

Solar 210W-V

Shop Manual

023-00064E

Serial Number 1001 and Up

Solar 210W-V

Serial Number 1001 and Up

Pub.No. 023-00064E



Product Label



Instructions

**Trim Out The Label Along
The Lines And Insert Into
Pocket On The Binder Spine**

TABLE OF CONTENTS

Safety

Wheel Excavator Safety	S0102025K
------------------------------	-----------

Specifications

Specifications for Solar 210W-V	S0202045K
---------------------------------------	-----------

General Maintenance

General Maintenance Procedures	S0302000
Standard Torques	S0309000

Upper Structure

Cab	S0402040K
Counterweight.....	S0403015K
Fuel Tank.....	S0405075K
Fuel Transfer Pump	S0405500
Swing Bearing.....	S0407010
Swing Reduction Gearbox	S0408040

Lower Structure and Chassis

Ram Lock Valve Operation.....	S0503000
-------------------------------	----------

Engine and Drive Train

Front Axle	S0602100
Transmission (ZF 2HL-100).....	S0602110
Air-Conditioner	S0605060K
Drive Coupling (Main Pump).....	S0609000

Hydraulics

Hydraulic System Troubleshooting, Testing and Adjustment	S0702115K
Accumulator.....	S0703010K

Center Joint (Swivel).....	S0704070
Cylinders.....	S0705000
Swing Motor.....	S0707250
Travel Motor.....	S0707350
Main Pump (With Regulator, Steering Pump and Brake Pump).....	S0708430
Brake Supply Valve	S0709220
Counterbalance Valve	S0709300
Main Control Valve (Toshiba DX28)	S0709440
Pilot Control Valve (Work Lever / Joystick).....	S0709451K
Steering Valve	S0709710
Dozer Control Valve.....	S0709905K
Hydraulic Schematic (Solar 210W-V)	S0792101K

Electrical System

Electrical System	S0802125K
Electrical Schematic (Solar 210W-V).....	S0892101K

Attachments

Boom and Arm.....	S0902080
Bucket.....	S0904000

Publication Request for Proposed Revision

SAFETY



WHEEL EXCAVATOR SAFETY



CAUTION!

Follow all safety recommendations and safe shop practices outlined in the front of this manual or those contained within this section.

Always use tools and equipment that is in good working order.

Use lifting and hoisting equipment capable of safely handling load.

Remember, that ultimately safety is your own personal responsibility.

MODEL	SERIAL NUMBER RANGE
Solar 140W-V	1001 and Up
Solar 160W-V	1001 and Up
Solar 180W-V	1001 and Up
Solar 210W-V	1001 and Up

TABLE OF CONTENTS

To the Operator of a Daewoo Excavator 3

General Safety Essentials 6

Location of Safety Labels 6

Summary of Safety Precautions for Lifting in Digging Mode 7

Unauthorized Modifications 8

General Hazard Information 8

Before Starting Engine 17

Machine Operation 20

Maintenance 25

Battery 33

Towing 35

Shipping and Transportation 36

Lifting With Sling..... 36

TO THE OPERATOR OF A DAEWOO EXCAVATOR



DANGER!

Unsafe use of the excavator could lead to serious injury or death. Operating procedures, maintenance and equipment practices or traveling or shipping methods that do not follow the safety guidelines on the following pages could cause serious, potentially fatal injuries or extensive damage to the machine or nearby property.

Please respect the importance of taking responsibility for your own safety, and that of other people who may be affected by your actions.

The safety information on the following pages is organized into the following sections:

1. "General Safety Essentials" on page 6
2. "Location of Safety Labels" on page 6
3. "Summary of Safety Precautions for Lifting in Digging Mode" on page 7
4. "Unauthorized Modifications" on page 8
5. "General Hazard Information" on page 8
6. "Before Starting Engine" on page 17
7. "Machine Operation" on page 20
8. "Maintenance" on page 25
9. "Battery" on page 33
10. "Towing" on page 35
11. "Shipping and Transportation" on page 36
12. "Lifting With Sling" on page 36

**Thank you very much
for your reading.**

**Please click here and go
back to the website.**

**Then, you can
download the complete
manual instantly.**

No waiting.