

SERVICE MANUAL

Boomer™ 24 **Tier 4B (final)** Compact Tractor

Part number 47827505

1st edition English
January 2016





SERVICE MANUAL

Boomer™ 24

Link Product / Engine

Product	Market Product	Engine
Boomer™ 24 Boomer 24, 4-Wheel Drive, ROPS, HST	North America	S3L2

Contents

INTRODUCTION

Engine.....	10
[10.001] Engine and crankcase	10.1
[10.304] Engine lubrication system.....	10.2
[10.400] Engine cooling system	10.3
Transmission.....	21
[21.120] Gearbox.....	21.1
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
[25.310] Final drives	25.4
Rear axle system.....	27
[27.106] Rear bevel gear set and differential	27.1
[27.120] Planetary and final drives	27.2
Hydrostatic drive.....	29
[29.100] Transmission and steering hydrostatic control	29.1
[29.202] Hydrostatic transmission	29.2
[29.204] Reservoir, cooler, and lines	29.3
[29.218] Pump and motor components.....	29.4
Power Take-Off (PTO).....	31
[31.101] Rear mechanical control	31.1
[31.104] Rear electro-hydraulic control.....	31.2
[31.110] One-speed rear Power Take-Off (PTO)	31.3
[31.120] Central Power Take-Off (PTO)	31.4
Brakes and controls	33

[33.110] Parking brake or parking lock	33.1
[33.120] Mechanical service brakes	33.2
Hydraulic systems.....	35
[35.000] Hydraulic systems.....	35.1
[35.104] Fixed displacement pump.....	35.2
[35.114] Three-point hitch control valve	35.3
[35.116] Three-point hitch cylinder	35.4
[35.204] Remote control valves	35.5
[35.300] Reservoir, cooler, and filters.....	35.6
[35.350] Safety and main relief valves	35.7
Hitches, drawbars, and implement couplings.....	37
[37.110] Rear three-point hitch	37.1
Steering.....	41
[41.106] Tie rods.....	41.1
[41.200] Hydraulic control components.....	41.2
[41.216] Cylinders	41.3
Wheels	44
[44.511] Front wheels.....	44.1
[44.520] Rear wheels.....	44.2
Electrical systems	55
[55.000] Electrical system	55.1
[55.010] Fuel injection system.....	55.2
[55.011] Fuel tank system	55.3
[55.012] Engine cooling system	55.4
[55.013] Engine oil system	55.5
[55.031] Parking brake electrical system	55.6
[55.048] Rear Power Take-Off (PTO) control system	55.7
[55.100] Harnesses and connectors.....	55.8

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

<https://shopservicemanual.com/>

Service Manuals from 2\$