

SERVICE MANUAL

T9.435 / T9.480 / T9.530 / T9.565
T9.600 / T9.645 / T9.700

Tractor

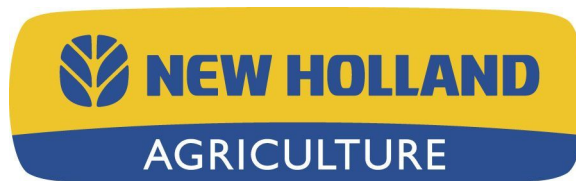
PIN ZFF403001 and above

Part number 47924553

1st edition English

October 2015





SERVICE MANUAL

T9.435 Heavy duty wheeled model [ZFF403001 -] , T9.480 Heavy duty wheeled model [ZFF403001 -] , T9.530 Heavy duty wheeled model [ZFF403001 -] , T9.530 Wheeled scraper model [ZFF403001 -] , T9.565 Heavy duty wheeled model [ZFF403001 -] , T9.600 Heavy duty wheeled model [ZFF403001 -] , T9.600 Wheeled scraper model [ZFF403001 -] , T9.645 Heavy duty wheeled [ZFF403001 -] , T9.645 Standard wheeled model [ZFF403001 -] , T9.645 Wheeled scraper model [ZFF403001 -] , T9.700 Heavy duty wheeled model [ZFF403001 -]

Link Product / Engine

Product	Market Product	Engine
T9.435 Heavy duty wheeled model [ZFF403001 -]	Europe	F2CFE614A*B
T9.480 Heavy duty wheeled model [ZFF403001 -]	Europe	F3HFE613G*B001
T9.530 Heavy duty wheeled model [ZFF403001 -]	Europe	F3HFE613B*B001
T9.530 Wheeled scraper model [ZFF403001 -]	Europe	F3HFE613B*B001
T9.565 Heavy duty wheeled model [ZFF403001 -]	Europe	F3HFE613B*B001
T9.600 Heavy duty wheeled model [ZFF403001 -]	Europe	F3DFE613J*B001
T9.600 Wheeled scraper model [ZFF403001 -]	Europe	F3DFE613J*B001
T9.645 Standard wheeled model [ZFF403001 -]	Europe	F3DFE613G*B001
T9.645 Heavy duty wheeled [ZFF403001 -]	Europe	F3DFE613G*B001
T9.645 Wheeled scraper model [ZFF403001 -]	Europe	F3DFE613G*B001
T9.700 Heavy duty wheeled model [ZFF403001 -]	Europe	F3DFE613F*B001

Contents

INTRODUCTION

Engine	10
[10.001] Engine and crankcase	10.1
[10.216] Fuel tanks	10.2
[10.202] Air cleaners and lines	10.3
[10.310] Aftercooler.....	10.4
[10.400] Engine cooling system	10.5
[10.414] Fan and drive	10.6
[10.500] Selective Catalytic Reduction (SCR) exhaust treatment.....	10.7
Power coupling	19
[19.110] Flywheel damper	19.1
Transmission	21
[21.113] Powershift transmission	21.1
[21.135] Powershift transmission external controls.....	21.2
[21.155] Powershift transmission internal components.....	21.3
Front axle system	25
[25.100] Powered front axle	25.1
[25.102] Front bevel gear set and differential	25.2
[25.310] Final drives	25.3
Rear axle system	27
[27.100] Powered rear axle.....	27.1
[27.106] Rear bevel gear set and differential	27.2
[27.120] Planetary and final drives	27.3
Power Take-Off (PTO)	31
[31.104] Rear electro-hydraulic control.....	31.1
[31.110] One-speed rear Power Take-Off (PTO)	31.2

[31.220] Gearbox	31.3
Brakes and controls	33
[33.110] Parking brake or parking lock	33.1
[33.202] Hydraulic service brakes	33.2
Hydraulic systems.....	35
[35.000] Hydraulic systems.....	35.1
[35.102] Pump control valves.....	35.2
[35.105] Charge pump.....	35.3
[35.106] Variable displacement pump	35.4
[35.204] Remote control valves	35.5
[35.220] Auxiliary hydraulic pump and lines	35.6
[35.300] Reservoir, cooler, and filters.....	35.7
[35.304] Combination pump units	35.8
[35.600] High flow hydraulics	35.9
Hitches, drawbars, and implement couplings.....	37
[37.100] Drawbars and towing hitches	37.1
Frames and ballasting	39
[39.100] Frame	39.1
[39.110] Drawbar and hitch assembly	39.2
Steering.....	41
[41.101] Steering control	41.1
[41.200] Hydraulic control components.....	41.2
[41.206] Pump	41.3
Cab climate control	50
[50.104] Ventilation	50.1
[50.200] Air conditioning	50.2
[50.300] Cab pressurizing system	50.3

Electrical systems	55
[55.000] Electrical system	55.1
[55.100] Harnesses and connectors.....	55.2
[55.301] Alternator.....	55.3
[55.302] Battery.....	55.4
[55.010] Fuel injection system.....	55.5
[55.014] Engine intake and exhaust system.....	55.6
[55.024] Transmission control system	55.7
[55.045] Front axle control system	55.8
[55.046] Rear axle control system.....	55.9
[55.048] Rear Power Take-Off (PTO) control system	55.10
[55.050] Heating, Ventilation, and Air-Conditioning (HVAC) control system.....	55.11
[55.051] Cab Heating, Ventilation, and Air-Conditioning (HVAC) controls.....	55.12
[55.404] External lighting	55.13
[55.522] Cab Power Take-Off (PTO) controls	55.14
[55.640] Electronic modules	55.15
[55.035] Remote control valve electric control	55.16
[55.130] Rear three-point hitch electronic control system	55.17
[55.988] Selective Catalytic Reduction (SCR) electrical system	55.18
[55.DTC] FAULT CODES.....	55.19
Platform, cab, bodywork, and decals.....	90
[90.100] Engine hood and panels	90.1
[90.102] Engine shields, hood latches, and trims	90.2
[90.124] Pneumatically-adjusted operator seat.....	90.3
[90.150] Cab.....	90.4
[90.151] Cab interior.....	90.5

**Thank you very much
for your reading.**

**Please click here to buy
After you pay.**

**Then, you can
download the complete
manual instantly.
No waiting.**