

2050M
Tier 2
Crawler Dozer
PIN NGC109000 and above

SERVICE MANUAL

Part number 48048572
1st edition English
April 2017





SERVICE MANUAL

**2050M Bulldozer (BD) Blade, Extra Long Track (XLT) - Tier 2 [NGC109000 -],
2050M Bulldozer (BD) Blade, Long Track (LT) - Tier 2 [NGC109000 -], 2050M
Bulldozer (BD) Blade, Low Ground Pressure (LGP) - Tier 2 [NGC109000 -],
2050M Power Angle Tilt (PAT) Blade, Low Ground Pressure (LGP) - Tier 2
[NGC109000 -], 2050M Power Angle Tilt (PAT) Blade, Long Track (LT) - Tier
2 [NGC109000 -], 2050M Power Angler Tilt (PAT) Blade, Extra Long Track
(XLT) - Tier 2 [NGC109000 -]**

Link Product / Engine

Product	Market Product	Engine
2050M Power Angle Tilt (PAT) Blade, Long Track (LT) - Tier 2 [NGC109000 -]	Asia Pacific	F4HFA613N*E002
2050M Power Angle Tilt (PAT) Blade, Long Track (LT) - Tier 2 [NGC109000 -]	Latin America	F4HFA613N*E002
2050M Power Angle Tilt (PAT) Blade, Long Track (LT) - Tier 2 [NGC109000 -]	Middle East Africa	F4HFA613N*E002
2050M Power Angle Tilt (PAT) Blade, Long Track (LT) - Tier 2 [NGC109000 -]	Australia New Zealand	F4HFA613N*E002
2050M Bulldozer (BD) Blade, Long Track (LT) - Tier 2 [NGC109000 -]	Australia New Zealand	F4HFA613N*E002
2050M Bulldozer (BD) Blade, Long Track (LT) - Tier 2 [NGC109000 -]	Middle East Africa	F4HFA613N*E002
2050M Bulldozer (BD) Blade, Long Track (LT) - Tier 2 [NGC109000 -]	Asia Pacific	F4HFA613N*E002
2050M Bulldozer (BD) Blade, Long Track (LT) - Tier 2 [NGC109000 -]	Latin America	F4HFA613N*E002
2050M Power Angler Tilt (PAT) Blade, Extra Long Track (XLT) - Tier 2 [NGC109000 -]	Asia Pacific	F4HFA613N*E002
2050M Power Angler Tilt (PAT) Blade, Extra Long Track (XLT) - Tier 2 [NGC109000 -]	Australia New Zealand	F4HFA613N*E002
2050M Power Angler Tilt (PAT) Blade, Extra Long Track (XLT) - Tier 2 [NGC109000 -]	Middle East Africa	F4HFA613N*E002
2050M Power Angler Tilt (PAT) Blade, Extra Long Track (XLT) - Tier 2 [NGC109000 -]	Latin America	F4HFA613N*E002
2050M Power Angle Tilt (PAT) Blade, Low Ground Pressure (LGP) - Tier 2 [NGC109000 -]	Australia New Zealand	F4HFA613N*E002
2050M Power Angle Tilt (PAT) Blade, Low Ground Pressure (LGP) - Tier 2 [NGC109000 -]	Latin America	F4HFA613N*E002
2050M Power Angle Tilt (PAT) Blade, Low Ground Pressure (LGP) - Tier 2 [NGC109000 -]	Asia Pacific	F4HFA613N*E002
2050M Power Angle Tilt (PAT) Blade, Low Ground Pressure (LGP) - Tier 2 [NGC109000 -]	Middle East Africa	F4HFA613N*E002
2050M Bulldozer (BD) Blade, Extra Long Track (XLT) - Tier 2 [NGC109000 -]	Latin America	F4HFA613N*E002

Product	Market Product	Engine
2050M Bulldozer (BD) Blade, Extra Long Track (XLT) - Tier 2 [NGC109000 -]	Australia New Zealand	F4HFA613N*E002
2050M Bulldozer (BD) Blade, Extra Long Track (XLT) - Tier 2 [NGC109000 -]	Asia Pacific	F4HFA613N*E002
2050M Bulldozer (BD) Blade, Extra Long Track (XLT) - Tier 2 [NGC109000 -]	Middle East Africa	F4HFA613N*E002
2050M Bulldozer (BD) Blade, Low Ground Pressure (LGP) - Tier 2 [NGC109000 -]	Asia Pacific	F4HFA613N*E002
2050M Bulldozer (BD) Blade, Low Ground Pressure (LGP) - Tier 2 [NGC109000 -]	Latin America	F4HFA613N*E002
2050M Bulldozer (BD) Blade, Low Ground Pressure (LGP) - Tier 2 [NGC109000 -]	Australia New Zealand	F4HFA613N*E002
2050M Bulldozer (BD) Blade, Low Ground Pressure (LGP) - Tier 2 [NGC109000 -]	Middle East Africa	F4HFA613N*E002

Contents

INTRODUCTION

Engine.....	10
[10.001] Engine and crankcase	10.1
[10.216] Fuel tanks	10.2
[10.206] Fuel filters	10.3
[10.202] Air cleaners and lines	10.4
[10.250] Turbocharger and lines.....	10.5
[10.254] Intake and exhaust manifolds and muffler	10.6
[10.400] Engine cooling system	10.7
[10.414] Fan and drive	10.8
[10.310] Aftercooler.....	10.9
[10.304] Engine lubrication system.....	10.10
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
[35.300] Reservoir, cooler, and filters.....	35.1
[35.104] Fixed displacement pump	35.2
[35.106] Variable displacement pump	35.3
[35.105] Charge pump.....	35.4
[35.359] Main control valve.....	35.5
[35.741] Dozer blade cylinders	35.6
[35.525] Auxiliary hydraulic valves and lines	35.7
[35.752] Hydraulic fan drive cooling system.....	35.8

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

<https://shopservicemanual.com/>

Service Manuals from 2\$