

SERVICE MANUAL

DI50C Tier 2 Crawler Dozer

PIN NDDC15000 and above; PIN NEDC15000 and above; PIN NFDC15000 and above

Part number 47907877

2nd edition English

October 2015

Replaces part number 47619947





SERVICE MANUAL

D150C Bulldozer (BD) Blade, Extra Long Track (XLT) - Non-regulated [NDDC15000 -] , D150C Bulldozer (BD) Blade, Extra Long Track (XLT) - Non-regulated [NEDC15000 -] , D150C Bulldozer (BD) Blade, Extra Long Track (XLT) - Non-regulated [NFDC15000 -] , D150C Power Angle Tilt (PAT) Blade, Extra Long Track (XLT) - Non-regulated [NDDC15000 -] , D150C Power Angle Tilt (PAT) Blade, Extra Long Track (XLT) - Non-regulated [NEDC15000 -] , D150C Power Angle Tilt (PAT) Blade, Extra Long Track (XLT) - Non-regulated [NFDC15000 -] , D150C Power Angle Tilt (PAT) Blade, Low Ground Pressure (LGP) - Non-regulated [NDDC15000 -] , D150C Power Angle Tilt (PAT) Blade, Low Ground Pressure (LGP) - Non-regulated [NEDC15000 -] , D150C Power Angle Tilt (PAT) Blade, Low Ground Pressure (LGP) - Non-regulated [NFDC15000 -]

Link Product / Engine

Product	Market Product	Engine
D150C Bulldozer (BD) Blade, Extra Long Track (XLT) - Non-regulated [NDDC15000 -]	Asia Pacific	F4HFA613M*E001
D150C Bulldozer (BD) Blade, Extra Long Track (XLT) - Non-regulated [NDDC15000 -]	Latin America	F4HFA613M*E001
D150C Bulldozer (BD) Blade, Extra Long Track (XLT) - Non-regulated [NDDC15000 -]	Middle East Africa	F4HFA613M*E001
D150C Bulldozer (BD) Blade, Extra Long Track (XLT) - Non-regulated [NDDC15000 -]	Australia New Zealand	F4HFA613M*E001
D150C Bulldozer (BD) Blade, Extra Long Track (XLT) - Non-regulated [NEDC15000 -]	Australia New Zealand	F4HFA613M*E001
D150C Bulldozer (BD) Blade, Extra Long Track (XLT) - Non-regulated [NEDC15000 -]	Latin America	F4HFA613M*E001
D150C Bulldozer (BD) Blade, Extra Long Track (XLT) - Non-regulated [NEDC15000 -]	Asia Pacific	F4HFA613M*E001
D150C Bulldozer (BD) Blade, Extra Long Track (XLT) - Non-regulated [NEDC15000 -]	Middle East Africa	F4HFA613M*E001
D150C Bulldozer (BD) Blade, Extra Long Track (XLT) - Non-regulated [NFDC15000 -]	Middle East Africa	F4HFA613M*E001
D150C Bulldozer (BD) Blade, Extra Long Track (XLT) - Non-regulated [NFDC15000 -]	Asia Pacific	F4HFA613M*E001
D150C Bulldozer (BD) Blade, Extra Long Track (XLT) - Non-regulated [NFDC15000 -]	Australia New Zealand	F4HFA613M*E001
D150C Bulldozer (BD) Blade, Extra Long Track (XLT) - Non-regulated [NFDC15000 -]	Latin America	F4HFA613M*E001
D150C Power Angle Tilt (PAT) Blade, Extra Long Track (XLT) - Non-regulated [NDDC15000 -]	Middle East Africa	F4HFA613M*E001
D150C Power Angle Tilt (PAT) Blade, Extra Long Track (XLT) - Non-regulated [NDDC15000 -]	Australia New Zealand	F4HFA613M*E001
D150C Power Angle Tilt (PAT) Blade, Extra Long Track (XLT) - Non-regulated [NDDC15000 -]	Asia Pacific	F4HFA613M*E001
D150C Power Angle Tilt (PAT) Blade, Extra Long Track (XLT) - Non-regulated [NDDC15000 -]	Latin America	F4HFA613M*E001

Product	Market Product	Engine
D150C Power Angle Tilt (PAT) Blade, Extra Long Track (XLT) - Non-regulated [NEDC15000 -]	Latin America	F4HFA613M*E001
D150C Power Angle Tilt (PAT) Blade, Extra Long Track (XLT) - Non-regulated [NEDC15000 -]	Middle East Africa	F4HFA613M*E001
D150C Power Angle Tilt (PAT) Blade, Extra Long Track (XLT) - Non-regulated [NEDC15000 -]	Asia Pacific	F4HFA613M*E001
D150C Power Angle Tilt (PAT) Blade, Extra Long Track (XLT) - Non-regulated [NEDC15000 -]	Australia New Zealand	F4HFA613M*E001
D150C Power Angle Tilt (PAT) Blade, Extra Long Track (XLT) - Non-regulated [NFDC15000 -]	Middle East Africa	F4HFA613M*E001
D150C Power Angle Tilt (PAT) Blade, Extra Long Track (XLT) - Non-regulated [NFDC15000 -]	Australia New Zealand	F4HFA613M*E001
D150C Power Angle Tilt (PAT) Blade, Extra Long Track (XLT) - Non-regulated [NFDC15000 -]	Asia Pacific	F4HFA613M*E001
D150C Power Angle Tilt (PAT) Blade, Extra Long Track (XLT) - Non-regulated [NFDC15000 -]	Latin America	F4HFA613M*E001
D150C Power Angle Tilt (PAT) Blade, Low Ground Pressure (LGP) - Non-regulated [NDDC15000 -]	Asia Pacific	F4HFA613M*E001
D150C Power Angle Tilt (PAT) Blade, Low Ground Pressure (LGP) - Non-regulated [NDDC15000 -]	Australia New Zealand	F4HFA613M*E001
D150C Power Angle Tilt (PAT) Blade, Low Ground Pressure (LGP) - Non-regulated [NDDC15000 -]	Latin America	F4HFA613M*E001
D150C Power Angle Tilt (PAT) Blade, Low Ground Pressure (LGP) - Non-regulated [NDDC15000 -]	Middle East Africa	F4HFA613M*E001
D150C Power Angle Tilt (PAT) Blade, Low Ground Pressure (LGP) - Non-regulated [NEDC15000 -]	Middle East Africa	F4HFA613M*E001
D150C Power Angle Tilt (PAT) Blade, Low Ground Pressure (LGP) - Non-regulated [NEDC15000 -]	Australia New Zealand	F4HFA613M*E001
D150C Power Angle Tilt (PAT) Blade, Low Ground Pressure (LGP) - Non-regulated [NEDC15000 -]	Asia Pacific	F4HFA613M*E001
D150C Power Angle Tilt (PAT) Blade, Low Ground Pressure (LGP) - Non-regulated [NEDC15000 -]	Latin America	F4HFA613M*E001
D150C Power Angle Tilt (PAT) Blade, Low Ground Pressure (LGP) - Non-regulated [NFDC15000 -]	Asia Pacific	F4HFA613M*E001

Product	Market Product	Engine
D150C Power Angle Tilt (PAT) Blade, Low Ground Pressure (LGP) - Non-regulated [NFDC15000 -]	Middle East Africa	F4HFA613M*E001
D150C Power Angle Tilt (PAT) Blade, Low Ground Pressure (LGP) - Non-regulated [NFDC15000 -]	Latin America	F4HFA613M*E001
D150C Power Angle Tilt (PAT) Blade, Low Ground Pressure (LGP) - Non-regulated [NFDC15000 -]	Australia New Zealand	F4HFA613M*E001

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
[10.304] Engine lubrication system.....	10.4
[10.310] Aftercooler.....	10.5
[10.400] Engine cooling system	10.6
[10.414] Fan and drive	10.7
Hydrostatic drive.....	29
[29.218] Pump and motor components.....	29.1
Brakes and controls	33
[33.110] Parking brake or parking lock	33.1
[33.202] Hydraulic service brakes	33.2
Hydraulic systems.....	35
[35.000] Hydraulic systems.....	35.1
[35.300] Reservoir, cooler, and filters.....	35.2
[35.104] Fixed displacement pump.....	35.3
[35.105] Charge pump.....	35.4
[35.359] Main control valve	35.5
[35.741] Dozer blade cylinders	35.6
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

[48.140] Dropbox and final drive	48.5
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
[55.011] Fuel tank system	55.2
[55.014] Engine intake and exhaust system.....	55.3
[55.015] Engine control system.....	55.4
[55.030] Service brake electrical system	55.5
[55.050] Heating, Ventilation, and Air-Conditioning (HVAC) control system.....	55.6
[55.100] Harnesses and connectors.....	55.7
[55.201] Engine starting system	55.8
[55.202] Cold start aid	55.9
[55.301] Alternator.....	55.10
[55.302] Battery.....	55.11
[55.408] Warning indicators, alarms, and instruments	55.12
[55.512] Cab controls.....	55.13
[55.518] Wiper and washer system.....	55.14
[55.DTC] FAULT CODES.....	55.15
Dozer blade and arm.....	86
[86.110] Dozer blade	86.1
[86.124] Dozer pushbeams and struts	86.2
Tools	89
[89.128] Ripper assembly	89.1
Platform, cab, bodywork, and decals	90
[90.160] Cab interior trim and panels.....	90.1

[90.124] Pneumatically-adjusted operator seat.....	90.2
[90.100] Engine hood and panels	90.3

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