

SERVICE MANUAL

L221 / L228

Tier 4B (final)

200 Series Skid Steer Loader

PIN NGM418237 and above; PIN NHM435463 and above

C227 / C232 / C237

Tier 4B (final)

200 Series Compact Track Loader

PIN NGM418237 and above; PIN NHM435463 and above

Part number 48068128

1st edition English

January 2018





SERVICE MANUAL

**C227 TIER 4B (FINAL) [NGM418237 -], C227 TIER 4B (FINAL) [NHM435463 -],
C232 TIER 4B (FINAL) [NGM418237 -], C232 TIER 4B (FINAL) [NHM435463 -],
C237 TIER 4B (FINAL) [NHM435463 -], L221 TIER 4B (FINAL) [NGM418237 -],
L221 TIER 4B (FINAL) [NHM435463 -], L228 TIER 4B (FINAL) [NGM418237 -],
L228 TIER 4B (FINAL) [NHM435463 -]**

Link Product / Engine

Product	Market Product	Engine
C227 TIER 4B (FINAL) [NGM418237 -]	North America	F5HFL463A*F001
C227 TIER 4B (FINAL) [NHM435463 -]	North America	F5HFL463A*F001
C232 TIER 4B (FINAL) [NGM418237 -]	North America	F5HFL463A*F001
C232 TIER 4B (FINAL) [NHM435463 -]	North America	F5HFL463A*F001
C237 TIER 4B (FINAL) [NHM435463 -]	North America	F5HFL463A*F001
L221 TIER 4B (FINAL) [NGM418237 -]	North America	F5HFL463A*F001
L221 TIER 4B (FINAL) [NHM435463 -]	North America	F5HFL463A*F001
L228 TIER 4B (FINAL) [NGM418237 -]	North America	F5HFL463A*F001
L228 TIER 4B (FINAL) [NHM435463 -]	North America	F5HFL463A*F001

Contents

INTRODUCTION

Engine.....	10
[10.001] Engine and crankcase	10.1
[10.216] Fuel tanks	10.2
[10.400] Engine cooling system	10.3
[10.414] Fan and drive	10.4
[10.304] Engine lubrication system.....	10.5
Power coupling.....	19
[19.121] Pump-drive assembly	19.1
Front axle system	25
[25.450] Chain drive system.....	25.1
Rear axle system.....	27
[27.650] Chain drive system.....	27.1
Hydrostatic drive.....	29
[29.200] Mechanical control	29.1
[29.218] Pump and motor components.....	29.2
[29.202] Hydrostatic transmission	29.3
Brakes and controls	33
[33.110] Parking brake or parking lock	33.1
Hydraulic systems.....	35
[35.000] Hydraulic systems.....	35.1
[35.300] Reservoir, cooler, and filters.....	35.2
[35.104] Fixed displacement pump.....	35.3
[35.359] Main control valve.....	35.4
[35.525] Auxiliary hydraulic valves and lines	35.5
[35.600] High flow hydraulics.....	35.6

[35.724] Front loader hydraulic system control	35.7
[35.701] Front loader arm hydraulic system	35.8
[35.723] Front loader bucket hydraulic system	35.9
[35.734] Tool quick coupler hydraulic system	35.10
Frames and ballasting	39
[39.140] Ballasts and supports	39.1
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
[50.100] Heating	50.1
[50.200] Air conditioning	50.2
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
[55.019] Hydrostatic drive control system	55.5
[55.036] Hydraulic system control	55.6
[55.050] Heating, Ventilation, and Air-Conditioning (HVAC) control system	55.7
[55.051] Cab Heating, Ventilation, and Air-Conditioning (HVAC) controls	55.8
[55.100] Harnesses and connectors	55.9
[55.201] Engine starting system	55.10

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

<https://shopservicemanual.com/>

Service Manuals from 2\$