

# CX130 Crawler Excavators

## Table of Contents

DIVISION/SECTION	SECTION N°	REFERENCE N°
<b>1 GENERAL INFORMATION</b>		
Safety, general information and standard torque data .....	1001	7-27690GB
General specifications and special torque setting.....	1002	7-27715GB
<b>2 ENGINE</b>		
Removal and installation of the engine .....	2000	7-28220GB
Radiator and oil-cooler.....	2001	7-28040GB
Engine specifications .....	*	
Disassembly and assembly of the engine.....	*	
<b>3 FUEL SYSTEM</b>		
Fuel tank .....	3001	7-27970GB
Fuel engine system.....	*	
<b>4 ELECTRICAL SYSTEM</b>		
Electrical system, electrical and electronic troubleshooting.....	4001	7-27724GB
Inspection and maintenance of batteries and connecting a booster battery ....	4002	7-27921GB
Main and engine electronic control boxes.....	4003	7-27933GB
<b>5 UNDERCARRIAGE</b>		
Removal and installation of tracks .....	5001	7-27750GB
Removal and installation of a set of rubber tracks .....	5002	7-27760GB
Rollers.....	5003	7-27772GB
Sprocket.....	5004	7-27781GB
Idler wheel and tension shock absorber .....	5005	7-27803GB
<b>6 DRIVE TRAIN</b>		
Drive motor and final drive transmission removal and installation .....	6001	7-27841GB
Drive motor and final drive transmission disassembly and assembly.....	6002	7-28750GB
Swing reduction gear, removal and installation.....	6003	7-27830GB
Swing reduction gear, disassembly and assembly .....	6004	7-28000GB
<b>7 UNDERCARRIAGE HYDRAULICS</b>		
<b>8 UPPERSTRUCTURE HYDRAULICS</b>		
Depressurising and decontaminating the hydraulic system, use of the vacuum pump and bleeding the components .....	8000	7-27952GB
Specifications, troubleshooting, checks and hydraulic pressure settings .....	8001	7-27704GB
Hydraulic reservoir removal and installation .....	8002	7-27990GB
Main and pilot pumps, removal and installation .....	8003	7-27871GB
Main hydraulic control valve, removal and installation.....	8004	7-27880GB
Attachment cylinders, removal and installation .....	8005	7-27791GB
Hydraulic swivel, removal and installation .....	8006	7-27811GB
Pilot blocs, removal and installation.....	8007	7-28100GB
Swing motor, removal and installation .....	8008	7-28060GB
Main hydraulic pump, disassembly and assembly.....	8010	7-29770GB
Main hydraulic control valve, disassembly and assembly.....	8011	7-28200GB
Attachment cylinders, disassembly and assembly.....	8012	7-27902GB
Hand control levers, disassembly and assembly .....	8013	7-28110GB
Foot control levers, disassembly and assembly .....	8014	7-28300GB
Six-solenoid valves, disassembly and assembly .....	8015	7-27911GB
Caution valve, disassembly and assembly .....	8016	7-27942GB
Safety valve .....	8017	7-29631GB
Hydraulic swivel, disassembly and assembly .....	8018	7-28080GB
Swing motor, disassembly and assembly .....	8019	7-28011GB
Hydraulic functions.....	8020	7-28481GB

DIVISION/SECTION	SECTION N°	REFERENCE N°
<b>9 UPPERSTRUCTURE</b>		
Quick coupler .....	9000	9-93630GB
Upperstructure, turntable and counterweight .....	9002	7-27982GB
Boom, dipper and bucket .....	9003	7-27963GB
Seat and seat belt .....	9004	7-28120GB
Cab and cab equipment .....	9005	7-28022GB
Air conditioning troubleshooting .....	9006	9-88730GB
Air conditioning unit disassembly and assembly .....	9007	██████████
Air conditioning servicing .....	9008	██████████
Air conditioning components .....	9009	██████████
Large format electrical schematic .....	Pocket	9-88430
Large format hydraulic schematic .....	Pocket	9-88380
Hydraulic schematic with dozer blade (Huchida pump) .....	Pocket	7-29592
Hydraulic schematic with dozer blade (Kawasaki pump) .....	Pocket	9-54670

\* *Consult the Engine Service Manual*

██████████ *Sections to be distributed at a later date*

NOTE: CNH Company reserves the right to make changes in the specification and design of the machine without prior notice and without incurring any obligation to modify units previously sold.

The description of the models shown in this manual has been made in accordance with the technical specifications known as of the date of design of this document.

# Section

# 1001

## SAFETY, GENERAL INFORMATION AND TORQUE SPECIFICATIONS