

CRAWLER EXCAVATOR CX290B 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	SM290B1002-1EN
2 ENGINE		
Removal and installation of the engine.....	2000	SM290B2000-0EN
Removal and installation of the fuel cooler, engine inter-cooler, radiator and oil cooler.....	2001	SM290B2001-0EN
Removal and installation of the turbo charger	2004	SM290B2004-0EN
Removal and installation of EGR cooler and EGR valve.....	2005	SM350B2005-0EN
Removal and installation of the engine hood.....	2006	SM350B2006-0EN
Engine specifications.....*		
Disassembly and assembly of the engine	*	
3 FUEL SYSTEM		
Removal and installation of the fuel tank.....	3001	SM290B3001-0EN
Removal and installation of the supply pump and common rail	3004	SM290B3004-0EN
Removal and installation of the injectors	3005	SM350B3005-0EN
Fuel engine system	*	
4 ELECTRICAL SYSTEM		
Service connector kit.....	4000	SM350B4000-1EN
Electrical and engine functions and service support	4001	SM210B4001-2EN
Removal and installation of the starter motor.....	4004	SM290B4004-0EN
Removal and installation of the alternator	4005	SM350B4005-0EN
Electrical equipment and electrical circuit diagrams.....	4020	SM210B4020-1EN
Engine error code (DTC)	4021	SM350B4021-0EN
Main body error code (DTC).....	4022	SM210B4022-0EN
Troubleshooting, 6HK1 engine	4023	SM350B4023-0EN
5 UNDERCARRIAGE		
Removal and installation of tracks	5001	SM290B5001-0EN
Rollers	5003	SM290B5003-0EN
Take-up roller.....	5005	SM290B5005-0EN
Removal and installation of grease cylinder	5006	SM290B5006-0EN
Disassembly and assembly of grease cylinder.....	5007	SM290B5007-0EN
6 DRIVE TRAIN		
Removal and installation of the drive motor and final drive transmission.....	6001	SM350B6001-0EN
Disassembly and assembly of the drive motor and final drive transmission.....	6002	SM350B6002-0EN
Removal and installation of the swing motor and swing reduction gear	6003	SM290B6003-0EN
Disassembly and assembly of the swing reduction gear	6004	SM350B6004-0EN
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	SC290B8001-0EN
Removal and installation of the hydraulic reservoir	8002	SM290B8002-0EN
Removal and installation of the main hydraulic pump.....	8003	SM350B8003-0EN
Removal and installation of the main hydraulic control valve.....	8004	SM290B8004-0EN
Removal and installation of the attachment cylinders.....	8005	SM350B8005-0EN
Removal and installation of the hydraulic swivel.....	8006	SM290B8006-0EN
Removal and installation of the pilot blocs.....	8007	SM290B8007-0EN
Disassembly and assembly of the main hydraulic pump	8010	SM290B8010-0EN
Disassembly and assembly of the main hydraulic control valve	8011	SM350B8011-0EN
Disassembly and assembly of the attachment cylinders	8012	SM130B8012-0EN
Disassembly and assembly of the hand control levers	8013	SM130B8013-0EN
Disassembly and assembly of the foot control levers	8014	SM160B8014-0EN
Disassembly and assembly of the cushion valve.....	8016	SM290B8016-0EN
Removal and installation of the safety valve.....	8017	SM350B8017-0EN
Disassembly and assembly of the hydraulic swivel	8018	SM290B8018-0EN
Disassembly and assembly of the swing motor	8019	SM290B8019-0EN
Hydraulic functions	8020	SC290B8020-0EN
Hydraulic component functions.....	8030	SC290B8030-0EN
9 UPPERSTRUCTURE		
Removal and installation of the counterweight	9002	SM290B9002-0EN
Removal and installation of the boom, dipper and bucket	9003	SM350B9003-0EN
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	SC210B9006-3EN
Air conditioning unit	9007	SM130B9007-0EN
Air conditioning components.....	9009	SM290B9009-0EN
Large size hydraulic schematics	Pocket	87600999A
Large size electrical schematics	Pocket	87601005A

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.

Reproduction or translation, even partial, is prohibited without written authorization from CNH France SA Company.

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