

Manitowoc Cranes MACHINE COMPONENT INDEX

Date: May 27, 2021

Rev: 001

<u>Model Number</u> MLC300 LUFF		<u>Serial Number</u> 3005040		
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Notes

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Description

BUTT ASSY #500A LUFF JIB 6M

Assembly No.

81024783

Revision: **G**

Item	FN	Part	Qty	Description
2		5620850	8	PIN COTTER
9		81029911	1	BUTT #500A 6.0M MACH REF 0-2270 FOR LACINGS (DWG 81024785)
10	+	81031017	1	ESI LUFFING JIB BUTT WRG
12	+	81033831	1	CATWALK ASSY 6M BUTT #500A
13		81034036	4	COLLAR 121.0 MM ID
14	+	80129894	2	STOP ASSY, JIB #501A
15		81037983	2	BUSHING 135 X 120 X 101
16		81039284	4	PIN 2 HOLE 12.7 DIA X 167.0 LG
17		81039305	2	PIN #501 JIB HINGE
20	+	81039889	2	BRACKET STRUT SUPPORT ASSY
22		81040019	16	SHIM 1.5
23		81040020	16	SHIM 1.5
30		1953262	2	PIN 2 HOLE
31		810165950	2	PIN SAFETY
32		81039285	2	PLATE ANTIROTATION
33	+	84038392	1	GUIDE ASSY WIRE ROPE
34		84046763	2	STAND ASSEMBLY
		5636990	1	INCLUDES THE FOLLOWING PARTS HITCH PIN
35		80130988	4	SHIM 22 GA
36		80130989	4	SHIM 22GA

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Description

LIMIT SWITCH SUBASSY LINEAR

Assembly No.

80129731

Revision: **A**

Item	FN	Part	Qty	Description
1		80129250	1	CABLE GLAND NPT 0.50 ID 4-10
2		80129369	1	CABLE
3		810161350	1	SWITCH, LIMIT
20		80129369	2	CABLE
21		2972110	1	CABLE, WIRE

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Description
TRANS INSERT ASSY #500/501 6M

Assembly No.
81023398
Revision: D

Item	FN	Part	Qty	Description
1		5620640	4	PIN COTTER
2		5620850	8	PIN COTTER
3		5621060	4	PIN COTTER, 1/4 DIA X 1.75 LG
4		5621720	2	PIN COTTER
5		5636400	2	SAFETY PIN
8		81023400	1	TRANSITION INSERT 500/501 6M INCLUDES 81023401 INSERT (REF 0-2267 FOR LACINGS)
10		810254722	3	CLAMP CABLE
11		810277822	2	PIN 2 HOLE
12		810277952	1	TIMBER
13		810298062	2	PIN 1 HOLE W/HD
15		81034035	2	PIN 2 HOLE 19.1 DIA X 139.0 LG
16		81036029	2	STRAP 5.78 M #500/501 JIB
17		81036997	4	PLATE JIB STRUT HOLDBACK
18	+	81037271	1	CATWALK #500/501 6M INSERT
19		81038561	2	BLOCK NYLON
20		81038911	2	BRACKET STRAP
21		81038912	2	BRACKET STRAP
22		81038913	2	BRACKET STRAP
23		81039323	4	PLATE 10 GA X 86 X 86
24		81039328	2	PIN 1 HOLE W/HD 62.0 DIA X 92.
25		81039364	2	PIN 2 HOLE 30.0 X 86 LG
26		81039439	4	LINK #500/501 BOOM
27		7126151150	6	CAP SCREW, M6X20 HEX HEAD
28		7126191253	4	HHCS
29		7126191850	12	HHCS M10x55 -8.8 ISO 4014
30		7126191750	4	HHCS M10x50 -8.8 ISO 4014
31		7661150803	6	NUT NYLOC
32		7661190803	24	HEX LOCK NUT M10 -8 ISO 7040
33		7661190804	4	HEX LOCK NUT M10
34		7951150014	12	F WASHER
35		7951190014	48	F WASHER 10
37		A117992	4	PIN 2 HOLE
38		A118002	4	COLLAR
39		A132942	2	PIN 1 HOLE W/HD
40		A165342	2	PIN 1 HOLE W/HD
41		84024200	10	SAFETY PIN
42		84024240	2	PIN 1 HOLE 12.7 DIA X 96.2 LG
43		84020079	2	PIN 2 HOLE 19.1 DIA X 241.2 LG

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Description
TOP ASSY #501 12M LUFF JIB

Assembly No.
81026670
Revision: H

Item	FN	Part	Qty	Description
7		5620850	20	PIN COTTER
8		5621510	2	PIN, COTTER
9		5636400	2	SAFETY PIN
10		5638030	6	PIN WIRE LOCK
13		84024200	2	SAFETY PIN
14		810254722	4	CLAMP CABLE
15		84038493	2	LOAD CELL LINK
16	+	810258190	2	SHEAVE ASSY
17		81026672	1	TOP WELD #501, 12M LJ REF 0-2273 FOR LACINGS (DWG 81026673)
18		810277822	2	PIN 2 HOLE
19		84024128	1	TIMBER 38.1X88.9X1064.0
20		810294422	2	BRACKET
21		810294472	6	BRACKET
22		810296892	4	COLLAR
23		810297082	4	PIN 2 HOLE
24		810297312	1	PLATE KEEPER
25		810298062	2	PIN 1 HOLE W/HD
26		810298072	4	LINK
27	+	81031019	1	ESI LUFFING JIB TOP WRG
28		81031805	1	SHAFT
29		81031844	3	GUIDE WIRE ROPE
30		81031849	1	SHAFT
		7661340004	1	INCLUDES THE FOLLOWING PARTS NUT, M30X3.5 CLASS 10 HEX
31		81032176	2	PIN 1 HOLE W/HD
32		81033402	8	CLAMP
33	+	81034071	1	CATWALK ASSY #501 LJ TOP
34		81034288	4	LINK
35		81034289	4	LINK
36		81036091	4	PIN 1 HOLE W/HD
37		81036226	2	STRAP
38		81036902	2	PIN 1 HOLE W/HD
39		81036908	4	SHIM
41		7126151150	8	CAP SCREW, M6X20 HEX HEAD
42		7126191850	20	HHCS M10x55 -8.8 ISO 4014
44		7126243550	8	HHCS
45		7127271453	2	HHCS FULL THREAD
46		7661150803	8	NUT NYLOC

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Description
A2B DEVICE MOD TWO SPRINGS

Assembly No.
84019147
Revision: A

Item	FN	Part	Qty	Description
1		0012042	1	SPRING
2		5467630	4	NUT, HEX JAM
3		6124580	1	SCREW, HEX CAP
4		810152440	1	BOLT, EYE
5	+	810245682	1	A2B DEVICE
6		84019149	1	BRACKET NAMEPLATE "84019147"

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Manitowoc Cranes

Description

INSERT LUF JIB EQUIP 12M HEAVY

Assembly No.

81030009

Revision: **C**

Item	FN	Part	Qty	Description
1		5620850	12	PIN COTTER
2		810297282	2	STRAP
3		810298062	6	PIN 1 HOLE W/HD
4		810300282	4	LINK
5		A117992	6	PIN 2 HOLE
6		A118002	6	COLLAR
-		81027805	0	INSERT WELD 12M H #500 REF 0-2255 FOR LACINGS

Manitowoc Cranes

Description
SHEAVE ASSY

Assembly No.
810258190
Revision: **B**

Item	FN	Part	Qty	Description
1		2250650	1	BEARING ROLLER
2		810258200	1	SHEAVE 609.6 28 NYLON
3		810258210	1	SLEEVE 199.92 88.9

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Description

CATWALK ASSY #502 MAIN STRUT

Assembly No.

81032183

Revision: **B**

Item	FN	Part	Qty	Description
1		81038109	1	CATWALK 723.9 MM X 2123.8 MM
2		81038113	2	CATWALK 482.6 X 2154.4
3		81038116	1	CATWALK 482.6 X 2752.4
4		81038430	1	CATWALK 482.6 X 695.0
5		81038712	1	CATWALK 352.1 X 482.6
6		81016691	32	F WASHER
7		7114153664	32	C BOLT SQUARE
8		7950150141	40	F WASHER 5/16"
9		7660152500	36	HEX LOCK NUT PA 5/16-18UNC SS
10		6124050	4	HHCS
11		81038119	1	CABLE .75-10 X 334.90 (IN)
12		7950220141	4	F WASHER 3/4"
13		5460590	4	NUT, HEX

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Description

INSERT LUFF JIB EQUIP 12M

Assembly No.

81029538

Revision: **A**

Item	FN	Part	Qty	Description
1		5620850	8	PIN COTTER
2		810297282	2	STRAP
3		810298062	4	PIN 1 HOLE W/HD
4		810298072	4	LINK
5		A117992	4	PIN 2 HOLE
6		A118002	4	COLLAR
-		81027810	0	INSERT WELD 12M M #500 REF 0-2257 FOR LACINGS

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