

**FENDT 1000 Gen 2 Maintenance Schedule
(s/n prefix 536, 537, 538, 539)**

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	ACP0410280	1	ea.	Prior engine s/n: 52254560625458
Change fuel filter		X	X	X	X	72638609	1	ea.	Effective engine s/n: 52255861565582
Change Fuel prefilter		X	X	X	X	72614253	1	ea.	
Change fuel tank breather			X		X	ACP0225000	1	ea.	
Change DEF filter		X	X	X	X	ACP0153520	1	ea.	
Change DEF sensor filter			X		X	ACP0338340	1	ea.	
Change DEF sensor filter clip			X		X	ACP0338341	1	ea.	
Change DEF sensor filter o-ring			X		X	ACP0338342	1	ea.	
Change the DEF breather		X	X	X	X	72652667	1	ea.	
Change DEF inlet filter					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.	
Replace secondary air filter					X	72626310	1	ea.	
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			X		X	ACP0153600	1	ea.	Effective engine s/n: 52258930755903 valve adjustment no longer required as 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	ACW2095930	0	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		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	139	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.