"/> Replace open crankcase ventilation (OCV) filter	<input type="checkbox"/> Replace fuel tank breather
<input type="checkbox"/> Drain and refill hydraulic system and hydrostatic transmission oil filter and replace filters	
Every 3000 Hours	
<input type="checkbox"/> Check and adjust engine valve lash	
Every 4000 Hours	
<input type="checkbox"/> Replace diesel exhaust fluid (DEF) tank breather filter	<input type="checkbox"/> Clean diesel exhaust fluid (DEF) tank
<input type="checkbox"/> Replace diesel exhaust fluid (DEF) header suction filter	<input type="checkbox"/> Replace diesel exhaust fluid (DEF) dosing unit filter
<input type="checkbox"/> Drain and refill hydraulic system oil and hydrostatic transmission oil	
Every 6000 Hours	
<input type="checkbox"/> Drain and refill engine coolant	



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