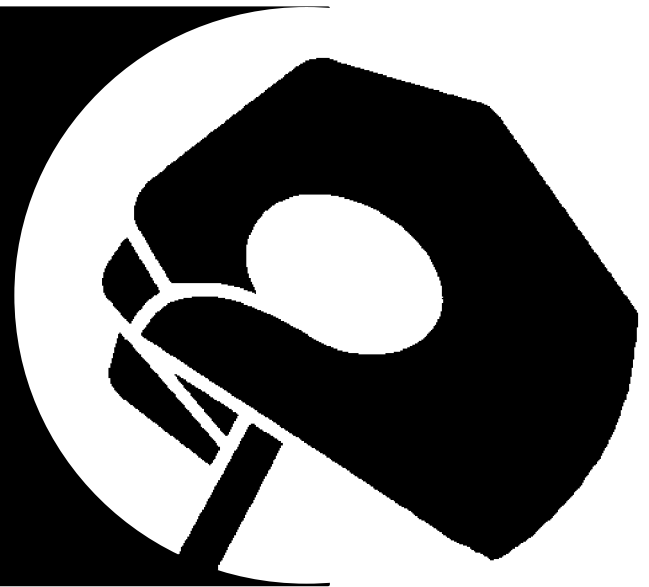


848G Skidder



Technical Manual



John Deere Dubuque Works
TM1898 (Dec00)

ENGLISH

0. General Information

0010 How To Use This Book	0010 - 1
1. Serial Numbers	0010 - 1
2. Component Numbers	0010 - 1
3. Page Layout	0010 - 2
4. Abbreviations	0010 - 4
0020 Chapters and Sections Contents	0020 - 2
0030 Foreword and Warranty	0030 - 1
1. Foreword	0030 - 1
2. Customer Feedback	0030 - 4
3. Modifications or Repairs to Roll-over Protective Structures (ROPS)	0030 - 5
4. Non-approved Field Product Changes	0030 - 6
5. Sound Information	0030 - 7
6. Registered Trade Marks	0030 - 7
7. Warranty	0030 - 7
0040 Safety Information	0040 - 2
1. General	0040 - 2
2. Safety Symbol	0040 - 2
3. Understanding Signal Words	0040 - 2
4. Skidder Safety Features	0040 - 3
5. General Safety Precautions	0040 - 4
6. Operating Safety Precautions	0040 - 8
7. Servicing Safety Precautions	0040 - 16
8. Transporting on Public Roads	0040 - 27
9. Fire Prevention	0040 - 29
10. What to Do if the Machine Catches Fire	0040 - 30
11. Safety Signs	0040 - 31

11.1 848G Skidder Safety Decals	0040 - 31
0060 General - Component Locators	0060 - 1
1. General	0060 - 1
2. Component Locators	0060 - 2
2.1 Engine Compartment Locator	0060 - 2
2.2 Hydraulic Component Locator	0060 - 4
2.3 Electrical Component Locator	0060 - 5
2.4 Power Train Component Locator	0060 - 6
2.5 Cab Component Locator	0060 - 7
2.6 Frames Component Locator	0060 - 8
2.7 Tree Handling Component Locator	0060 - 9
0070 Towing / Transporting the Skidder	0070 - 1
1. Towing Over a Short Distance	0070 - 1
2. Releasing the Brakes	0070 - 2
3. Towing Procedure	0070 - 4
4. Transporting the Skidder	0070 - 5
5. Driving the Skidder on the Road	0070 - 6
0080 Repairs	0080- 1
1. Troubleshooting Techniques	0080- 1
2. Welding	0080- 2
3. Hydraulics	0080- 3
4. Storage	0080- 4
4.1 Preparing Machine for Storage	0080- 4
4.2 Monthly Storage Procedure	0080- 6
5. Periodic Maintenance Checklist	0080- 7

0010 How To Use This Book

1. Serial Numbers

This Manual covers the following range of 848G Skidder serial numbers:

2. Component Numbers

The manual is divided into Chapters. Chapter 1, for example, details the engine system and includes the engine mounting, cooling system, coupling, exhaust and air intake systems. Each chapter starts with a Table of Contents giving details and page references.

Each Chapter is further divided into smaller sections. Each section is identified with a unique number that relates to the warranty system. For example, all parts used in the engine air intake system are found under section 1700.

3. Page Layout

At the top of each page are two sets of numbers.

The 'page' number (A), at the outside corner, consists of the four digit section number followed by the page number in that section. Each section is numbered sequentially from one. For example, 1800 - 3, would be the third page of Section 1800, Exhaust System.

The 'Issue' number (B) also comprises two sets of numbers separated by a hyphen. The first numbers identify the issue date of that section of the manual. The numbers following the hyphen are the issue number of the section and are used to control updating in the field. For example, 06/2000 - 02, would indicate Revision 2, released June, 2000.

At the bottom of each page is a model identification and the type of manual (C). The model identification may identify a unique product or a range of products (848G Service Manual for example).

3. Page Layout

Issue
12/2000-01

Page
1100 - 1

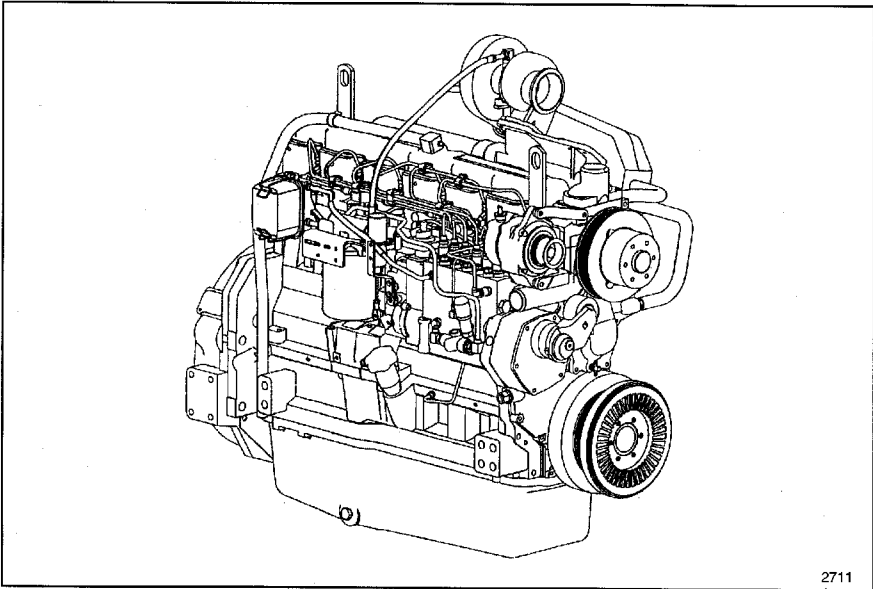
1100 Engine

B

A

1. Description and Operation

1.1 General



The primary source of power for the skidder is a turbocharged, aftercooled, six cylinder John Deere engine.

Model	John Deere 6081AF
Cylinders	6
Displacement	8.1 Liters (496 cu. in.)
Rated Power (HP)	149 Kw (200 HP) @ 2200 RPM

The engine is mounted in front of the operator cab and provides power directly to the transmission via a flex-plate connector and hydrostatic torque converter system.

Power to the hydraulic pump and the transmission charge pump is mechanically transmitted around the torque converter. The air conditioning compressor is belt driven from the cooling fan hub.

848G Skidder Service Manual

C

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