SEW HOLLAND

CRAWLER EXCAVATOR E215B TIER III



87612178 NA

Issued 01-2007

Ø NEW HOLLAND

www.newhollandconstruction.com

S NEW HOLLAND

REPAIR MANUAL

CRAWLER EXCAVATOR

E215B TIER III

Bur • Issued 01-2007 Printed in U.S.A. • Book/Form Number 87612178 NA Copyright © 2007. CNH America, LLC. All Rights Reserved. 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.

	REVISION HISTORY				
Issue	Issue Date	Applicable Machines	Remarks		
First Edition	01-2007	E215B TIER III	87612178 NA		

E215B TABLE OF CONTENTS

SPECIFICATIONS SECTION

0-SAFET	,			
0.1	GENE	RAL SAFETY INFORMATION	0-2	
0.2	0.2 SAFETY PRECAUTIONS0-3			
1-OUTLIN	E			
1.1	GEN	ERAL PRECAUTIONS FOR MAKING REPAIRS	1-3	
1.	1.1	PREPARATION BEFORE DISASSEMBLING	1-3	
1.	1.2	SAFETY WHEN DISASSEMBLING AND ASSEMBLING	1-3	
1.	1.3	DISASSEMBLING AND ASSEMBLING HYDRAULIC EQUIPMENT	1-3	
1.	1.4	ELECTRICAL EQUIPMENT	1-4	
1.	1.5	HYDRAULIC PARTS	1-5	
1.	1.6	WELD REPAIR	1-5	
1.	1.7	ENVIRONMENTAL ISSUES	1-5	
1.2	INTE	RNATIONAL UNIT SYSTEM	1-6	
2-SPECIF		DNS		
2.1	NAM	E OF COMPONENTS	2-3	
2.2	GEN	ERAL DIMENSIONS	2-4	
2.	2.1	SK210–8 [5.65m (18ft-6in) Boom+2.94m (9ft-8in) Standard Arm+0.80m ³ (1.05cu•yd) Bucket Shoe]	2-4	
		SK210–8 [5.65m (18ft-6in) Boom+3.5m (11ft-6in) Long Arm+0.70m ³		
		(0.92cu•yd) Bucket Shoe]	2-4	
2.3	WEI	GHT OF COMPONENTS	2-5	
2.4	TRA	NSPORTATION		
2.	4.1	OVERALL DIMENSIONS OF MACHINE ON A TRAILER	2-7	
2.	4.2	DIMENSIONS OF ATTACHMENT	2-8	
2.5	SPE	CIFICATIONS AND PERFORMANCE	2-9	
2.	5.1	SPEED AND CLIMBING CAPABILITY	2-9	
2.	5.2	ENGINE	2-9	
2.	5.3	HYDRAULIC COMPONENTS	2-9	
2.	5.4	WEIGHT	2-9	
2.6	TYPI	E OF CRAWLER	2-10	
2.7	COM	IBINATIONS OF ATTACHMENT	2-12	
2.8 ENGINE SPECIFICATIONS		INE SPECIFICATIONS	2-13	
2.	8.1	SPECIFICATIONS	2-13	

3-ATTACHMENT DIMENSIONS

3.1	BOC	ОМ МС	3-3
3.	1.1	BOOM DIMENSIONAL DRAWING	3-3
3.	1.2	BOOM MAINTENANCE STANDARD	3-4
3.2	ARN	И	3-6
3.	2.1	ARM DIMENSIONAL DRAWING	3-6
3.	2.2	ARM MAINTENANCE STANDARD	3-7
3.3	BUC	CKET AND PIN	3-10
3.	3.1	BUCKET AND PIN DIMENSIONAL DRAWING	3-10
3.	3.2	BUCKET AND PIN DIMENSIONAL TABLE	

MAINTENANCE SECTION

11-TOOLS				
11.1 STAN	DARD TORQUE SPECIFICATIONS FOR CAPSCREWS AND NUTS	11-3		
11.2 SCRE	11.2 SCREW SIZE11			
11.2.1 (CAPSCREW (BOLT)	11-5		
11.2.2 (CAPSCREW (SOCKET BOLT)	11-5		
11.2.3	SOCKET SET SCREW	11-5		
11.3 TORQ	11.3 TORQUE SPECIFICATIONS FOR HOSE AND FITTINGS			
11.3.1	JOINT (O-RING TYPE)	11-6		
11.3.2 I	HYDRAULIC HOSE (30° FLARE TYPE)	11-6		
11.3.3	JOINT (ORS TYPE)	11-6		
11.3.4	SPLIT FLANGE	11-6		
11.4 TORQ	UE SPECIFICATIONS FOR NUTS AND SLEEVES	11-7		
11.5 PLUG		11-8		
11.5.1	PLUG FOR HYDRAULIC PIPE JOINT	11-8		
11.5.2	PLUG FOR HYDRAULIC EQUIPMENT	11-9		
11.6 SPEC	IAL SPANNER FOR TUBE	11-11		
11.7 SPEC	IAL TOOLS	11-12		
11.8 APPLI	CATION OF SCREW LOCKING COMPOUND AND SEALING COMPO	OUND 11-14		
11.9 SUCT	ION STOPPER	11-15		
11.9.1 (COMPONENTS	11-15		
11.9.2	DIMENSION	11-15		
11.9.3	APPLICABLE MODEL	11-15		
11.10 COU	NTER WEIGHT LIFTING JIG	11-16		
111.10 UPPI	111.10 UPPER FRAME LIFTING JIG11-17			
11.11 ENGI	11.11 ENGINE TURNOVER STAND			
11.13 TRAC	K SPRING SET JIG	11-19		

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

https://shopservicemanual.com/

Service Manuals from 2\$