

SERVICE MANUAL

Boomer™ 40 Cab / Boomer™ 50 Cab **Compact Tractor**

*Boomer™ 40 - From PIN 0 to 2103012735; From PIN 2103012736 to 2106014859; PIN 2106014860 and above;
Boomer™ 50 - From PIN 0 to 2105012137; From PIN 2105012138 to 2105013791; PIN 2105013792 and above*

Part number 48017703

1st edition English
December 2016





SERVICE MANUAL

Boomer™ 40 4WD, Cab, Europe, Boomer™ 40 [0 - 2103012735] , Boomer™ 40 [2103012736 - 2106014859] , Boomer™ 40 [2106014860 -] , Boomer™ 50 4WD, Cab, Europe, Boomer™ 50 [0 - 2105012137] , Boomer™ 50 [2105012138 - 2105013791], Boomer™ 50 [2105013792 -]

Link Product / Engine

Product	Market Product	Engine
Boomer™ 40 4WD, Cab, Europe	Europe	S4Q2
Boomer™ 40 [0 - 2103012735]	Europe	S4Q2
Boomer™ 40 [2103012736 - 2106014859]	Europe	S4Q2
Boomer™ 40 [2106014860 -]	Europe	S4Q2
Boomer™ 50 4WD, Cab, Europe	Europe	S4Q2
Boomer™ 50 [0 - 2105012137]	Europe	S4Q2
Boomer™ 50 [2105012138 - 2105013791]	Europe	S4Q2
Boomer™ 50 [2105013792 -]	Europe	S4Q2

Contents

INTRODUCTION

Engine	10
[10.001] Engine and crankcase	10.1
[10.202] Air cleaners and lines	10.2
[10.206] Fuel filters	10.3
[10.218] Fuel injection system.....	10.4
[10.304] Engine lubrication system.....	10.5
[10.400] Engine cooling system	10.6
Clutch	18
[18.100] Clutch mechanical release control	18.1
[18.110] Clutch and components	18.2
[18.112] Slip clutch or flywheel damper	18.3
Transmission	21
[21.114] Mechanical transmission	21.1
[21.140] Mechanical transmission internal components.....	21.2
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
[25.310] 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

[29.218] Pump and motor components.....	29.3
Power Take-Off (PTO).....	31
[31.101] Rear mechanical control	31.1
[31.104] Rear electro-hydraulic control	31.2
[31.114] Two-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
[35.355] Hydraulic hand control	35.8
Hitches, drawbars, and implement couplings.....	37
[37.100] Drawbars and towing hitches	37.1
[37.108] Rear three-point hitch external controls.....	37.2
[37.110] Rear three-point hitch	37.3
Steering.....	41
[41.101] Steering control	41.1
[41.106] Tie rods.....	41.2
[41.200] Hydraulic control components.....	41.3
[41.216] Cylinders	41.4

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
[55.010] 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
[55.201] Engine starting system	55.9
[55.202] Cold start aid	55.10
[55.302] Battery	55.11
[55.404] External lighting	55.12
[55.405] External lighting switches and relays	55.13
[55.408] Warning indicators, alarms, and instruments	55.14
[55.525] Cab engine controls	55.15
[55.610] Ground speed control	55.16
[55.640] Electronic modules	55.17
Platform, cab, bodywork, and decals	90
[90.100] Engine hood and panels	90.1
[90.110] Operator platform less cab	90.2

[90.116] Fenders and guards 90.3

[90.120] Mechanically-adjusted operator seat..... 90.4

[90.150] Cab..... 90.5

[90.151] Cab interior..... 90.6

[90.154] Cab doors and hatches 90.7

[90.156] Cab windshield and windows 90.8

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