

CRAWLER EXCAVATOR CX800B SERVICE MANUAL

TABLE OF CONTENTS

DIVISION/SECTION	SECTION N°	REFERENCE N°
1 GENERAL INFORMATION		
Safety, general information and standard torque data.....	1001	7-27691EN
General specifications and special torque setting	1002	SM800B1002-1EN
2 ENGINE		
Removal and installation of the engine.....	2000	SM800B2000-0EN
Removal and installation of the fuel cooler, engine inter-cooler, radiator and oil cooler	2001	SM800B2001-0EN
Removal and installation of the turbo charger	2004	SM700B2004-0EN
Removal and installation of EGR cooler and EGR valve	2005	SM700B2005-0EN
Removal and installation of the engine hood.....	2006	SM700B2006-0EN
Engine specifications.....	*	
Disassembly and assembly of the engine	*	
3 FUEL SYSTEM		
Removal and installation of the fuel tank.....	3001	SM700B3001-0EN
Removal and installation of the supply pump and common rail	3004	SM800B3004-0EN
Removal and installation of the injectors	3005	SM800B3005-0EN
Fuel engine system	*	
4 ELECTRICAL SYSTEM		
Service connector kit	4000	SM350B4000-1EN
Electrical and engine functions and service support	4001	SM700B4001-1EN
Removal and installation of the starter motor	4004	SM700B4004-0EN
Removal and installation of the alternator	4005	SM700B4005-0EN
Electrical equipment & electrical circuit diagrams	4020	SM800B4020-0EN
Engine error code (DTC)	4021	SM700B4021-0EN
Main body error code (DTC).....	4022	SM700B4022-0EN
Troubleshooting, 6WG1 engine	4023	SM700B4023-0EN
5 UNDERCARRIAGE		
Removal and installation of tracks	5001	SM700B5001-0EN
Rollers	5003	SM800B5003-0EN
Take-up roller	5005	SM700B5005-0EN
6 DRIVE TRAIN		
Removal and installation of the drive motor and final drive transmission.....	6001	SM800B6001-0EN
Disassembly and assembly of the drive motor and final drive transmission.....	6002	SM800B6002-0EN
Removal and installation of the swing motor and swing reduction gear	6003	SM800B6003-0EN
Disassembly and assembly of the swing reduction gear	6004	SM800B6004-0EN
7 UNDERCARRIAGE HYDRAULICS		

* Consult the Engine Service Manual

DIVISION/SECTION	SECTION N°	REFERENCE N°
8 UPPERSTRUCTURE HYDRAULICS		
Specifications, troubleshooting, checks and hydraulic pressure settings.....	8001	SM800B8001-1EN
Removal and installation of the hydraulic reservoir	8002	SM800B8002-0EN
Removal and installation of the main hydraulic pump.....	8003	SM700B8003-0EN
Removal and installation of the main hydraulic control valve.....	8004	SM800B8004-0EN
Removal and installation of the attachment cylinders.....	8005	SM800B8005-0EN
Removal and installation of the hydraulic swivel.....	8006	SM700B8006-0EN
Removal and installation of the pilot blocs.....	8007	SM700B8007-0EN
Disassembly and assembly of the main hydraulic pump	8010	SM700B8010-0EN
Disassembly and assembly of the main hydraulic control valve	8011	SM700B8011-0EN
Disassembly and assembly of the attachment cylinders	8012	SM800B8012-0EN
Disassembly and assembly of the hand control levers	8013	SM130B8013-0EN
Disassembly and assembly of the foot control levers	8014	SM800B8014-0EN
Disassembly and assembly of the cushion valve.....	8016	SM700B8016-0EN
Removal and installation of the safety valve.....	8017	SM800B8017-0EN
Disassembly and assembly of the swing motor	8019	SM700B8019-0EN
Hydraulic functions	8020	SM700B8020-0EN
Hydraulic component functions.....	8030	SM700B8030-1EN
9 UPPERSTRUCTURE		
Removal and installation of the counterweight	9002	SM800B9002-0EN
Removal and installation of the boom, dipper and bucket	9003	SM800B9003-0EN
Removal and installation of the seat.....	9004	SM130B9004-0EN
Removal and installation of the cab and cab equipment	9005	SM130B9005-0EN
Air conditioner functions and troubleshooting.....	9006	SM700B9006-1EN
Air conditioning unit	9007	SM800B9007-0EN
Air conditioning components.....	9009	SM700B9009-0EN
Removal and installation of the attachment, counterweight and side frame.....	9010	SM800B9010-0EN
Large size hydraulic schematics	Pocket	KUJ11060-E03
Large size electrical schematics	Pocket	KWR10070-E04

NOTE: CNH France S.A. 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.

All data given in this manual is subject to production variations. Dimensions and weights are provided with approximate values and the machine fitting shown in the illustrations may not correspond with standard models. For precise information on specific machine models and versions, please contact your CASE dealer.

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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

Cleanning

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 the 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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