

FENDT 700 Gen 7 Maintenance Schedule
(s/n prefix 706, 707, 708, 709, 710)

May 30, 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 during DPF regeneration		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	ACX2824270	1	ea.	
Change engine oil		X	X	X	X	NOTE A	23.7	litres.	AGCO 10W40
Engine oil drain plug seal		X	X	X	X	V615881827	2	ea.	Not used on units with No-Spill drainers installed
Change fuel filters (main & prefilter)			X		X	ACX2618290	1	ea.	
Change engine CCV filter					X	ACX3595030	1	ea.	
Change DEF filter		X	X		X	ACP0594170	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	ACP0338342	1	ea.	
Change DEF breather					X	72652667	1	ea.	
Check air intake system connections and clamps	X	X	X	X	X	-	-	-	
Replace primary air filter & reset terminal display			X		X	72614248	1	ea.	
Replace secondary air filter & reset terminal display					X	72626309	1	ea.	
Clean radiator and coolers	X	X	X	X	X	-	-	-	
Check coolant level	X	X	X	X		79037044C	-	-	NOTE F

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Engine (continued)									
Check cooling system for leaks	X	X	X	X	X	-	-	-	
Change engine coolant					X	79037044C	4	jugs	NOTE F (holds 35 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	53	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	72659254	1	ea.	
Transmission filter o-ring	X		X		X	72313495	1	ea.	
Replace transmission suction filter					X	72312070	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 <i>(without VarioGrip)</i>		X			X	NOTE C	30	litres.	80W90 (15 L per side)
Change rear final drive oil <i>(with VarioGrip)</i>		X			X	NOTE C	27.4	litres.	80W90 (13.7 L per side)
Front PTO (if equipped)									
Check oil level in front PTO	X		X	X		NOTE B	-	-	AGCO 821 Extended Life
Change oil in front PTO		X			X	NOTE B	4.2	litres.	AGCO 821 Extended Life
Front PTO oil drain plug seal		X			X	72315104	2	ea.	
Replace front PTO filter		X			X	72317842	1	ea.	
Replace front PTO filter o-ring		X			X	72376561	1	ea.	

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Front Axle									
Check front axle oil level		X		X		NOTE C	-	-	80W90
Change front axle oil	X		X		X	NOTE C	7.9	litres.	80W90
Front axle oil drain plug seal	X		X		X	72315103	2	ea.	Not used on units with No-Spill drainers installed
Check front axle final drive oil level		X		X		-	-	-	
Change front axle final drive oils (without VarioGrip)	X		X		X	NOTE C	3.4	litres.	80W90 (1.7 L per side)
Change front axle final drive oils (with VarioGrip)	X		X		X	NOTE C	3.6	litres.	80W90 (1.8 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
Replace hydraulic oil					X	NOTE B	95	litres.	AGCO 821 Extended Life
Hydraulic oil drain seal					X	72313433	1	ea.	Not used on units with No-Spill drainers installed
Replace hydraulic return filter					X	72667193	1	ea.	
Replace hydraulic tank breather			X		X	72672008	1	ea.	
Replace hydraulic control filter			X		X	72630441	1	ea.	
Clean external pressure supply sieve filter					X	-	-	-	
Drain coupler ecology bottle	X	X	X	X	X	-	-	-	
Cab									
Replace fresh air filter (with CAT 4 cab)		X	X	X	X	72674286	1	ea.	
Replace fresh air filter (with CAT 2 cab)		X	X	X	X	72442539	1	ea.	
Replace recirculating air filters		X	X	X	X	72672009	2	ea.	
Clean the A/C condenser	X	X	X	X	X	-	-	-	

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Cab (continued)									
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 dryer cartridge (without VarioGrip)			X		X	72631214	1	ea.	
Replace air dryer cartridge (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	-	-	-	

