

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

SD 300

Shop Manual

950106-00443

Serial Number 1001 and Up (Tier II)

July 2011

DISD reserves the right to improve our products in a continuing process to provide the best possible product to the market place. These improvements can be implemented at any time with no obligation to change materials on previously sold products. It is recommended that consumers periodically contact their distributors for recent documentation on purchased equipment.

This documentation may include attachments and optional equipment that is not available in your machine's package. Please call your distributor for additional items that you may require.

Illustrations used throughout this manual are used only as a representation of the actual piece of equipment, and may vary from the actual item.

TABLE OF CONTENTS

Safety

Wheel Loader Safety	S0103010K
---------------------------	-----------

Specifications

Specifications for SD 300.....	SP002339
--------------------------------	----------

General Maintenance

General Maintenance Procedures.....	S0302000
Standard Torques.....	S0309000

Upper Structure

Counterweight.....	SP002340
Hydraulic Oil Tank	SP002341

Lower Structure and Chassis

Center Joint (Articulation Joint).....	SP002342
--	----------

Engine and Drive Train

Engine.....	SP002472
Front Axle	SP002343
Rear Axle	SP002344
Air Conditioner.....	SP002345
Transmission and Torque Converter	SP002346

Hydraulics

Cylinders.....	SP002347
Main Pump.....	SP002348
Steer Pump.....	SP002349
Main Control Valve.....	SP002351
Pilot Control Valve	SP002352
Priority Valve	SP002353
Steering Unit.....	SP002354
Hydraulic Schematic (SD 300).....	SP002355

Brake

Brake System SP002350

Parking System..... SP002358

Electrical System

Electrical System SP002356

Electrical Schematic (SD 300)..... SP002357

Attachments