

FENDT 1000 Gen 3 Maintenance Schedule
(s/n prefix 544, 545, 565, 547)

July 17, 2023
Revision

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									
Clean debris from exhaust pipe area to prevent fires	X	X	X	X	X	-	-	-	
Check screws on exhaust shields on upright pipe	X	X	X	X	X	-	-	-	Tighten or replace if necessary
Check the engine oil level	X	X	X	X	X	-	-	-	
Change engine oil filter		X	X	X	X	ACP0154860	1	ea.	
Change engine oil		X	X	X	X	NOTE A	47.3	litres.	AGCO 10W40
Engine oil drain plug seal		X	X	X	X	72376037	1	ea.	Not used on units with No-Spill drainers installed
Change fuel filter		X	X	X	X	72638609	1	ea.	
Change Fuel prefilter		X	X	X	X	72614253	1	ea.	
Change fuel tank breather			X		X	ACP0225000	1	ea.	
Change DEF filter			X		X	ACP0153520	1	ea.	
Change DEF sensor filter					X	ACP0338340	1	ea.	
Change DEF sensor filter clip					X	ACP0338341	1	ea.	
Change DEF sensor filter o-ring					X	ACP0338342	1	ea.	
Change the DEF breather			X		X	72652667	1	ea.	
Change DEF inlet filter			X		X	ACP0300680	1	ea.	
Check air intake system connections and clamps	X	X	X	X	X	-	-	-	
Replace primary air filter			X		X	72622474	1	ea.	without self cleaning
Replace secondary air filter					X	72626310	1	ea.	without self cleaning
Replace primary air filter					X	72659201	1	ea.	with self cleaning
Replace secondary air filter					X	72659202	1	ea.	with self cleaning
Reset air filter in terminal			X		X	-	-	-	Reset only after changing filter
Clean radiator and coolers	X	X	X	X	X	-	-	-	
Check coolant level	X	X	X	X		ACP0320110	-	-	NOTE F
Check cooling system for leaks	X	X	X	X	X	-	-	-	
Change engine coolant					X	ACP0320110	23	jugs	NOTE F (holds 84 litres)
Adjust engine valve clearance						not necessary, hydraulic lifters are installed	-	-	-

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Transmission									
Check transmission oil level	X	X	X	X		NOTE B	-	-	AGCO 821 Extended Life
Replace transmission oil					X	NOTE B	90	litres.	AGCO 821 Extended Life
Transmission drain plug seal					X	72315106	1	ea.	Not used on units with No-Spill drainers installed
Replace transmission pressure filter	X		X		X	72659255	1	ea.	
Transmission filter o-ring	X		X		X	72313495	1	ea.	
Replace transmission suction filter					X	72621035	1	ea.	
Transmission suction filter o-ring					X	72424095	1	ea.	
Check rear final drive oil level	X		X	X		-	-	-	
Change rear final drive oil		X			X	NOTE C	36	litres.	80W90 (18 L per side)
Rear final drive seals		X			X	72315105	2	ea.	Not used on units with No-Spill drainers installed
Front Axle									
Check front axle oil level		X		X		NOTE B	-	-	AGCO 821 Extended Life
Change front axle oil	X		X		X	NOTE B	17	litres.	AGCO 821 Extended Life
Front axle oil drain plug seal	X		X		X	72376044	1	ea.	
Replace axle filter	X		X		X	72663318	1	ea.	
Replace axle filter o-ring kit	X		X		X	72313494	1	ea.	
Check front axle final drive oil level		X		X		-	-	-	
Change front axle final drive oils	X		X		X	NOTE C	10.4	litres.	80W90 (5.2 L per side)
Front axle final drive oil drain plug seal	X		X		X	72376044	1	ea.	Not used on units with No-Spill drainers installed
Hydraulic System									
Check the hydraulic oil level	X	X	X	X		NOTE B	-	-	AGCO 821 Extended Life
Change hydraulic oil					X	NOTE B	138	litres.	AGCO 821 Extended Life
Hydraulic oil drain seal					X	72315104	1	ea.	Not used on units with No-Spill drainers installed
Hydraulic oil drain seal					X	72493820	1	ea.	
Replace hydraulic return filter					X	72620607	1	ea.	
Replace hydraulic tank breather			X		X	72629564	1	ea.	
Replace hydraulic control filter					X	72493246	1	ea.	
Clean external pressure supply sieve filter					X	-	-	-	
Drain coupler ecology bottle	X	X	X	X	X	-	-	-	

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Cab									
Replace fresh air filter		X	X	X	X	72620540	1	ea.	
Replace recirculating air filter		X	X	X	X	72620539	2	ea.	
Clean the A/C condenser	X	X	X	X	X	-	-	-	
Check the A/C system operation	X	X	X	X	X	-	-	-	
Check the A/C compressor belt	X	X	X	X	X	-	-	-	
Check the cab mount hardware	X	X	X	X	X	-	-	-	
Fill window washer reservoir	X	X	X	X	X	-	-	-	Refill as needed
Compressed Air System									
Drain water from air system	X	X	X	X	X	-	-	-	
Compressed air function test	X	X	X	X	X	-	-	-	
Replace air drier filter			X		X	72437515	1	ea.	Without VarioGrip
Replace air drier filter			X		X	72437515	2	ea.	With VarioGrip
Electrical System									
Check lighting and signaling system and all monitoring and warning systems for correct operation	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 & weight hardware to specifications	X	X	X	X	X	-	-	-	
Check for loose hardware and linkages and check for leaks	X	X	X	X	X	-	-	-	
Check tire pressure	X	X	X	X	X	-	-	-	
Lubricate all grease points	X	X	X	X	X	79014728	1	ea.	NOTE E
Test drive for functions and braking	X	X	X	X	X	-	-	-	

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Lubricants and Oils Guide for Fendt Maintenance Schedule

NOTE A: AGCO 10W40. Jug (3.78L) = ACP0437310
 Pail (18.9L) = 72626361
 Bulk (in shop) = n/a
 Bulk (lube truck) = ACP0566460LT

NOTE B: AGCO Permatran 821XL Plus Extended Life: Jug (9.46L) = n/a
 Pail (18.9L) = 79036577
 Bulk (in shop) = 79035451L
 Bulk (lube truck) = 79035451LT

NOTE C: AGCO Gearlube 715 (80W-90): Jug (9.46L) = 79014722
 Pail (18.9L) = n/a
 Bulk (in shop) = 79014723L
 Bulk (lube truck) = 79014723LT

NOTE D: AGCO Gearlube 775 (85W-140): Jug (9.46L) = 79014724
 Pail (18.9L) = n/a
 Bulk (in shop) = 79022322L
 Bulk (lube truck) = 79022322LT

NOTE E: AGCO Multi Purpose EP-2 Lithium II: 79014728

NOTE F: Only use approved antifreeze when topping up or refilling.