

REPLACEMENT PARTS GUIDE

853M Tracked Feller Buncher (PIN: 1T0853MX__ F293917—408745) and (PIN: 1T0853MX__ L343913—408745)



DIESEL EXHAUST FLUID (DEF) TANK BREATHER
H216169

Interval (hrs) : 4000

FUEL CAP BREATHER ELEMENT

T231314

Interval (hrs) : 2000

**DIESEL PARTICULATE FILTER (DPF)
(COMPONENT OF EXHAUST FILTER)**

RE563901

Interval (hrs) : As Required

**DIESEL EXHAUST FLUID (DEF)
IN-LINE FILTER6 (IF EQUIPPED)**

DZ118548

Interval (hrs) : 6000

**DIESEL EXHAUST FLUID (DEF) DOSING UNIT
FILTER6**

DZ114640

Interval (hrs) : 2000

CAB FRESH AIR FILTER

AT191102

Interval (hrs) : 1000

CAB RECIRCULATION FILTER

AT307501

Interval (hrs) : 1000

**DIESEL EXHAUST FLUID (DEF) HEADER
SUCTION FILTER AND BAFFLE
(S.N. 306263—344119)**

AT502964

Interval (hrs) : 2000

ENGINE ROCKER ARM COVER GASKET

R526607

Interval (hrs) : 2000

**DIESEL EXHAUST FLUID (DEF) HEADER
SUCTION SCREEN AND BAFFLE (S.N.-306262)**

AT486844

Interval (hrs) : 2000

PRIMARY ENGINE AIR FILTER ELEMENT
AH148880

Interval (hrs) : As Required

HYDRAULIC OIL RETURN FILTER

F061786

Interval (hrs) : 2000

SECONDARY ENGINE AIR FILTER ELEMENT

RE63932

Interval (hrs) : As Required

ENGINE OIL FILTER ELEMENT

DZ101884

Interval (hrs) : 500

**HYDROSTATIC PUMP CASE OIL FILTER
(IF EQUIPPED)**

AT318160

Interval (hrs) : 2000

FINAL FUEL FILTER ELEMENT

DZ112918

Interval (hrs) : 500

HYDRAULIC OIL BREATHER FILTER

F122930

Interval (hrs) : 2000

FUEL PREFILTER ELEMENT (IF EQUIPPED)

R502778

Interval (hrs) : 500

PRIMARY FUEL FILTER ELEMENT

RE539465

Interval (hrs) : 500

**AUXILIARY FUEL FILTER ELEMENT
(IF EQUIPPED)**

AT365869

Interval (hrs) : 500










**HYDROSTATIC CHARGE OIL FILTER
(IF EQUIPPED)**

AT412116

Interval (hrs) : 2000

OILS AND CAPACITIES INFORMATION

853M Tracked Feller Buncher(PIN: 1T0853MX__ F293917—408745) and (PIN: 1T0853MX__ L343913—408745)

Part Description	Part Number	Qty or capacity	Change Interval In Hours
John Deere Plus-50™ II Engine Oil ³ 	TY26669	31.0 L (8.2 gal)	500
U6 Track Drive Planetary Oil ³ (each) 	TY26372	8.0 L (2.1 gal)	1000
U7 Track Drive Planetary Oil ³ (each) 	TY26372	9.0 L (2.4 gal)	1000
U7L Track Drive Planetary Oil ³ (each) 	TY26372	10 L (2.6 gal)	1000
API GL-5 Swing Drive Gear Case Oil ³ (each) 	TY26372	4.5 L (1.2 gal)	1000
Hy-Gard™ Pump Drive Gear Case Oil ³ (if equipped) 	TY6354	6.6 L (1.7 gal)	1000
John Deere Hydrau™ XR Hydraulic Enclosure Door Pump Oil ³ 	TY27318	4.1 L (1.1 gal)	2000
John Deere Hydrau™ Hydraulic Oil ³ 	TY27367	152.0 L (40.0 gal)	2000
Cool-Gard™ II Pre-Mix 	TY26575	41.9 L (11.1 gal)	6000

OILS AND CAPACITIES INFORMATION

853M Tracked Feller Buncher(PIN: 1T0853MX__ F293917—408745) and (PIN: 1T0853MX__ L343913—408745)

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>³ See operator's manual for recommended oil type and oil viscosities based on operating temperatures.</p> <p>⁴ Based on fluid analysis results, intervals may need to be adjusted for your operating conditions. Consult your local John Deere dealer.</p> <p>⁵ Machines not equipped with high torque swing option only require one fluid analysis kit.</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	
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 ⁶
<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 ⁶ (if equipped)