

[Click here to get the complete manual](#)

**CX26B
CX30B
Series 2**
Mini Excavator

SERVICE MANUAL

Part number 84563194B

English

April 2014

Copyright © 2014 CNH Industrial Italia S.p.A. All Rights Reserved.

CASE
CONSTRUCTION



SERVICE MANUAL

**CX26B
CX30B**

Contents

INTRODUCTION

Engine.....	10
[10.001] Engine and crankcase	10.1
[10.102] Pan and covers	10.2
[10.106] Valve drive and gears	10.3
[10.101] Cylinder heads	10.4
[10.105] Connecting rods and pistons.....	10.5
[10.103] Crankshaft and flywheel.....	10.6
[10.216] Fuel tanks	10.7
[10.218] Fuel injection system.....	10.8
[10.202] Air cleaners and lines	10.9
[10.250] Turbocharger and lines.....	10.10
[10.254] Intake and exhaust manifolds and muffler	10.11
[10.400] Engine cooling system	10.12
[10.304] Engine lubrication system.....	10.13
Hydraulic systems.....	35
[35.000] Hydraulic systems.....	35.1
[35.300] Reservoir, cooler, and filters.....	35.2
[35.106] Variable displacement pump	35.3
[35.359] Main control valve	35.4
[35.355] Hydraulic hand control	35.5
[35.356] Hydraulic foot control.....	35.6
[35.352] Hydraulic swing system	35.7
[35.353] Hydraulic travel system	35.8
[35.354] Hydraulic central joint	35.9
[35.736] Boom hydraulic system	35.10
[35.737] Dipper hydraulic system.....	35.11

[35.738] Excavator and backhoe bucket hydraulic system	35.12
[35.739] Swing arm hydraulic system	35.13
[35.741] Dozer blade cylinders	35.14
Frames and ballasting	39
[39.101] Upper frame	39.1
[39.103] Swing ring assembly	39.2
[39.140] Ballasts and supports	39.3
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
Electrical systems	55
[55.000] Electrical system	55.1
[55.100] Harnesses and connectors	55.2
[55.015] Engine control system	55.3
[55.201] Engine starting system	55.4
[55.301] Alternator	55.5
[55.302] Battery	55.6
[55.011] Fuel tank system	55.7
[55.013] Engine oil system	55.8
[55.404] External lighting	55.9
[55.510] Cab or platform harnesses and connectors	55.10
Booms, dippers, and buckets	84
[84.114] Boom pivoting support	84.1
[84.910] Boom	84.2
[84.912] Dipper arm	84.3
[84.100] Bucket	84.4

Dozer blade and arm..... 86

 [86.110] Dozer blade 86.1

Platform, cab, bodywork, and decals..... 90

 [90.150] Cab..... 90.1

 [90.110] Operator platform less cab 90.2

 [90.114] Operator protections 90.3

 [90.105] Machine shields and guards 90.4

 [90.116] Fenders and guards..... 90.5