

SERVICE MANUAL

T9.435 / T9.480 / T9.530 / T9.565

T9.600 / T9.645 / T9.700

Tier 4B (final)

Tractor

PIN JEEZ00000FF405001 and above

Part number 48193205

1st edition English
October 2017





SERVICE MANUAL

T9.435 CVT, TIER 4B [JEEZ00000FF405001 -], T9.435 Powershift, TIER 4B [JEEZ00000FF405001 -], T9.480 CVT, TIER 4B [JEEZ00000FF405001 -], T9.480 Powershift, TIER 4B [JEEZ00000FF405001 -], T9.530 CVT, TIER 4B [JEEZ00000FF405001 -], T9.530 CVT, scraper, TIER 4B [JEEZ00000FF405001 -], T9.530 Powershift, TIER 4B [JEEZ00000FF405001 -], T9.530 Powershift, scraper, TIER 4B [JEEZ00000FF405001 -], T9.565 CVT, TIER 4B [JEEZ00000FF405001 -], T9.565 Powershift, TIER 4B [JEEZ00000FF405001 -], T9.600 CVT, TIER 4B [JEEZ00000FF405001 -], T9.600 CVT, factory SmartTrax™, TIER 4B [JEEZ00000FF405001 -], T9.600 CVT, scraper, TIER 4B [JEEZ00000FF405001 -], T9.600 Powershift, TIER 4B [JEEZ00000FF405001 -], T9.600 Powershift, factory SmartTrax™, TIER 4B [JEEZ00000FF405001 -], T9.600 Powershift, scraper, TIER 4B [JEEZ00000FF405001 -], T9.645 Powershift, TIER 4B [JEEZ00000FF405001 -], T9.645 Powershift, factory SmartTrax™, TIER 4B [JEEZ00000FF405001 -], T9.645 Powershift, scraper, TIER 4B [JEEZ00000FF405001 -], T9.700 Powershift, TIER 4B [JEEZ00000FF405001 -], T9.700 Powershift, factory SmartTrax™, Tier 4B [JEEZ00000FF405001 -], T9.700 Powershift, scraper, TIER 4B [JEEZ00000FF405001 -]

Link Product / Engine

Product	Market Product	Engine
T9.435 Powershift, TIER 4B [JEEZ00000FF405001 -]	North America	F2CFE614A*B
T9.435 CVT, TIER 4B [JEEZ00000FF405001 -]	North America	F2CFE614A*B
T9.480 Powershift, TIER 4B [JEEZ00000FF405001 -]	North America	F3HFE613G*B001
T9.480 CVT, TIER 4B [JEEZ00000FF405001 -]	North America	F3HFE613G*B001
T9.530 Powershift, TIER 4B [JEEZ00000FF405001 -]	North America	F3HFE613B*B001
T9.530 Powershift, scraper, TIER 4B [JEEZ00000FF405001 -]	North America	F3HFE613B*B001
T9.530 CVT, TIER 4B [JEEZ00000FF405001 -]	North America	F3HFE613B*B001
T9.530 CVT, scraper, TIER 4B [JEEZ00000FF405001 -]	North America	F3HFE613B*B001
T9.565 Powershift, TIER 4B [JEEZ00000FF405001 -]	North America	F3HFE613B*B001
T9.565 CVT, TIER 4B [JEEZ00000FF405001 -]	North America	F3HFE613B*B001
T9.600 Powershift, TIER 4B [JEEZ00000FF405001 -]	North America	F3DFE613J*B001
T9.600 Powershift, scraper, TIER 4B [JEEZ00000FF405001 -]	North America	F3DFE613J*B001
T9.600 Powershift, factory SmartTrax™, TIER 4B [JEEZ00000FF405001 -]	North America	F3DFE613J*B001
T9.600 CVT, TIER 4B [JEEZ00000FF405001 -]	North America	F3DFE613J*B001
T9.600 CVT, scraper, TIER 4B [JEEZ00000FF405001 -]	North America	F3DFE613J*B001
T9.600 CVT, factory SmartTrax™, TIER 4B [JEEZ00000FF405001 -]	North America	F3DFE613J*B001
T9.645 Powershift, TIER 4B [JEEZ00000FF405001 -]	North America	F3DFE613G*B001
T9.645 Powershift, scraper, TIER 4B [JEEZ00000FF405001 -]	North America	F3DFE613G*B001
T9.645 Powershift, factory SmartTrax™, TIER 4B [JEEZ00000FF405001 -]	North America	F3DFE613G*B001
T9.700 Powershift, TIER 4B [JEEZ00000FF405001 -]	North America	F3DFE613F*B001
T9.700 Powershift, scraper, TIER 4B [JEEZ00000FF405001 -]	North America	F3DFE613F*B001
T9.700 Powershift, factory SmartTrax™, Tier 4B [JEEZ00000FF405001 -]	North America	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
[10.500] Selective Catalytic Reduction (SCR) exhaust treatment.....	10.4
[10.400] Engine cooling system	10.5
[10.414] Fan and drive	10.6
[10.310] Aftercooler.....	10.7
Power coupling	19
[19.100] Drive shaft.....	19.1
[19.110] Flywheel damper	19.2
Transmission	21
[21.113] Powershift transmission	21.1
[21.135] Powershift transmission external controls.....	21.2
[21.155] Powershift transmission internal components.....	21.3
[21.504] Continuously Variable Transmission (CVT)	21.4
[21.505] Continuously Variable Transmission (CVT) external controls.....	21.5
[21.506] Continuously Variable Transmission (CVT) hydraulic components	21.6
[21.507] Continuously Variable Transmission (CVT) internal components.....	21.7
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
[33.202] Hydraulic service brakes	33.1
[33.110] Parking brake or parking lock	33.2
Hydraulic systems.....	35
[35.000] Hydraulic systems.....	35.1
[35.300] Reservoir, cooler, and filters.....	35.2
[35.106] Variable displacement pump	35.3
[35.102] Pump control valves.....	35.4
[35.105] Charge pump.....	35.5
[35.304] Combination pump units	35.6
[35.204] Remote control valves	35.7
[35.600] High flow hydraulics	35.8
Hitches, drawbars, and implement couplings.....	37
[37.100] Drawbars and towing hitches	37.1
Frames and ballasting	39
[39.100] Frame	39.1
Steering.....	41
[41.101] Steering control	41.1
[41.200] Hydraulic control components.....	41.2
[41.206] Pump	41.3
Wheels	44
[44.511] Front wheels.....	44.1

[44.520] Rear wheels	44.2
Tracks and track suspension	48
[48.130] Track frame and driving wheels	48.1
[48.100] Tracks	48.2
[48.134] Track tension units	48.3
[48.138] Track rollers	48.4
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
[55.640] Electronic modules	55.3
[55.201] Engine starting system	55.4
[55.301] Alternator	55.5
[55.302] Battery	55.6
[55.010] Fuel injection system	55.7
[55.014] Engine intake and exhaust system	55.8
[55.988] Selective Catalytic Reduction (SCR) electrical system	55.9
[55.640] Electronic modules	55.10
[55.024] Transmission control system	55.11
[55.045] Front axle control system	55.12
[55.046] Rear axle control system	55.13
[55.522] Cab Power Take-Off (PTO) controls	55.14
[55.048] Rear Power Take-Off (PTO) control system	55.15
[55.035] Remote control valve electric control	55.16
[55.051] Cab Heating, Ventilation, and Air-Conditioning (HVAC) controls	55.17

[55.050] Heating, Ventilation, and Air-Conditioning (HVAC) control system.....	55.18
[55.130] Rear three-point hitch electronic control system	55.19
[55.DTC] FAULT CODES	55.20
Platform, cab, bodywork, and decals	90
[90.150] Cab	90.1
[90.151] Cab interior	90.2
[90.124] Pneumatically-adjusted operator seat	90.3
[90.100] Engine hood and panels	90.4
[90.102] Engine shields, hood latches, and trims	90.5

Thank you so much for reading.
Please click the “Buy Now!”
button below to download the
complete manual.



After you pay.

You can download the most
perfect and complete manual in
the world immediately.

Our support email:

ebooklibonline@outlook.com