

Magnum™ 250
Magnum™ 280
Magnum™ 310
Magnum™ 340
Magnum™ 380
Magnum™ 310 Rowtrac™
Magnum™ 340 Rowtrac™
Magnum™ 380 Rowtrac™
Continuously Variable Transmission (CVT)
Tractor
PIN ZFRF05001 and above

SERVICE MANUAL

Part number 47917643

1st edition English
September 2015





SERVICE MANUAL

Magnum™ 250 CVT TIER 4B [ZFRF05001 -] , Magnum™ 280 CVT TIER 4B [ZFRF05001 -] , Magnum™ 310 CVT TIER 4B [ZFRF05001 -] , Magnum™ 310 Rowtrac™ CVT TIER 4B [ZFRF05001 -] , Magnum™ 340 CVT TIER 4B [ZFRF05001 -] , Magnum™ 340 Rowtrac™ CVT TIER 4B [ZFRF05001 -] , Magnum™ 380 CVT TIER 4B [ZFRF05001 -] , Magnum™ 380 Rowtrac™ CVT TIER 4B [ZFRF05001 -]

Link Product / Engine

Product	Market Product	Engine
Magnum™ 250 CVT TIER 4B [ZFRF05001 -]	North America	F2CFE613G*B001
Magnum™ 280 CVT TIER 4B [ZFRF05001 -]	North America	F2CFE614G*B002
Magnum™ 310 CVT TIER 4B [ZFRF05001 -]	North America	F2CFE614D*B002
Magnum™ 340 CVT TIER 4B [ZFRF05001 -]	North America	F2CFE614C*B002
Magnum™ 380 CVT TIER 4B [ZFRF05001 -]	North America	F2CFE614A*B002
Magnum™ 310 Rowtrac™ CVT TIER 4B [ZFRF05001 -]	North America	F2CFE614D*B002
Magnum™ 340 Rowtrac™ CVT TIER 4B [ZFRF05001 -]	North America	F2CFE614C*B002
Magnum™ 380 Rowtrac™ CVT TIER 4B [ZFRF05001 -]	North America	F2CFE614A*B002

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
[10.254] Intake and exhaust manifolds and muffler	10.6
[10.304] Engine lubrication system.....	10.7
[10.310] Aftercooler.....	10.8
[10.400] Engine cooling system	10.9
[10.414] Fan and drive	10.10
[10.500] Selective Catalytic Reduction (SCR) exhaust treatment.....	10.11
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
[27.610] Rear axle track yoke assembly	27.4
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

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