

62IF
72IF
Tier 4

Wheel Loader

from PIN NBF213602 and above

SERVICE MANUAL

Part number 84605841

1st edition English

May 2012

CASE
CONSTRUCTION

Contents

INTRODUCTION

Engine.....	10
Engine and crankcase.....	10.001
Air cleaners and lines.....	10.202
Engine lubrication system	10.304
Aftercooler.....	10.310
Engine cooling system	10.400
Fan and drive.....	10.414
Selective Catalytic Reduction (SCR) exhaust treatment	10.500
Engine generic sub-group	10.AAA
Transmission.....	21
Powershift transmission	21.113
Powershift transmission external controls	21.135
Powershift transmission internal components.....	21.155
Four-Wheel Drive (4WD) system	23
Drive shaft.....	23.314
Front axle system	25
Powered front axle	25.100
Front bevel gear set and differential.....	25.102
Final drive hub, steering knuckles, and shafts	25.108
Rear axle system.....	27
Powered rear axle	27.100
Rear bevel gear set and differential	27.106
Planetary and final drives.....	27.120
Brakes and controls	33
Hydraulic service brakes	33.202
Hydraulic systems.....	35

Hydraulic systems	35.000
Variable displacement pump	35.106
Pilot system.....	35.357
Main control valve	35.359
Auxiliary hydraulic valves and lines	35.525
Front loader arm hydraulic system	35.701
Steering.....	41
Auxiliary steering	41.910
Wheels	44
Front wheels.....	44.511
Cab climate control	50
Air conditioning	50.200
Electrical systems	55
Electrical system	55.000
Fuel tank system	55.011
Engine cooling system	55.012
Engine control system.....	55.015
Service brake electrical system	55.030
Parking brake electrical system	55.031
Hydraulic system control	55.036
Steering control system	55.047
Heating, Ventilation, and Air-Conditioning (HVAC) control system.....	55.050
Cab Heating, Ventilation, and Air-Conditioning (HVAC) controls.....	55.051
Harnesses and connectors	55.100
Engine starting system	55.201
Cold start aid	55.202
Alternator	55.301
Battery.....	55.302
External lighting	55.404

External lighting switches and relays	55.405
Warning indicators, alarms, and instruments	55.408
Loader arm and bucket control system	55.415
Cab/Platform harnesses and connectors	55.510
Cab controls	55.512
Cab lighting	55.514
Wiper/Washer system	55.518
Cab brake controls	55.519
Cab controls (Lift arm, Boom, Dipper, Bucket)	55.524
Selective Catalytic Reduction (SCR) electrical system	55.988
FAULT CODES	55.DTC
Platform, cab, bodywork, and decals	90
Pneumatically-adjusted operator seat	90.124
Cab	90.150



INTRODUCTION

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