

The CASE logo is displayed in white, bold, italicized capital letters. It is positioned on a black trapezoidal background that tapers to the left. A horizontal orange bar is located directly beneath the letters.

REPAIR MANUAL
GRADER
845DHP
865VHP/865AWD
885/885AWD
TIER 3

71114197 NA

Issued 01 July 08



REPAIR MANUAL

GRADER

845DHP

865VHP/865AWD

885/885AWD

TIER 3

CNH America, LLC reserves the right to make improvements in design or changes in specifications at any time without incurring any obligation to install them on units previously sold.

All data given in this publication is subject to production variations. Dimensions and weights are only approximate. Illustrations do not necessarily show products in standard condition. For exact information about any particular product, please consult your Dealer

This unit first became available 07-2008			
REVISION HISTORY			
Issue	Issue Date	Applicable Machines	Remarks
First Edition	01July 08	845DHP-865VHP-865AWD-885-885AWD Tier 3 Grader	71114197 NA

**845DHP
865VHP & 865VHP(AWD)
885 & 885(AWD)
GRADER
Repair Manual
71114197**

Table of Contents

Description	Section Number	Publication Form Number
General		Tab 1
Section Index - General		6-46520
Standard Torque Specifications	1001	6-46530
Fluids and Lubricants 845DHP, 865VHP, 865VHP/AWD, 885, 885AWD	1002	6-46540
Metric Conversion Chart	1003	6-46550
Service Tools	1005	6-46560
Loctite Product Chart		8-98902
Engine		Tab 2
Section Index – Engines TIER 3		6-46441
For Engine Repair, See the Engine Service Manual	2000	6-46551
Charge Air Cooler	2001	6-46560
Fuel System		Tab 3
Section Index - Fuel System	3001	6-46590
Electrical		Tab 4
Section Index - Electrical		6-42221
Removal and Installation of Starter and Alternator	4001	6-42321
Electrical Diagram Only models w / o traction	4002	6-46621
Electrical Diagram Only AWD models	4003	6-42331
Battery	4004	6-42330
Alternator 80 Ampere	4008	6-42361

Steering		Tab 5
Section Index - Steering		6-46660
Front Wheel, Axle and Wheel Lean	5002	6-46681
Steering Control Valve(845DHP, 865VHP, 865VHP/AWD, 885, 885AWD)	5003	6-46691
Steering Priority Valve(845DHP,865VHP,865VHP/AWD, 885, 885AWD)	5004	6-46701

Power Train		Tab 6
Section Index - Power Train		6-46741
Transmission Specifications, Pressure Checks and Troubleshooting	6002	6-46751
((845DHP - 865VHP - 865VHP AWD - 885 - 885AWD)		
Transmission	6003	6-75350
(845DHP - 865VHP - 865VHP AWD - 885 - 885AWD)		
Front Drive Axle (865VHP/AWD and 885 AWD)	6007	6-46760
Transmission Gear Box (Wheel Reductor) for Front Drive Axle (865VHP/AWD and 885 AWD)	6008	6-46770
Front Axle (845DHP/ 865VHP/ 885)	6009	6-46780
Rear Axle GRAZIANO 845DHP(OPT)(865VHP and 865VHP/AWD)	6010	6- 46781
Rear Axle GRAZIANO (885 and 885 AWD)	6011	6-46790
Rear Axle GRAZIANO (845DHP)	6012	6-46791
Tandem for rear axle Graziano (845DHP, 865VHP, 865VHP/AWD, 885, 885AWD)	6013	6-46795
Tandem Flange Adjustments (845DHP, 865VHP, 865VHP/AWD, 885, 885AWD)	6014	6-46800

Brakes		Tab 7
Section Index – Brakes		6-46810
Hydraulic Brake Troubleshooting	7002	6-46831
Brake Pedal Valve System	7003	6-46841

Hydraulics		Tab 8
Section Index - Hydraulics		6-46813
Removal and Installation of Hydraulic Components	8001	6-46872
Wheel Drive Hydraulic Pump and Motor for Front Drive Axle (865VHP/ AWD and 885 AWD)	8003	6-46880
Hydraulic Schematics (865VHP and 885 AWD)	8004	6-46870

It's a preview. You can download the full file by clicking the link below.

<https://shopservicemanual.com/>

Service Manuals from 2\$