

REPLACEMENT PARTS GUIDE

853MH Tracked Harvester (PIN: 1T0853MH__408746)



PRIMARY ENGINE AIR FILTER ELEMENT [AH148880](#)

Interval (hrs) - As Required.



DIESEL PARTICULATE FILTER (DPF) (COMPONENT OF EXHAUST FILTER) [RE563901](#)

Interval (hrs) - As Required.



SECONDARY ENGINE AIR FILTER [RE63932](#)

Interval (hrs) - As Required.



ENGINE OIL FILTER ELEMENT [DZ101884](#)

Interval (hrs) - 500.



FUEL CAP BREATHER ELEMENT [T231314](#)

Interval (hrs) - 2000.



HYDRAULIC OIL RETURN FILTER [F061786](#)

Interval (hrs) - 2000.



ENGINE ROCKER ARM COVER GASKET [R526607](#)

Interval (hrs) - 2000.



DIESEL EXHAUST FLUID (DEF) DOSING UNIT FILTER3 [DZ114640](#)

Interval (hrs) - 2000.



HYDROSTATIC CHARGE OIL FILTER(IF EQUIPPED) [AT412116](#)

Interval (hrs) - 2000.



HYDRAULIC OIL BREATHER FILTER [F122930](#)

Interval (hrs) - 2000.



PRIMARY FUEL FILTER ELEMENT [RE539465](#)

Interval (hrs) - 500.



FUEL PREFILTER ELEMENT (IF EQUIPPED) [R502778](#)

Interval (hrs) - 500.



AUXILIARY FUEL FILTER ELEMENT (IF EQUIPPED) [AT365869](#)

Interval (hrs) - 500.



DIESEL EXHAUST FLUID (DEF) IN-LINE FILTER3(IF EQUIPPED) [DZ118548](#)

Interval (hrs) - 6000.



DIESEL EXHAUST FLUID (DEF) TANK BREATHER [H216169](#)

Interval (hrs) - 4000.



CAB FRESH AIR FILTER [AT191102](#)

Interval (hrs) - 1000.



CAB RECIRCULATION FILTER [AT307501](#)

Interval (hrs) - 500.



FINAL FUEL FILTER ELEMENT [DZ112918](#)

Interval (hrs) - 500.



HYDROSTATIC PUMP CASE OIL FILTER [AT318160](#)

Interval (hrs) - 2000.













JOHN DEERE
Genuine Parts and Service

CLICK PART NUMBER TO BUY

*See operator's manual for additional details.

OIL AND CAPACITIES INFORMATION

853MH Tracked Harvester (PIN: 1T0853MH__408746)

Part Description	Part Number	Qty or capacity	Change Interval In Hours
Idler Oil ⁴ 	TY26372	As Required	100
John Deere Plus-50™ II Engine Oil ⁴ 	TY26669	31.0 L (8.2 gal)	500
U6 Track Drive Planetary Oil ⁴ (each) 	TY26372	8.0 L (2.1 gal)	1000
U7 Track Drive Planetary Oil ⁴ (each) 	TY26372	9.0 L (2.4 gal)	1000
U7L Track Drive Planetary Oil ⁴ (each) 	TY26372	10.0 L (2.6 gal)	1000
API GL-5 Swing Drive Gear Case Oil ⁴ (each) 	TY26372	4.5 L (1.2 gal)	1000
Hy-Gard™ Pump Drive Gear Case Oil ⁴ (if equipped) 	TY6354	6.6 L (1.7 gal)	1000
John Deere Hydrau™ XR Hydraulic Enclosure Door Pump Oil ⁴ 	TY27318	4.1 L (1.1 gal)	2000
John Deere Hydrau™ Hydraulic Oil ⁴ 	TY27367	152.0 L (40.2 gal)	2000
Cool-Gard™ II Pre-Mix 	TY26575	46.0 L (12.5 gal)	6000

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Part Description	Part Number	Qty or capacity	Change Interval In Hours
Fluid Analysis Test Kits⁴			
Engine Oil	AT346594	1	250
Hydraulic Oil	AT346594	1	500
Diesel Fuel	TY27329	1	500
Pump Drive Gear Case Oil (if equipped)	AT346594	1	500
Track Drive Planetary Oil	AT346594	2	500
Swing Drive Gear Case Oil ⁵	AT346594	2	500
Enclosure Door Pump Oil	AT346594	1	500
Engine Coolant	TY27787	1	500
<p><i>1Perform initial service once after the first 100 hours of operation.</i></p> <p><i>2Perform initial service once after the first 250 hours of operation.</i></p> <p><i>3 See operator's manual for recommended oil type and oil viscosities based on operating temperatures.</i></p> <p><i>4Based on fluid analysis results, intervals may need to be adjusted for your operating conditions. Consult your local John Deere dealer.</i></p>			

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Hydrau is a trademark of Deere & Company
Hy-Gard is a trademark of Deere & Company
Cool-Gard is a trademark of Deere & Company



CLICK PART NUMBER TO BUY

***See operator's manual for additional details.**

Service Intervals

As Required	
<input type="checkbox"/> Inspect serpentine belt	<input type="checkbox"/> Lubricate door hinges
<input type="checkbox"/> Replace engine air filter elements	<input type="checkbox"/> Lubricate toolbox door hinges (if equipped)
<input type="checkbox"/> Check and clean cooling system and condenser fins	<input type="checkbox"/> Service exhaust filter
<input type="checkbox"/> Clean and tighten battery terminals	
Every 10 Hours or Daily	
<input type="checkbox"/> Lubricate leveler pivot joints and cylinders (if equipped)	<input type="checkbox"/> Check and drain auxiliary fuel filter and water separator (if equipped)
<input type="checkbox"/> Check fire suppression system (if equipped)	<input type="checkbox"/> Check engine coolant level
<input type="checkbox"/> Check swing drive gear case oil level	<input type="checkbox"/> Check and adjust track sag
<input type="checkbox"/> Check hydraulic oil level	<input type="checkbox"/> Lubricate boom joints and cylinder ends
<input type="checkbox"/> Check engine oil level	<input type="checkbox"/> Lubricate swing drive pinion and bearing
<input type="checkbox"/> Check pump drive gear case oil level (if equipped)	<input type="checkbox"/> Lubricate crank and link (if equipped)
<input type="checkbox"/> Check and drain primary fuel filter and water separator	<input type="checkbox"/> Inspect fire extinguisher
<input type="checkbox"/> Inspect harvesting head chain shot guard (if equipped)	
Initial Service—100 Hours	
<input type="checkbox"/> Check track shoe cap screw torque	
Every 100 Hours	
<input type="checkbox"/> Lubricate swing drive gear case bearing	<input type="checkbox"/> Check idler oil level
Initial Service—250 Hours	
<input type="checkbox"/> Drain and refill swing drive gear case oil	<input type="checkbox"/> Drain and refill pump drive gear case oil (if equipped)
<input type="checkbox"/> Drain and refill track drive planetary oil	<input type="checkbox"/> Check lower roller mounting cap screw torque
Every 250 Hours	
<input type="checkbox"/> Check rear window alternative exit latches and retainer knobs	<input type="checkbox"/> Check track drive planetary oil level
<input type="checkbox"/> Check skylight latch tension	<input type="checkbox"/> Check track shoe cap screw torque
<input type="checkbox"/> Take engine oil sample	
Every 500 Hours	
<input type="checkbox"/> Replace fuel prefilter (if equipped)	<input type="checkbox"/> Take diesel fuel sample
<input type="checkbox"/> Replace primary fuel filter and water separator	<input type="checkbox"/> Take hydraulic oil sample
<input type="checkbox"/> Replace final fuel filter	<input type="checkbox"/> Take pump drive gear case oil sample (if equipped)
<input type="checkbox"/> Replace auxiliary fuel filter and water separator (if equipped)	<input type="checkbox"/> Take track drive planetary oil sample
<input type="checkbox"/> Drain and refill engine oil and replace filter	<input type="checkbox"/> Take swing drive gear case oil sample
<input type="checkbox"/> Check battery terminals and electrolyte level (if applicable)	<input type="checkbox"/> Check enclosure door pump oil level
<input type="checkbox"/> Check air intake hoses	<input type="checkbox"/> Take engine coolant sample
<input type="checkbox"/> Drain water and sediment from fuel tank	<input type="checkbox"/> Take enclosure door pump oil sample
Every 1000 Hours	
<input type="checkbox"/> Drain and refill swing drive gear case oil	<input type="checkbox"/> Drain and refill track drive planetary oil
<input type="checkbox"/> Check coolant condition	<input type="checkbox"/> Drain and refill pump drive gear case oil (if equipped)

Service Intervals

Every 1000 Hours	
<input type="checkbox"/> Drain and refill swing drive gear case oil	<input type="checkbox"/> Drain and refill track drive planetary oil
<input type="checkbox"/> Check coolant condition	<input type="checkbox"/> Drain and refill pump drive gear case oil (if equipped)
<input type="checkbox"/> Check cab fresh air and cab recirculation air filters	
Every 2000 Hours	
<input type="checkbox"/> Drain and refill hydraulic oil	<input type="checkbox"/> Drain and refill enclosure door pump oil
<input type="checkbox"/> Replace hydraulic oil return filters	<input type="checkbox"/> Replace diesel exhaust fluid (DEF) dosing unit filter ³
<input type="checkbox"/> Replace hydraulic oil breather filter	<input type="checkbox"/> Check and adjust engine valve lash
<input type="checkbox"/> Replace hydrostatic charge oil filter (if equipped)	<input type="checkbox"/> Check open crankcase vent (OCV)
<input type="checkbox"/> Replace hydrostatic pump case oil filter (if equipped)	<input type="checkbox"/> Replace fuel cap breather element
Every 4000 Hours	
<input type="checkbox"/> Replace diesel exhaust fluid (DEF) tank breather filter	
Every 6000 Hours	
<input type="checkbox"/> Drain and refill engine coolant	<input type="checkbox"/> Replace diesel exhaust fluid (DEF) in-line filter ³