

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

## CRAWLER EXCAVATOR CX135SR TIER 3 SERVICE MANUAL

### TABLE OF CONTENTS

DIVISION/SECTION	SECTION N°	REFERENCE N°
<b>1 GENERAL INFORMATION</b>		
Safety, general information and standard torque data.....	1001	7-27691EN
General specifications and special torque setting .....	1002	SC135SR1002-1EN
<b>2 ENGINE</b>		
Removal and installation of the engine.....	2000	SM135SR2000-0EN
Engine specifications.....	*	
Disassembly and assembly of the engine .....	*	
<b>3 FUEL SYSTEM</b>		
Removal and installation of the fuel tank.....	3001	SM135SR3001-0EN
Fuel engine system .....	*	
<b>4 ELECTRICAL SYSTEM</b>		
Electrical and engine functions and service support.....	4001	SC135SR4001-1EN
<b>5 UNDERCARRIAGE</b>		
Removal and installation of tracks .....	5001	SM75SR5001-0EN
Rollers .....	5003	SM135SR5003-0EN
Take-up roller.....	5005	SM135SR5005-0EN
<b>6 DRIVE TRAIN</b>		
Removal and installation of the drive motor and final drive transmission.....	6001	SM135SR6001-0EN
Disassembly and assembly of the drive motor and final drive transmission.....	6002	SM135SR6002-0EN
Removal and installation of the swing motor and swing reduction gear .....	6003	SM135SR6003-0EN
Disassembly and assembly of the swing reduction gear .....	6004	SM135SR6004-0EN
<b>7 UNDERCARRIAGE HYDRAULICS</b>		

\* Consult the Engine Service Manual

DIVISION/SECTION	SECTION N°	REFERENCE N°
<b>8    UPPERSTRUCTURE HYDRAULICS</b>		
Specifications, troubleshooting, checks and hydraulic pressure settings.....	8001	SC135SR8001-1EN
Removal and installation of the hydraulic reservoir .....	8002	SM135SR8002-0EN
Removal and installation of the main hydraulic pump.....	8003	SM135SR8003-0EN
Removal and installation of the main hydraulic control valve.....	8004	SM135SR8004-0EN
Removal and installation of the attachment cylinders.....	8005	SM135SR8005-0EN
Removal and installation of the hydraulic swivel.....	8006	SM135SR8006-0EN
Removal and installation of the pilot blocs.....	8007	SM75SR8007-0EN
Disassembly and assembly of the main hydraulic pump .....	8010	SM135SR8010-0EN
Disassembly and assembly of the main hydraulic control valve .....	8011	SM135SR8011-0EN
Disassembly and assembly of the attachment cylinders .....	8012	SM135SR8012-0EN
Disassembly and assembly of the hand control levers .....	8013	SM75SR8013-0EN
Disassembly and assembly of the foot control levers .....	8014	SM135SR8014-0EN
Disassembly and assembly of the solenoid valve block .....	8015	SM75SR8015-0EN
Disassembly and assembly of the cushion valve .....	8016	SM135SR8016-0EN
Disassembly and assembly of the hydraulic swivel .....	8018	SM135SR8018-0EN
Disassembly and assembly of the swing motor .....	8019	SM135SR8019-0EN
Hydraulic functions .....	8020	SC135SR8020-1EN
Hydraulic component functions.....	8030	SC135SR8030-0EN
<b>9    UPPERSTRUCTURE</b>		
Air conditioning unit .....	9007	SM75SR9007-0EN
Large size hydraulic schematics .....	Pocket	87746256A
Large size hydraulic schematics - 2PC and dozer blade .....	Pocket	KMJ12340-12350
Large size electrical schematics .....	Pocket	87746249A

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.