

MAXXUM 110 EP
MAXXUM 115 EP
MAXXUM 120 EP
MAXXUM 125 EP
MAXXUM 130 EP
MAXXUM 140 EP

MAXXUM 110 Multicontroller EP
MAXXUM 115 Multicontroller EP
MAXXUM 120 Multicontroller EP
MAXXUM 125 Multicontroller EP
MAXXUM 130 Multicontroller EP
MAXXUM 140 Multicontroller EP

MAXXUM CVX 110
MAXXUM CVX 120
MAXXUM CVX 130

Tractor

SERVICE MANUAL

Part number 47665845

English

February 2014



SERVICE MANUAL



**MAXXUM 110 EP , MAXXUM 110 Multicontroller EP , MAXXUM 115 EP
, MAXXUM 115 Multicontroller EP , MAXXUM 120 EP , MAXXUM 120
Multicontroller EP , MAXXUM 125 EP , MAXXUM 125 Multicontroller EP ,
MAXXUM 130 EP , MAXXUM 130 Multicontroller EP , MAXXUM 140 EP ,
MAXXUM 140 Multicontroller EP , MAXXUM CVX 110 , MAXXUM CVX 120
, MAXXUM CVX 130**

Link Product / Engine

| Product | Market Product | Engine |
|-------------------------------|----------------|-------------|
| MAXXUM CVX 110 | Europe | F4DFE413C*A |
| MAXXUM CVX 120 | Europe | F4DFE413B*A |
| MAXXUM CVX 130 | Europe | F4DFE413A*A |
| MAXXUM 110 EP | Europe | F4DFE413E*A |
| MAXXUM 110 Multicontroller EP | Europe | F4DFE413C*A |
| MAXXUM 115 EP | Europe | F4DFE613F*A |
| MAXXUM 115 Multicontroller EP | Europe | F4DFE613F*A |
| MAXXUM 120 EP | Europe | F4DFE413D*A |
| MAXXUM 120 Multicontroller EP | Europe | F4DFE413B*A |
| MAXXUM 125 EP | Europe | F4DFE613E*A |
| MAXXUM 125 Multicontroller EP | Europe | F4DFE613E*A |
| MAXXUM 130 EP | Europe | F4DFE413C*A |
| MAXXUM 130 Multicontroller EP | Europe | F4DFE413A*A |
| MAXXUM 140 EP | Europe | F4DFE6132*A |
| MAXXUM 140 Multicontroller EP | Europe | F4DFE6132*A |

Contents

INTRODUCTION

| | |
|--|-------|
| Engine..... | 10 |
| [10.001] Engine and crankcase | 10.1 |
| [10.216] Fuel tanks | 10.2 |
| [10.218] Fuel injection system..... | 10.3 |
| [10.202] Air cleaners and lines | 10.4 |
| [10.250] Turbocharger and lines..... | 10.5 |
| [10.254] Intake and exhaust manifolds and muffler | 10.6 |
| [10.500] Selective Catalytic Reduction (SCR) exhaust treatment..... | 10.7 |
| [10.400] Engine cooling system | 10.8 |
| [10.414] Fan and drive | 10.9 |
| [10.310] Aftercooler..... | 10.10 |
| Clutch | 18 |
| [18.112] Slip clutch or flywheel damper | 18.1 |
| Transmission..... | 21 |
| [21.112] Power shuttle transmission..... | 21.1 |
| [21.134] Power shuttle transmission external controls | 21.2 |
| [21.154] Power shuttle transmission internal components | 21.3 |
| [21.111] Semi-Powershift transmission | 21.4 |
| [21.133] Semi-Powershift transmission external controls | 21.5 |
| [21.103] Semi-Powershift transmission lubrication system..... | 21.6 |
| [21.152] Semi-Powershift transmission internal components | 21.7 |
| [21.504] Continuously Variable Transmission (CVT) | 21.8 |
| [21.505] Continuously Variable Transmission (CVT) external controls..... | 21.9 |
| [21.506] Continuously Variable Transmission (CVT) lubrication system | 21.10 |
| [21.507] Continuously Variable Transmission (CVT) internal components..... | 21.11 |
| [21.160] Creeper | 21.12 |

| | |
|---|-----------|
| [21.166] Overdrive..... | 21.13 |
| 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 |
| [31.114] Two-speed rear Power Take-Off (PTO) | 31.2 |
| [31.116] Three-speed rear Power Take-Off (PTO) | 31.3 |
| [31.142] Front Power Take-Off (PTO) control | 31.4 |
| [31.146] Front Power Take-Off (PTO) | 31.5 |
| Brakes and controls | 33 |
| [33.202] Hydraulic service brakes | 33.1 |
| [33.110] Parking brake or parking lock | 33.2 |
| [33.204] Front axle brake..... | 33.3 |
| [33.220] Trailer brake hydraulic control..... | 33.4 |
| [33.224] Trailer brake pneumatic control | 33.5 |
| Hydraulic systems..... | 35 |
| [35.000] Hydraulic systems..... | 35.1 |

| | |
|--|-----------|
| [35.300] Reservoir, cooler, and filters..... | 35.2 |
| [35.104] Fixed displacement pump..... | 35.3 |
| [35.106] Variable displacement pump | 35.4 |
| [35.105] Charge pump..... | 35.5 |
| [35.322] Regulated/Low pressure system..... | 35.6 |
| [35.204] Remote control valves | 35.7 |
| [35.220] Auxiliary hydraulic pump and lines..... | 35.8 |
| [35.114] Three-point hitch control valve | 35.9 |
| [35.116] Three-point hitch cylinder | 35.10 |
| [35.160] Front hitch controls and lines | 35.11 |
| Hitches, drawbars, and implement couplings..... | 37 |
| [37.120] Rear three-point hitch linkage..... | 37.1 |
| Frames and ballasting | 39 |
| [39.100] Frame | 39.1 |
| Steering..... | 41 |
| [41.101] Steering control | 41.1 |
| [41.106] Tie rods..... | 41.2 |
| [41.200] Hydraulic control components..... | 41.3 |
| [41.206] Pump | 41.4 |
| [41.216] Cylinders | 41.5 |
| Wheels | 44 |
| [44.511] Front wheels..... | 44.1 |
| [44.520] Rear wheels..... | 44.2 |
| Cab climate control | 50 |
| [50.100] Heating | 50.1 |
| [50.104] Ventilation | 50.2 |
| [50.200] Air conditioning..... | 50.3 |
| Electrical systems | 55 |

| | |
|--|-------|
| [55.000] Electrical system | 55.1 |
| [55.100] Harnesses and connectors..... | 55.2 |
| [55.015] Engine control system..... | 55.3 |
| [55.301] Alternator..... | 55.4 |
| [55.302] Battery..... | 55.5 |
| [55.011] Fuel tank system | 55.6 |
| [55.988] Selective Catalytic Reduction (SCR) electrical system | 55.7 |
| [55.012] Engine cooling system | 55.8 |
| [55.640] Electronic modules | 55.9 |
| [55.513] Cab transmission controls..... | 55.10 |
| [55.024] Transmission control system..... | 55.11 |
| [55.020] Transmission speed sensors..... | 55.12 |
| [55.021] Transmission pressure sensors | 55.13 |
| [55.022] Transmission temperature sensors | 55.14 |
| [55.023] Transmission position sensors | 55.15 |
| [55.610] Ground speed control | 55.16 |
| [55.048] Rear Power Take-Off (PTO) control system | 55.17 |
| [55.031] Parking brake electrical system | 55.18 |
| [55.035] Remote control valve electric control | 55.19 |
| [55.051] Cab Heating, Ventilation, and Air-Conditioning (HVAC) controls..... | 55.20 |
| [55.050] Heating, Ventilation, and Air-Conditioning (HVAC) control system..... | 55.21 |
| [55.047] Steering control system | 55.22 |
| [55.130] Rear three-point hitch electronic control system | 55.23 |
| [55.911] Global Positioning System (GPS) | 55.24 |
| [55.405] External lighting switches and relays | 55.25 |
| [55.510] Cab or platform harnesses and connectors..... | 55.26 |
| [55.408] Warning indicators, alarms, and instruments | 55.27 |
| [55.DTC] FAULT CODES..... | 55.28 |

| | |
|---|------|
| Platform, cab, bodywork, and decals | 90 |
| [90.150] Cab | 90.1 |
| [90.100] Engine hood and panels | 90.2 |

Thank you so much for reading.

**Please click the “Buy Now!”
button below to download the
complete manual.**

Buy Now



After you pay.

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

Our support email:

ebooklibonline@outlook.com