FENDT 900 Tier 3 Maintenance Schedule

Models: Fendt 900 T3 (Prior to 919-1011, 922-1006, 925-1010, 928-1013, 931-1009, 934-1083)

Job Description	Operating Hours					Part Number	Quantity	Unit	Description
	50	500	1000, 3000, 5000, 7000, 9000, 11000	1500, 2500, 3500, 4500, 5500, 6500, 7500, 8500, 9500	2000, 4000, 6000, 8000, 10000, 12000				
Engine									
Drain plug gasket	X	X	X	X	X	72439924	1	ea.	Gasket, M18x24
Drain plug gasket	X	X	X	X	X	72439925	1	ea.	Gasket, M24x29
Replace engine oil	X	X	X	X	X	NOTE A	38	litres.	Engine oil - 15W-40 API CJ-4 or higher (40 qts)
Replace engine oil filter	X	X	X	X	X	72437095	1	ea.	Oil filter
Replace fuel filter			X		X	72451949	1	ea.	Fuel filter and o-ring
Drain fuel pre-filter	X	X		X		-	-	-	As required - see maintenance manual
Replace fuel pre-filter			X		X	72452876	1	ea.	Fuel pre-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	72608872	1	ea.	Primary air filter
Replace engine air secondary filter					X	72437627	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		-	-	-	See operator manual
Replace coolant					X	79022730	30	litres.	50-50% mix of heavy duty diesel ethylene glycol/water mix (32 quarts)
Check engine belts	X	X	X	X	X	-	-	-	See maintenance manual
Check valve clearance	Adjust Valve clearances at 50, 1500, 3000, 4500, 6000, 7500, 9000, 10500, 12000, 13500, 15000, 16500, 18000, 19500 hour intervals					72451950	1	ea.	Valve cover gasket is needed. Use tool X899.980.236.030. Intake = 130° & Exhaust = 165°.

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Transmission									
Check fluid level for clutch/brake actuation	X	X	X	X	X	-	-	-	See operator manual
Replace fluid level for clutch/brake actuation					X	72313538	0.3	litres.	Pentosin CHF 11S (0.3 qt)
Change transmission oil					X	NOTE B	67	litres.	AGCO Permatran 821XL Plus Extended Life (71 quarts)
Drain plug (brake)					X	72315089	2	ea.	Gasket
Drain plug gasket (trans)					X	72315106	1	ea.	Gasket
Replace transmission pressure filter	X		X		X	72659254 or 72659255	1	ea.	NOTE: Some units have been converted to the longer filter
O-ring - filter	X		X		X	72313495	1	ea.	O-ring
Change transmission suction filter					X	72312070	1	ea.	Filter
O-ring - suction filter					X	72313504	1	ea.	O-ring
Check fluid level in transmission	X	X	X	X	X	-	-	-	See maintenance manual
Check oil level in rear final drives	X		X	X					
Change oil in rear final drives		X			X	NOTE E	32	litres.	85W-140 GL-5 gear oil (bar axles) (16 L each side) (34 quarts)
Drain plug gasket		X			X	72315102	2	ea.	Gasket
Front Axle & Front PTO (if equipped)									
Change oil in front differential/PTO	X		X		X	72315105	2	ea.	Gasket
Front PTO, changing oil	X		X		X	72315104	1	ea.	Gasket, front PTO drain
Front PTO, changing oil	X		X		X	72315100	1	ea.	Gasket, front PTO fill
Single circuit brake	X		X		X	NOTE C	34	litres.	AGCO Permatran 821XL (22 Series) (36 quarts)
Dual circuit brake	X		X		X	NOTE C	16	litres.	AGCO Permatran 821XL (22 Series) (17 quarts)

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Front Axle & Front PTO "continued"									
Additional oil quantity if front PTO is installed			X		X		3.5	litres.	AGCO Permatran 821XL (22 Series) (3.7 quarts)
Replace front axle pressure filter	X		X		X	72452405	1	ea.	Filter
Check oil level in front axle hubs		X		X		-	-	-	See maintenance manual
Change oil in front axle hubs	X		X		X	NOTE E	8	litres.	85W140 GL5 gear oil (4 L per
Drain plug gasket	X		X		X	72315103	2	ea.	Gasket
Check oil level in front axle		X		X		-	-	-	See maintenance manual
Check Toe-in	X	X	X	X	X	-	-	-	0 to -2 mm (0 to - 0.080")
Hydraulic System									
Check the hydraulic oil level	X	X		X		-	-	-	See operator manual
Change hydraulic oil			X		X	NOTE C	87	litres.	AGCO Permatran 821XL (92
Drain plug Gasket			X		X	72315104	1	ea.	O-ring
Change return line filter			X		X	72611718	1	ea.	Filter
Change vent filter			X		X	72364577	1	ea.	Filter
Change control pressure line filter			X		X	72452411	1	ea.	Filter
Check lift shaft lubrication oil	X				X	-	-	-	See operator manual
Cab									
Change fresh air filter			X		X	72438336	1	ea.	Filter
Change recirculating air filter			X		X	72454771	1	ea.	Filter
Check A/C compressor belt	X	X	X	X	X				
Windshield washer reservoir	X	X	X	X	X				refill as needed
Compressed Air System (if equipped)									
Operate tank drain valve	X	X	X	X	X	-	-	-	See maintenance manual - Operate drain valve to drain water.
Replace air dryer cartridge			X		X	72437515	0	ea.	Air system antifreeze

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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 necessairy	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	-	-	-	
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	X	X	X	X	X	-	-	-	

Lubricants and Oils Guide for Fendt Maintenance Schedule

NOTE A: AGCO 15W40.	Jug (10L) = 79036578 Pail (18.9L) = 79036579
NOTE B: AGCO Permatran 821XL Plus Extended Life:	Pail (18.9L) = 79036577
NOTE C: AGCO Permatran 821XL:	Jug (10L) = 79037108 Pail (18.9L) = 79037109
NOTE D: AGCO Gearlube 715 (80W-90):	Jug (10L) = 79014722
NOTE E: AGCO Gearlube 775 (85W-140):	Jug (10L) = 79014724
NOTE F: AGCO Multi Purpose EP-2 Lithium II: 79014728	