

SERVICE MANUAL

T8.320 / T8.350 / T8.380 /

T8.410 / T8.435

Continuously Variable Transmission (CVT)

Tractor

PIN ZERE04800 and above

Part number 47685455

1st edition English

May 2014



Link Product / Engine

Product	Market Product	Engine
T8.320 696110727 CVT TIER 4b [ZERE04800 -]	North America	F2CFE613G*B002
T8.350 696110737 CVT TIER 4b [ZERE04800 -]	North America	F2CFE614G*B003
T8.380 696110747 CVT TIER 4b [ZERE04800 -]	North America	F2CFE614D*B003
T8.410 696110757 CVT TIER 4b [ZERE04800 -]	North America	F2CFE614C*B003
T8.435 696110767 CVT TIER 4b [ZERE04800 -]	North America	F2CFE614A*B003

Contents

INTRODUCTION

Engine	10
[10.001] Engine and crankcase	10.1
[10.101] Cylinder heads	10.2
[10.202] Air cleaners and lines	10.3
[10.216] Fuel tanks	10.4
[10.218] Fuel injection system.....	10.5
[10.304] Engine lubrication system.....	10.6
[10.310] Aftercooler.....	10.7
[10.400] Engine cooling system	10.8
[10.414] Fan and drive	10.9
[10.500] Selective Catalytic Reduction (SCR) exhaust treatment.....	10.10
Power coupling	19
[19.100] Drive shaft.....	19.1
[19.110] Flywheel damper	19.2
[19.120] Drive shaft shield assembly	19.3
Transmission	21
[21.504] Continuously Variable Transmission (CVT)	21.1
[21.505] Continuously Variable Transmission (CVT) external controls.....	21.2
[21.506] Continuously Variable Transmission (CVT) lubrication system	21.3
[21.507] Continuously Variable Transmission (CVT) internal components.....	21.4
[21.900] Hydraulic pump drive.....	21.5
Four-Wheel Drive (4WD) system	23
[23.202] Electro-hydraulic control	23.1
[23.314] Drive shaft.....	23.2
Front axle system	25

[25.100] Powered front axle	25.1
[25.102] Front bevel gear set and differential	25.2
[25.108] Final drive hub, steering knuckles, and shafts	25.3
[25.122] Axle suspension control.....	25.4
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
[31.114] Two-speed rear Power Take-Off (PTO)	31.3
[31.146] Front Power Take-Off (PTO)	31.4
Brakes and controls	33
[33.110] Parking brake or parking lock	33.1
[33.202] Hydraulic service brakes	33.2
[33.220] Trailer brake hydraulic control.....	33.3
[33.224] Trailer brake pneumatic control	33.4
Hydraulic systems.....	35
[35.000] Hydraulic systems.....	35.1
[35.102] Pump control valves.....	35.2
[35.106] Variable displacement pump	35.3
[35.114] Three-point hitch control valve	35.4
[35.124] Three-point hitch hydraulic adjustment	35.5
[35.204] Remote control valves	35.6
[35.300] Reservoir, cooler, and filters.....	35.7
[35.304] Combination pump units	35.8
Pneumatic system	36

[36.100] Pneumatic system.....	36.1
Hitches, drawbars, and implement couplings.....	37
[37.110] Rear three-point hitch	37.1
[37.162] Front hitch	37.2
Steering.....	41
[41.101] Steering control	41.1
[41.200] Hydraulic control components.....	41.2
[41.206] Pump	41.3
Wheels.....	44
[44.520] Rear wheels	44.1
Cab climate control	50
[50.100] Heating	50.1
[50.200] Air conditioning.....	50.2
[50.300] Cab pressurizing system	50.3
Electrical systems	55
[55.010] Fuel injection system.....	55.1
[55.012] Engine cooling system	55.2
[55.014] Engine intake and exhaust system.....	55.3
[55.024] Transmission control system	55.4
[55.045] Front axle control system	55.5
[55.046] Rear axle control system.....	55.6
[55.050] Heating, Ventilation, and Air-Conditioning (HVAC) control system.....	55.7
[55.051] Cab Heating, Ventilation, and Air-Conditioning (HVAC) controls.....	55.8
[55.100] Harnesses and connectors.....	55.9
[55.130] Rear three-point hitch electronic control system	55.10
[55.201] Engine starting system	55.11
[55.301] Alternator.....	55.12
[55.302] Battery.....	55.13

It's a preview. You can download the full file by clicking the link below.

<https://shopservicemanual.com/>

Service Manuals from 2\$