
























# REPLACEMENT PARTS GUIDE

## 853MH Tracked Harvester (PIN: 1T0853MH\_\_ F293764—408745) and (PIN: 1T0853MH\_\_ L343913—408745)

	<b>PRIMARY ENGINE AIR FILTER ELEMENT</b> <a href="#">AH148880</a> Interval (hrs) - As Required.
	<b>SECONDARY ENGINE AIR FILTER ELEMENT</b> <a href="#">RE63932</a> Interval (hrs) - As Required.
	<b>DIESEL PARTICULATE FILTER (DPF) (COMPONENT OF EXHAUST FILTER)</b> <a href="#">RE563901</a> Interval (hrs) - As Required.
	<b>DIESEL EXHAUST FLUID (DEF) IN-LINE FILTER* (IF EQUIPPED)</b> <a href="#">DZ118548</a> Interval (hrs) - 6000.
	<b>FUEL CAP BREATHER ELEMENT</b> <a href="#">T231314</a> Interval (hrs) - 2000.
	<b>HYDRAULIC OIL RETURN FILTER</b> <a href="#">F061786</a> Interval (hrs) - 2000.
	<b>DIESEL EXHAUST FLUID (DEF) HEADER SUCTION FILTER AND BAFFLE (S.N. 306263—344119)</b> <a href="#">AT502964</a> Interval (hrs) - 2000.
	<b>DIESEL EXHAUST FLUID (DEF) DOSING UNIT FILTER</b> <a href="#">DZ114640</a> Interval (hrs) - 2000.
	<b>ENGINE OIL FILTER ELEMENT</b> <a href="#">DZ101884</a> Interval (hrs) - 500.
	<b>HYDROSTATIC PUMP CASE OIL FILTER (IF EQUIPPED)</b> <a href="#">AT318160</a> Interval (hrs) - 2000.
	<b>HYDRAULIC OIL BREATHER FILTER</b> <a href="#">F122930</a> Interval (hrs) - 2000.












	<b>FINAL FUEL FILTER ELEMENT</b> <a href="#">DZ112918</a> Interval (hrs) - 500.
	<b>PRIMARY FUEL FILTER ELEMENT</b> <a href="#">RE539465</a> Interval (hrs) - 500.
	<b>DIESEL EXHAUST FLUID (DEF) TANK BREATHER</b> <a href="#">H216169</a> Interval (hrs) - 4000.
	<b>CAB FRESH AIR FILTER</b> <a href="#">AT191102</a> Interval (hrs) - 1000.
	<b>CAB RECIRCULATION FILTER</b> <a href="#">AT307501</a> Interval (hrs) - 1000.
	<b>HYDROSTATIC CHARGE OIL FILTER ELEMENT (IF EQUIPPED)</b> <a href="#">AT412116</a> Interval (hrs) - 2000.
	<b>DIESEL EXHAUST FLUID (DEF) HEADER SUCTION SCREEN AND BAFFLE (S.N.—306262)</b> <a href="#">AT486844</a> Interval (hrs) - 2000.
	<b>FUEL PREFILTER ELEMENT (IF EQUIPPED)</b> <a href="#">R502778</a> Interval (hrs) - 500.
	<b>AUXILIARY FUEL FILTER ELEMENT (IF EQUIPPED)</b> <a href="#">AT365869</a> Interval (hrs) - 500.
	<b>ENGINE ROCKER ARM COVER GASKET</b> <a href="#">R526607</a> Interval (hrs) - 2000.



# OILS AND CAPACITIES INFORMATION

## 853MH Tracked Harvester (PIN: 1T0853MH\_\_ F293764—408745) and (PIN: 1T0853MH\_\_ L343913—408745)

Part Description	Part Number	Qty or capacity	Change Interval In Hours
John Deere Plus-50™ II Engine Oil <sup>3</sup> 	<a href="#">TY26669</a>	31.0 L (8.2 gal)	500
U6 Track Drive Planetary Oil <sup>3</sup> (each) 	<a href="#">TY26372</a>	8.0 L (2.1 gal)	1000
U7 Track Drive Planetary Oil <sup>3</sup> (each) 	<a href="#">TY26372</a>	9.0 L (2.4 gal)	1000
U7L Track Drive Planetary Oil <sup>3</sup> (each) 	<a href="#">TY26372</a>	10 L (2.6 gal)	1000
API GL-5 Swing Drive Gear Case Oil <sup>3</sup> (each) 	<a href="#">TY26372</a>	4.5 L (1.2 gal)	1000
Hy-Gard™ Pump Drive Gear Case Oil <sup>3</sup> (if equipped) 	<a href="#">TY6354</a>	6.6 L (1.7 gal)	1000
John Deere Hydrau™ XR Hydraulic Enclosure Door Pump Oil <sup>3</sup> 	<a href="#">TY27318</a>	4.1 L (1.1 gal)	2000
John Deere Hydrau™ Hydraulic Oil <sup>3</sup> 	<a href="#">TY27367</a>	152.0 L (40.0 gal)	2000
John Deere Cool-Gard™ II Pre-Mix 	<a href="#">TY26575</a>	46.0 L (12.5 gal)	6000

# OILS AND CAPACITIES INFORMATION

## 853MH Tracked Harvester (PIN: 1T0853MH\_\_ F293764—408745) and (PIN: 1T0853MH\_\_ L343913—408745)

Part Description	Part Number	Qty or capacity	Change Interval In Hours
<b>Fluid Analysis Test Kits<sup>4</sup></b>			
Engine Oil	<a href="#">AT346594</a>	1	250
Hydraulic Oil	<a href="#">AT346594</a>	1	500
Diesel Fuel	<a href="#">TY27329</a>	1	500
Pump Drive Gear Case Oil (if equipped)	<a href="#">AT346594</a>	1	500
Track Drive Planetary Oil	<a href="#">AT346594</a>	2	500
Swing Drive Gear Case Oil <sup>5</sup>	<a href="#">AT346594</a>	2	500
Enclosure Door Pump Oil	<a href="#">AT346594</a>	1	500
Engine Coolant	<a href="#">TY27787</a>	1	500

<sup>3</sup> See operator's manual for recommended oil type and oil viscosities based on operating temperatures.

<sup>4</sup> Based on fluid analysis results, intervals may need to be adjusted for your operating conditions. Consult your local John Deere dealer.

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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	
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 hybrid battery electrolyte level (if equipped)	<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

## 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
<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
<input type="checkbox"/> Clean diesel exhaust fluid (DEF) tank (S.N. —306262)	<input type="checkbox"/> Replace diesel exhaust fluid (DEF) tank fill screen (S.N. —306262)
<input type="checkbox"/> Clean diesel exhaust fluid (DEF) tank (S.N. 306263—344119)	<input type="checkbox"/> Replace diesel exhaust fluid (DEF) header suction screen and baffle (S.N. —306262)
<input type="checkbox"/> Replace diesel exhaust fluid (DEF) header suction filter and baffle (S.N. 306263—344119)	
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 (if equipped)