

CX180 Crawler Excavators

Table of Contents

DIVISION/SECTION	SECTION N°	REFERENCE N°
1 GENERAL INFORMATION		
Safety, general information and standard torque data	1001	7-27690GB
General specifications and special torque setting.....	1002	7-27714GB
2 ENGINE		
Removal and installation of the engine	2000	7-28220GB
Radiator and oil-cooler	2001	7-28040GB
Engine specifications	*	
Disassembly and assembly of the engine.....	*	
3 FUEL SYSTEM		
Fuel tank	3001	7-27970GB
Fuel engine system.....	*	
4 ELECTRICAL SYSTEM		
Electrical system, electrical and electronic troubleshooting	4001	7-27723GB
Inspection and maintenance of batteries and connecting a booster battery ...	4002	7-27921GB
Main and engine electronic control boxes.....	4003	7-27932GB
5 UNDERCARRIAGE		
Removal and installation of tracks	5001	7-27750GB
Rollers	5003	7-27771GB
Sprocket.....	5004	7-27781GB
Idler wheel and tension shock absorber	5005	7-27802GB
6 DRIVE TRAIN		
Drive motor and final drive transmission removal and installation	6001	7-27841GB
Drive motor and final drive transmission disassembly and assembly	6002	7-28090GB
Swing reduction gear, removal and installation.....	6003	7-29900GB
Swing reduction gear, disassembly and assembly	6004	7-28370GB
7 UNDERCARRIAGE HYDRAULICS		
8 UPPERSTRUCTURE HYDRAULICS		
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	7-27703GB
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	7-28130GB
Swing motor, removal and installation	8008	7-29890GB
Main hydraulic pump, disassembly and assembly	8010	9-35490FR
Main hydraulic control valve, disassembly and assembly.....	8011	7-28200FR
Attachment cylinders, disassembly and assembly.....	8012	7-27901GB
Hand control levers, disassembly and assembly	8013	7-28110GB
Foot control levers, disassembly and assembly	8014	7-28300FR
Six-solenoid valves, disassembly and assembly	8015	7-27911GB
Caution valve, disassembly and assembly	8016	7-27942GB
Safety vave	8017	7-29631GB
Hydraulic swivel, disassembly and assembly	8018	7-28080GB
Swing motor, disassembly and assembly	8019	7-28010GB
Hydraulic functions.....	8020	7-28481GB

9 UPPERSTRUCTURE

Upperstructure, turntable and counterweight.....	9002	7-27982GB
Boom, dipper and bucket.....	9003	7-27962GB
Seat and seat belt.....	9004	7-28120GB
Cab and cab equipment.....	9005	7-28022GB
Air conditioning troubleshooting.....	9006	██████████
Air conditioning unit disassembly and assembly.....	9007	██████████
Air conditioning servicing.....	9008	██████████
Air conditioning components.....	9009	██████████
Large format electrical schematics.....	Pocket	9-88430
Large format hydraulic schematics.....	Pocket	9-88380

* *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**

TABLE OF CONTENTS

GENERAL INFORMATION	3
SAFETY	4
STANDARD TORQUE DATA FOR CAP SCREWS AND NUTS.....	6



WARNING : *This symbol is used in this manual to indicate important safety messages. Whenever you see this symbol, carefully read the message that follows, as there is a risk of serious injury.*

GENERAL INFORMATION

Cleaning

Clean all metal parts except bearings, in a suitable cleaning solvent or by steam cleaning. Do not use caustic soda for steam cleaning. After cleaning, dry and put oil on all parts. Clean oil passages with compressed air. Clean bearings in a suitable cleaning solvent, dry the bearings completely and put oil on the bearings.

Inspection

Check all parts when the parts are disassembled. Replace all parts that have wear or damage. Small scoring or grooves can be removed with a hone or crocus cloth. Complete a visual inspection for indications of wear, pitting and their replacement of parts necessary to prevent early failures.

Bearings

Check bearings for easy action. If bearings have a loose fit or rough action replace the bearing. Wash bearings with a suitable cleaning solvent and permit to air dry. **DO NOT DRY BEARINGS WITH COMPRESSED AIR.**

Needle bearings

Before you press needle bearings in a bore always remove any metal protrusions in the bore or edge of the bore. Before you press bearings into position put petroleum jelly on the inside and outside diameter of the bearings.

Gears

Check all gears for wear and damage. Replace gears that have wear or damage.

Oil seals, O-rings and gaskets

Always install new oil seals, O-rings and gaskets. Put petroleum jelly on seals and O-rings.

Shafts

Check all shafts that have wear or damage. Check the bearing and oil seal surfaces of the shafts for damage.

Service parts

Always install genuine Case service parts. When ordering refer to the Parts Catalog for the correct part number of the genuine Case replacement items. Failures due to the use of other than genuine Case replacement parts are not covered by warranty.

Lubrication

Only use the oils and lubricants specified in the Operator's or Service Manuals. Failures due to the use of non-specified oils and lubricants are not covered by warranty.

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