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# Illustrated Parts Manual

## Ecolift, Ecolift S, Ecolift WR, Ecolift X

31220664

May 1, 2024 - Rev B



## REVISION LOG

February 28, 2022 - A - Original Release of Manual

May 1, 2024 - B - Revised Manual (Edited to B/M 1001252002 Rev J)

# GENERAL INFORMATION



## 1) MACHINE IDENTIFICATION

Machines are identified by model and in some cases a combination of models, serial number (SN) or regional standard (i.e ANSI, CE, CSA). Components may also be identified by SN or manufacturer. Common components that may be identified by these characteristics are engines and hydraulic components.

## 2) PARTS MANUAL ORGANIZATION

Product information in this manual is organized under section titles. Frame, Cylinder, Hydraulic and Electrical are a few examples. Each section is organized by figure and page number. The information within the Figure is then organized by item number, part number, description and corresponding illustration (s).

## 3) TABLE OF CONTENTS (NOT SHOWN)

A table of contents is found toward the beginning of the manual. Figure number, description and page number are provided for quick reference to the page containing the related information.

## 4) RECOMMENDED SPARE PARTS (NOT SHOWN)

The Recommended Spare Parts List, located near the end of the manual, reference most frequently used maintenance parts.

## 5) PART NUMBER INDEX (NOT SHOWN)

A numerical index listing all part numbers and the corresponding page number(s) appears at the back of the manual.

## GENERAL INFORMATION

### 6) NON-SERVICED PARTS

In some instances, it is necessary to display non-serviced parts, assemblies or installations. In the case of assemblies and installations there will be a Ref in the Qty. column. In case of parts that are not available for service within assemblies or components, there will be a NSS (Not Sold Separately) or NLA (No Longer Available) listed in the Qty. column of the manual.

### 7) PARTS LIST ITEM NUMBERS

Numbers shown in the item# column correspond to numbers used in the associated illustration (s). Item numbers which are missing from the sequence in the parts list are not used on that page.

### 8) INDENTED PARTS DESCRIPTION

An indented part description is included in the item under which it is indented.

### 9) ABBREVIATION AND SYMBOLS

AC.....	Alternating Current	L.....	Liter
ADE.....	Advanced Design Electronics	LB(LBS).....	Pounds
AG.....	Agricultural	LCD.....	Liquid Crystal Display
ANSI.....	American National Standards Institute	LED.....	Light Emitting Diodes
AR.....	As Required	LH.....	Left Hand
ASSY.....	Assembly	LRC.....	Low Rated Countries
AUS.....	Australia	LSS.....	Load Sensing System
AUX.....	Auxiliary	M(m).....	Metric/Meter
AWG.....	American Wire Gauge	MM(mm).....	Milimeter
B/M.....	Bill of Material	mA.....	Miliamps
CAC.....	Charge Air Cooler	NLA.....	No Longer Available
CE.....	European Conformity	NPT.....	National Pipe Threads
CCW.....	Counter Clockwise	NSS.....	Not Sold Separately
CM.....	Centimeter	OD.....	Outside Diameter
CW.....	Clockwise	ORB.....	O-Ring Boss
CSA.....	Canadian Standards Association	ORFS.....	O-Ring Face Seal
CYL.....	Cylinder	OZ (oz).....	Ounces
DIA.....	Diameter	PG.....	Page
DC.....	Direct Current	PN.....	Part Number
DEF.....	Diesel Exhaust Fluid	QT(qt.).....	Quarts
EMS.....	Emergency Stop	QTY.....	Quantity
ENG.....	Engine	REF.....	Reference
FT(ft).....	Feet	REV.....	Revision Level
GA(Ga).....	Gauge	RH.....	Right Hand
HRC.....	High Rated Countries	SAE.....	Society of Automotive Engineers
HVAC.....	Heating, Ventilating, and Air Conditioning	SN.....	Serial Number
HYD.....	Hydraulic	SPEC(S).....	Specifications
Hz.....	Hertz	T/T.....	Turntable
ID.....	Inside Diameter	UGM.....	Universal Ground Module
IN.....	inches	V.....	Volts
ISO.....	International Organization for Standards	W.....	Watts
JIC.....	Joint Industry Council	#.....	Number
KG.....	Kilogram		

### 10) ILLUSTRATION REFERENCE LETTERS

When necessary, illustrations may contain reference letters that are intended to track information (i. e. hoses, harnesses) from one point to another or to track visual enlargement of components to show details that may be located in another area on the illustration.

*Note: Due to continuous product improvements, JLG Industries, Inc. reserves the right to make specification changes without prior notification. Contact JLG Industries, Inc. for updated information.*



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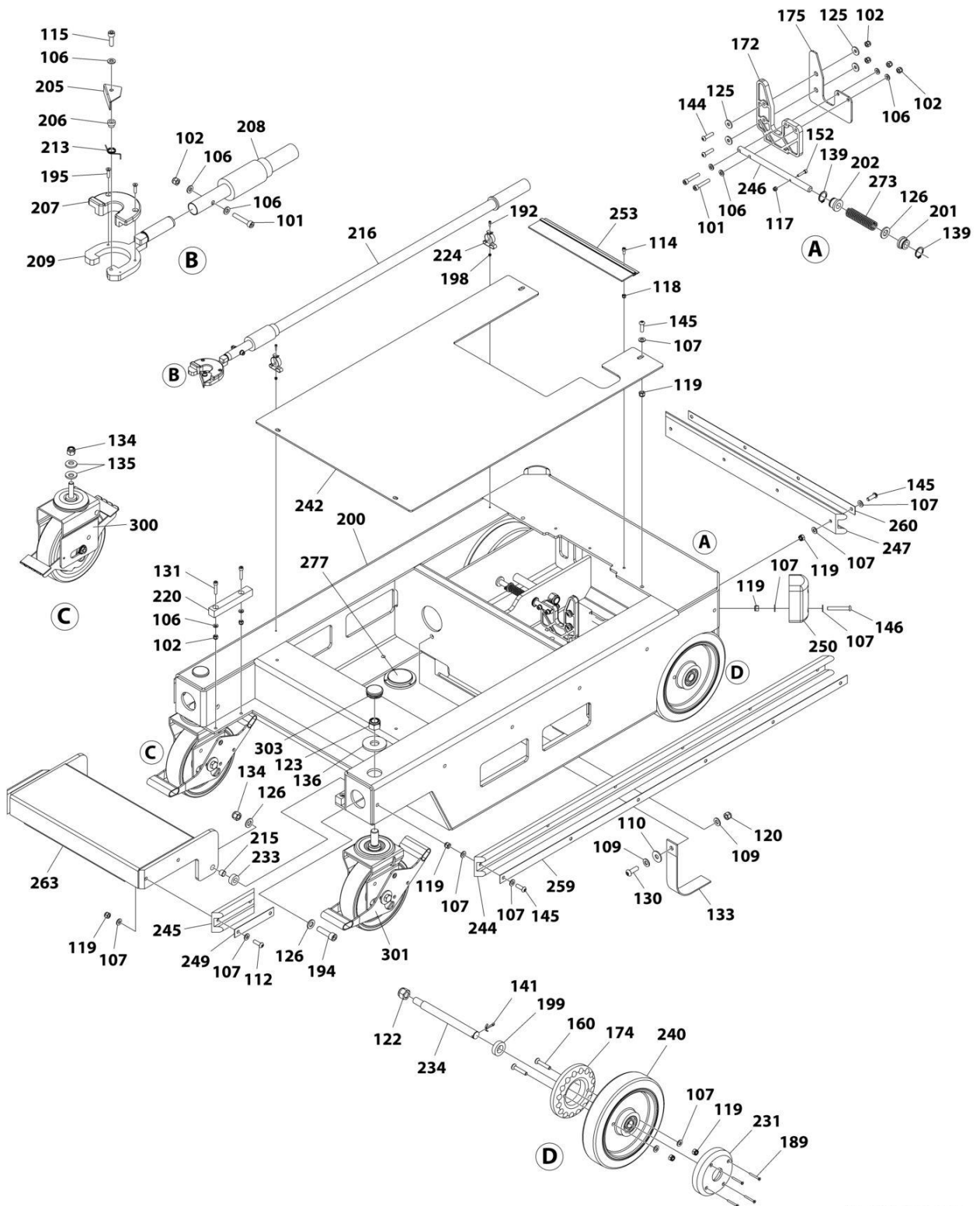


**SECTION 1 - ECOLIFT PRIOR TO SN 131472322H**

**SECTION 1 - ECOLIFT PRIOR TO SN 131472322H**

# SECTION 1 - ECOLIFT PRIOR TO SN 131472322H

## FIGURE 1-1. FRAME ASSEMBLY (ECOLIFT)



ART\_1001217469\_10F5

# SECTION 1 - ECOLIFT PRIOR TO SN 131472322H

## FIGURE 1-1. FRAME ASSEMBLY (ECOLIFT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001217469	Ref	FRAME ASSEMBLY	D
101	1001264556	5	Bolt M6 x 35	
102	1001264557	13	Nut M6	
106	1001265112	15	Washer M6	
107	1001265113	36	Washer M8	
109	1001265115	2	Washer M10	
110	1001265116	1	Washer M10	
112	1001265121	2	Capscrew M8 x 30	
114	1001265124	3	Capscrew M5 x 12	
115	1001265127	1	Capscrew M6 x 20	
117	1001265133	2	Nut M4	
118	1001265134	3	Nut M5	
119	1001265135	22	Nut M8	
120	1001265136	1	Nut M10	
122	1001265139	2	Nut M16	
123	1001265147	2	Nut 3/4	
125	1001265461	8	Washer M6	
126	1001265462	3	Washer M12	
130	1001265508	1	Screw M10 x 30	
131	1001265512	4	Capscrew M6 x 30	
133	1001265642	1	Strap, Ground	
134	1001265746	2	Nut M12	
135	1001265750	2	Washer M29	
136	1001265991	1	Washer M20	
139	1001266105	4	Circlip	
141	1001266108	2	Pin, Cotter 5/32 x 1-1/4	
144	1001266112	4	Screw M6 x 25	
145	1001266113	20	Screw M8 x 25	
146	1001266114	2	Screw M8 x 50	
152	1001266122	2	Capscrew M4 x 20	
160	1001266131	4	Capscrew M8 x 45	
172	1001266244	2	Plate, Brake Cam	
174	1001266246	2	Disc, Brake	
175	1001266247	2	Plate, Brake Cam	
189	1001266412	8	Screw #8 x 1-1/2	
192	1001266415	2	Capscrew M3 x 12	
194	1001266417	1	Capscrew M12 x 45	
195	1001266418	2	Capscrew M4 x 16	
198	1001266421	2	Nut M3	
199	1001266422	2	Spacer	
200	1001266423	1	Frame	
201	1001266424	2	Bushing, Brake Pin	
202	1001266425	2	Bushing, Brake Pin	
205	1001266428	1	Release	
206	1001266429	1	Spacer	
207	1001266430	1	Cradle (Emergency Lowering)	
208	1001266431	1	Pole, Extension (Emergency Lowering)	
209	1001266433	1	Head (Emergency Lowering)	
213	1001266438	1	Spring, Tool	
215	1001266614	1	Bushing	

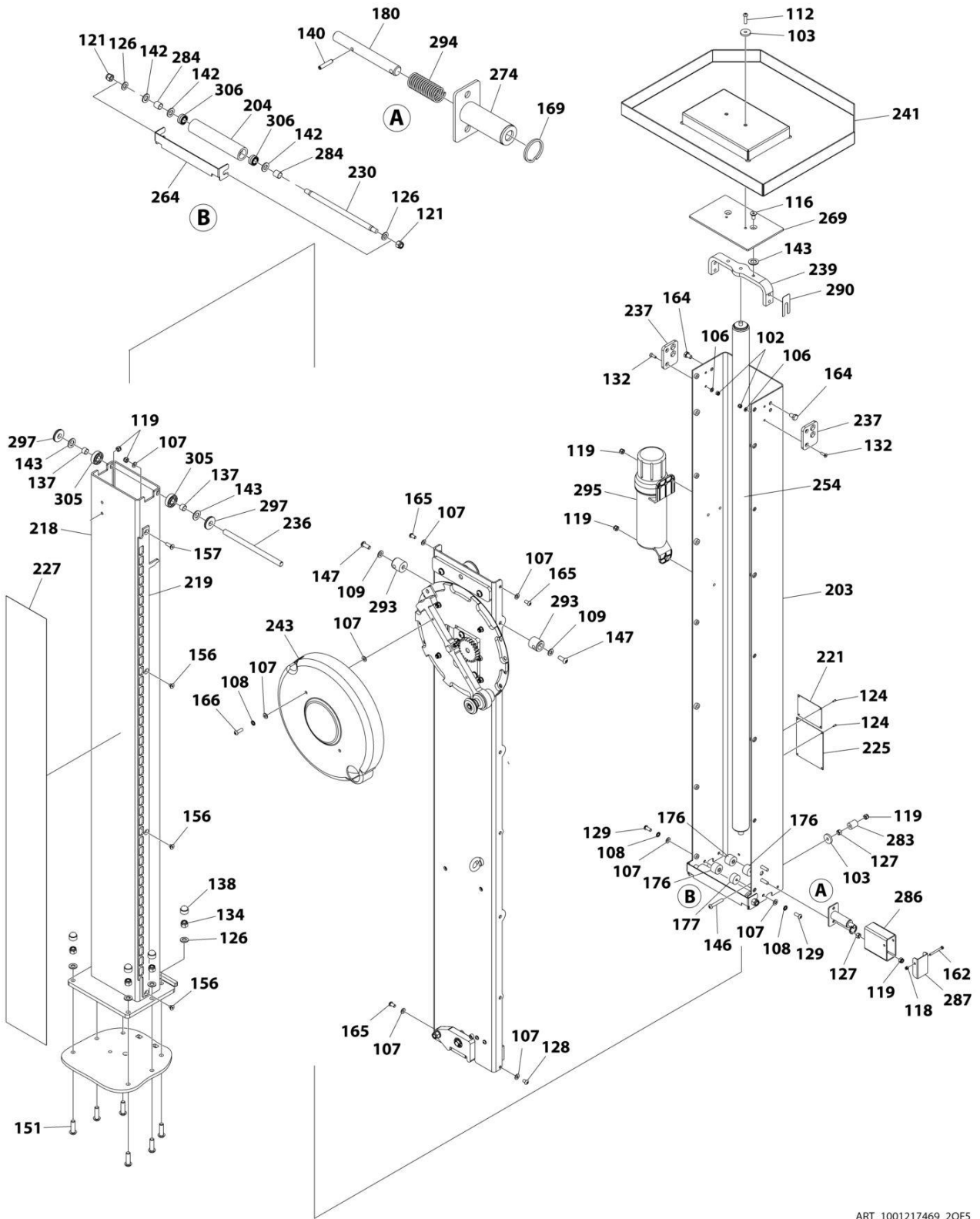
## SECTION 1 - ECOLIFT PRIOR TO SN 131472322H

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
216	1001267378	1	Pole, Emergency Lowering (Includes Items 101, 102, 106, 115, 195, 205-209, 213)	
220	1001267384	2	Block	
224	ECLM414	2	Clip	
231	ECLM420	2	Guard, Hub	
233	ECLM422	1	Spacer	
234	ECLM423	2	Axle	
240	ECLM600	2	Wheel, Fixed	
242	ECLM602	1	Cover, Chassis	
244	ECLM604	2	Bumper (Side)	
245	ECLM605	2	Bumper (Step)	
246	ECLM606	2	Pin, Brake	
247	ECLM608	1	Bumper (Rear)	
249	ECLM610	2	Strip, Bumper (Step)	
250	ECLM611	2	Bumper (Corner)	
253	ECLM614	1	Brush	
259	ECLM621	1	Bumper (Side)	
260	ECLM622	1	Bumper (Rear)	
263	ECLM701	1	Step	
273	PELM414	2	Spring, Brake	
277	PELM451	1	Level	
300	PTM102	1	Castor - Swivel	
301	PTM1022	1	Castor - Swivel	
303	PTM163	2	Cap	



# SECTION 1 - ECOLIFT PRIOR TO SN 131472322H

## FIGURE 1-2. MAST ASSEMBLY (ECOLIFT)



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# SECTION 1 - ECOLIFT PRIOR TO SN 131472322H

## FIGURE 1-2. MAST ASSEMBLY (ECOLIFT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001217469	Ref	MAST ASSEMBLY	D
102	1001264557	2	Nut M6	
103	1001264558	4	Washer M8	
106	1001265112	2	Washer M6	
107	1001265113	11	Washer M8	
108	1001265114	4	Washer M8	
109	1001265115	2	Washer M10	
112	1001265121	2	Capscrew M8 x 30	
116	1001265131	2	Capscrew M10 x 20	
118	1001265134	1	Nut M5	
119	1001265135	10	Nut M8	
121	1001265138	2	Nut M12	
124	1001265149	4	Rivet	
126	1001265462	8	Washer M12	
127	1001265496	4	Nut M8	
128	1001265506	1	Capscrew M8 x 12	
129	1001265507	4	Capscrew M8 x 20	
132	1001265514	4	Capscrew M6 x 25	
134	1001265746	6	Nut M12	
137	1001266100	2	Bushing	
138	1001266101	6	Cap, Nut	
140	1001266107	1	Pin, Spring	
142	1001266109	3	Washer M14	
143	1001266110	4	Washer M16	
146	1001266114	2	Screw M8 x 50	
147	1001266115	2	Screw M10 x 25	
151	1001266121	6	Screw M12 x 40	
156	1001266127	3	Capscrew M8 x 10	
157	1001266128	1	Capscrew M8 x 25	
162	1001266137	1	Bolt M5 x 50	
164	1001266139	4	Bolt M10 x 16	
165	1001266144	9	Capscrew M8 x 16	
166	1001266145	2	Capscrew M8 x 25	
169	1001266211	1	Ring, Interlock Pin	
176	1001266254	3	Disc, Wear	
177	1001266255	1	Disc, Wear	
180	1001266259	1	Pin, Interlock	
203	1001266426	1	Mast (Outer)	
204	1001266427	1	Roller, Outer Mast	
218	1001267382	1	Mast (Inner)	
219	1001267383	1	Strap, Belt Interlock	
221	See Note	NSS	Nameplate - Manufacturers Serial Number (Note: Not Available for Purchase)	
225	See Note	NSS	Nameplate - Manufacturers Serial Number (Note: Not Available for Purchase)	
227	ECLM416	1	Strip, Wear	
230	ECLM419	1	Axle	
236	ECLM426	1	Axle	
237	ECLM428	2	Plate, Lock	
239	ECLM434	1	Mount, Strut	

## SECTION 1 - ECOLIFT PRIOR TO SN 131472322H

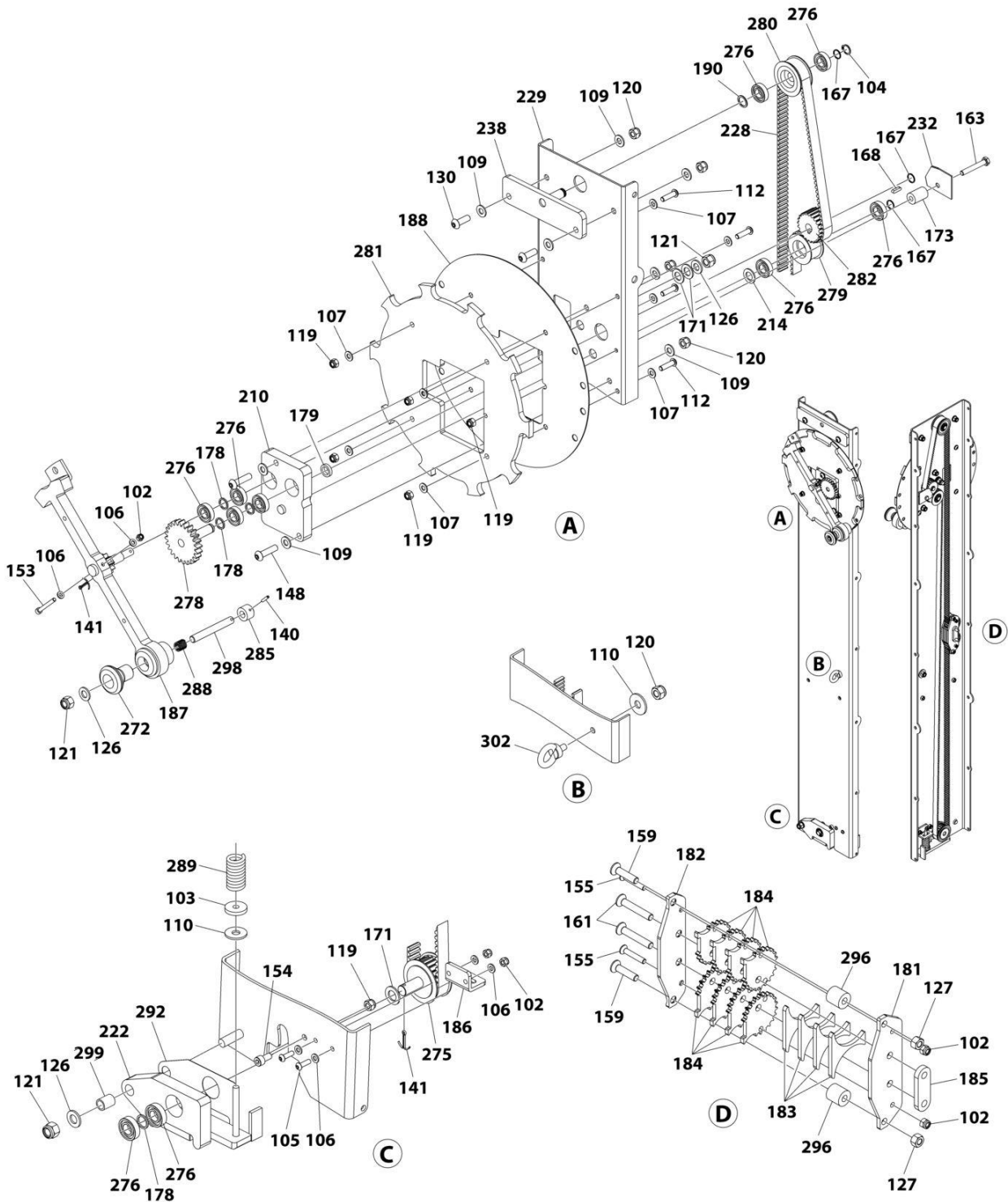
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
241	ECLM601	1	Tray, Tool	
243	ECLM603	1	Cover, Handle	
254	ECLM615	1	Strut, Gas	
264	ECLM702	1	Cover	
269	ECLM708	1	Cap, Mast	
274	PELM421	1	Housing, Interlock	
283	PELM475	2	Bushing	
284	PELM478	2	Spacer	
286	PELM481	1	Cover, Interlock Housing	
287	PELM482	1	Cap, Interlock Housing	
290	PELM485	1	Spacer	
293	PELM489	6	Peg, Cage Mounting	
294	PELM494	1	Spring	
295	PELM495	1	Container, Document	
297	PELM498	2	Roller	
305	PTNSPM562	2	Bearing	
306	PTNSPM664	2	Bearing	





# SECTION 1 - ECOLIFT PRIOR TO SN 131472322H

## FIGURE 1-3. PULLEY PANEL COMPONENTS (ECOLIFT)



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# SECTION 1 - ECOLIFT PRIOR TO SN 131472322H

## FIGURE 1-3. PULLEY PANEL COMPONENTS (ECOLIFT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001217469	Ref	PULLEY PANEL COMPONENTS	D
102	1001264557	5	Nut M6	
103	1001264558	1	Washer M8	
104	1001264559	1	Ring, Retaining	
105	1001264707	2	Bolt M6 x 20	
106	1001265112	6	Washer M6	
107	1001265113	8	Washer M8	
109	1001265115	8	Washer M10	
110	1001265116	2	Washer M10	
112	1001265121	4	Capscrew M8 x 30	
119	1001265135	6	Nut M8	
120	1001265136	5	Nut M10	
121	1001265138	3	Nut M12	
126	1001265462	3	Washer M12	
127	1001265496	2	Nut M8	
130	1001265508	2	Screw M10 x 30	
140	1001266107	1	Pin	
141	1001266108	2	Pin, Cotter 5/32 x 1-1/4	
148	1001266117	2	Screw M10 x 40	
153	1001266123	1	Capscrew M6 x 50	
154	1001266124	1	Capscrew M8 x 16	
155	1001266126	2	Capscrew M6 x 35	
159	1001266130	2	Capscrew M8 x 35	
161	1001266132	2	Capscrew M8 x 50	
163	1001266138	1	Bolt M8 x 55	
167	1001266146	3	Ring, Spring	
168	1001266210	1	Key, Pulley	
171	1001266219	3	Washer, Plastic	
173	1001266245	1	Guide	
178	1001266257	4	Spacer	
179	1001266258	1	Spacer	
181	1001266260	1	Clamp (Base)	
182	1001266261	1	Clamp (Top)	
183	1001266262	4	Clamp (Middle)	
184	1001266264	8	Clamp (Cog)	
185	1001266265	1	Spacer	
186	1001266273	1	Mount	
187	1001266274	1	Handle, Crank	
188	1001266275	1	Cover, Lock Plate	
190	1001266413	1	Washer	
210	1001266434	1	Block	
214	1001266439	1	Washer	
222	ECLM412	1	Plate, Lower Tensioner	
228	ECLM417	1	Belt	
229	ECLM418	1	Panel, Pulley Mounting	
232	ECLM421	1	Plate, Drive Belt	
238	ECLM431	1	Mount, Free Wheel Pulley	
272	PELM412	1	Knob, Handle	
275	PELM429	1	Pulley (Lower)	
276	PELM442	10	Bearing, Pulley	

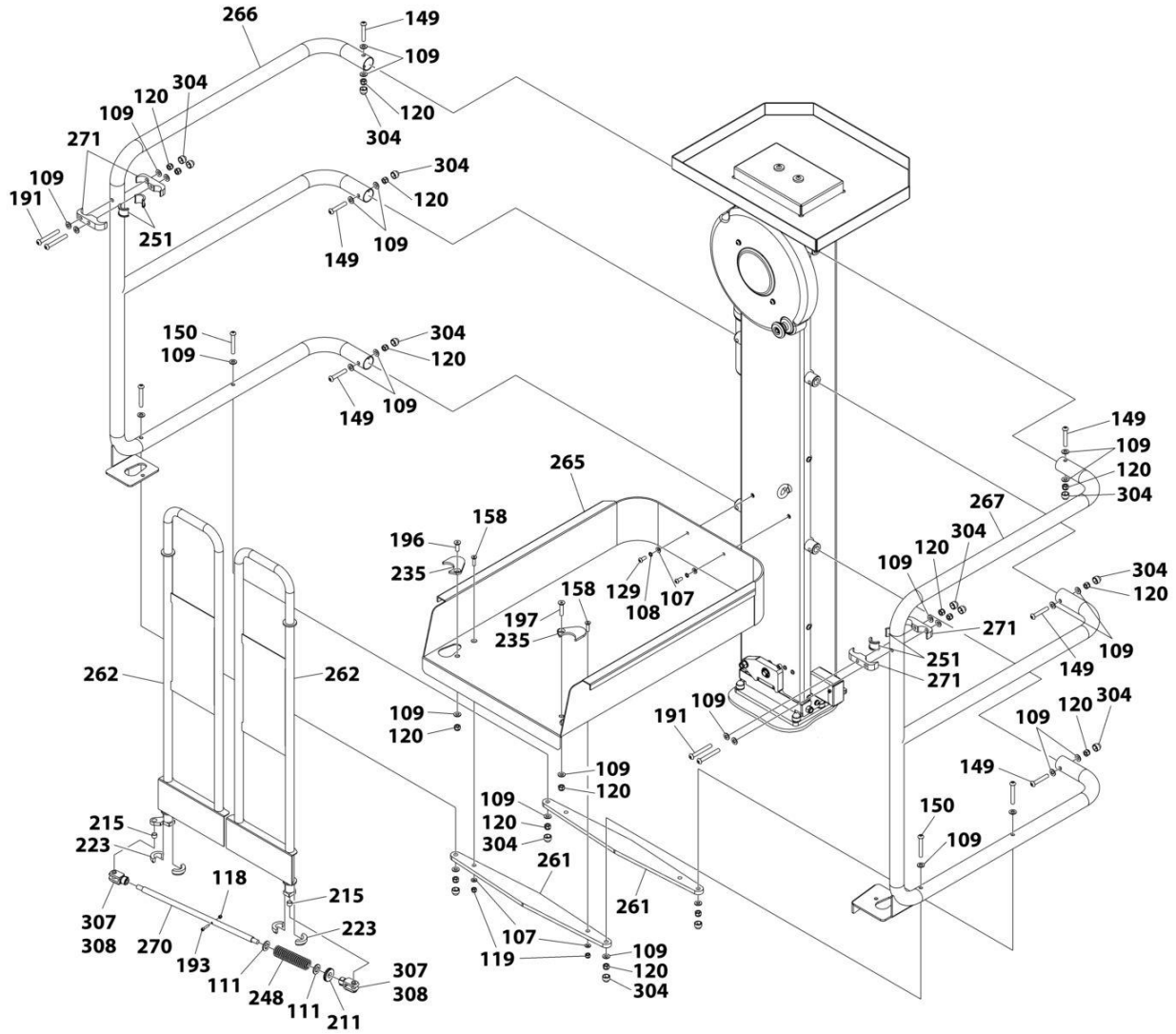
## SECTION 1 - ECOLIFT PRIOR TO SN 131472322H

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
278	PELM462	1	Gear	
279	PELM467	1	Pulley, Guide	
280	PELM469	1	Pulley, Free Wheel	
281	PELM471	1	Plate, Lock	
282	PELM472	1	Pulley, Drive	
285	PELM480	1	Tip, Lock Pin	
288	PELM483	1	Spring, Handle	
289	PELM484	1	Spring, Belt	
292	PELM488	1	Plate, Tensioner	
296	PELM496	2	Bushing	
298	PELM499	1	Pin, Lock	
299	PELM506	1	Bushing	
302	PTM149	1	Bolt, Collared	



# SECTION 1 - ECOLIFT PRIOR TO SN 131472322H

## FIGURE 1-4. PLATFORM ASSEMBLY (ECOLIFT)



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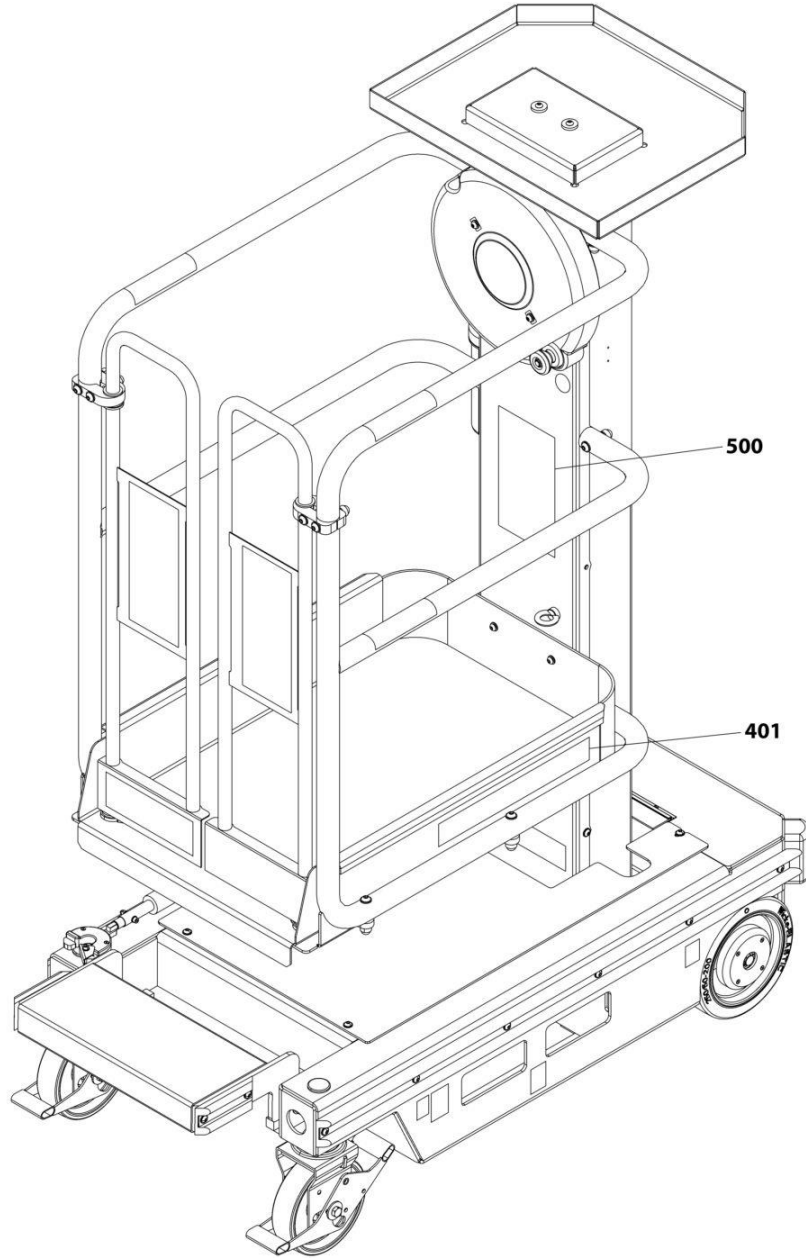
# SECTION 1 - ECOLIFT PRIOR TO SN 131472322H

## FIGURE 1-4. PLATFORM ASSEMBLY (ECOLIFT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001217469	Ref	PLATFORM ASSEMBLY	D
107	1001265113	4	Washer M8	
108	1001265114	2	Washer M8	
109	1001265115	30	Washer M10	
111	1001265117	2	Washer M16	
118	1001265134	1	Nut M5	
119	1001265135	2	Nut M8	
120	1001265136	16	Nut M10	
129	1001265507	2	Capscrew M8 x 20	
149	1001266119	6	Screw M10 x 60	
150	1001266120	4	Screw M10 x 70	
158	1001266129	2	Capscrew M8 x 30	
191	1001266414	4	Screw M10 x 80	
193	1001266416	1	Capscrew M5 x 25	
196	1001266419	1	Capscrew M10 x 30	
197	1001266420	1	Capscrew M10 x 45	
211	1001266435	1	Spacer	
215	1001266614	2	Bushing	
223	ECLM413	2	Bushing	
235	ECLM425	1	Cover, Gate (Pair)	
248	ECLM609	1	Spring	
251	ECLM612	2	Bushing	
261	ECLM623	2	Strap, Platform Tray Support	
262	ECLM700	1	Gate, Platform (Non-Locking Gate)	
265	ECLM704	1	Tray, Platform	
266	ECLM705	1	Guardrail - Left	
267	ECLM706	1	Guardrail - Right	
270	ECLM709	1	Rod, Gate Link	
271	ECLM710	4	Bracket, Hinge	
304	PTNSPM560	14	Cap, Nut	
307	1001279106	2	Body, Clevis	
308	1001279107	2	Clip, Clevis	

# SECTION 1 - ECOLIFT PRIOR TO SN 131472322H

## FIGURE 1-5. DECAL INSTALLATION (ECOLIFT)



ART\_1001217469\_50F5



## SECTION 1 - ECOLIFT PRIOR TO SN 131472322H

### FIGURE 1-5. DECAL INSTALLATION (ECOLIFT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001217469	Ref	DECAL INSTALLATION	D
401	ECLM802	1 pr	Decal - Ecolift Logo	
500	See Note	Ref	Kit, Decal Sheet (Note: Individual Decals are Not Available for Purchase - Purchase Complete Sheet)	
	ECLM800	1	Decal, English Ecolift, Complete Sheet	
	ECLM800DAN	1	Decal, Danish Ecolift, Complete Sheet	
	ECLM800DU	1	Decal, Dutch Ecolift, Complete Sheet	
	ECLM800EST	1	Decal, Estonian Ecolift, Complete Sheet	
	ECLM800FIN	1	Decal, Finnish Ecolift, Complete Sheet	
	ECLM800FR	1	Decal, French Ecolift, Complete Sheet	
	ECLM800GER	1	Decal, German Ecolift, Complete Sheet	
	ECLM800ITA	1	Decal, Italian Ecolift, Complete Sheet	
	ECLM800NOR	1	Decal, Norwegian Ecolift, Complete Sheet	
	ECLM800POL	1	Decal, Polish Ecolift, Complete Sheet	
	ECLM800SPA	1	Decal, Spanish Ecolift, Complete Sheet	
	ECLM800SWE	1	Decal, Swedish Ecolift, Complete Sheet	
	ECLM800TUR	1	Decal, Turkish Ecolift, Complete Sheet	
	ECLM800HUN	1	Decal, Hungarian Ecolift, Complete Sheet	
	ECLM800POR	1	Decal, Portuguese Ecolift, Complete Sheet	
	ECLM802	1	Decal, Ecolift Logo (Pair)	
	1001266411	1	Decal, Ecolift Safety Tape	

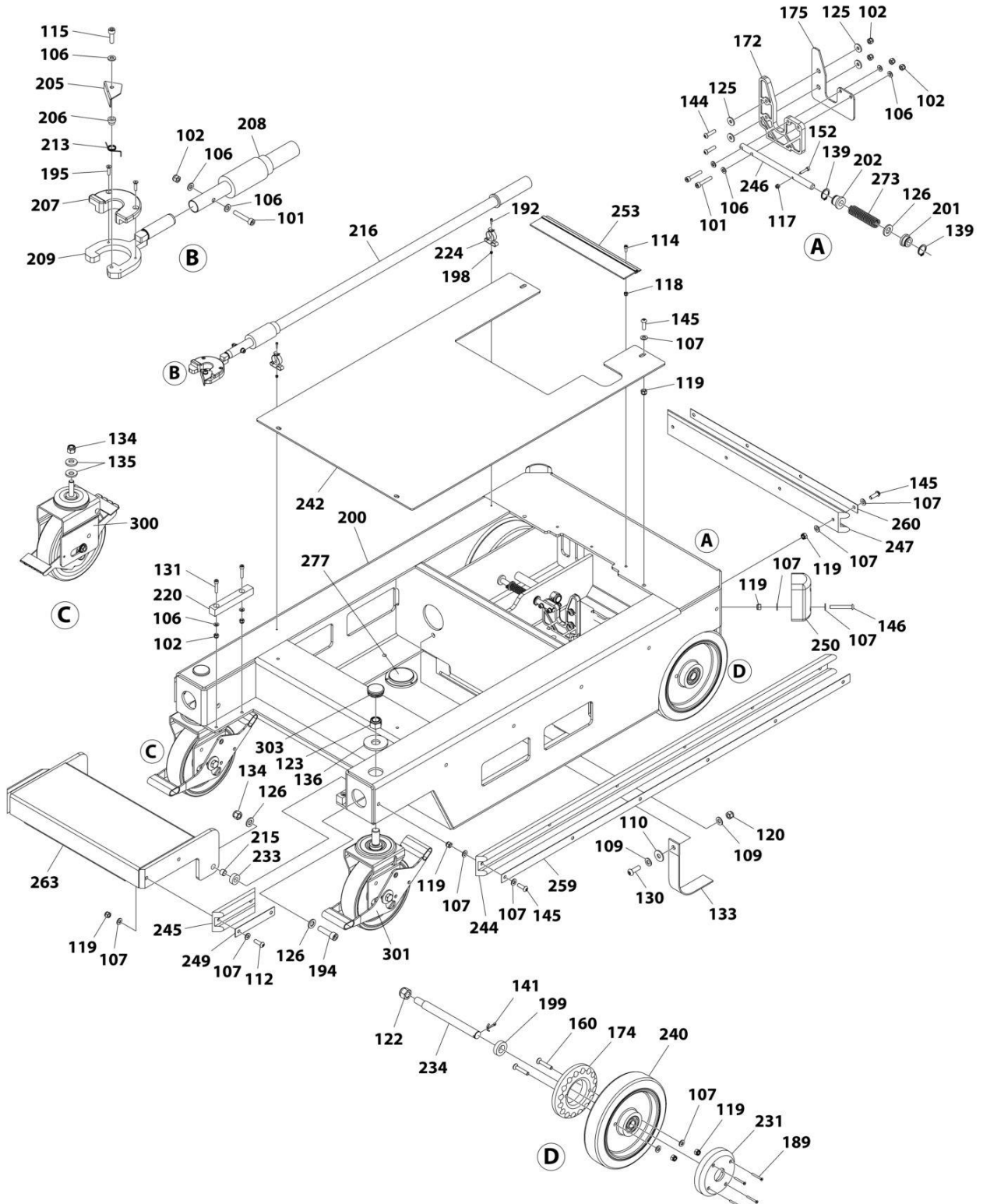


**SECTION 2 - ECOLIFT PRIOR TO SN P900018206 INCLUDES P900018210  
EXCLUDES  
P900016908,P900016909,P900016912,P900018139,P900018140,P900018148,P90  
0018168,P900018169,P900018173,P900018175,P900018176**

**SECTION 2 - ECOLIFT PRIOR TO SN P900018206 INCLUDES  
P900018210 EXCLUDES  
P900016908,P900016909,P900016912,P900018139,P900018140,P9000  
18148,P900018168,P900018169,P900018173,P900018175,P900018176**

**SECTION 2 - ECOLIFT PRIOR TO SN P900018206 INCLUDES P900018210  
EXCLUDES  
P900016908,P900016909,P900016912,P900018139,P900018140,P900018148,P900018168,P900018169,P900018173,P900018175,P900018176**

**FIGURE 2-1. FRAME ASSEMBLY (ECOLIFT)**



ART\_1001217469\_10F5

**SECTION 2 - ECOLIFT PRIOR TO SN P900018206 INCLUDES P900018210  
EXCLUDES  
P900016908,P900016909,P900016912,P900018139,P900018140,P900018148,P90  
0018168,P900018169,P900018173,P900018175,P900018176**

**FIGURE 2-1. FRAME ASSEMBLY (ECOLIFT)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001217469	Ref	FRAME ASSEMBLY	D
101	1001264556	5	Bolt M6 x 35	
102	1001264557	13	Nut M6	
106	1001265112	15	Washer M6	
107	1001265113	36	Washer M8	
109	1001265115	2	Washer M10	
110	1001265116	1	Washer M10	
112	1001265121	2	Capscrew M8 x 30	
114	1001265124	3	Capscrew M5 x 12	
115	1001265127	1	Capscrew M6 x 20	
117	1001265133	2	Nut M4	
118	1001265134	3	Nut M5	
119	1001265135	22	Nut M8	
120	1001265136	1	Nut M10	
122	1001265139	2	Nut M16	
123	1001265147	2	Nut 3/4	
125	1001265461	8	Washer M6	
126	1001265462	3	Washer M12	
130	1001265508	1	Screw M10 x 30	
131	1001265512	4	Capscrew M6 x 30	
133	1001265642	1	Strap, Ground	
134	1001265746	2	Nut M12	
135	1001265750	2	Washer M29	
136	1001265991	1	Washer M20	
139	1001266105	4	Circlip	
141	1001266108	2	Pin, Cotter 5/32 x 1-1/4	
144	1001266112	4	Screw M6 x 25	
145	1001266113	20	Screw M8 x 25	
146	1001266114	2	Screw M8 x 50	
152	1001266122	2	Capscrew M4 x 20	
160	1001266131	4	Capscrew M8 x 45	
172	1001266244	2	Plate, Brake Cam	
174	1001266246	2	Disc, Brake	
175	1001266247	2	Plate, Brake Cam	
189	1001266412	8	Screw #8 x 1-1/2	
192	1001266415	2	Capscrew M3 x 12	
194	1001266417	1	Capscrew M12 x 45	
195	1001266418	2	Capscrew M4 x 16	
198	1001266421	2	Nut M3	
199	1001266422	2	Spacer	
200	1001266423	1	Frame	
201	1001266424	2	Bushing, Brake Pin	
202	1001266425	2	Bushing, Brake Pin	
205	1001266428	1	Release	
206	1001266429	1	Spacer	
207	1001266430	1	Cradle (Emergency Lowering)	

**SECTION 2 - ECOLIFT PRIOR TO SN P900018206 INCLUDES P900018210  
EXCLUDES**

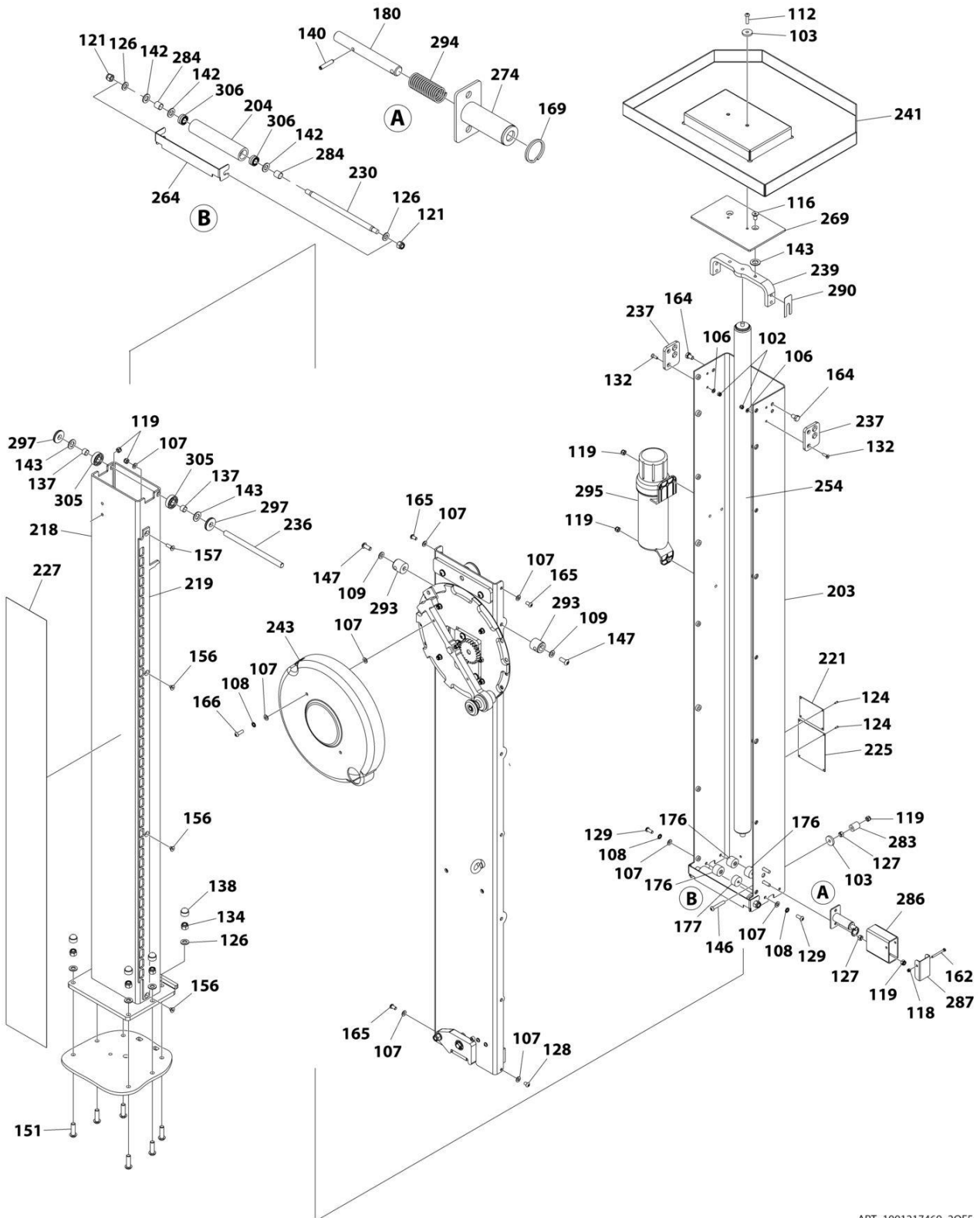
**P900016908,P900016909,P900016912,P900018139,P900018140,P900018148,P900018168,P900018169,P900018173,P900018175,P900018176**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
208	1001266431	1	Pole, Extension (Emergency Lowering)	
209	1001266433	1	Head (Emergency Lowering)	
213	1001266438	1	Spring, Tool	
215	1001266614	1	Bushing	
216	1001267378	1	Pole, Emergency Lowering (Includes Items 101, 102, 106, 115, 195, 205-209, 213)	
220	1001267384	2	Block	
224	ECLM414	2	Clip	
231	ECLM420	2	Guard, Hub	
233	ECLM422	1	Spacer	
234	ECLM423	2	Axle	
240	ECLM600	2	Wheel, Fixed	
242	ECLM602	1	Cover, Chassis	
244	ECLM604	2	Bumper (Side)	
245	ECLM605	2	Bumper (Step)	
246	ECLM606	2	Pin, Brake	
247	ECLM608	1	Bumper (Rear)	
249	ECLM610	2	Strip, Bumper (Step)	
250	ECLM611	2	Bumper (Corner)	
253	ECLM614	1	Brush	
259	ECLM621	1	Bumper (Side)	
260	ECLM622	1	Bumper (Rear)	
263	ECLM701	1	Step	
273	PELM414	2	Spring, Brake	
277	PELM451	1	Level	
300	PTM102	1	Castor - Swivel	
301	PTM1022	1	Castor - Swivel	
303	PTM163	2	Cap	



**SECTION 2 - ECOLIFT PRIOR TO SN P900018206 INCLUDES P900018210  
EXCLUDES  
P900016908,P900016909,P900016912,P900018139,P900018140,P900018148,P900018168,P900018169,P900018173,P900018175,P900018176**

**FIGURE 2-2. MAST ASSEMBLY (ECOLIFT)**



ART\_1001217469\_20F5



**SECTION 2 - ECOLIFT PRIOR TO SN P900018206 INCLUDES P900018210  
EXCLUDES  
P900016908,P900016909,P900016912,P900018139,P900018140,P900018148,P90  
0018168,P900018169,P900018173,P900018175,P900018176**

**FIGURE 2-2. MAST ASSEMBLY (ECOLIFT)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001217469	Ref	MAST ASSEMBLY	D
102	1001264557	2	Nut M6	
103	1001264558	4	Washer M8	
106	1001265112	2	Washer M6	
107	1001265113	11	Washer M8	
108	1001265114	4	Washer M8	
109	1001265115	2	Washer M10	
112	1001265121	2	Capscrew M8 x 30	
116	1001265131	2	Capscrew M10 x 20	
118	1001265134	1	Nut M5	
119	1001265135	10	Nut M8	
121	1001265138	2	Nut M12	
124	1001265149	4	Rivet	
126	1001265462	8	Washer M12	
127	1001265496	4	Nut M8	
128	1001265506	1	Capscrew M8 x 12	
129	1001265507	4	Capscrew M8 x 20	
132	1001265514	4	Capscrew M6 x 25	
134	1001265746	6	Nut M12	
137	1001266100	2	Bushing	
138	1001266101	6	Cap, Nut	
140	1001266107	1	Pin, Spring	
142	1001266109	3	Washer M14	
143	1001266110	4	Washer M16	
146	1001266114	2	Screw M8 x 50	
147	1001266115	2	Screw M10 x 25	
151	1001266121	6	Screw M12 x 40	
156	1001266127	3	Capscrew M8 x 10	
157	1001266128	1	Capscrew M8 x 25	
162	1001266137	1	Bolt M5 x 50	
164	1001266139	4	Bolt M10 x 16	
165	1001266144	9	Capscrew M8 x 16	
166	1001266145	2	Capscrew M8 x 25	
169	1001266211	1	Ring, Interlock Pin	
176	1001266254	3	Disc, Wear	
177	1001266255	1	Disc, Wear	
180	1001266259	1	Pin, Interlock	
203	1001266426	1	Mast (Outer)	
204	1001266427	1	Roller, Outer Mast	
218	1001267382	1	Mast (Inner)	
219	1001267383	1	Strap, Belt Interlock	
221	See Note	NSS	Nameplate - Manufacturers Serial Number (Note: Not Available for Purchase)	
225	See Note	NSS	Nameplate - Manufacturers Serial Number (Note: Not Available for Purchase)	
227	ECLM416	1	Strip, Wear	

**SECTION 2 - ECOLIFT PRIOR TO SN P900018206 INCLUDES P900018210  
EXCLUDES**

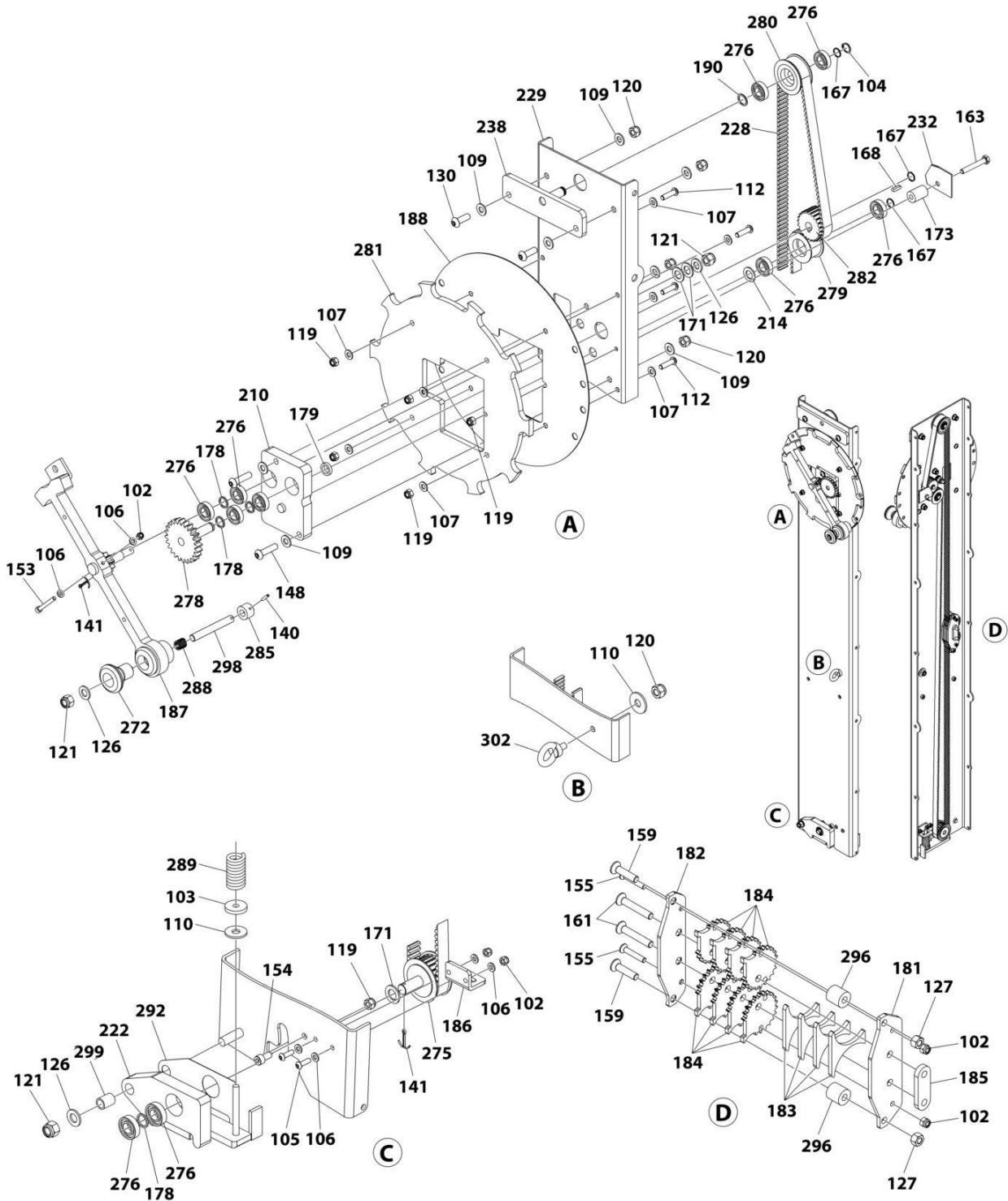
**P900016908,P900016909,P900016912,P900018139,P900018140,P900018148,P900018168,P900018169,P900018173,P900018175,P900018176**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
230	ECLM419	1	Axle	
236	ECLM426	1	Axle	
237	ECLM428	2	Plate, Lock	
239	ECLM434	1	Mount, Strut	
241	ECLM601	1	Tray, Tool	
243	ECLM603	1	Cover, Handle	
254	ECLM615	1	Strut, Gas	
264	ECLM702	1	Cover	
269	ECLM708	1	Cap, Mast	
274	PELM421	1	Housing, Interlock	
283	PELM475	2	Bushing	
284	PELM478	2	Spacer	
286	PELM481	1	Cover, Interlock Housing	
287	PELM482	1	Cap, Interlock Housing	
290	PELM485	1	Spacer	
293	PELM489	6	Peg, Cage Mounting	
294	PELM494	1	Spring	
295	PELM495	1	Container, Document	
297	PELM498	2	Roller	
305	PTNSPM562	2	Bearing	
306	PTNSPM664	2	Bearing	



**SECTION 2 - ECOLIFT PRIOR TO SN P900018206 INCLUDES P900018210  
EXCLUDES  
P900016908,P900016909,P900016912,P900018139,P900018140,P900018148,P900018168,P900018169,P900018173,P900018175,P900018176**

**FIGURE 2-3. PULLEY PANEL COMPONENTS (ECOLIFT)**



ART\_1001217469\_30F5

**SECTION 2 - ECOLIFT PRIOR TO SN P900018206 INCLUDES P900018210  
EXCLUDES  
P900016908,P900016909,P900016912,P900018139,P900018140,P900018148,P90  
0018168,P900018169,P900018173,P900018175,P900018176**

**FIGURE 2-3. PULLEY PANEL COMPONENTS (ECOLIFT)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001217469	Ref	PULLEY PANEL COMPONENTS	D
102	1001264557	5	Nut M6	
103	1001264558	1	Washer M8	
104	1001264559	1	Ring, Retaining	
105	1001264707	2	Bolt M6 x 20	
106	1001265112	6	Washer M6	
107	1001265113	8	Washer M8	
109	1001265115	8	Washer M10	
110	1001265116	2	Washer M10	
112	1001265121	4	Capscrew M8 x 30	
119	1001265135	6	Nut M8	
120	1001265136	5	Nut M10	
121	1001265138	3	Nut M12	
126	1001265462	3	Washer M12	
127	1001265496	2	Nut M8	
130	1001265508	2	Screw M10 x 30	
140	1001266107	1	Pin	
141	1001266108	2	Pin, Cotter 5/32 x 1-1/4	
148	1001266117	2	Screw M10 x 40	
153	1001266123	1	Capscrew M6 x 50	
154	1001266124	1	Capscrew M8 x 16	
155	1001266126	2	Capscrew M6 x 35	
159	1001266130	2	Capscrew M8 x 35	
161	1001266132	2	Capscrew M8 x 50	
163	1001266138	1	Bolt M8 x 55	
167	1001266146	3	Ring, Spring	
168	1001266210	1	Key, Pulley	
171	1001266219	3	Washer, Plastic	
173	1001266245	1	Guide	
178	1001266257	4	Spacer	
179	1001266258	1	Spacer	
181	1001266260	1	Clamp (Base)	
182	1001266261	1	Clamp (Top)	
183	1001266262	4	Clamp (Middle)	
184	1001266264	8	Clamp (Cog)	
185	1001266265	1	Spacer	
186	1001266273	1	Mount	
187	1001266274	1	Handle, Crank	
188	1001266275	1	Cover, Lock Plate	
190	1001266413	1	Washer	
210	1001266434	1	Block	
214	1001266439	1	Washer	
222	ECLM412	1	Plate, Lower Tensioner	
228	ECLM417	1	Belt	
229	ECLM418	1	Panel, Pulley Mounting	
232	ECLM421	1	Plate, Drive Belt	

**SECTION 2 - ECOLIFT PRIOR TO SN P900018206 INCLUDES P900018210  
EXCLUDES**

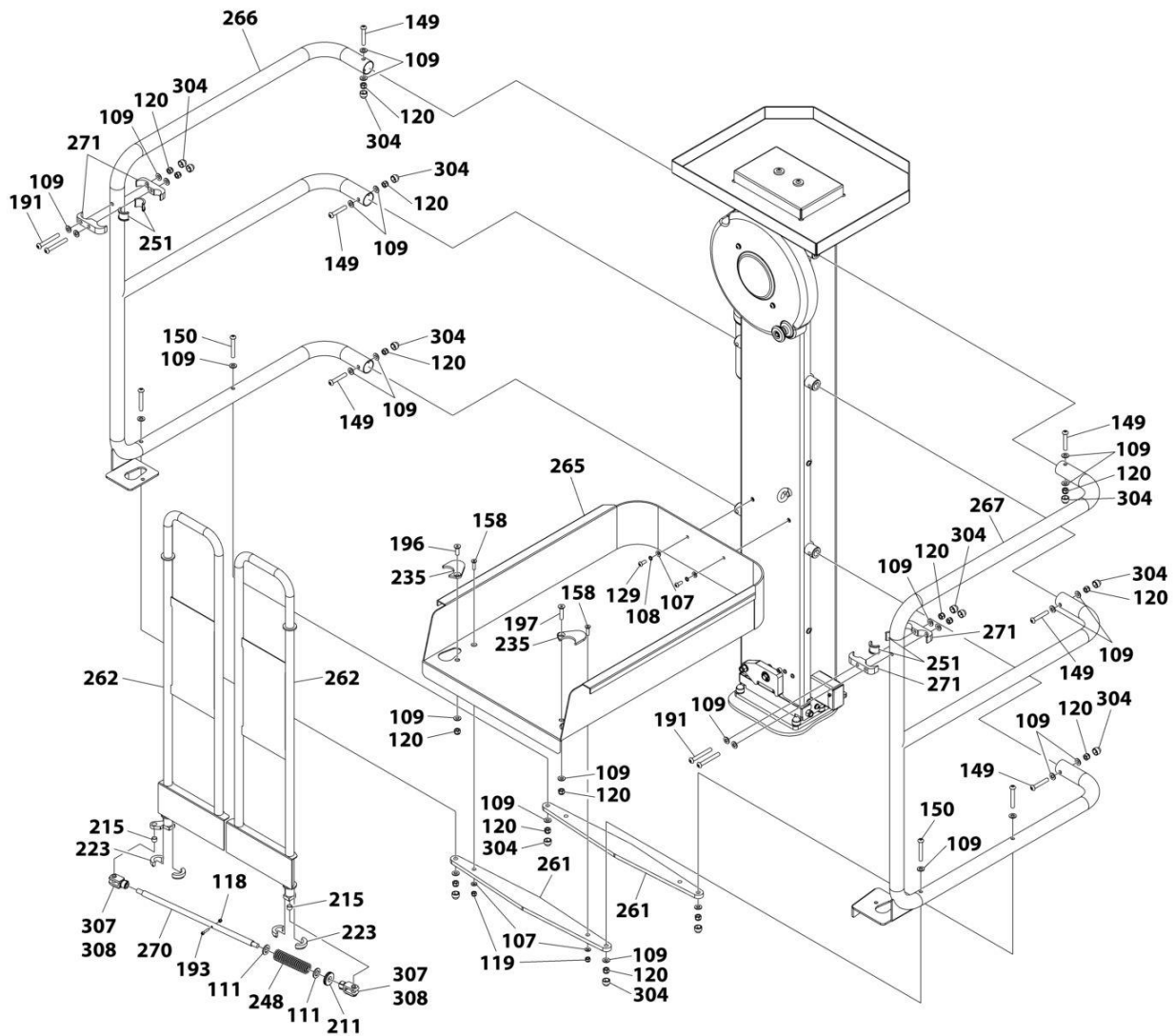
**P900016908,P900016909,P900016912,P900018139,P900018140,P900018148,P900018168,P900018169,P900018173,P900018175,P900018176**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
238	ECLM431	1	Mount, Free Wheel Pulley	
272	PELM412	1	Knob, Handle	
275	PELM429	1	Pulley (Lower)	
276	PELM442	10	Bearing, Pulley	
278	PELM462	1	Gear	
279	PELM467	1	Pulley, Guide	
280	PELM469	1	Pulley, Free Wheel	
281	PELM471	1	Plate, Lock	
282	PELM472	1	Pulley, Drive	
285	PELM480	1	Tip, Lock Pin	
288	PELM483	1	Spring, Handle	
289	PELM484	1	Spring, Belt	
292	PELM488	1	Plate, Tensioner	
296	PELM496	2	Bushing	
298	PELM499	1	Pin, Lock	
299	PELM506	1	Bushing	
302	PTM149	1	Bolt, Collared	



**SECTION 2 - ECOLIFT PRIOR TO SN P900018206 INCLUDES P900018210  
EXCLUDES  
P900016908,P900016909,P900016912,P900018139,P900018140,P900018148,P900018168,P900018169,P900018173,P900018175,P900018176**

**FIGURE 2-4. PLATFORM ASSEMBLY (ECOLIFT)**



ART\_1001217469\_40F5



**SECTION 2 - ECOLIFT PRIOR TO SN P900018206 INCLUDES P900018210  
EXCLUDES  
P900016908,P900016909,P900016912,P900018139,P900018140,P900018148,P90  
0018168,P900018169,P900018173,P900018175,P900018176**

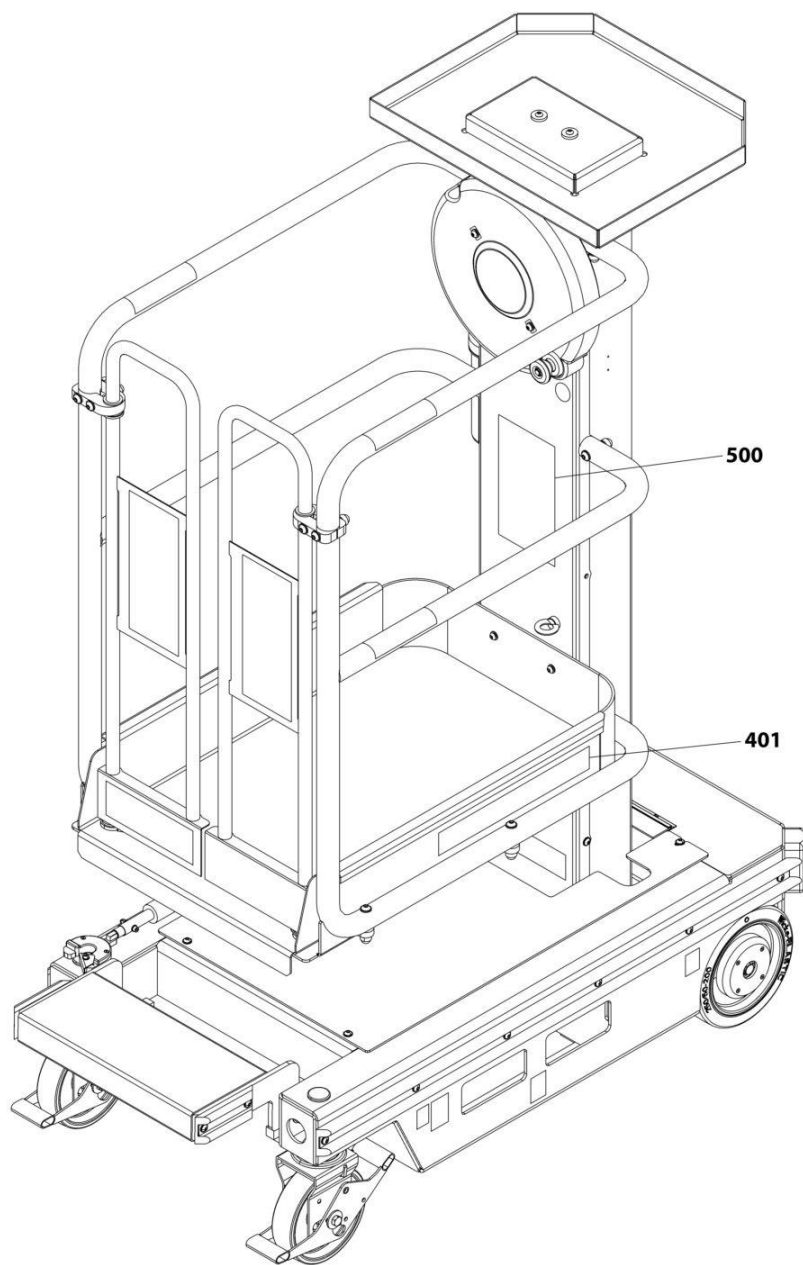
**FIGURE 2-4. PLATFORM ASSEMBLY (ECOLIFT)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001217469	Ref	PLATFORM ASSEMBLY	D
107	1001265113	4	Washer M8	
108	1001265114	2	Washer M8	
109	1001265115	30	Washer M10	
111	1001265117	2	Washer M16	
118	1001265134	1	Nut M5	
119	1001265135	2	Nut M8	
120	1001265136	16	Nut M10	
129	1001265507	2	Capscrew M8 x 20	
149	1001266119	6	Screw M10 x 60	
150	1001266120	4	Screw M10 x 70	
158	1001266129	2	Capscrew M8 x 30	
191	1001266414	4	Screw M10 x 80	
193	1001266416	1	Capscrew M5 x 25	
196	1001266419	1	Capscrew M10 x 30	
197	1001266420	1	Capscrew M10 x 45	
211	1001266435	1	Spacer	
215	1001266614	2	Bushing	
223	ECLM413	2	Bushing	
235	ECLM425	1	Cover, Gate (Pair)	
248	ECLM609	1	Spring	
251	ECLM612	2	Bushing	
261	ECLM623	2	Strap, Platform Tray Support	
262	ECLM700	1	Gate, Platform (Non-Locking Gate)	
265	ECLM704	1	Tray, Platform	
266	ECLM705	1	Guardrail - Left	
267	ECLM706	1	Guardrail - Right	
270	ECLM709	1	Rod, Gate Link	
271	ECLM710	4	Bracket, Hinge	
304	PTNSPM560	14	Cap, Nut	
307	1001279106	2	Body, Clevis	
308	1001279107	2	Clip, Clevis	

**SECTION 2 - ECOLIFT PRIOR TO SN P900018206 INCLUDES P900018210  
EXCLUDES**

**P900016908,P900016909,P900016912,P900018139,P900018140,P900018148,P900018168,P900018169,P900018173,P900018175,P900018176**

**FIGURE 2-5. DECAL INSTALLATION (ECOLIFT)**



ART\_1001217469\_SOF5

**SECTION 2 - ECOLIFT PRIOR TO SN P900018206 INCLUDES P900018210  
EXCLUDES  
P900016908,P900016909,P900016912,P900018139,P900018140,P900018148,P90  
0018168,P900018169,P900018173,P900018175,P900018176**

**FIGURE 2-5. DECAL INSTALLATION (ECOLIFT)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001217469	Ref	DECAL INSTALLATION	D
401	ECLM802	1 pr	Decal - Ecolift Logo	
500	See Note	Ref	Kit, Decal Sheet (Note: Individual Decals are Not Available for Purchase - Purchase Complete Sheet)	
	ECLM800	1	Decal, English Ecolift, Complete Sheet	
	ECLM800DAN	1	Decal, Danish Ecolift, Complete Sheet	
	ECLM800DU	1	Decal, Dutch Ecolift, Complete Sheet	
	ECLM800EST	1	Decal, Estonian Ecolift, Complete Sheet	
	ECLM800FIN	1	Decal, Finnish Ecolift, Complete Sheet	
	ECLM800FR	1	Decal, French Ecolift, Complete Sheet	
	ECLM800GER	1	Decal, German Ecolift, Complete Sheet	
	ECLM800ITA	1	Decal, Italian Ecolift, Complete Sheet	
	ECLM800NOR	1	Decal, Norwegian Ecolift, Complete Sheet	
	ECLM800POL	1	Decal, Polish Ecolift, Complete Sheet	
	ECLM800SPA	1	Decal, Spanish Ecolift, Complete Sheet	
	ECLM800SWE	1	Decal, Swedish Ecolift, Complete Sheet	
	ECLM800TUR	1	Decal, Turkish Ecolift, Complete Sheet	
	ECLM800HUN	1	Decal, Hungarian Ecolift, Complete Sheet	
	ECLM800POR	1	Decal, Portuguese Ecolift, Complete Sheet	
	ECLM802	1	Decal, Ecolift Logo (Pair)	
	1001266411	1	Decal, Ecolift Safety Tape	



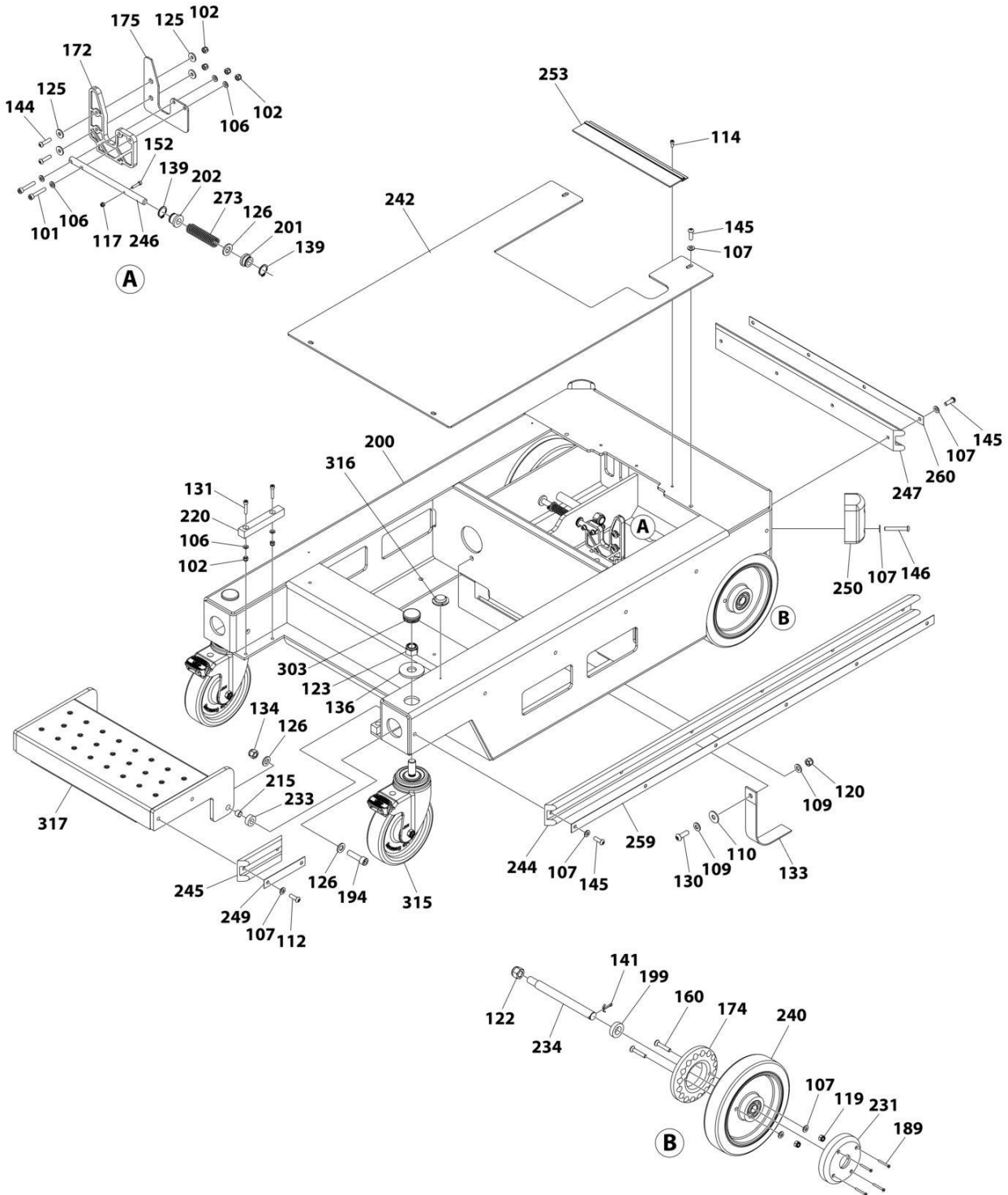
**SECTION 3 - ECOLIFT SN  
P900016908,P900016909,P900016912,P900018139,P900018140,P900018148,P90  
0018168,P900018169,P900018173,P900018175,P900018176,P900018206 TO  
PRESENT,EXCLUDES P900018210**

**SECTION 3 - ECOLIFT SN  
P900016908,P900016909,P900016912,P900018139,P900018140,P9000  
18148,P900018168,P900018169,P900018173,P900018175,P900018176,  
P900018206 TO PRESENT,EXCLUDES P900018210**

**SECTION 3 - ECOLIFT SN**

**P900016908,P900016909,P900016912,P900018139,P900018140,P900018148,P900018168,P900018169,P900018173,P900018175,P900018176,P900018206 TO PRESENT,EXCLUDES P900018210**

**FIGURE 3-1. FRAME ASSEMBLY (ECOLIFT)**



ART\_1001291052\_10F5

**SECTION 3 - ECOLIFT SN  
P900016908,P900016909,P900016912,P900018139,P900018140,P900018148,P90  
0018168,P900018169,P900018173,P900018175,P900018176,P900018206 TO  
PRESENT,EXCLUDES P900018210**

**FIGURE 3-1. FRAME ASSEMBLY (ECOLIFT)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001291052	Ref	FRAME ASSEMBLY	D
101	1001264556	2	Bolt M6 x 35	
102	1001264557	8	Nut M6	
106	1001265112	11	Washer M6	
107	1001265113	24	Washer M8	
109	1001265115	2	Washer M10	
110	1001265116	1	Washer M10	
112	1001265121	2	Capscrew M8 x 30	
114	1001265124	3	Capscrew M5 x 12	
117	1001265133	1	Nut M4	
119	1001265135	4	Nut M8	
120	1001265136	1	Nut M10	
122	1001265139	2	Nut M16	
123	1001265147	2	Nut 3/4	
125	1001265461	4	Washer M6	
126	1001265462	3	Washer M12	
130	1001265508	1	Screw M10 x 30	
131	1001265512	4	Capscrew M6 x 30	
133	1001265642	1	Strap, Ground	
134	1001265746	1	Nut M12 GRD 10	
136	1001265991	2	Washer M20	
139	1001266105	2	Circlip	
141	1001266108	2	Cotterpin 5/32 x 1-1/4	
144	1001266112	2	Screw M6 x 25	
145	1001266113	14	Screw M8 x 25	
146	1001266114	2	Screw M8 x 50	
152	1001266122	1	Capscrew M4 x 20	
160	1001266131	4	Capscrew M8 x 45	
172	1001266244	1	Plate, Brake Cam	
174	1001266246	2	Disc, Brake	
175	1001266247	1	Plate, Brake Cam	
189	1001266412	8	Screw #8 x 1-1/2	
194	1001266417	1	Capscrew M12 x 45	
199	1001266422	2	Spacer	
200	1001266423	1	Frame	
201	1001266424	1	Bushing	
202	1001266425	1	Bushing	
215	1001266614	1	Bushing	
220	1001267384	2	Block	
231	ECLM420	2	Guard, Hub	
233	ECLM422	1	Spacer	
234	ECLM423	2	Axle	
240	ECLM600	2	Wheel, Fixed	
242	ECLM602	1	Cover	
244	ECLM604	2	Bumper (Side)	
245	ECLM605	2	Bumper (Step)	

**SECTION 3 - ECOLIFT SN****P900016908,P900016909,P900016912,P900018139,P900018140,P900018148,P900018168,P900018169,P900018173,P900018175,P900018176,P900018206 TO PRESENT,EXCLUDES P900018210**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
246	ECLM606	1	Pin, Brake	
247	ECLM608	1	Bumper (Rear)	
249	ECLM610	2	Bumper (Step)	
250	ECLM611	2	Bumper (Corner)	
253	ECLM614	1	Brush	
259	ECLM621	1	Strip, Bumper (Side)	
260	ECLM622	1	Strip, Bumper (Rear)	
273	PELM414	2	Spring, Brake	
303	PTM163	2	Cap	
315	1001277964	2	Wheel, Blicke Castor	
316	PTM106	1	Level	
317	1001289040	1	Step	

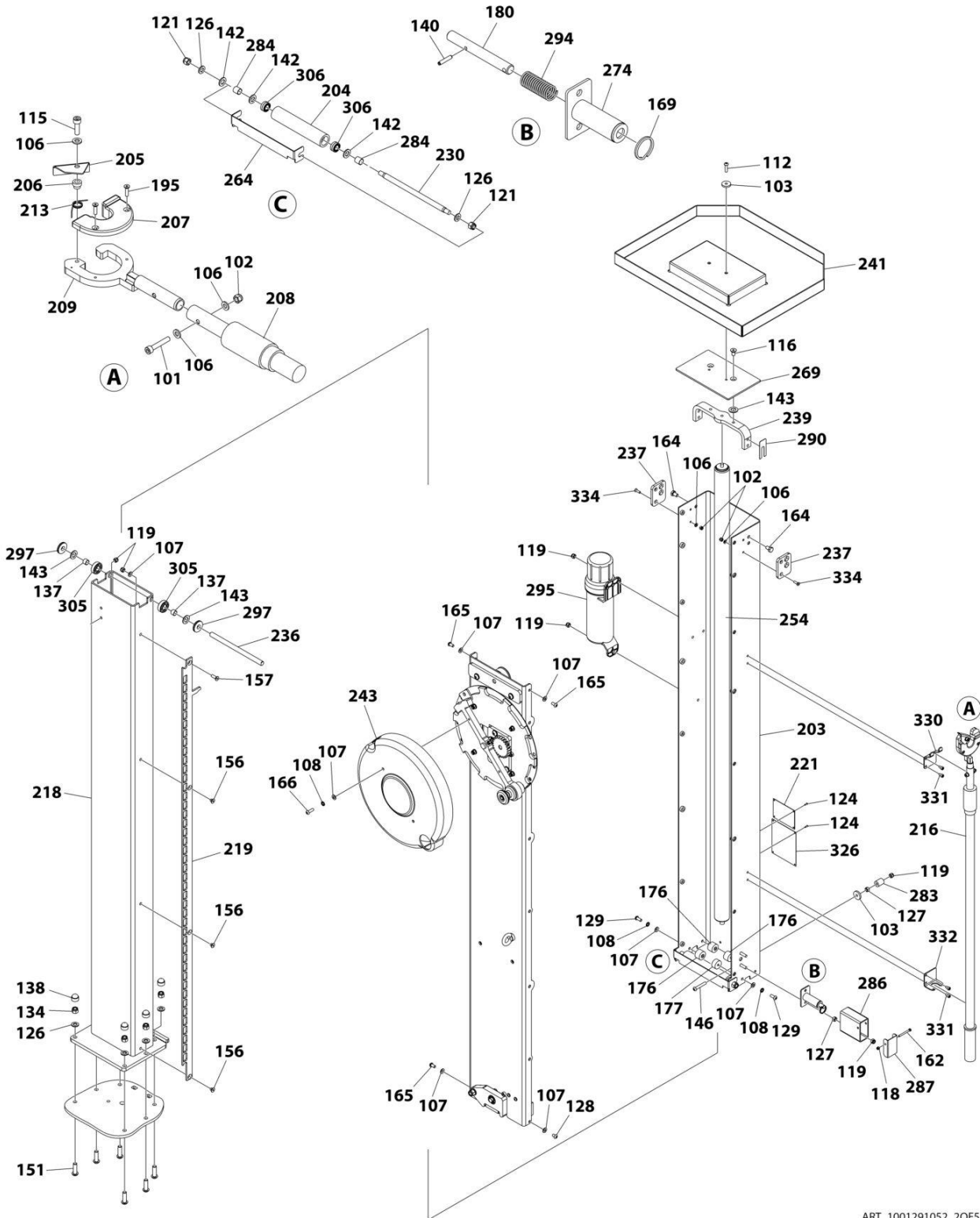




**SECTION 3 - ECOLIFT SN**

**P900016908,P900016909,P900016912,P900018139,P900018140,P900018148,P900018168,P900018169,P900018173,P900018175,P900018176,P900018206 TO PRESENT,EXCLUDES P900018210**

**FIGURE 3-2. MAST ASSEMBLY (ECOLIFT)**



ART\_1001291052\_20F5

**SECTION 3 - ECOLIFT SN  
P900016908,P900016909,P900016912,P900018139,P900018140,P900018148,P90  
0018168,P900018169,P900018173,P900018175,P900018176,P900018206 TO  
PRESENT,EXCLUDES P900018210**

**FIGURE 3-2. MAST ASSEMBLY (ECOLIFT)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001291052	Ref	MAST ASSEMBLY	D
101	1001264556	1	Bolt M6 x 35	
102	1001264557	3	Nut M6	
103	1001264558	4	Washer M8	
106	1001265112	5	Washer M6	
107	1001265113	9	Washer M8	
108	1001265114	4	Washer M8	
112	1001265121	2	Capscrew M8 x 30	
115	1001265127	1	Capscrew M6 x 20	
116	1001265131	2	Capscrew M10 x 20	
118	1001265134	1	Nut M5	
119	1001265135	10	Nut M8	
121	1001265138	2	Nut M12	
124	1001265149	4	Rivet	
126	1001265462	8	Washer M12	
127	1001265496	4	Nut M8	
128	1001265506	1	Capscrew M8 x 12	
129	1001265507	4	Capscrew M8 x 20	
134	1001265746	6	Nut M12 GRD 10	
137	1001266100	2	Spacer	
138	1001266101	6	Cap, Nut	
140	1001266107	1	Pin	
142	1001266109	3	Washer M14	
143	1001266110	4	Washer M16	
146	1001266114	2	Screw M8 x 50	
151	1001266121	6	Screw M12 x 40	
156	1001266127	3	Capscrew M8 x 10	
157	1001266128	1	Capscrew M8 x 25	
162	1001266137	1	Bolt M5 x 50	
164	1001266139	4	Bolt M10 x 16	
165	1001266144	9	Screw M8 x 16	
166	1001266145	2	Screw M8 x 25	
169	1001266211	1	Ring	
170	1001266212	1	Key, Security (Not Shown)	
176	1001266254	3	Disc, Wear 21MM	
177	1001266255	1	Disc, Wear 16MM	
180	1001266259	1	Pin	
195	1001266418	2	Capscrew M4 x 16	
203	1001266426	1	Mast (Outer)	
204	1001266427	1	Roller	
205	1001266428	1	Release	
206	1001266429	1	Spacer	
207	1001266430	1	Cradle (Emergency Lowering)	
208	1001266431	1	Pole, Extension (Emergency Lowering)	
209	1001266433	1	Head (Emergency Lowering)	
213	1001266438	1	Spring, Tool	

**SECTION 3 - ECOLIFT SN**

**P900016908,P900016909,P900016912,P900018139,P900018140,P900018148,P900018168,P900018169,P900018173,P900018175,P900018176,P900018206 TO PRESENT,EXCLUDES P900018210**

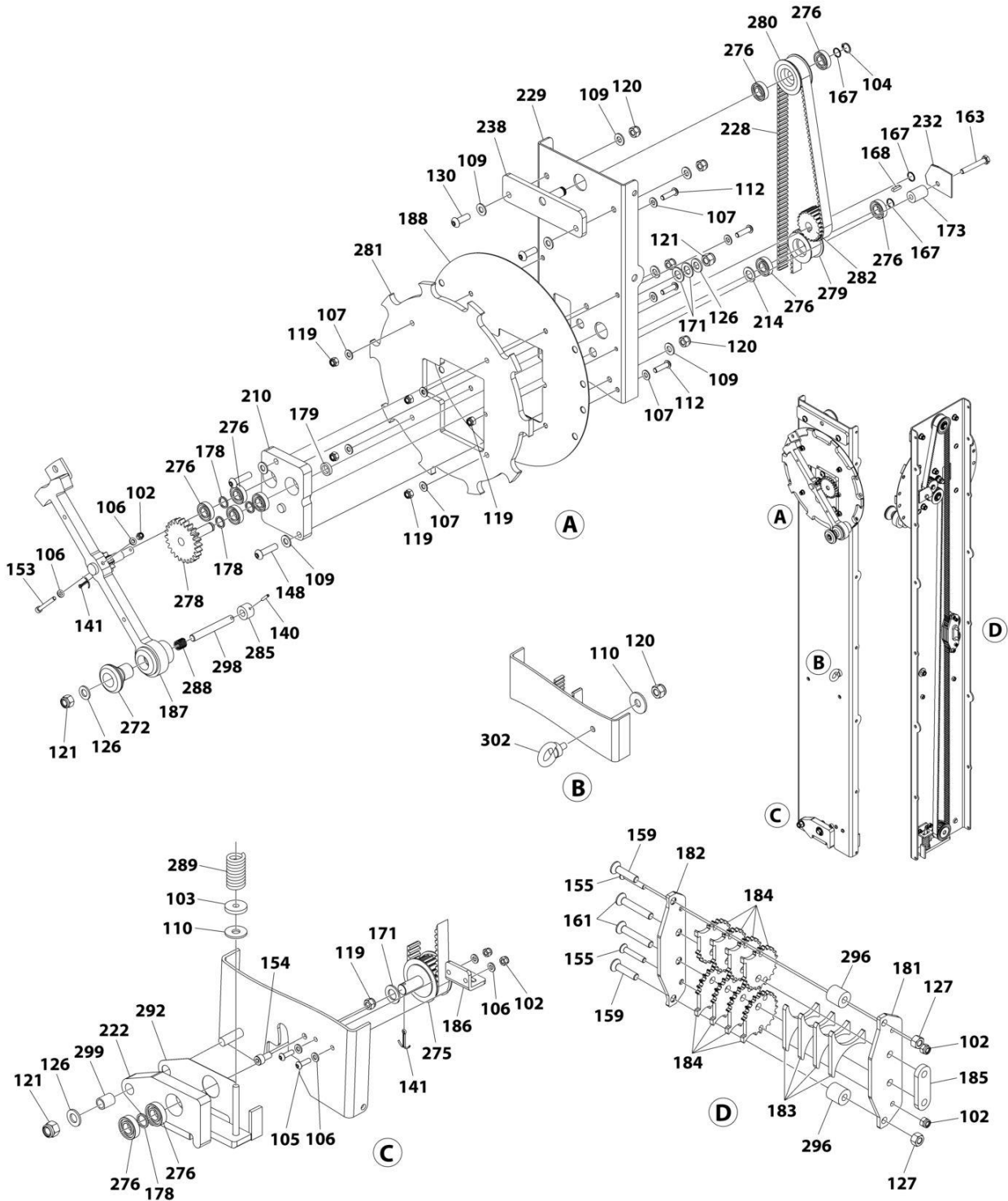
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
216	1001267378	1	Pole, Emergency Lowering (Includes Items 101, 102, 106, 115, 195, 205-209, 213)	
218	1001267382	1	Mast (Inner)	
219	1001267383	1	Strap, Belt Interlock	
221	See Note	NSS	Spec, Plate (Note: Not Available for Purchase)	
230	ECLM419	1	Axle	
236	ECLM426	1	Axle	
237	ECLM428	2	Plate, Bolt Lock	
239	ECLM434	1	Mount, Strut	
241	ECLM601	1	Tray, Tool	
243	ECLM603	1	Cover, Handle	
254	ECLM615	1	Strut, Gas	
264	ECLM702	1	Cover	
269	ECLM708	1	Cap, Mast	
274	PELM421	1	Housing, Belt Interlock	
283	PELM475	2	Bushing	
284	PELM478	2	Spacer	
286	PELM481	1	Cover, Interlock Housing	
287	PELM482	1	Cap, Interlock Housing	
290	PELM485	1	Spacer	
294	PELM494	1	Spring, Compression	
295	PELM495	1	Container, Document	
297	PELM498	2	Roller	
305	PTNSPM562	2	Bearing	
306	PTNSPM664	2	Bearing	
326	See Note	NSS	Plate - Manufacturers Serial Number (Note: Not Available for Purchase)	
330	1001290877	1	Clip	
331	1001265511	4	Capscrew M6 x 10	
332	1001290878	1	Clip	
334	1001266544	4	Capscrew M6 x 20	



# SECTION 3 - ECOLIFT SN

P900016908,P900016909,P900016912,P900018139,P900018140,P900018148,P900018168,P900018169,P900018173,P900018175,P900018176,P900018206 TO PRESENT,EXCLUDES P900018210

FIGURE 3-3. PULLEY PANEL COMPONENTS (ECOLIFT)



ART\_1001291052\_30F5

**SECTION 3 - ECOLIFT SN  
P900016908,P900016909,P900016912,P900018139,P900018140,P900018148,P900018168,P900018169,P900018173,P900018175,P900018176,P900018206 TO  
PRESENT,EXCLUDES P900018210**

**FIGURE 3-3. PULLEY PANEL COMPONENTS (ECOLIFT)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001291052	Ref	PULLEY PANEL COMPONENTS	D
102	1001264557	5	Nut M6	
103	1001264558	1	Washer M8	
104	1001264559	1	Ring, Retaining	
105	1001264707	2	Bolt M6 x 20	
106	1001265112	6	Washer M6	
107	1001265113	8	Washer M8	
109	1001265115	8	Washer M10	
110	1001265116	2	Washer M10	
112	1001265121	4	Capscrew M8 x 30	
119	1001265135	6	Nut M8	
120	1001265136	5	Nut M10	
121	1001265138	3	Nut M12	
126	1001265462	3	Washer M12	
127	1001265496	2	Nut M8	
130	1001265508	2	Screw M10 x 30	
140	1001266107	1	Pin	
141	1001266108	2	Pin, Cotter 5/32 x 1-1/4	
148	1001266117	2	Screw M10 x 40	
153	1001266123	1	Capscrew M6 x 50	
154	1001266124	1	Capscrew M8 x 16	
155	1001266126	2	Capscrew M6 x 35	
159	1001266130	2	Capscrew M8 x 35	
161	1001266132	2	Capscrew M8 x 50	
163	1001266138	1	Bolt M8 x 55	
167	1001266146	3	Ring, Spring	
168	1001266210	1	Key, Pulley	
171	1001266219	3	Washer, Plastic	
173	1001266245	1	Guide	
178	1001266257	4	Spacer	
179	1001266258	1	Spacer	
181	1001266260	1	Clamp (Base)	
182	1001266261	1	Clamp (Top)	
183	1001266262	4	Clamp (Middle)	
184	1001266264	8	Clamp (Cog)	
185	1001266265	1	Spacer	
186	1001266273	1	Mount	
187	1001266274	1	Handle, Crank	
188	1001266275	1	Cover, Lock Plate	
210	1001266434	1	Plate, Drive Bearing Block	
214	1001266439	1	Washer	
222	ECLM412	1	Plate, Lower Tensioner	
228	ECLM417	1	Belt	
229	ECLM418	1	Panel, Pulley Mounting	
232	ECLM421	1	Plate, Washer Drive Belt	
238	ECLM431	1	Mount, Freewheel Pulley	

**SECTION 3 - ECOLIFT SN****P900016908,P900016909,P900016912,P900018139,P900018140,P900018148,P900018168,P900018169,P900018173,P900018175,P900018176,P900018206 TO PRESENT,EXCLUDES P900018210**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
272	PELM412	1	Knob, Handle	
275	PELM429	1	Pulley (Lower)	
276	PELM442	10	Bearing, Pulley	
278	PELM462	1	Gear	
279	PELM467	1	Pulley, Guide Wheel	
280	PELM469	1	Pulley, Freewheel	
281	PELM471	1	Plate, Lock	
282	PELM472	1	Pulley, Drive	
285	PELM480	1	Tip, Pin Lock	
288	PELM483	1	Spring, Handle	
289	PELM484	1	Spring, Belt	
292	PELM488	1	Plate, Tensioner	
296	PELM496	2	Bushing	
298	PELM499	1	Pin, Lock	
299	PELM506	1	Bushing	
302	PTM149	1	Bolt, Collared	

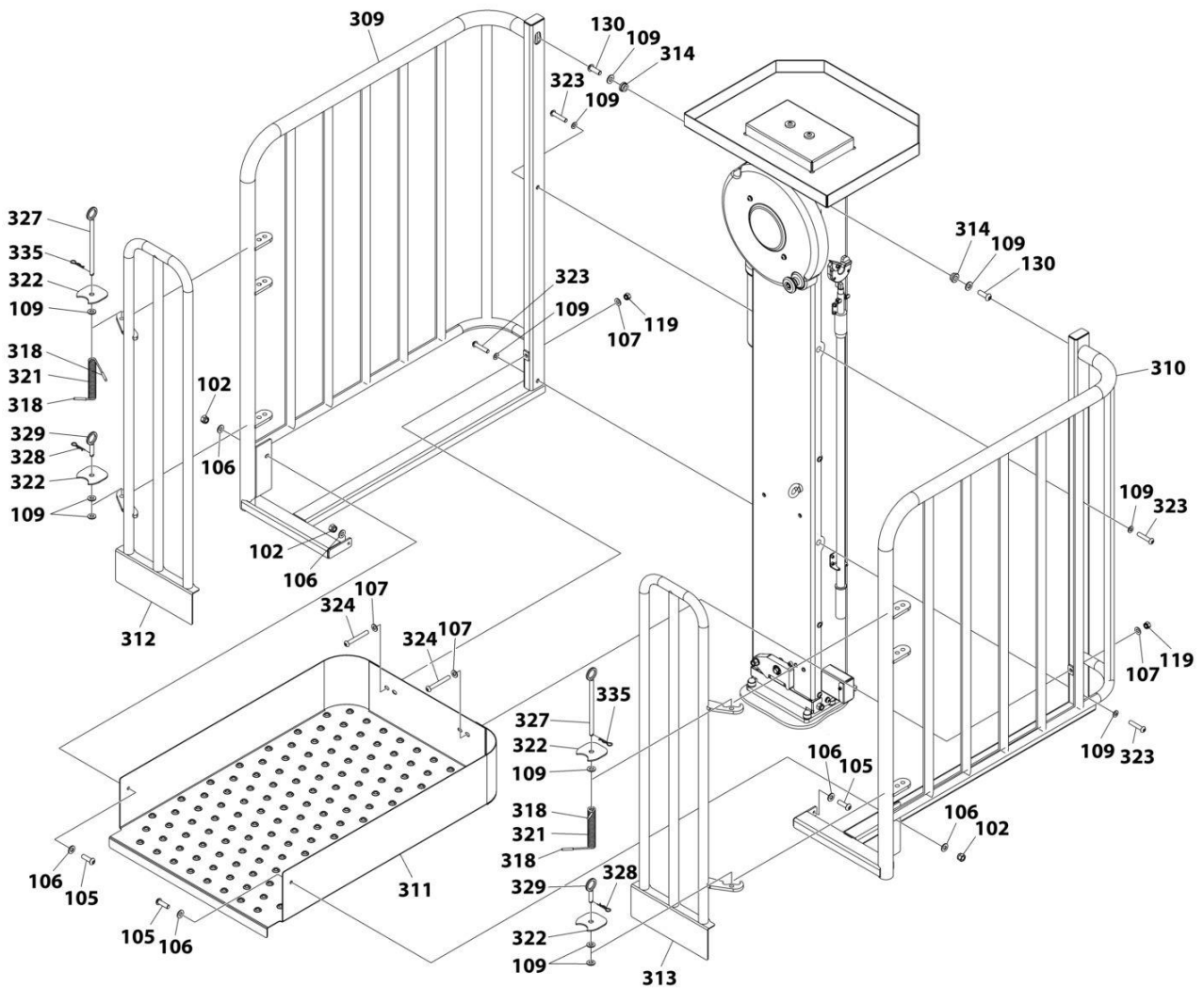




# SECTION 3 - ECOLIFT SN

P900016908,P900016909,P900016912,P900018139,P900018140,P900018148,P900018168,P900018169,P900018173,P900018175,P900018176,P900018206 TO PRESENT,EXCLUDES P900018210

FIGURE 3-4. PLATFORM ASSEMBLY (ECOLIFT)



ART\_1001291052\_4OF5

**SECTION 3 - ECOLIFT SN  
P900016908,P900016909,P900016912,P900018139,P900018140,P900018148,P900018168,P900018169,P900018173,P900018175,P900018176,P900018206 TO  
PRESENT,EXCLUDES P900018210**

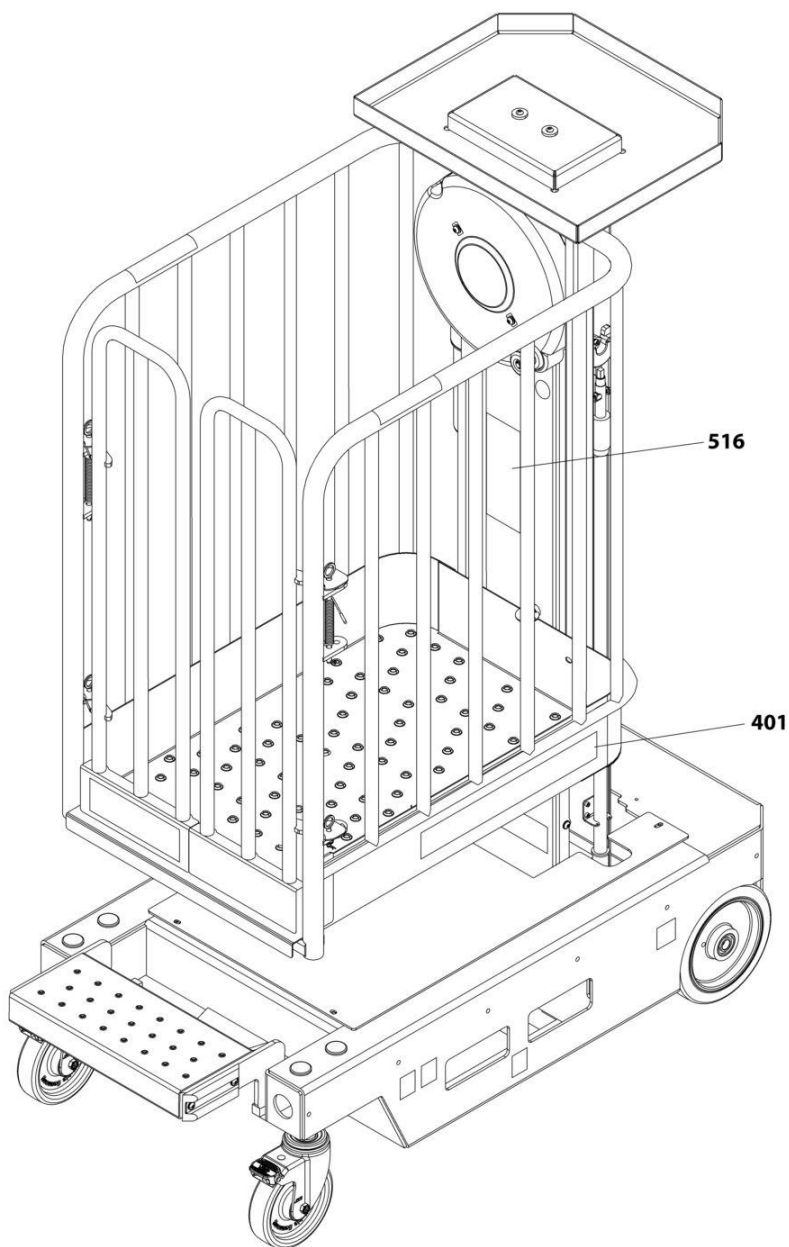
**FIGURE 3-4. PLATFORM ASSEMBLY (ECOLIFT)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001291052	Ref	PLATFORM ASSEMBLY	D
102	1001264557	3	Nut M6	
105	1001264707	3	Bolt M6 x 20	
106	1001265112	6	Washer M6	
107	1001265113	4	Washer M8	
109	1001265115	12	Washer M10	
119	1001265135	2	Nut M8	
130	1001265508	2	Screw M10 x 30	
309	1001288689	1	Rail (LH)	
310	1001288690	1	Rail (RH)	
311	1001288254	1	Floor, Platform	
312	1001288248	1	Gate (LH)	
313	1001288253	1	Gate (RH)	
314	1001289242	2	Adapter	
318	1001265092	4	Cap, Spring	
321	1001266216	2	Spring, Gate	
322	PELM430	4	Cover, Hinge	
323	1001290778	4	Capscrew M10 x 50	
324	1001290779	2	Screw M8 x 65	
327	1001290784	2	Pin, Gate (Long)	
328	1001293031	2	Lanyard, Gate Pin (Short)	
329	1001290785	2	Pin, Gate (Short)	
335	1001293032	2	Lanyard, Gate Pin (Long)	

**SECTION 3 - ECOLIFT SN**

**P900016908,P900016909,P900016912,P900018139,P900018140,P900018148,P900018168,P900018169,P900018173,P900018175,P900018176,P900018206 TO PRESENT,EXCLUDES P900018210**

**FIGURE 3-5. DECAL INSTALLATION (ECOLIFT)**



ART\_1001291052\_5OF5

**SECTION 3 - ECOLIFT SN  
P900016908,P900016909,P900016912,P900018139,P900018140,P900018148,P900018168,P900018169,P900018173,P900018175,P900018176,P900018206 TO  
PRESENT,EXCLUDES P900018210**

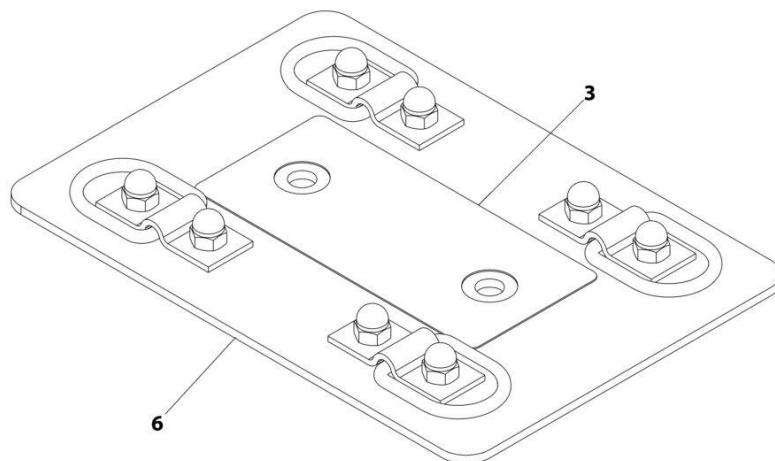
**FIGURE 3-5. DECAL INSTALLATION (ECOLIFT)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001291052	Ref	DECAL INSTALLATION	D
	1001269330	Ref	DECAL INSTALLATION	B
401	ECLM802	1 pr	Decal, Ecolift Logo	
516	1001287533	1	Kit, Decal Sheet Ecolift (Note: Individual Decals are Not Available for Purchase)	

**SECTION 3 - ECOLIFT SN**

**P900016908,P900016909,P900016912,P900018139,P900018140,P900018148,P900018168,P900018169,P900018173,P900018175,P900018176,P900018206 TO PRESENT,EXCLUDES P900018210**

**FIGURE 3-6. TETHER PLATE ASSEMBLY (ECOLIFT)**



ART\_1001288487

**SECTION 3 - ECOLIFT SN  
P900016908,P900016909,P900016912,P900018139,P900018140,P900018148,P900018168,P900018169,P900018173,P900018175,P900018176,P900018206 TO  
PRESENT,EXCLUDES P900018210**

**FIGURE 3-6. TETHER PLATE ASSEMBLY (ECOLIFT)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001288487	Ref	TETHER PLATE ASSEMBLY	C
3	1001288659	1	Decal - Tether Load	
6	1001294643	NSS	Plate, Tether (Note: Use PN 1001288487)	

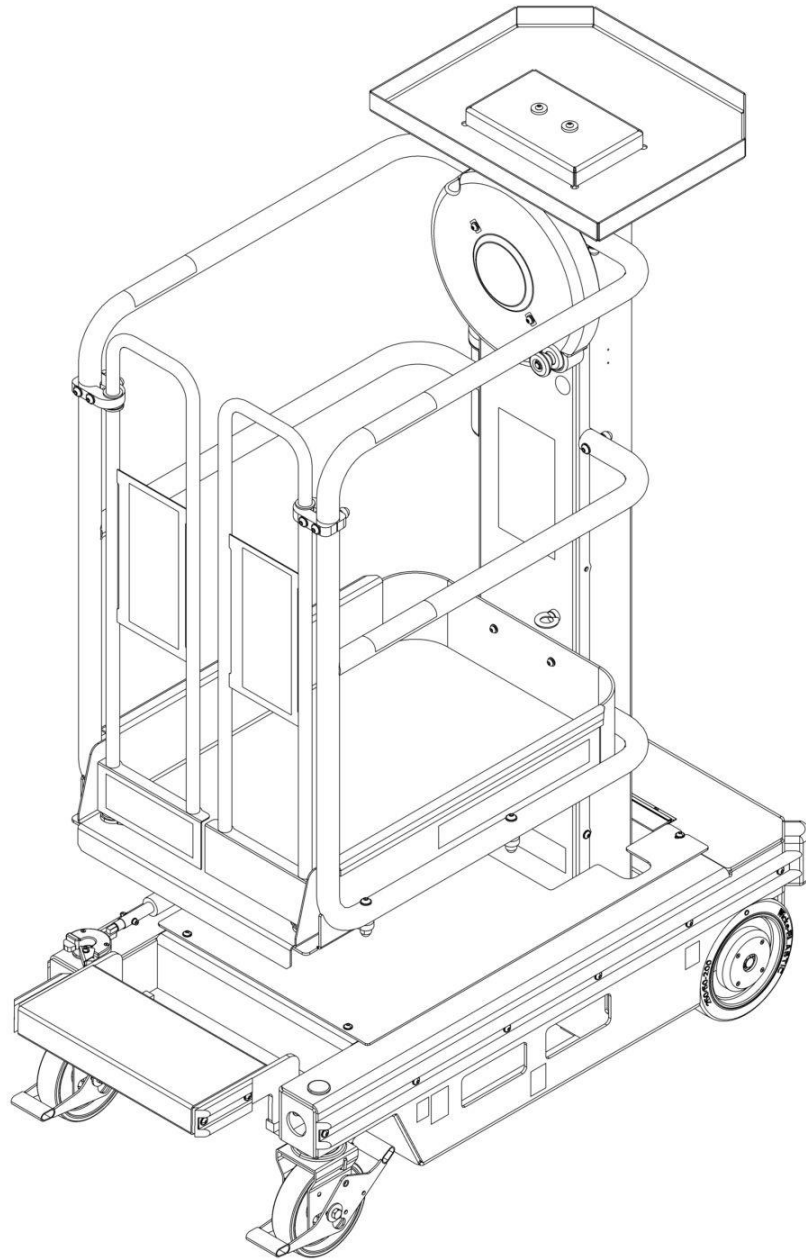




**SECTION 4 - ECOLIFT S**

## SECTION 4 - ECOLIFT S

FIGURE 4-1. ECOLIFT S (ECOLIFT S)



ART\_ECOLIFT-S

**SECTION 4 - ECOLIFT S**

**FIGURE 4-1. ECOLIFT S (ECOLIFT S)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	See Note	Ref Ref	ECOLIFT S Note: Qty 5 Machines Built. Contact Power Tower Engineering Dept for Replacement Parts.	

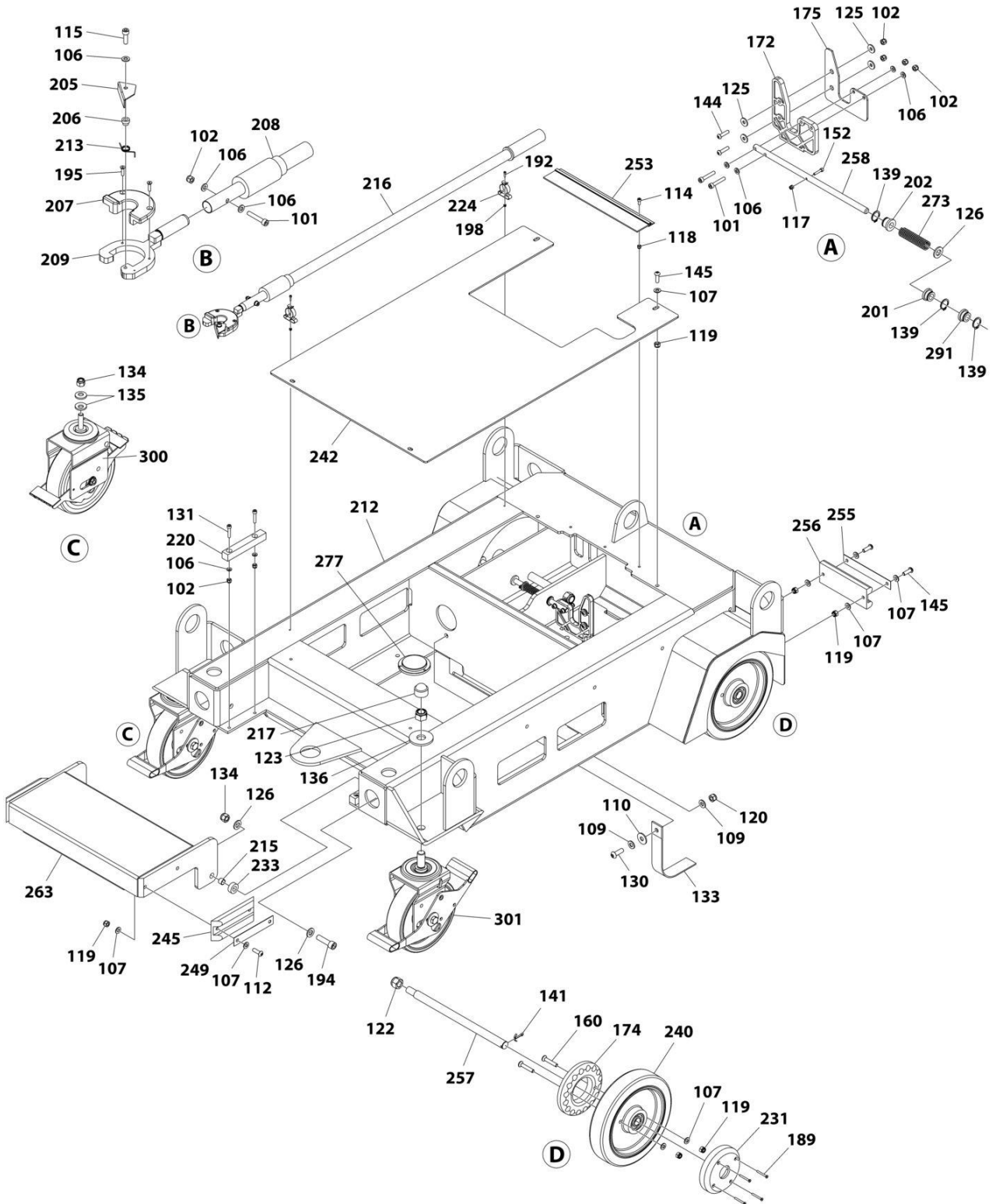


**SECTION 5 - ECOLIFT WR PRIOR TO SN 13162322J & PRIOR TO SN  
P900018081**

**SECTION 5 - ECOLIFT WR PRIOR TO SN 13162322J & PRIOR TO SN  
P900018081**

**SECTION 5 - ECOLIFT WR PRIOR TO SN 13162322J & PRIOR TO SN P900018081**

**FIGURE 5-1. FRAME ASSEMBLY (ECOLIFTWR)**



ART\_1001223522\_10F5

**SECTION 5 - ECOLIFT WR PRIOR TO SN 13162322J & PRIOR TO SN  
P900018081**

**FIGURE 5-1. FRAME ASSEMBLY (ECOLIFTWR)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001223522	Ref	FRAME ASSEMBLY	D
101	1001264556	3	Bolt M6 x 35	
102	1001264557	7	Nut M6	
106	1001265112	9	Washer M6	
107	1001265113	14	Washer M8	
109	1001265115	2	Washer M10	
110	1001265116	1	Washer M10	
112	1001265121	2	Capscrew M8 x 30	
114	1001265124	3	Capscrew M5 x 12	
115	1001265127	1	Capscrew M6 x 20	
117	1001265133	1	Nut M4	
118	1001265134	3	Nut M5	
119	1001265135	10	Nut M8	
120	1001265136	1	Nut M10	
122	1001265139	2	Nut M16	
123	1001265147	2	Nut 3/4	
125	1001265461	4	Washer M6	
126	1001265462	3	Washer M12	
130	1001265508	1	Screw M10 x 30	
131	1001265512	2	Capscrew M6 x 30	
133	1001265642	1	Strap, Ground	
134	1001265746	2	Nut M12 GRD 10	
135	1001265750	2	Washer M29	
136	1001265991	2	Washer M20	
139	1001266105	3	Circlip	
141	1001266108	2	Pin, Cotter 5/32 x 1-1/4	
144	1001266112	2	Screw M6 x 25	
145	1001266113	4	Screw M8 x 25	
152	1001266122	1	Capscrew M4 x 20	
160	1001266131	4	Capscrew M8 x 45	
172	1001266244	1	Plate, Brake Cam	
174	1001266246	2	Disc, Brake	
175	1001266247	1	Plate, Brake Cam	
189	1001266412	8	Screw #8 x 1-1/2	
192	1001266415	2	Capscrew M3 x 12	
194	1001266417	1	Capscrew M12 x 45	
195	1001266418	2	Capscrew M4 x 16	
198	1001266421	2	Nut M3	
201	1001266424	1	Bushing	
202	1001266425	1	Bushing	
205	1001266428	1	Release	
206	1001266429	1	Spacer	
207	1001266430	1	Cradle (Emergency Lowering)	
208	1001266431	1	Pole, Extension (Emergency Lowering)	
209	1001266433	1	Head (Emergency Lowering)	
212	1001266436	1	Frame	
213	1001266438	1	Spring, Tool	
215	1001266614	1	Bushing	

**SECTION 5 - ECOLIFT WR PRIOR TO SN 13162322J & PRIOR TO SN P900018081**

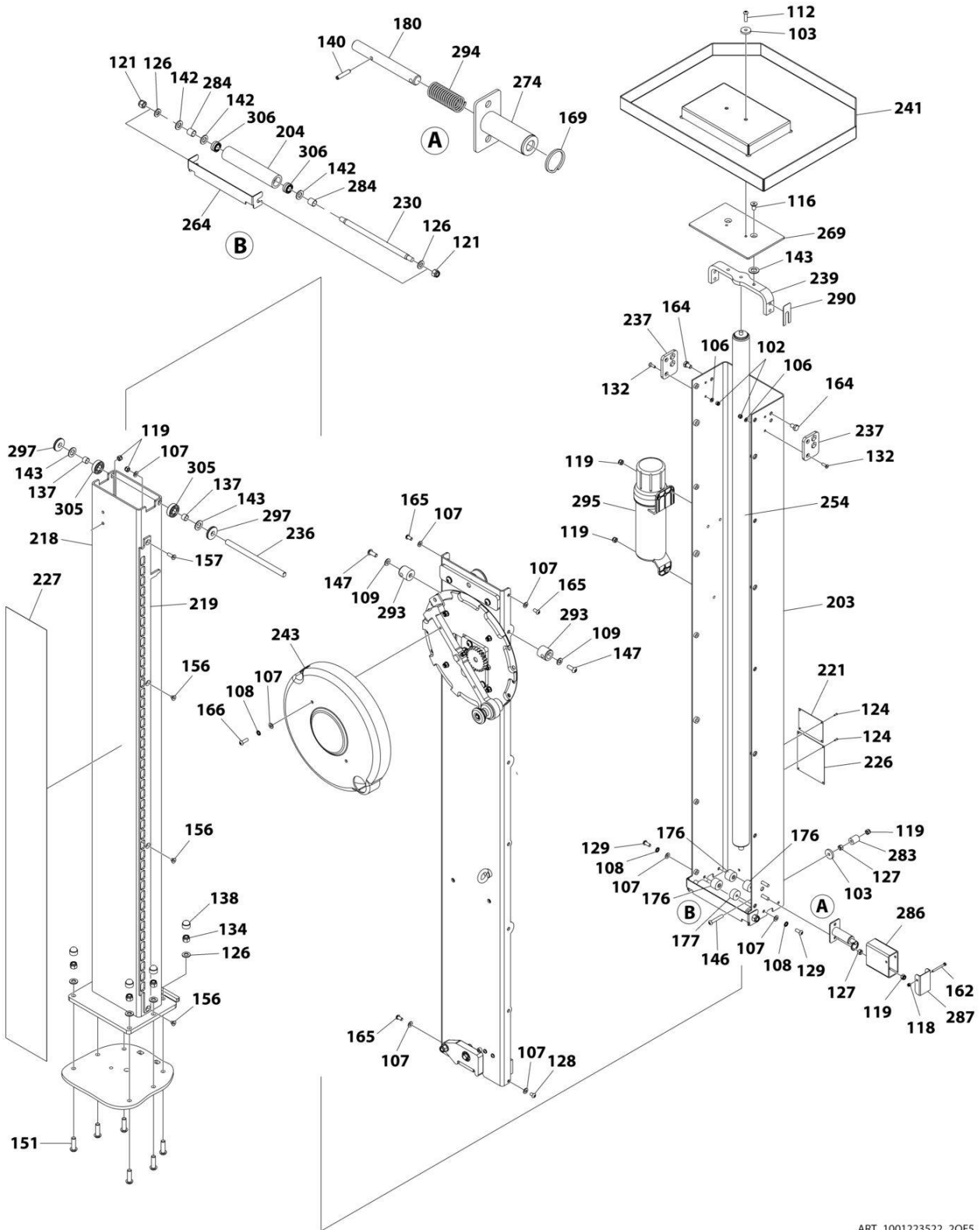
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
216	1001267378	1	Pole, Emergency Lowering (Includes Items 101, 102, 106, 115, 195, 205-209, 213)	
217	1001267381	2	Cap, Nut	
220	1001267384	2	Block	
224	ECLM414	2	Clip	
231	ECLM420	2	Guard, Hub	
233	ECLM422	1	Spacer	
240	ECLM600	2	Wheel, Fixed	
242	ECLM602	1	Cover, Chassis	
245	ECLM605	1	Bumper (Step)	
249	ECLM610	1	Strip, Bumper (Step)	
253	ECLM614	1	Brush	
255	ECLM617	1	Strip, Bumper (Rear)	
256	ECLM618	1	Bumper (Rear)	
257	ECLM619	2	Stub, Axle	
258	ECLM620	1	Pin, Brake	
263	ECLM701	1	Step	
273	PELM414	1	Spring, Brake	
277	PELM451	1	Level	
291	PELM486	1	Bushing	
300	PTM102	1	Castor - Swivel	
301	PTM1022	1	Castor - Swivel	





# SECTION 5 - ECOLIFT WR PRIOR TO SN 13162322J & PRIOR TO SN P900018081

## FIGURE 5-2. MAST ASSEMBLY (ECOLIFTWR)



ART\_1001223522\_20F5

**SECTION 5 - ECOLIFT WR PRIOR TO SN 13162322J & PRIOR TO SN  
P900018081**

**FIGURE 5-2. MAST ASSEMBLY (ECOLIFTWR)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001223522	Ref	MAST ASSEMBLY	D
102	1001264557	2	Nut M6	
103	1001264558	4	Washer M8	
106	1001265112	2	Washer M6	
107	1001265113	9	Washer M8	
108	1001265114	4	Washer M8	
109	1001265115	2	Washer M10	
112	1001265121	2	Capscrew M8 x 30	
116	1001265131	2	Capscrew M10 x 20	
118	1001265134	1	Nut M5	
119	1001265135	10	Nut M8	
121	1001265138	2	Nut M12	
124	1001265149	4	Rivet	
126	1001265462	8	Washer M12	
127	1001265496	4	Nut M8	
128	1001265506	1	Capscrew M8 x 12	
129	1001265507	4	Capscrew M8 x 20	
132	1001265514	4	Capscrew M6 x 25	
134	1001265746	6	Nut M12 GRD 10	
137	1001266100	2	Spacer	
138	1001266101	6	Cap, Nut	
140	1001266107	1	Pin	
142	1001266109	3	Washer M14	
143	1001266110	4	Washer M16	
146	1001266114	2	Screw M8 x 50	
147	1001266115	2	Screw M10 x 25	
151	1001266121	6	Screw M12 x 40	
156	1001266127	3	Capscrew M8 x 10	
157	1001266128	1	Capscrew M8 x 25	
162	1001266137	1	Bolt M5 x 50	
164	1001266139	4	Bolt M10 x 16	
165	1001266144	9	Screw M8 x 16	
166	1001266145	2	Screw M8 x 25	
169	1001266211	1	Ring	
176	1001266254	3	Disc, Wear 21MM	
177	1001266255	1	Disc, Wear 16MM	
180	1001266259	1	Pin	
203	1001266426	1	Mast (Outer)	
204	1001266427	1	Roller	
218	1001267382	1	Mast (Inner)	
219	1001267383	1	Strap, Belt Interlock	
221	See Note	NSS	Nameplate - Manufacturers Serial Number (Note: Not Available for Purchase)	
226	See Note	NSS	Nameplate - Manufacturers Serial Number (Note: Not Available for Purchase)	
227	ECLM416	1	Strip, Wear	
230	ECLM419	1	Axle, Roller	
236	ECLM426	1	Axle, Wheel	
237	ECLM428	2	Plate, Lock	

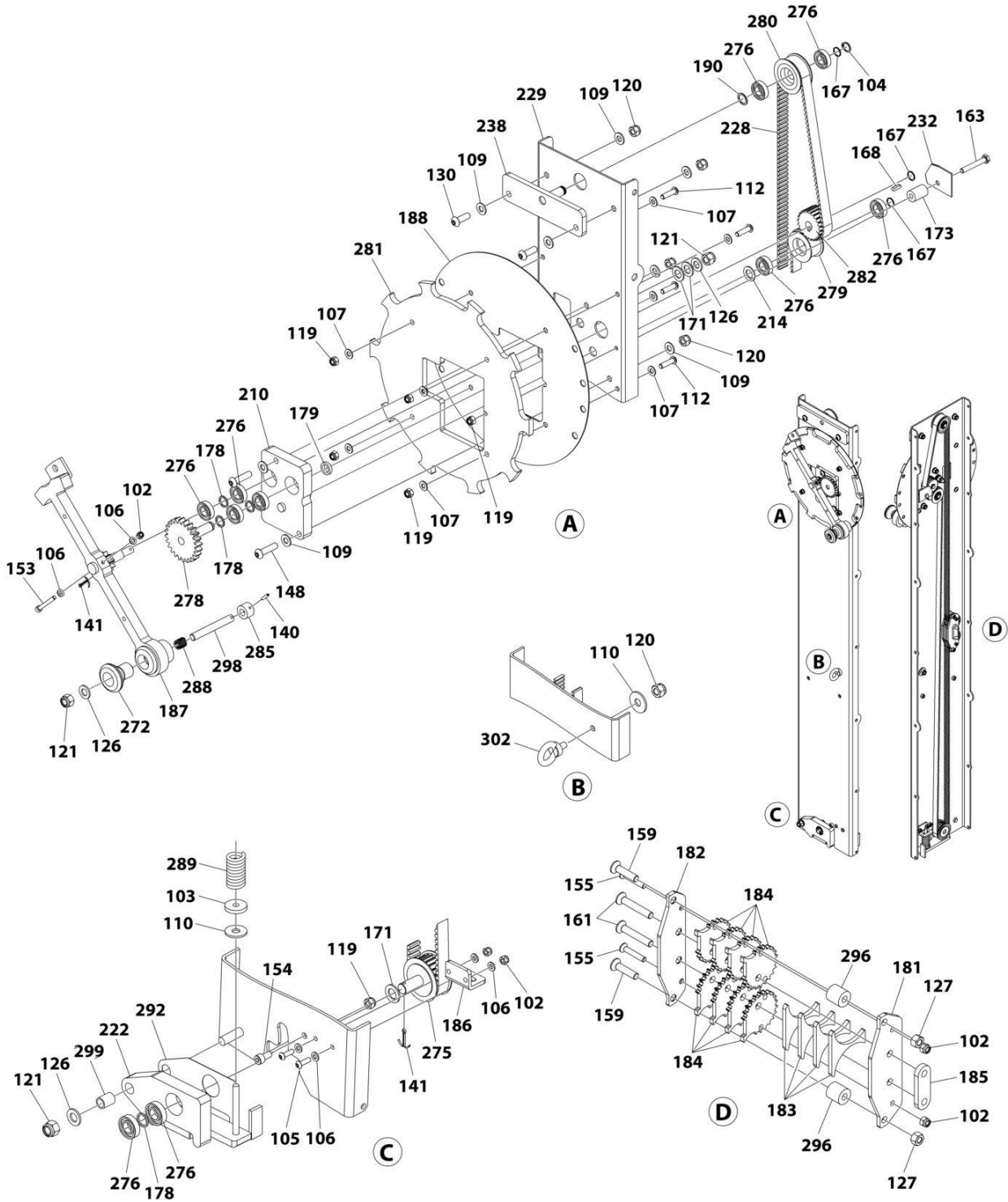
**SECTION 5 - ECOLIFT WR PRIOR TO SN 13162322J & PRIOR TO SN P900018081**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
239	ECLM434	1	Mount, Strut	
241	ECLM601	1	Tray, Tool	
243	ECLM603	1	Cover, Handle	
254	ECLM615	1	Strut, Gas	
264	ECLM702	1	Cover	
269	ECLM708	1	Cap, Mast	
274	PELM421	1	Housing, Belt Interlock	
283	PELM475	2	Bushing	
284	PELM478	2	Spacer	
286	PELM481	1	Cover, Interlock Housing	
287	PELM482	1	Cap, Interlock Housing	
290	PELM485	1	Spacer	
293	PELM489	6	Peg, Cage Mounting	
294	PELM494	1	Spring, Compression	
295	PELM495	1	Canister, Document	
297	PELM498	2	Roller, Corner	
305	PTNSPM562	2	Bearing	
306	PTNSPM664	2	Bearing	



# SECTION 5 - ECOLIFT WR PRIOR TO SN 13162322J & PRIOR TO SN P900018081

## FIGURE 5-3. PULLEY PANEL COMPONENTS (ECOLIFTWR)



ART\_1001223522\_30F5

**SECTION 5 - ECOLIFT WR PRIOR TO SN 13162322J & PRIOR TO SN  
P900018081**

**FIGURE 5-3. PULLEY PANEL COMPONENTS (ECOLIFTWR)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001223522	Ref	PULLEY PANEL COMPONENTS	D
102	1001264557	5	Nut M6	
103	1001264558	1	Washer M8	
104	1001264559	1	Ring, Retaining	
105	1001264707	2	Bolt M6 x 20	
106	1001265112	6	Washer M6	
107	1001265113	8	Washer M8	
109	1001265115	8	Washer M10	
110	1001265116	2	Washer M10	
112	1001265121	4	Capscrew M8 x 30	
119	1001265135	6	Nut M8	
120	1001265136	5	Nut M10	
121	1001265138	3	Nut M12	
126	1001265462	3	Washer M12	
127	1001265496	2	Nut M8	
130	1001265508	2	Screw M10 x 30	
140	1001266107	1	Pin	
141	1001266108	2	Pin, Cotter 5/32 x 1-1/4	
148	1001266117	2	Screw M10 x 40	
153	1001266123	1	Capscrew M6 x 50	
154	1001266124	1	Capscrew M8 x 16	
155	1001266126	2	Capscrew M6 x 35	
159	1001266130	2	Capscrew M8 x 35	
161	1001266132	2	Capscrew M8 x 50	
163	1001266138	1	Bolt M8 x 55	
167	1001266146	3	Ring, Spring	
168	1001266210	1	Key, Pulley	
171	1001266219	3	Washer, Plastic	
173	1001266245	1	Guide	
178	1001266257	4	Spacer	
179	1001266258	1	Spacer	
181	1001266260	1	Clamp (Base)	
182	1001266261	1	Clamp (Top)	
183	1001266262	4	Clamp (Middle)	
184	1001266264	8	Clamp (Cog)	
185	1001266265	1	Spacer	
186	1001266273	1	Mount	
187	1001266274	1	Handle, Crank	
188	1001266275	1	Cover, Lock Plate	
190	1001266413	1	Washer	
210	1001266434	1	Plate, Drive Bearing Block	
214	1001266439	1	Washer	
222	ECLM412	1	Plate, Lower Tensioner	
228	ECLM417	1	Belt	
229	ECLM418	1	Panel, Pulley Mounting	
232	ECLM421	1	Plate, Washer Drive Belt	
238	ECLM431	1	Mount, Freewheel Pulley	
272	PELM412	1	Knob, Handle	

**SECTION 5 - ECOLIFT WR PRIOR TO SN 13162322J & PRIOR TO SN P900018081**

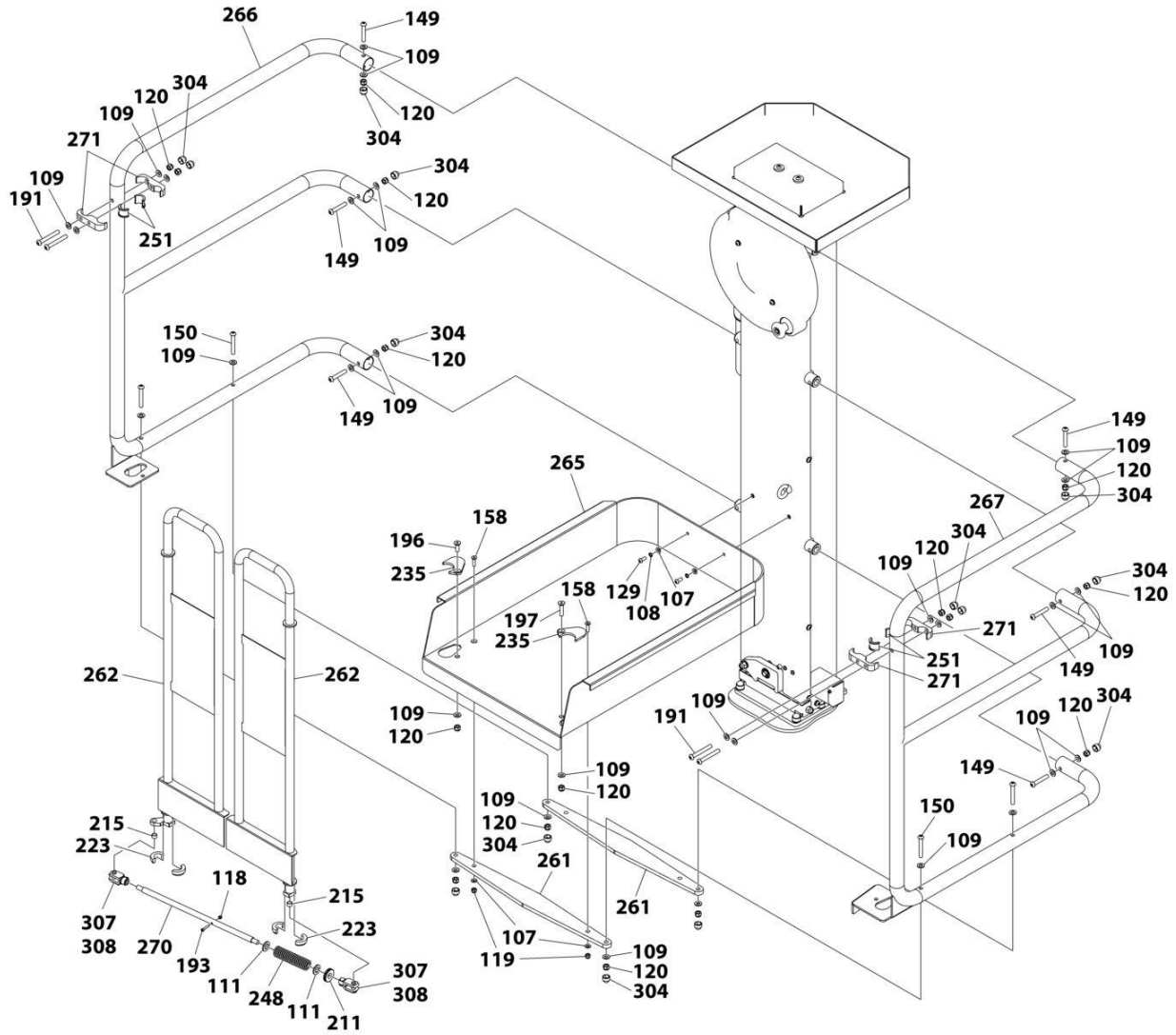
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
275	PELM429	1	Pulley (Lower)	
276	PELM442	10	Bearing, Pulley	
278	PELM462	1	Gear, Drive	
279	PELM467	1	Pulley, Guide	
280	PELM469	1	Pulley, Freewheel	
281	PELM471	1	Plate, Lock	
282	PELM472	1	Pulley, Drive	
285	PELM480	1	Tip, Pin Lock	
288	PELM483	1	Spring, Handle	
289	PELM484	1	Spring, Belt	
292	PELM488	1	Plate, Tensioner	
296	PELM496	2	Bushing	
298	PELM499	1	Pin, Lock	
299	PELM506	1	Bushing	
302	PTM149	1	Bolt, Collared	





**SECTION 5 - ECOLIFT WR PRIOR TO SN 13162322J & PRIOR TO SN P900018081**

**FIGURE 5-4. PLATFORM ASSEMBLY (ECOLIFTWR)**



ART\_1001223522\_4OF5

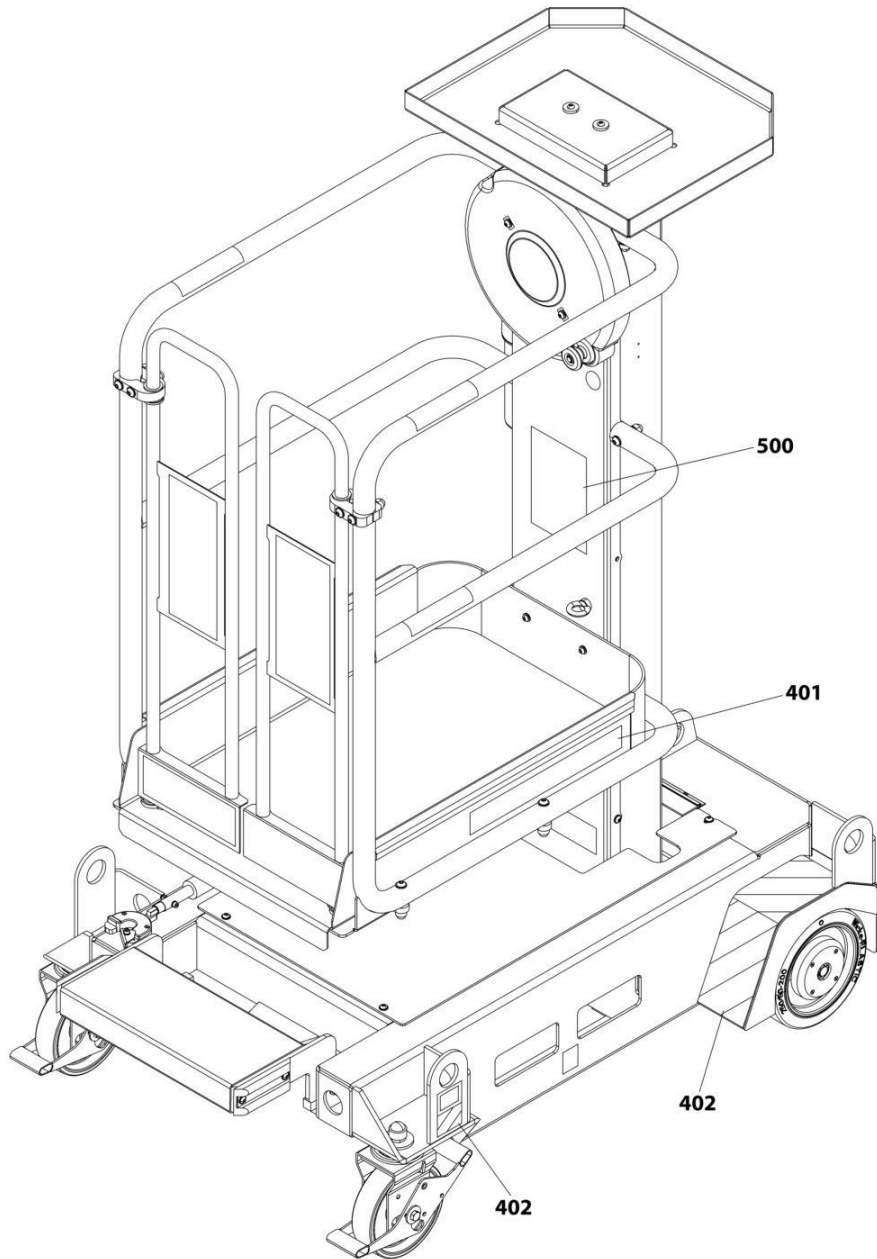
**SECTION 5 - ECOLIFT WR PRIOR TO SN 13162322J & PRIOR TO SN  
P900018081**

**FIGURE 5-4. PLATFORM ASSEMBLY (ECOLIFTWR)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001223522	Ref	PLATFORM ASSEMBLY	D
107	1001265113	4	Washer M8	
108	1001265114	2	Washer M8	
109	1001265115	30	Washer M10	
111	1001265117	2	Washer M16	
118	1001265134	1	Nut M5	
119	1001265135	2	Nut M8	
120	1001265136	16	Nut M10	
129	1001265507	2	Capscrew M8 x 20	
149	1001266119	6	Screw M10 x 60	
150	1001266120	4	Screw M10 x 70	
158	1001266129	2	Capscrew M8 x 30	
191	1001266414	4	Screw M10 x 80	
193	1001266416	1	Capscrew M5 x 25	
196	1001266419	1	Capscrew M10 x 30	
197	1001266420	1	Capscrew M10 x 45	
211	1001266435	1	Spacer	
215	1001266614	2	Bushing	
223	ECLM413	2	Bushing	
235	ECLM425	1	Cover, Gate (Pair)	
248	ECLM609	1	Spring	
251	ECLM612	2	Bushing	
261	ECLM623	2	Strap, Platform Tray Support	
262	ECLM700	1	Gate, Platform (Non-Locking Gate)	
265	ECLM704	1	Tray, Platform	
266	ECLM705	1	Guardrail - Left	
267	ECLM706	1	Guardrail - Right	
270	ECLM709	1	Rod, Gate Link	
271	ECLM710	4	Bracket, Hinge	
304	PTNSPM560	14	Cap, Nut M10	
307	1001279106	2	Body, Clevis	
308	1001279107	2	Clip, Clevis	

**SECTION 5 - ECOLIFT WR PRIOR TO SN 13162322J & PRIOR TO SN P900018081**

**FIGURE 5-5. DECAL INSTALLATION (ECOLIFTWR)**



ART\_1001223522\_5OF5

**SECTION 5 - ECOLIFT WR PRIOR TO SN 13162322J & PRIOR TO SN  
P900018081**

**FIGURE 5-5. DECAL INSTALLATION (ECOLIFTWR)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001223522	Ref	DECAL INSTALLATION	D
401	ECLM802	1 pr	Decal - Ecolift Logo	
402	1001266411	1	Decal - WR	
500	See Note	Ref	Kit, Decal Sheet (Note: Individual Decals are Not Available for Purchase - Purchase Complete Sheet)	
	ECLM800	1	Decal, English Ecolift, Complete Sheet	
	ECLM800DAN	1	Decal, Danish Ecolift, Complete Sheet	
	ECLM800DU	1	Decal, Dutch Ecolift, Complete Sheet	
	ECLM800EST	1	Decal, Estonian Ecolift, Complete Sheet	
	ECLM800FIN	1	Decal, Finnish Ecolift, Complete Sheet	
	ECLM800FR	1	Decal, French Ecolift, Complete Sheet	
	ECLM800GER	1	Decal, German Ecolift, Complete Sheet	
	ECLM800ITA	1	Decal, Italian Ecolift, Complete Sheet	
	ECLM800NOR	1	Decal, Norwegian Ecolift, Complete Sheet	
	ECLM800POL	1	Decal, Polish Ecolift, Complete Sheet	
	ECLM800SPA	1	Decal, Spanish Ecolift, Complete Sheet	
	ECLM800SWE	1	Decal, Swedish Ecolift, Complete Sheet	
	ECLM800TUR	1	Decal, Turkish Ecolift, Complete Sheet	
	ECLM800HUN	1	Decal, Hungarian Ecolift, Complete Sheet	
	ECLM800POR	1	Decal, Portuguese Ecolift, Complete Sheet	
	ECLM802	1	Decal, Ecolift Logo (Pair)	
	1001266411	1	Decal, Ecolift Safety Tape	

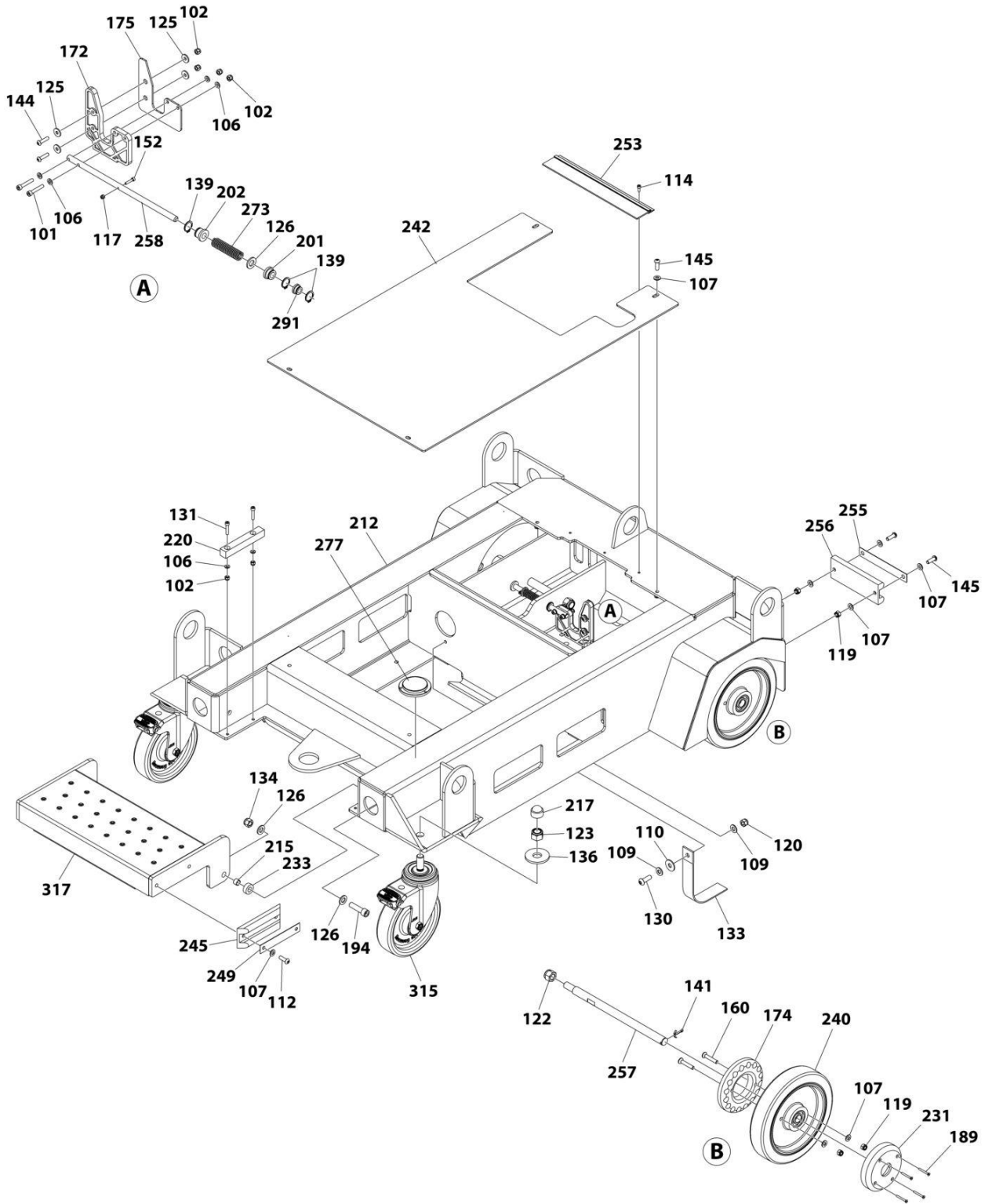


**SECTION 6 - ECOLIFT WR SN P900018081 TO PRESENT**

**SECTION 6 - ECOLIFT WR SN P900018081 TO PRESENT**

# SECTION 6 - ECOLIFT WR SN P900018081 TO PRESENT

## FIGURE 6-1. FRAME ASSEMBLY (ECOLIFTWR)



ART\_1001291053\_10F5



## SECTION 6 - ECOLIFT WR SN P900018081 TO PRESENT

### FIGURE 6-1. FRAME ASSEMBLY (ECOLIFTWR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001291053	Ref	FRAME ASSEMBLY	D
101	1001264556	2	Bolt M6 x 35	
102	1001264557	8	Nut M6	
106	1001265112	8	Washer M6	
107	1001265113	18	Washer M8	
109	1001265115	2	Washer M10	
110	1001265116	1	Washer M10	
112	1001265121	2	Capscrew M8 x 30	
114	1001265124	3	Capscrew M5 x 12	
117	1001265133	1	Nut M4	
119	1001265135	8	Nut M8	
120	1001265136	1	Nut M10	
122	1001265139	2	Nut M16	
123	1001265147	2	Nut 3/4	
125	1001265461	4	Washer M6	
126	1001265462	3	Washer M12	
130	1001265508	1	Screw M10 x 30	
131	1001265512	4	Capscrew M6 x 30	
133	1001265642	1	Strap, Ground	
134	1001265746	1	Nut M12 GRD 10	
136	1001265991	2	Washer M20	
139	1001266105	3	Circlip	
141	1001266108	2	Pin, Cotter 5/32 x 1-1/4	
144	1001266112	2	Screw M6 x 25	
145	1001266113	8	Screw M8 x 25	
152	1001266122	1	Capscrew M4 x 20	
160	1001266131	4	Capscrew M8 x 45	
172	1001266244	1	Plate, Brake Cam	
174	1001266246	2	Disc, Brake	
175	1001266247	1	Plate, Brake Cam	
189	1001266412	8	Screw #8 x 1-1/2	
194	1001266417	1	Capscrew M12 x 45	
201	1001266424	1	Bushing	
202	1001266425	1	Bushing	
212	1001266436	1	Frame	
215	1001266614	1	Bushing	
217	1001267381	2	Cap, Nut	
220	1001267384	2	Block	
231	ECLM420	2	Guard, Hub	
233	ECLM422	1	Spacer	
240	ECLM600	2	Wheel, Fixed	
242	ECLM602	1	Cover, Chassis	
245	ECLM605	2	Bumper (Step)	
249	ECLM610	2	Strip, Bumper (Step)	
253	ECLM614	1	Brush	
255	ECLM617	2	Strip, Bumper (Rear)	
256	ECLM618	2	Bumper (Rear)	
257	ECLM619	2	Stud, Axle	
258	ECLM620	1	Pin, Brake	
273	PELM414	1	Spring, Brake	

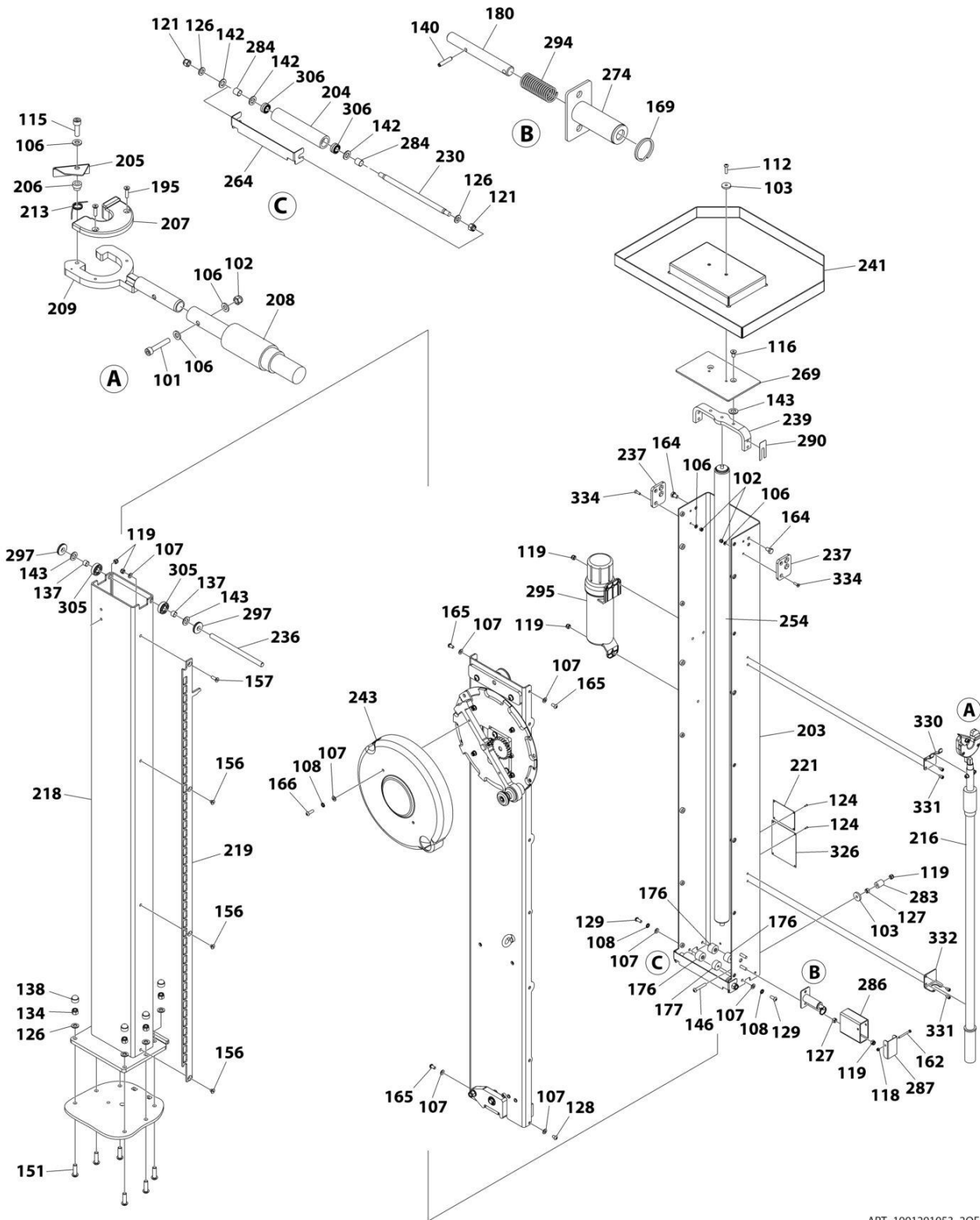
## SECTION 6 - ECOLIFT WR SN P900018081 TO PRESENT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
277	PELM451	1	Level	
291	PELM486	1	Bushing	
315	1001277964	2	Wheel, Blicke Castor	
317	1001289040	1	Step	



# SECTION 6 - ECOLIFT WR SN P900018081 TO PRESENT

## FIGURE 6-2. MAST ASSEMBLY (ECOLIFTWR)



ART\_1001291053\_20F5

## SECTION 6 - ECOLIFT WR SN P900018081 TO PRESENT

### FIGURE 6-2. MAST ASSEMBLY (ECOLIFTWR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001291053	Ref	MAST ASSEMBLY	D
101	1001264556	1	Bolt M6 x 35	
102	1001264557	3	Nut M6	
103	1001264558	4	Washer M8	
106	1001265112	5	Washer M6	
107	1001265113	9	Washer M8	
108	1001265114	4	Washer M8	
112	1001265121	2	Capscrew M8 x 30	
115	1001265127	1	Capscrew M6 x 20	
116	1001265131	2	Capscrew M10 x 20	
118	1001265134	1	Nut M5	
119	1001265135	10	Nut M8	
121	1001265138	2	Nut M12	
124	1001265149	4	Rivet	
126	1001265462	8	Washer M12	
127	1001265496	4	Nut M8	
128	1001265506	1	Capscrew M8 x 12	
129	1001265507	4	Capscrew M8 x 20	
134	1001265746	6	Nut M12 GRD 10	
137	1001266100	2	Spacer	
138	1001266101	6	Cap, Nut	
140	1001266107	1	Pin	
142	1001266109	3	Washer M14	
143	1001266110	4	Washer M16	
146	1001266114	2	Screw M8 x 50	
151	1001266121	6	Screw M12 x 40	
156	1001266127	3	Capscrew M8 x 10	
157	1001266128	1	Capscrew M8 x 25	
162	1001266137	1	Bolt M5 x 50	
164	1001266139	4	Bolt M10 x 16	
165	1001266144	9	Screw M8 x 16	
166	1001266145	2	Screw M8 x 25	
169	1001266211	1	Ring	
170	1001266212	1	Key, Security (Not Shown)	
176	1001266254	3	Disc, Wear 21MM	
177	1001266255	1	Disc, Wear 16MM	
180	1001266259	1	Pin	
195	1001266418	2	Capscrew M4 x 16	
203	1001266426	1	Mast (Outer)	
204	1001266427	1	Roller	
205	1001266428	1	Release	
206	1001266429	1	Spacer	
207	1001266430	1	Cradle (Emergency Lowering)	
208	1001266431	1	Pole, Extension (Emergency Lowering)	
209	1001266433	1	Head (Emergency Lowering)	
213	1001266438	1	Spring, Tool	
216	1001267378	1	Pole, Emergency Lowering (Includes Items 101, 102, 106, 115, 195, 205-209, 213)	
218	1001267382	1	Mast (Inner)	
219	1001267383	1	Strap, Belt Interlock	

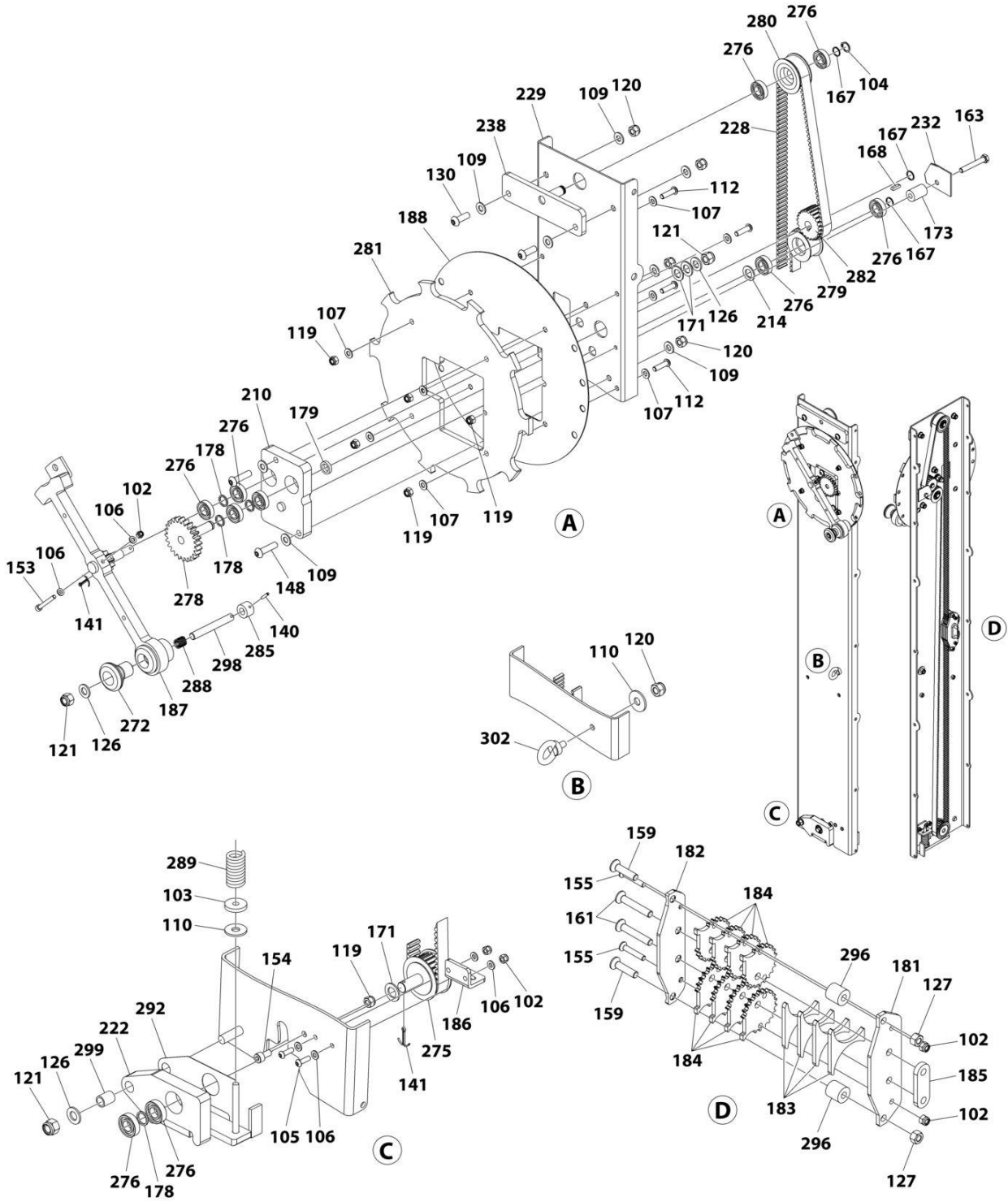
## SECTION 6 - ECOLIFT WR SN P900018081 TO PRESENT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
221	See Note	NSS	Spec, Plate (Note: Not Available for Purchase)	
230	ECLM419	1	Axle	
236	ECLM426	1	Axle	
237	ECLM428	2	Plate, Bolt Lock	
239	ECLM434	1	Mount, Strut	
241	ECLM601	1	Tray, Tool	
243	ECLM603	1	Cover, Handle	
254	ECLM615	1	Strut, Gas	
264	ECLM702	1	Cover	
269	ECLM708	1	Cap, Mast	
274	PELM421	1	Housing, Belt Interlock	
283	PELM475	2	Bushing	
284	PELM478	2	Spacer	
286	PELM481	1	Cover, Interlock Housing	
287	PELM482	1	Cap, Interlock Housing	
290	PELM485	1	Spacer	
294	PELM494	1	Spring, Compression	
295	PELM495	1	Container, Document	
297	PELM498	2	Roller	
305	PTNSPM562	2	Bearing	
306	PTNSPM664	2	Bearing	
326	See Note	NSS	Plate - Manufacturers Serial Number (Note: Not Available for Purchase)	
330	1001290877	1	Clip, Handle (Upper)	
331	1001265511	4	Capscrew M6 x 10	
332	1001290878	1	Clip, Handle (Lower)	
334	1001266544	4	Capscrew M6 x 20	



# SECTION 6 - ECOLIFT WR SN P900018081 TO PRESENT

## FIGURE 6-3. PULLEY PANEL COMPONENTS (ECOLIFTWR)



ART\_1001291053\_30F5



## SECTION 6 - ECOLIFT WR SN P900018081 TO PRESENT

### FIGURE 6-3. PULLEY PANEL COMPONENTS (ECOLIFTWR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001291053	Ref	PULLEY PANEL COMPONENTS	D
102	1001264557	5	Nut M6	
103	1001264558	1	Washer M8	
104	1001264559	1	Circlip	
105	1001264707	2	Bolt M6 x 20	
106	1001265112	6	Washer M6	
107	1001265113	8	Washer M8	
109	1001265115	8	Washer M10	
110	1001265116	2	Washer M10	
112	1001265121	4	Capscrew M8 x 30	
119	1001265135	6	Nut M8	
120	1001265136	5	Nut M10	
121	1001265138	3	Nut M12	
126	1001265462	3	Washer M12	
127	1001265496	2	Nut M8	
130	1001265508	2	Screw M10 x 30	
140	1001266107	1	Pin	
141	1001266108	2	Pin, Cotter 5/32 x 1-1/4	
148	1001266117	2	Screw M10 x 40	
153	1001266123	1	Capscrew M6 x 50	
154	1001266124	1	Capscrew M8 x 16	
155	1001266126	2	Capscrew M6 x 35	
159	1001266130	2	Capscrew M8 x 35	
161	1001266132	2	Capscrew M8 x 50	
163	1001266138	1	Bolt M8 x 55	
167	1001266146	3	Ring, Spring	
168	1001266210	1	Key, Pulley	
171	1001266219	3	Washer, Plastic	
173	1001266245	1	Guide	
178	1001266257	4	Spacer	
179	1001266258	1	Spacer	
181	1001266260	1	Clamp (Base)	
182	1001266261	1	Clamp (Top)	
183	1001266262	4	Clamp (Middle)	
184	1001266264	8	Clamp (Cog)	
185	1001266265	1	Spacer	
186	1001266273	1	Mount	
187	1001266274	1	Handle, Crank	
188	1001266275	1	Cover, Lock Plate	
210	1001266434	1	Plate, Drive Bearing Block	
214	1001266439	1	Washer	
222	ECLM412	1	Plate, Lower Tensioner	
228	ECLM417	1	Belt	
229	ECLM418	1	Panel, Pulley Mounting	
232	ECLM421	1	Plate, Washer Drive Belt	
238	ECLM431	1	Mount, Freewheel Pulley	
272	PELM412	1	Knob, Handle	
275	PELM429	1	Pulley (Lower)	
276	PELM442	10	Bearing, Pulley	
278	PELM462	1	Gear	

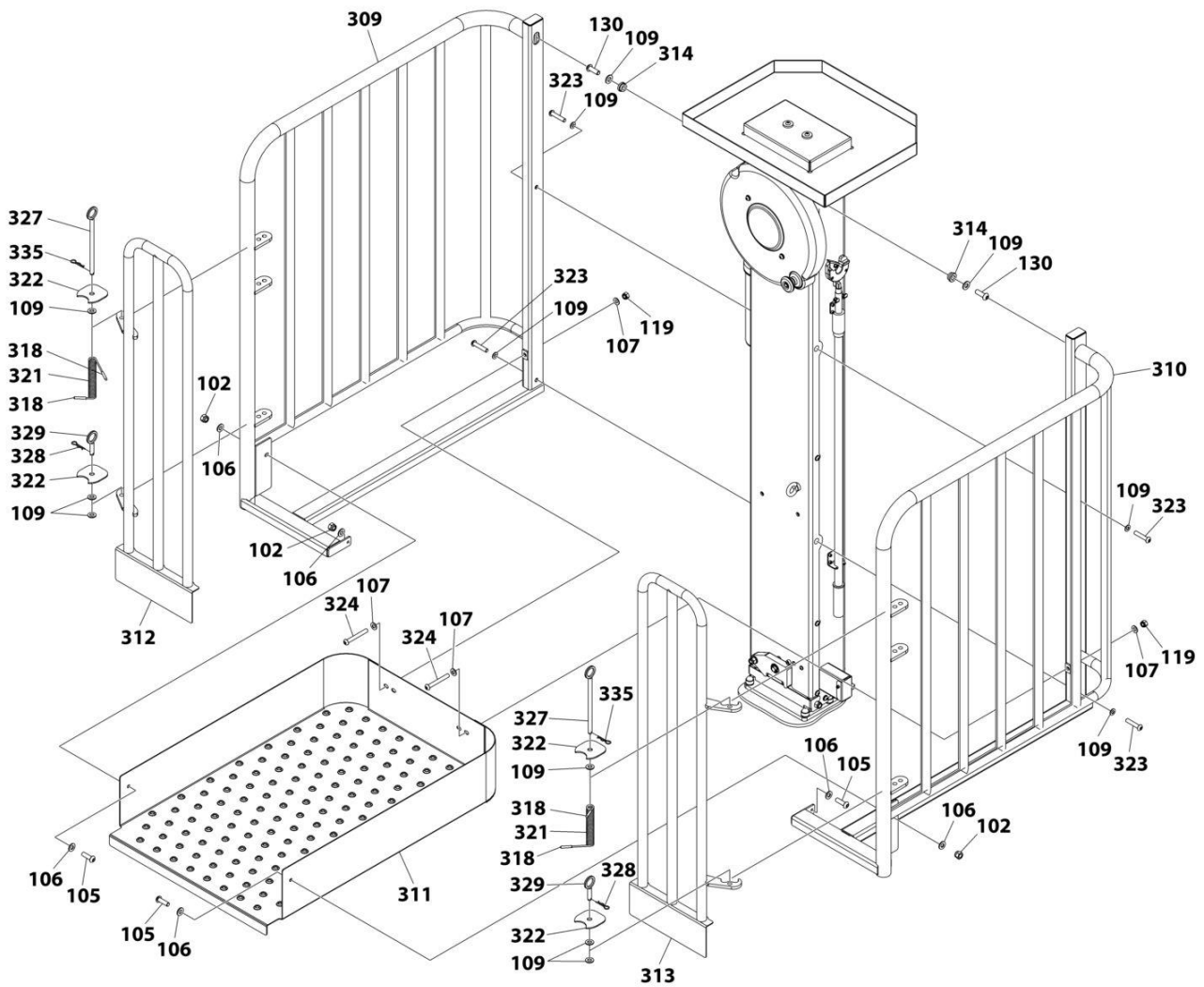
## SECTION 6 - ECOLIFT WR SN P900018081 TO PRESENT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
279	PELM467	1	Pulley, Guide Wheel	
280	PELM469	1	Pulley, Freewheel	
281	PELM471	1	Plate, Lock	
282	PELM472	1	Pulley, Drive	
285	PELM480	1	Tip, Pin Lock	
288	PELM483	1	Spring, Handle	
289	PELM484	1	Spring, Belt	
292	PELM488	1	Plate, Tensioner	
296	PELM496	2	Bushing	
298	PELM499	1	Pin, Lock	
299	PELM506	1	Bushing	
302	PTM149	1	Bolt, Collared	



# SECTION 6 - ECOLIFT WR SN P900018081 TO PRESENT

## FIGURE 6-4. PLATFORM ASSEMBLY (ECOLIFTWR)



ART\_1001291053\_4OF5

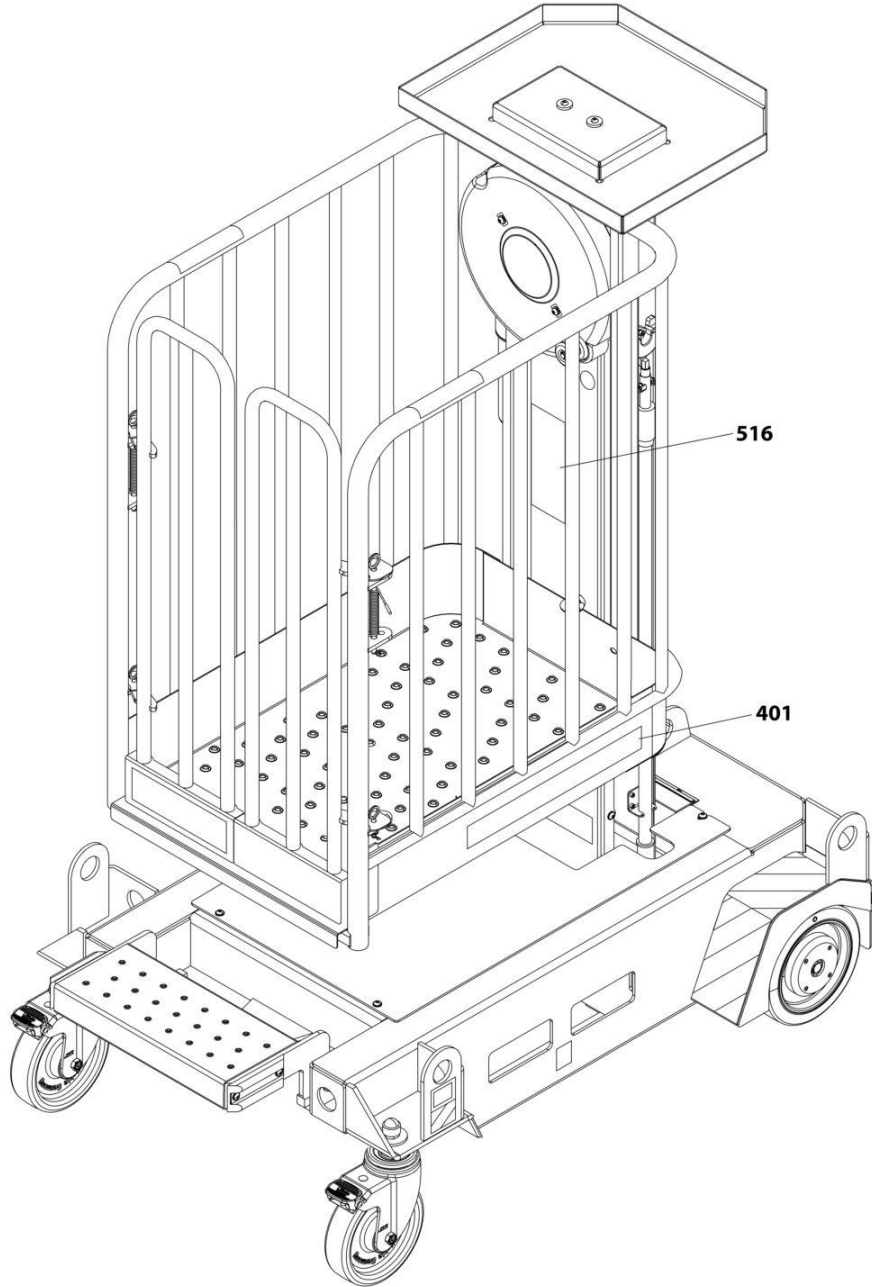
## SECTION 6 - ECOLIFT WR SN P900018081 TO PRESENT

### FIGURE 6-4. PLATFORM ASSEMBLY (ECOLIFTWR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001291053	Ref	PLATFORM ASSEMBLY	D
102	1001264557	3	Nut M6	
105	1001264707	3	Bolt M6 x 20	
106	1001265112	6	Washer M6	
107	1001265113	4	Washer M8	
109	1001265115	12	Washer M10	
119	1001265135	2	Nut M8	
130	1001265508	2	Screw M10 x 30	
309	1001288689	1	Rail (LH)	
310	1001288690	1	Rail (RH)	
311	1001288254	1	Floor, Platform	
312	1001288248	1	Gate (LH)	
313	1001288253	1	Gate (RH)	
314	1001289242	2	Adapter	
318	1001265092	4	Cap, Spring	
321	1001266216	2	Spring, Gate	
322	PELM430	4	Cover, Hinge	
323	1001290778	4	Capscrew M10 x 50	
324	1001290779	2	Screw M8 x 65	
327	1001290784	2	Pin, Gate (Long)	
328	1001293031	2	Lanyard, Gate Pin (Short)	
329	1001290785	2	Pin, Gate (Short)	
335	1001293032	2	Lanyard, Gate Pin (Long)	

**SECTION 6 - ECOLIFT WR SN P900018081 TO PRESENT**

**FIGURE 6-5. DECAL INSTALLATION (ECOLIFTWR)**



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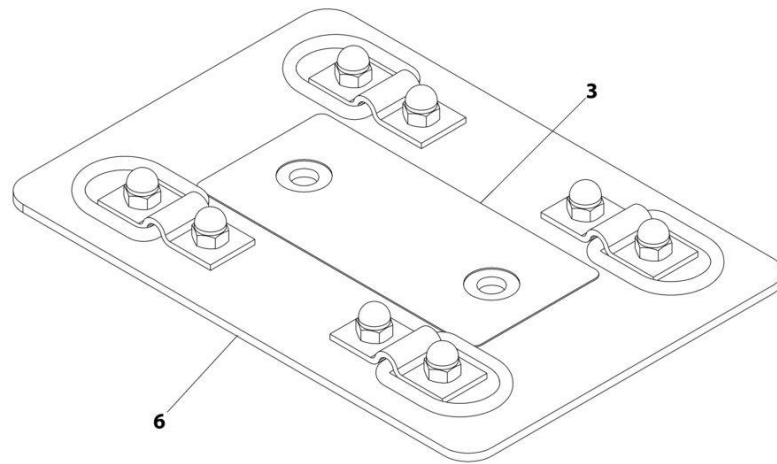
# SECTION 6 - ECOLIFT WR SN P900018081 TO PRESENT

## FIGURE 6-5. DECAL INSTALLATION (ECOLIFTWR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001291053	Ref	DECAL INSTALLATION	D
	1001272858	Ref	DECAL INSTALLATION	B
401	ECLM802	1 pr	Decal, Ecolift Logo	
516	1001287534	1	Kit, Decal Sheet Ecolift WR	

# SECTION 6 - ECOLIFT WR SN P900018081 TO PRESENT

## FIGURE 6-6. TETHER PLATE ASSEMBLY (ECOLIFTWR)



ART\_1001288487



# SECTION 6 - ECOLIFT WR SN P900018081 TO PRESENT

## FIGURE 6-6. TETHER PLATE ASSEMBLY (ECOLIFTWR)

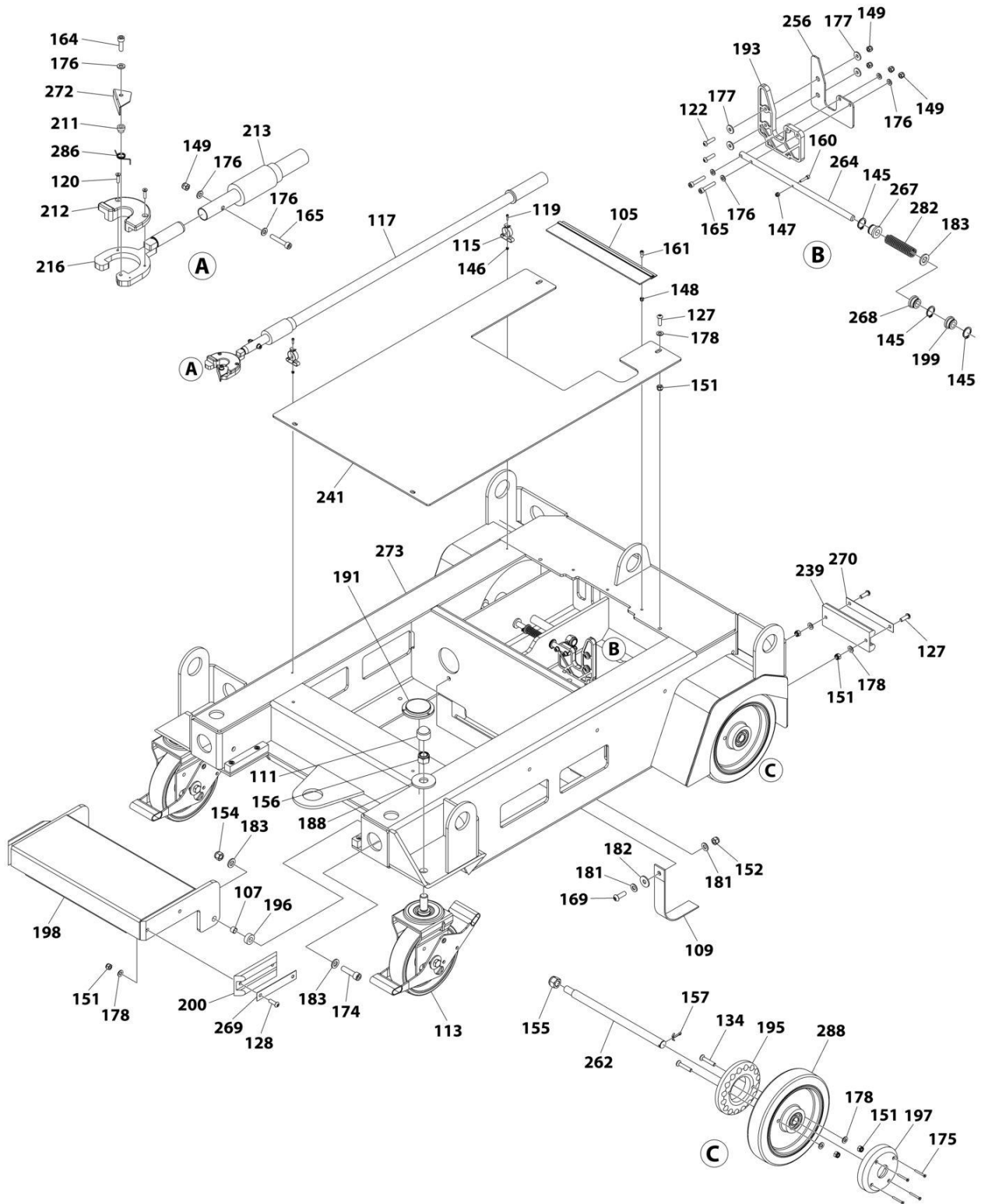
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001288487	Ref	TETHER PLATE ASSEMBLY	C
3	1001288659	1	Decal - Tether Load	
6	1001294643	NSS	Plate, Tether (Note: Use PN 1001288487)	



**SECTION 7 - ECOLIFT X**

# SECTION 7 - ECOLIFT X

## FIGURE 7-1. FRAME ASSEMBLY (ECOLIFTX)



ART\_1001308876\_10F5

## SECTION 7 - ECOLIFT X

### FIGURE 7-1. FRAME ASSEMBLY (ECOLIFTX)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001308876	Ref	FRAME ASSEMBLY	A
105	ECLM614	1	Brush	
107	1001266614	2	Bushing	
109	1001265642	1	Strap, Ground	
111	1001267381	2	Cap, Nut 3/4	
113	PTM1022	2	Castor - Swivel	
115	1001267460	2	Clip	
117	1001274532	1	Emergency Lowering Handle Complete	
119	1001267461	2	Capscrew M3 x 12	
120	1001267035	2	Capscrew M4 x 16	
122	1001267037	4	Screw M6 x 25	
127	1001267043	6	Screw M8 x 25	
128	1001267044	2	Screw M8 x 30	
134	1001267463	4	Capscrew M8 x 45	
145	1001266105	6	Circlip 20MM	
146	1001267469	2	Nut M3	
147	1001267056	2	Nut M4	
148	1001267057	3	Nut M5	
149	1001267058	9	Nut M6	
151	1001267060	10	Nut M8	
152	1001267061	1	Nut M10	
154	1001265746	1	Nut M12 GRD 10	
155	1001267065	2	Nut M16	
156	1001267470	2	Nut 3/4	
157	1001266108	2	Cotterpin 5/32 x 1-1/4	
160	1001267068	2	Capscrew M4 x 20	
161	1001267069	3	Capscrew M5 x 12	
164	1001267071	1	Capscrew M6 x 20	
165	1001267072	5	Capscrew M6 x 35	
169	1001267078	1	Screw M10 x 30	
174	1001266417	2	Capscrew M12 x 45	
175	1001267085	8	Screw M8 x 40	
176	1001267087	11	Washer M6	
177	1001267088	8	Washer M6	
178	1001267089	10	Washer M8	
181	1001267092	2	Washer M10	
182	1001267093	1	Washer M10	
183	1001267094	3	Washer M12	
188	1001265991	2	Washer M20	
191	PELM451	1	Level	
193	1001266244	2	Plate, Brake Cam	
195	1001266246	2	Disc, Brake	
196	ECLM422	1	Spacer	
197	ECLM420	2	Guard, Hub	
198	ECLM701	1	Step Assembly	
199	1001266424	1	Bushing	
200	ECLM605	1	Bumper	
211	1001266429	1	Spacer	
212	1001266430	1	Cradle, Handle	
213	1001266431	1	Handle, Emergency Lowering	

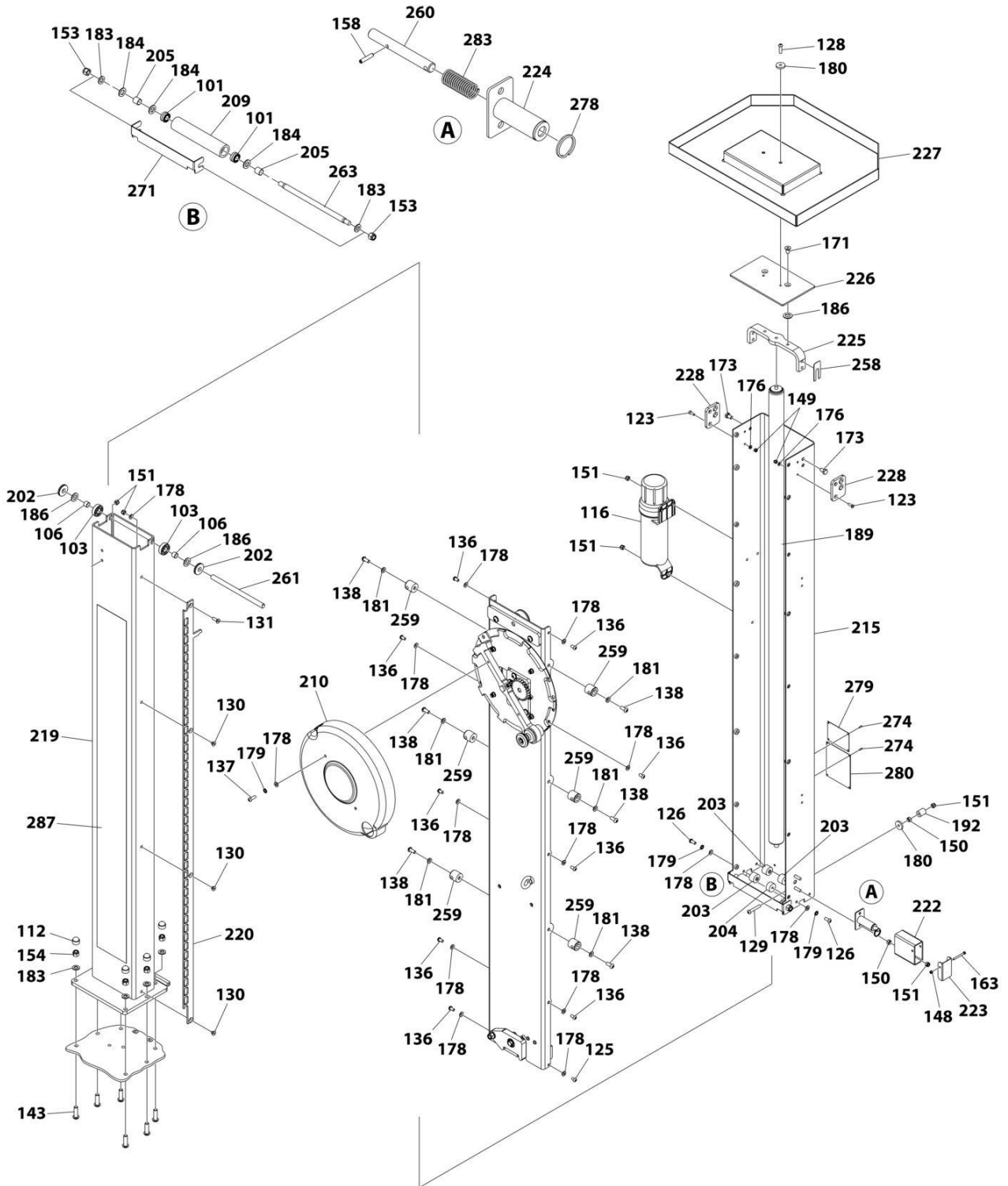
## SECTION 7 - ECOLIFT X

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
216	1001267488	1	Head Profile Assembly	
239	ECLM618	2	Bumper (Rear)	
241	1001267472	1	Cover, Frame	
256	1001267143	2	Plate, Brake Cam	
262	1001267475	2	Axle, Wheel	
264	1001267477	2	Pin, Brake	
267	1001267479	2	Bushing, Brake Pin 19MM	
268	1001267480	2	Bushing, Brake Pin 15MM	
269	1001267486	1	Strip, Bumper Fixing Strip (Step)	
270	1001267487	2	Strip, Bumper Fixing Strip (Rear)	
272	1001267176	1	Finger, Easy Release	
273	1001267485	1	Frame	
282	1001267160	2	Spring, Brake	
286	1001266438	1	Spring, Tool	
288	ECLM600	2	Wheel, Fixed	



# SECTION 7 - ECOLIFT X

## FIGURE 7-2. MAST ASSEMBLY (ECOLIFTX)



ART\_1001308876\_20F5



## SECTION 7 - ECOLIFT X

**FIGURE 7-2. MAST ASSEMBLY (ECOLIFTX)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001308876	Ref	MAST ASSEMBLY	A
101	PTNSPM664	2	Bearing	
103	PTNSPM562	2	Bearing	
106	1001266100	2	Spacer	
112	1001266101	6	Cap, Nut	
116	PELM495	1	Container, Document	
123	1001267462	4	Capscrew M6 x 25	
125	1001267040	1	Screw M8 x 12	
126	1001267042	4	Screw M8 x 20	
128	1001267044	2	Screw M8 x 30	
129	1001267045	2	Screw M8 x 50	
130	1001267047	3	Capscrew M8 x 10	
131	1001267048	1	Capscrew M8 x 25	
136	1001266144	9	Screw M8 x 16	
137	1001266145	2	Screw M8 x 25	
138	1001266115	6	Screw M10 x 25	
143	1001266121	6	Screw M12 x 40	
148	1001267057	1	Nut M5	
149	1001267058	3	Nut M6	
150	1001267059	4	Nut M8	
151	1001267060	10	Nut M8	
153	1001267063	2	Nut M12	
154	1001265746	6	Nut M12 GRD 10	
158	1001266107	1	Pin, Spring	
163	1001267070	1	Setscrew M5 x 50	
171	1001267082	2	Capscrew M10 x 20	
173	1001266139	4	Setscrew M10 x 16	
176	1001267087	4	Washer M6	
178	1001267089	14	Washer M8	
179	1001267091	4	Washer M8	
180	1001264558	4	Washer M8	
181	1001267092	6	Washer M10	
183	1001267094	8	Washer M12	
184	1001267095	3	Washer M14	
186	1001267097	4	Washer M16	
189	ECLM615	1	Strut, Gas	
192	PELM475	2	Bushing	
202	PELM498	2	Roller	
203	1001266254	3	Disc, Wear 21MM	
204	1001266255	1	Disc, Wear 16MM	
205	PELM478	2	Spacer	
209	1001266427	1	Roller	
210	ECLM603	1	Cover, Handle	
215	1001267494	1	Mast (Outer)	
219	1001267489	1	Mast (Inner)	
220	1001267490	1	Strip, Belt Interlock	
222	1001267177	1	Cover, Belt Interlock Housing	
223	1001267178	1	Cap, Interlock Housing	
224	1001267179	1	Housing, Belt Interlock	
225	1001267493	1	Mount, Gas Strut Top	

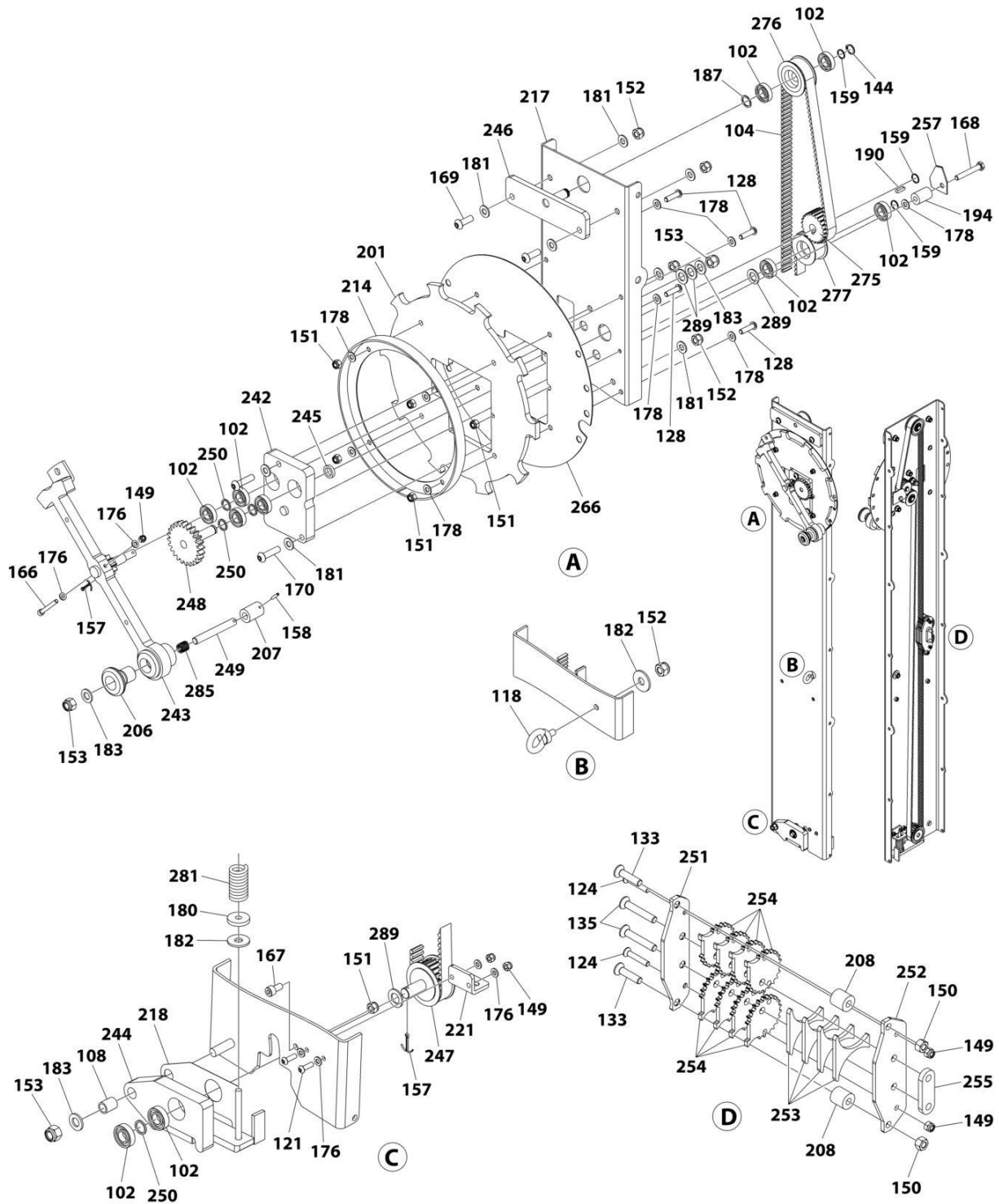
## SECTION 7 - ECOLIFT X

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
226	1001267491	1	Cap, Mast	
227	1001267496	1	Tool Tray Assembly	
228	1001267492	2	Plate, Bolt Lock	
258	1001267145	1	Spacer	
259	1001267148	6	Peg	
260	1001267149	1	Pin	
261	1001267474	1	Axle, Wheel	
263	1001267476	1	Axle, Roller	
271	1001267495	1	Cover, Roller	
274	1001267150	8	Rivet	
278	1001267155	1	Ring, Belt Interlock Pin	
279	See Note	NSS	Plate - Specification (Note: Not Available for Purchase)	
280	See Note	NSS	Plate - Specification (Note: Not Available for Purchase)	
283	PELM494	1	Spring, Compression	
287	ECLM416	1	Strip, Wear	



# SECTION 7 - ECOLIFT X

## FIGURE 7-3. PULLEY PANEL COMPONENTS (ECOLIFTX)



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## SECTION 7 - ECOLIFT X

**FIGURE 7-3. PULLEY PANEL COMPONENTS (ECOLIFTX)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001308876	Ref	PULLEY PANEL COMPONENTS	A
102	PELM442	10	Bearing	
104	ECLM417	1	Belt	
108	PELM506	1	Bushing	
118	PTM149	1	Eye, Harness	
121	1001267036	2	Screw M6 x 20	
124	1001267038	2	Capscrew M6 x 35	
128	1001267044	4	Screw M8 x 30	
133	1001267050	2	Capscrew M8 x 35	
135	1001266132	2	Capscrew M8 x 50 GRD 10.9	
144	1001264559	1	Circlip 15MM	
149	1001267058	5	Nut M6	
150	1001267059	2	Nut M8	
151	1001267060	6	Nut M8	
152	1001267061	5	Nut M10	
153	1001267063	3	Nut M12	
157	1001266108	2	Cotterpin 5/32 x 1-1/4	
158	1001266107	1	Pin, Spring	
159	1001267067	3	Ring	
166	1001267073	1	Capscrew M6 x 50	
167	1001267075	1	Capscrew M8 x 16	
168	1001266138	1	Setscrew M8 x 55	
169	1001267078	2	Screw M10 x 30	
170	1001267080	2	Screw M10 x 40	
176	1001267087	6	Washer M6	
178	1001267089	9	Washer M8	
180	1001264558	1	Washer M8	
181	1001267092	8	Washer M10	
182	1001267093	2	Washer M10	
183	1001267094	3	Washer M12	
187	1001266413	1	Washer M17	
190	1001267100	1	Key	
194	1001266245	1	Guide	
201	PELM471	1	Plate, Lock	
206	PELM412	1	Knob, Handle	
207	PELM480	1	Tip, Lock Pin	
208	PELM496	2	Clamp	
214	1001267181	1	Gear Guard Assembly	
217	1001267498	1	Panel, Pulley Mounting	
218	PELM488	1	Plate, Lower Pulley Tensioner	
221	1001267186	1	Mount, Interlock Spring	
242	1001267183	1	Drive Bearing Block Assembly	
243	1001267180	1	Crank Handle Assembly	
244	1001267499	1	Belt Interlock Assembly	
245	1001267125	1	Spacer, Bearing (Small)	
246	1001267497	1	Freewheel Pulley Mount Assembly	
247	1001267185	1	Pulley, Lower Gearbox	
248	1001267182	1	Drive Pulley Assembly	
249	1001267135	1	Pin, Lock	
250	1001267137	4	Spacer, Bearing (Large)	

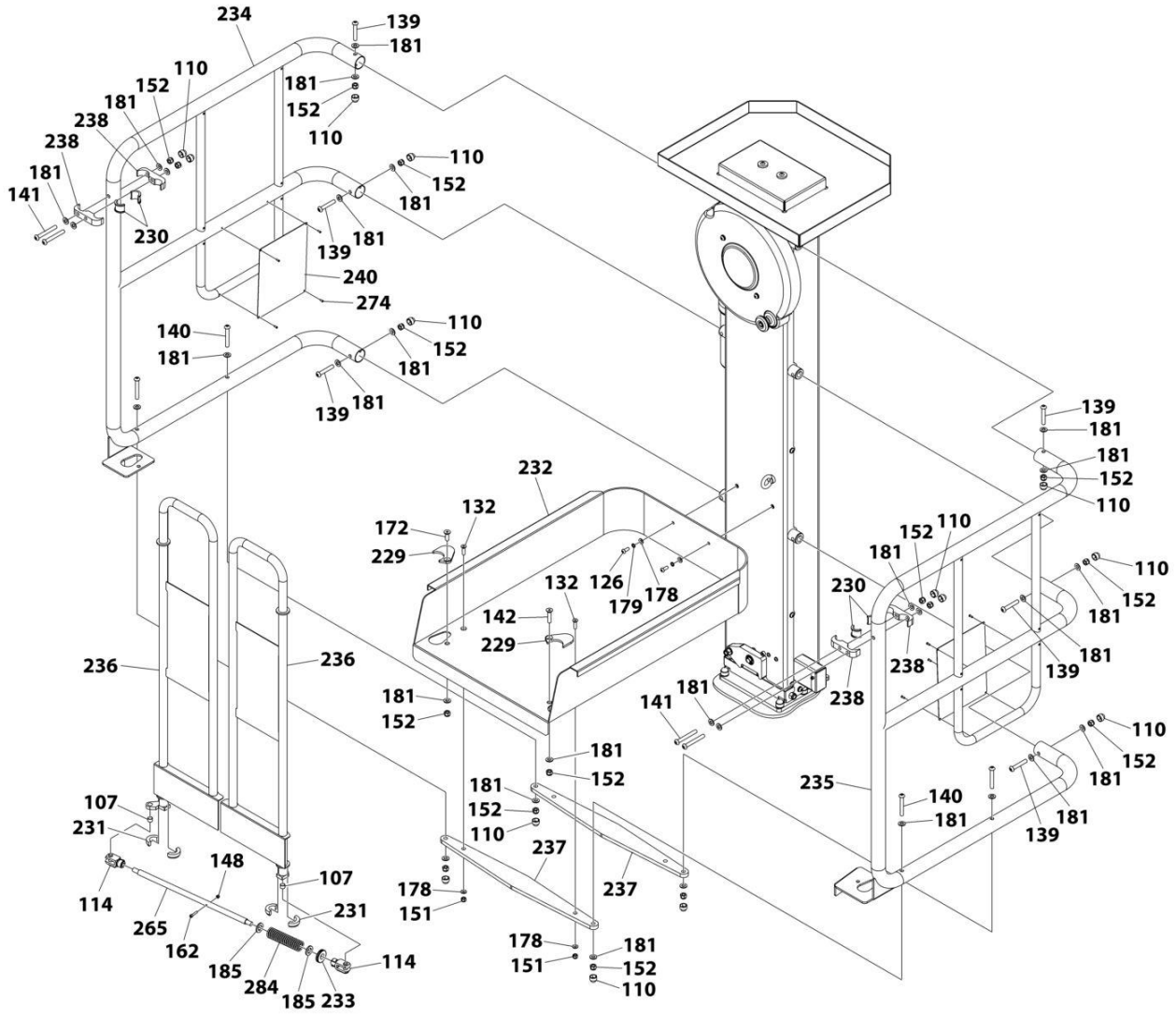
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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
251	1001267138	1	Clamp (Base)	
252	1001267139	1	Clamp (Top)	
253	1001267140	4	Clamp (Middle)	
254	1001267141	8	Clamp (Cog)	
255	1001267142	1	Spacer, Belt Clamp	
257	1001267473	1	Washer	
266	1001267184	1	Cover, Lock Plate Rear	
275	1001267151	1	Pulley, Drive	
276	1001267152	1	Pulley, Freewheel	
277	1001267154	1	Pulley, Guide	
281	1001267158	1	Spring, Belt	
285	PELM483	1	Spring, Handle	
289	1001266219	4	Washer	



# SECTION 7 - ECOLIFT X

## FIGURE 7-4. PLATFORM ASSEMBLY (ECOLIFTX)



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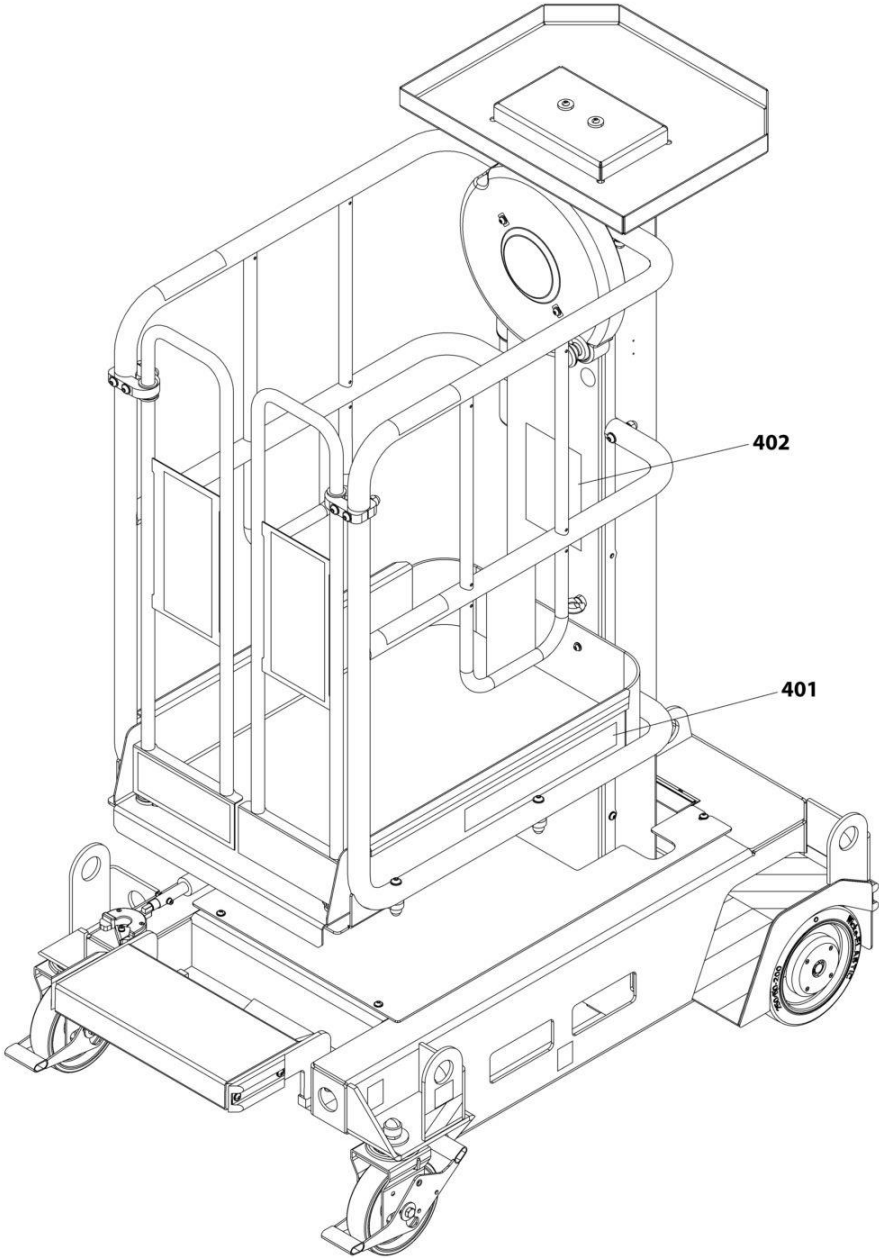
## SECTION 7 - ECOLIFT X

**FIGURE 7-4. PLATFORM ASSEMBLY (ECOLIFTX)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001308876	Ref	PLATFORM ASSEMBLY	A
107	1001266614	2	Bushing	
110	PTNSPM560	14	Cap, Nut M10	
114	1001267459	2	Clevis	
126	1001267042	6	Screw M8 x 20	
132	1001267049	2	Capscrew M8 x 30	
139	1001266119	6	Screw M10 x 60	
140	1001266120	4	Screw M10 x 70 GRD 10.9	
141	1001266414	4	Screw M10 x 80 GRD 10.9	
142	1001266420	1	Capscrew M10 x 45 GRD 10.9	
148	1001267057	1	Nut M5	
151	1001267060	2	Nut M8	
152	1001267061	16	Nut M10	
162	1001267464	1	Capscrew M5 x 25	
172	1001267466	1	Capscrew M10 x 30	
178	1001267089	4	Washer M8	
179	1001267091	2	Washer M8	
181	1001267092	30	Washer M10	
185	1001267096	2	Washer M16	
229	ECLM425	1	Plate, Linked Gate Cover (1 Pair)	
230	ECLM612	2	Bushing, Gate Hinge (Upper) (Set of 2)	
231	ECLM413	2	Bushing, Gate Hinge (Lower) (Set of 2)	
232	ECLM704	1	Tray	
233	1001266435	1	Spacer, Link Rod Spring	
234	1001267500	1	Rail (LH)	
235	1001267501	1	Rail (RH)	
236	1001267895	1	Gate (1 Pair)	
237	1001267897	2	Strap, Tray Support	
238	1001267502	4	Hinge, Gate	
240	1001267896	2	Panel, Stirrup	
265	1001267478	1	Rod, Gate Link	
274	1001267150	8	Rivet	
284	1001267484	1	Spring, Gate	

**SECTION 7 - ECOLIFT X**

**FIGURE 7-5. DECAL INSTALLATION (ECOLIFTX)**



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**SECTION 7 - ECOLIFT X**

**FIGURE 7-5. DECAL INSTALLATION (ECOLIFTX)**

<b>ITEM</b>	<b>PART NUMBER</b>	<b>QTY</b>	<b>DESCRIPTION</b>	<b>REV</b>
	1001308876	Ref	DECAL INSTALLATION	A
401	ELX202	2	Decal, Ecolift X Logos	
402	DCLELXENG	1	Decal Sheet - Complete (English) (Note: Individual Decals Not Available - Purchase Complete Sheet)	



**SECTION 8 - SPECIAL OPTIONS**

## SECTION 8 - SPECIAL OPTIONS

FIGURE 8-1. SPECIAL OPTIONS/ACCESSORIES/KITS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	Note: This list is to accomodate machines ordered with special equipment. Options may not be applicable to all models. For more specific parts information contact JLG Parts Department.	
	1001226127	Ref	ATEX Kit (Ecolift)	
	1001302748	Ref	ATEX Kit (Ecolift WR)	
	1001256697	Ref	Kits/Tools/Accessories	H
	1001298295	Ref	Kit, Handle Tip Service	
	1001314949	Ref	Kit, Pulley Bracket Service	

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