

FENDT 900 Gen 7 Maintenance Schedule
(s/n prefix 968, 969, 970, 971, 972)

February 5, 2024
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 during DPF regeneration	X	X	X	X	X	-	-	-	
Complete stationary regeneration using Serdia BEFORE changing oil		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	72638610	1	ea.	
Change engine oil		X	X	X	X	NOTE A	43.5	litres.	AGCO 10W40 72626361 X2 & 79037310B X2
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	72652701	1	ea.	
Change DEF filter					X	72666873	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.	
Clean the DEF breather			X			72652667	0	ea.	
Check air intake system connections and clamps	X	X	X	X	X	-	-	-	
Replace primary air filter (without self cleaning)			X		X	72621102	1	ea.	
Replace secondary air filter (without self cleaning)					X	72621103	1	ea.	
Replace primary air filter (with self cleaning)					X	72659198	1	ea.	
Replace secondary air filter (with self cleaning)					X	72659199	1	ea.	

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Engine (continued)									
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	19	jugs	NOTE F (holds 70 litres)
Adjust engine valve clearance	not necessary, hydraulic lifters are installed					-	-	-	
Transmission									
Check transmission oil level	X	X	X	X		NOTE B	-	-	AGCO 821 Extended Life
Replace transmission oil					X	NOTE B	67	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 D	30	litres.	85W140 (15 L per side)
Rear final drive seals		X			X	ACW2078000	4	ea.	
Front PTO (if equipped)									
Front PTO oil drain plug seal	X		X		X	ACW2095910	0	ea.	
Front Axle									
Check front axle oil level	X	X		X		NOTE B	-	-	AGCO 821 Extended Life
Change front axle oil (without front PTO)	X		X		X	NOTE B	12.8	litres.	AGCO 821 Extended Life
Change front axle oil (with front PTO)	X		X		X	NOTE B	16.5	litres.	AGCO 821 Extended Life
Front axle oil drain plug seal	X		X		X	72376044	2	ea.	

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Front Axle (continued)									
Replace axle filter	X		X		X	72663318	-	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	11.3	litres.	80W90 (5.65 L per side)
Front axle final drive oil drain plug seal	X		X		X	72315103	4	ea.	
Hydraulic System									
Check the hydraulic oil level	X	X	X	X		NOTE B	-	-	AGCO 821 Extended Life
Change hydraulic oil					X	NOTE B	122	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	-	-	-	
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

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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 (without VarioGrip)			X		X	72631214	1	ea.	
Replace air drier filter (with VarioGrip)			X		X	72631214	2	ea.	
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	79014728B	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) = 79037310B Pail (18.9L) = 72626361 Bulk (in shop) = n/a Bulk (lube truck) = ACP0566460LT	USE TWO 18.9L PAILS & TWO 3.78L JUGS THIS IS CHEAPER THAN THREE PAILS
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:	79014728B	
NOTE F: Only use approved antifreeze when topping up or refilling.		