

FENDT 1000 Tier G2 Maintenance Schedule
Models: Fendt 1000 G2 (sn prefix 536, 537, 538, 539)

Job Description	Operating Hours					Part Number	Quantity	Unit	Description
	50	500	1000, 3000, 5000, 7000, 9000	1500, 2500, 3500, 4500, 5500, 6500, 7500, 8500, 9500	2000, 4000, 6000, 8000, 10000				
Engine									
Drain plug gasket		X	X	X	X	72376037	1	ea.	Gasket, M26x34
Replace engine oil		X	X	X	X	NOTE A	47	litres.	Engine oil - 10W-40 Fendt MAN-3775 (50 qts)
Replace engine oil filter		X	X	X	X	ACP0154860	1	ea.	Engine oil filter
Replace fuel filter		X	X	X	X	ACP0410280	1	ea.	prior to engine s/n: 52255582385564
Replace fuel filter		X	X	X	X	72638609	1	ea.	effective engine s/n: 52255861565582
Replace Fuel Tank Breather			X		X	ACP0225000	1	ea.	Element
Drain Water from Fuel Filter	X					-	-	-	
Replace fuel pre-filter		X	X	X	X	72614253	1	ea.	Element, heated
Drain Water from Fuel Pre-Filter	X					-	-	-	
Replace the DEF (AdBlue) Filter		X	X	X	X	ACP0153520	1	ea.	DEF Filter
Replace the DEF (AdBlue) Breather and Blow Out Hose		X	X	X	X	72652667	1	ea.	DEF tank breather
Replace DEF Strainer					X	ACP0338340	1	ea.	B195 Filter
Check air filter maintenance code	X	X	X	X	X	-	-	-	
Check air filter suction lines for leaks	X	X	X	X	X	-	-		
Replace engine air primary filter			X		X	72622474	1	ea.	Primary air filter
Replace engine air secondary filter					X	72626310	1	ea.	Secondary air filter
Check and clean cooling radiators plus fan	X	X	X	X	X	-	-	-	As required - see maintenance manual
Check coolant level	X	X	X	X		ACP0320110	-	-	See operator manual (NOTE E)
Check cooling system for leaks	X	X	X	X	X	-	-	-	
Replace coolant					X	ACP0320110	12	jugs.	Engine coolant 50/50 mix (NOTE E)
Check engine belts	X	X	X	X	X	-	-	-	See maintenance manual
Check valve clearance			X		X	ACP0153600	1	ea.	See MAN WSM section 4.3.1.1. Intake = 0.50 mm & Exhaust = 0.80 mm. Refer to SB18-0017.

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Transmission									
Check transmission oil level	X	X	X	X	X	-	-	-	
Replace transmission oil					X	NOTE B	90	litres.	AGCO Permatran 821XL Plus Extended Life (95 quarts)
Drain plug gasket					X	72315106	3	ea.	Gasket, M33x39
Check oil levels in rear final drives	X		X	X		-	-	-	See maintenance manual - oil level mark on axle housing is approx 61mm (2.4") below fill plug hole.
Replace oil in rear final drives		X			X	NOTE C	36	litres.	80W90 GL5 gear oil (18 L per side) (38 quarts)
Drain plug gasket, final drives		X			X	72315105	2	ea.	Gasket, M30x36
Replace transmission pressure filter	X		X		X	72659255	1	ea.	Transmission high pressure filter
O-ring - filter	X		X		X	72313495	1	ea.	O-ring for 72488569
Replace transmission suction filter					X	72621035	1	ea.	Transmission suction filter
O-ring - suction filter					X	72424095	1	ea.	O-ring for 72621035
Front Axle									
Replace oil in front differential	X		X		X	NOTE B	14	litres.	AGCO Permatran 821XL Plus Extended Life (15 quarts)
Drain plug gasket	X		X		X	72376044	1	ea.	Gasket, M30x38
Replace oil in front axle hubs	X		X		X	NOTE C	11	litres.	80W90 GL5 gear oil (5.2 L per side) (11
Replace oil in front axle hubs	X		X		X	72376470	4	ea.	O-ring for hubs
Replace front axle pressure filter	X		X		X	72663318	1	ea.	Front axle pressure filter
O-ring - front axle filter	X		X		X	72313494	1	ea.	O-ring for 72623924
Check Toe-in	X	X	X	X	X	-	-	-	Adjust if necessary
Hydraulic System									
Check the hydraulic oil level	X	X	X	X		-	-	-	See maintenance manual
Replace hydraulic oil					X	NOTE B	138	litres.	AGCO Permatran 821XL Plus Extended Life (146 quarts)
Replace return line filter					X	72620607	1	ea.	Filter & o-ring
Replace vent filter			X		X	72629564	1	ea.	Filter
Replace vent filter			X		X	72657543	1	ea.	O-ring for 72629564

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Hydraulic System (con't)									
Replace control pressure filter					X	72493246	1	ea.	Filter
Clean the external pressure supply sieve filter					X	-	-	-	See maintenance manual
Cab									
Replace fresh air filter		X	X	X	X	72620540	1	ea.	Filter
Replace recirculating air filter		X	X	X	X	72620539	2	ea.	Filter
Clean the condenser	X	X	X	X	X	-	-	-	
Windshield washer reservoir	X	X	X	X	X				refill as needed
Compressed Air System									
Drain water from air system	X	X	X	X	X	-	-	-	See maintenance manual - Operate drain valve to drain water.
Compressed air function test	X	X	X	X	X	-	-	-	
Replace air dryer cartridge			X		X	72631214	1	ea.	NOTE: Without Tire pressure monitoring system
Replace air dryer cartridge			X		X	72631214	2	ea.	NOTE: With Tire pressure monitoring system
Electrical System									
Check lighting and signaling	X	X	X	X	X	-	-	-	
Check software version and update if necessary	X	X	X	X	X	-	-	-	
Read out and record diagnostic memory and remedy faults	X	X	X	X	X	-	-	-	
General									
Tighten wheel hardware to specifications	X	X	X	X	X	-	-	-	Operators manual section 2.38, or maintenance manual section 4.1
Check for loose hardware and linkages and check for leaks	X	X	X	X	X	-	-	-	
Check tire pressure	X	X	X	X	X	-	-	-	See tire manufacturers recomendations
Lubricate all grease points	X	X	X	X	X	79014728	1		See maintenance manual
Test drive for functions and braking	X	X	X	X	X	-	-	-	

