

# Manitowoc Cranes MACHINE COMPONENT INDEX

Date: October 03, 2019

Rev: 002

<u>Model Number</u> MLC300 LUFF		<u>Serial Number</u> 3005032	
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Description

**ESI LUFFING JIB BUTT MTG**

**Assembly No.**

**81031018**

Revision: **F**

Item	FN	Part	Qty	Description
2		5469560	1	NUT PANEL
3		5911160	1	REEL-CABLE
6		7114330	1	WASHER
7		7126191253	13	HHCS M10X25 8.8
8		7661190003	13	NUT, HEX 10MM
9		7951190014	13	F WASHER 10
10		7951190210	5	LOCK WASHER, 10MM
11		80042207	4	ELECTRIC COMPONENT MNTG CLIP
12		84025425	1	CABLE REEL HAND CRANK
13		810241160	1	CAP DUST SIZE 24
14	+	81041842	1	ESI JIB MAX ANGLE
15		810254612	1	BRACKET
16	+	810266382	1	LIMIT SWITCH SUBASSY
19		81037199	1	CAP DUST ASSY 3P
20		84022171	2	SENSOR PROX PNP 15 MM
21		810153250	8	RETAINER
22		810291390	1	SENSOR ANGLE MEMS 200 DEGREES
23		7126130753	4	CAP SCREW, M5X10 -8.8 ISO 4017
24		7126131053	2	HHCS M5x16 -8.8 ISO 4017
25		7126131253	6	HHCS
26		7661130803	8	LOCKNUT
27		7951130016	20	F WASHER 5 A2 ISO 7089
28		7951130226	8	WASHER
29		7660160000	2	HEX NUT 3/8-16UNC SAE-2
30		7950160050	2	WASHER, LOCK 3/8" I.D.
31		7950160150	4	WASHER, 3/8" I.D.
32		80108213	2	EYE BOLT 3/8-16 X 4 LG
33		810104510	2	LINK

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# Manitowoc Cranes

Description  
**LIMIT SWITCH**

**Assembly No.**  
**810249950**  
 Revision: **C**

Item	FN	Part	Qty	Description
1		<b>3643870</b>	1	CONNECTOR MALE 3-POLE DEUTSCH
2		<b>4716820</b>	1	CONNECTOR, GRIP CORD 7/16" BO
3		<b>5726060</b>	1	PLUG WEDGE LOCK DEUTSCH W3P
4		<b>6806940</b>	3	TERMINAL, PIN
5		<b>810161350</b>	1	SWITCH, LIMIT
6		<b>810070200</b>	1	TUBING
20		<b>2971820</b>	2	CABLE, SHIELDED
21		<b>2972110</b>	1	CABLE, WIRE

# Manitowoc Cranes

Description  
**GUIDE ASSY WIRE ROPE**

**Assembly No.**  
**84038392**  
**Revision: A**

Item	FN	Part	Qty	Description
1		5620440	4	PIN, COTTER
2		5621490	4	PIN COTTER
3		84038389	1	BRACKET GUIDE WIRE ROPE
4		84038390	1	GUIDE WIRE ROPE
5		84038391	1	SHAFT 69.70ODX57.2IDX357MM
6		A066560	6	PIN SAFETY
7		A080912	2	PIN 2 HOLE
8		A129670	1	SHEAVE WIRE ROPE
9		A132962	4	PIN 2 HOLE

# Manitowoc Cranes

Description

**SPREADER FRAME 500/501 TRANS I**

**Assembly No.**

**81036402**

Revision: **D**

Item	FN	Part	Qty	Description
1		5620850	16	PIN COTTER
2		81034298	2	PIN 1 HOLE W/HD 65.0 DIA X 82.
3		81034465	4	PIN 1 HOLE W/HD 65.0 DIA X 104
4		81036405	1	SPREADER
5		81036406	4	STRAP SPREADER #500/501
6		81036407	2	STRAP SPREADER #500/501
7		81038662	2	LINK CONNECTING
8		81034247	2	LINK CONNECTING
9		A117992	8	PIN 2 HOLE
10		A118002	8	COLLAR
11		810249512	2	PIN 1 HOLE W/HD
12		84018474	4	BRACKET STRAP SPACER
13		7126213050	2	HHCS M12x140 -8.8 ISO 4014
14		7661210804	2	HEX LOCK NUT
15		7951210014	4	F WASHER 12 -ST ISO 7089

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# Manitowoc Cranes

Description  
ESI LUFFING JIB TOP MTG

**Assembly No.**  
**81031020**  
Revision: E

Item	FN	Part	Qty	Description
1		1424032	1	WEIGHT
2		3341010	8	CHAIN
3		6246330	1	SHACKLE
4		80042207	1	ELECTRIC COMPONENT MNTG CLIP
5		03313303	1	ELECTRONIC CONTROL UNIT-MWSCM
6	+	84019147	1	A2B DEVICE MOD TWO SPRINGS
7		810254612	1	BRACKET
8		810291390	1	SENSOR ANGLE MEMS 200 DEGREES
10		810329362	1	HOOK BOLT J 1/2 INCH
11		7126131153	4	HHCS M5x20 -8.8 ISO 4017
12		7126152053	4	HHCS M6x65 -8.8 ISO 4017
13		7126191253	1	HHCS M10X25 8.8
14		7126211353	2	HHCS M12X30 8.8 FLZN ISO 4017
15		7660180008	2	NUT, HEX
16		7661130004	4	NUT HEX
17		7661150004	4	NUT, HEX - 6MM
18		7661190103	1	HEX LOCKNUT M10
19		7661210003	2	NUT, HEX 12MM N.C.
20		7950180141	2	WASHER, FLAT 1/2"
21		7951130014	4	F WASHER 5 ST ISO 7089
22		7951130210	4	LOCKWASHER, 5MM I.D.
23		7951150210	4	LOCKWASHER, 6MM I.D.
24		7951190014	8	F WASHER 10
25		7951210014	2	F WASHER 12 -ST ISO 7089
26		7951210210	2	LOCK WASHER, 12MM I.D.
27		810070010	1	WIRE
28		810070020	2	SLEEVE
29		810284270	1	PIN SAFETY .25 DIA X 2.50 LG
30		7126191453	3	HHCS M10X35 8.8 FLZN 4017
31		7661190803	3	HEX LOCK NUT M10 -8 ISO 7040

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# Manitowoc Cranes

Description

**CATWALK ASSY #501 LJ TOP**

**Assembly No.**

**81034071**

Revision: **B**

Item	FN	Part	Qty	Description
1		84027007	8	HEX NUT
2		6124050	42	HHCS
3		810166910	20	WASHER SHOULDER
4		810169952	6	BRACKET
5		810266232	3	CATWALK
6		810272652	1	CATWALK
7		84032431	2	CABLE .75-10 X 454.73 (IN)
8		7114153664	20	C BOLT SQUARE
9		7660152500	62	HEX LOCK NUT PA 5/16-18UNC SS
10		7950150141	104	F WASHER 5/16"
11		7950220141	11	F WASHER 3/4"

# Manitowoc Cranes

Description  
**SHEAVE ASSY**

Assembly No.  
**810258190**  
Revision: **B**

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

# Manitowoc Cranes

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 X695.0
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

# Manitowoc Cranes

Description  
**INSERT LUFF JIB EQUIP 12M**

**Assembly No.**  
**81029538**  
 Revision: **A**

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

# Manitowoc Cranes

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