

310SJ Backhoe Loader Repair



REPAIR TECHNICAL MANUAL

Backhoe Loaders models 310SJ (S.N. 159760-)

TM10849 22 DEC 15 (ENGLISH)

For complete service information also see:

JLink (MTG) Technical Manual	TM114519
310SJ Backhoe Loader Diagnostic	TM10848
Alternators and Starting Motors	CTM77
PowerTech E 4.5 and 6.8L Diesel Engines Level 16 Electronic Fuel System With Denso HPCR	CTM502
PowerTech 4.5L & 6.8L Diesel Engines Level 12 Electronic Fuel System With Stanadyne DE10 Pump	CTM331
Super Caddy Oil Cleanup Procedure	CTM103519
120 Series Hydraulic Cylinders	CTM114319
120 Series Hydraulic Cylinders	CTM109319
125 Series Hydraulic Cylinders	CTM104
PowerTech 4.5L & 6.8L Diesel Engines Tier 1/Stage I, Tier 2/Stage II, Tier 3/Stage IIIA, Tier 3/Stage IIA Tier 3/Stage III, (Base Engine)	CTM103519
100 Series Hydraulic Cylinders	CTM10006
JDLINK/ZXLINK Machine Monitoring System	

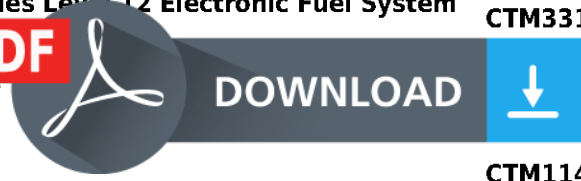


Table of contents

FOREWORD

TECHNICAL INFORMATION FEEDBACK FORM

Section 00 - GENERAL INFORMATION

Group 0001 - Safety Information

Group 0003 - Torque Values

Section 01 - WHEELS

Group 0110 - Powered or Non-Powered Wheels and Fastenings

Section 02 - AXLES AND SUSPENSION SYSTEMS

Group 0225 - Input Drive Shafts and U-Joints

Group 0230 - Non-Powered Wheel Axles

Group 0240 - Powered Wheel Axle (MFWD)

Group 0250 - Axle Shaft, Bearings, and Reduction Gears

Section 03 - TRANSMISSION

Group 0300 - Removal and Installation

Group 0315 - Controls Linkage

Group 0350 - Gears, Shafts, and Power Shift Clutches

Group 0360 - Hydraulic System

Section 04 - ENGINE

Group 0400 - Removal and Installation

Section 05 - ENGINE AUXILIARY SYSTEMS

Group 0505 - Cold Weather Starting Aid

Group 0510 - Cooling System

Group 0515 - Speed Controls

Group 0520 - Intake System

Group 0530 - Exhaust System

Group 0560 - External Fuel Supply System

Section 06 - TORQUE CONVERTER

Group 0651 - Turbine, Gears and Shaft

Section 09 - STEERING SYSTEM

Group 0960 - Hydraulic System

Section 10 - SERVICE BRAKES

Group 1011 - Active Elements

Group 1060 - Hydraulic System

Section 11 - PARK BRAKE

Group 1111 - Active Elements

Section 17 - FRAME OR SUPPORTING STRUCTURE

Group 1740 - Frame Installation

Group 1749 - Chassis Weights

Section 18 - OPERATOR'S STATION

Group 1800 - Removal and Installation

Group 1810 - Operator Enclosure

Group 1821 - Seat and Seat Belt

Group 1830 - Heating and Air Conditioning

Section 19 - SHEET METAL AND STYLING

Group 1910 - Hood and Engine Enclosure

Group 1913 - Miscellaneous Shields

Group 1921 - Grille and Grille Housing

Group 1927 - Fenders

Section 20 - SAFETY, CONVENIENCE AND MISCELLANEOUS

Group 2001 - Radio

Group 2004 - Horn and Warning Devices

Section 21 - MAIN HYDRAULIC SYSTEM

Group 2160 - Hydraulic System

Section 31 - LOADER

Group 3100 - Loader

Group 3102 - Bucket

Group 3104 - Attachment Coupler

Group 3115 - Control Linkages

Group 3160 - Hydraulic System

Section 33 - BACKHOE

Group 3302 - Bucket

Group 3315 - Control Linkage

Group 3340 - Frames

Group 3360 - Hydraulic System

Section 38 - GRAPPLE

Group 3800 - Hydraulic Thumb

Group 3860 - Hydraulic Thumb Cylinder

Section 99 - DEALER FABRICATED TOOL

Group 9900 - Dealer Fabricated Tool



Thank you very much
for your reading.
Please click here
to get more information.