

SERVICE MANUAL

DI25C Stage IIIB Crawler Dozer

PIN NDDC12500 and above; PIN NEDC12500 and above; PIN NFDC12500 and above

Part number 47907874
2nd edition English
October 2015
Replaces part number 47619935





SERVICE MANUAL

D125C Long Track (LT) [NDDC12500 -] , D125C Long Track (LT) [NEDC12500 -] , D125C Long Track (LT) [NFDC12500 -] , D125C Wide Track (WT) / Low Ground Pressure (LGP) [NDDC12500 -] , D125C Wide Track (WT) / Low Ground Pressure (LGP) [NEDC12500 -] , D125C Wide Track (WT) / Low Ground Pressure (LGP) [NFDC12500 -]

Link Product / Engine

Product	Market Product	Engine
D125C Long Track (LT) [NDDC12500 -]	Europe	F4HFE613F*A002
D125C Long Track (LT) [NEDC12500 -]	Europe	F4HFE613F*A002
D125C Long Track (LT) [NFDC12500 -]	Europe	F4HFE613F*A002
D125C Wide Track (WT) / Low Ground Pressure (LGP) [NDDC12500 -]	Europe	F4HFE613F*A002
D125C Wide Track (WT) / Low Ground Pressure (LGP) [NEDC12500 -]	Europe	F4HFE613F*A002
D125C Wide Track (WT) / Low Ground Pressure (LGP) [NFDC12500 -]	Europe	F4HFE613F*A002

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
[10.216] Fuel tanks	10.4
[10.304] Engine lubrication system.....	10.5
[10.310] Aftercooler.....	10.6
[10.400] Engine cooling system	10.7
[10.414] Fan and drive	10.8
[10.500] Selective Catalytic Reduction (SCR) exhaust treatment.....	10.9
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
[55.988] Selective Catalytic Reduction (SCR) electrical system	55.15
[55.DTC] FAULT CODES.....	55.16
Dozer blade and arm.....	86
[86.110] Dozer blade	86.1
[86.124] Dozer pushbeams and struts	86.2
Platform, cab, bodywork, and decals	90

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

<https://shopservicemanual.com/>

Service Manuals from 2\$