



Illustrated Parts Manual

Models Ecolift40

P/N

31222430

April 1, 2023 - Rev A

ANSI

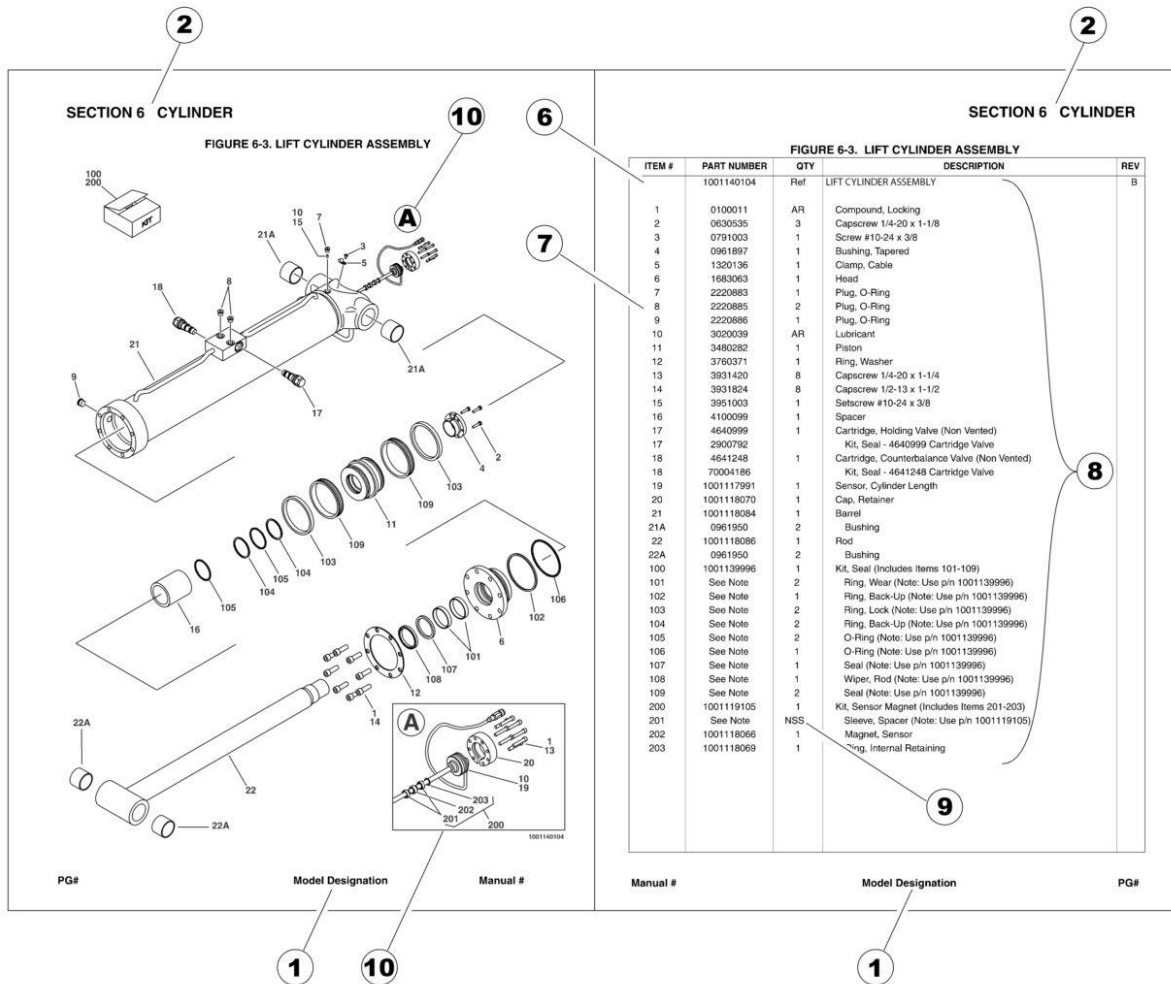


An Oshkosh Corporation Company

REVISION LOG

April 1, 2023 - A - Original Issue of Manual (Edited to 1001252000 Revision 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
ADE..... Advanced Design Electronics
AG..... Agricultural
ANSI..... American National Standards Institute
AR..... As Required
ASSY..... Assembly
AUS..... Australia
AUX..... Auxiliary
AWG..... American Wire Gauge
B/M..... Bill of Material
CAC..... Charge Air Cooler
CE..... European Conformity
CCW..... Counter Clockwise
CM..... Centimeter
CW..... Clockwise
CSA..... Canadian Standards Association
CYL..... Cylinder
DIA..... Diameter
DC..... Direct Current
DEF..... Diesel Exhaust Fluid
EMS..... Emergency Stop
ENG..... Engine
FT(ft)..... Feet
GA(Ga)..... Gauge
HRC..... High Rated Countries
HVAC..... Heating, Ventilating, and Air Conditioning
HYD..... Hydraulic
Hz..... Hertz
ID..... Inside Diameter
IN..... inches
ISO..... International Organization for Standards
JIC..... Joint Industry Council
KG..... Kilogram

L..... Liter
LB(LBS)..... Pounds
LCD..... Liquid Crystal Display
LED..... Light Emitting Diodes
LH..... Left Hand
LRC..... Low Rated Countries
LSS..... Load Sensing System
M(m)..... Metric/Meter
MM(mm)..... Milimeter
mA..... Milliamps
NLA..... No Longer Available
NPT..... National Pipe Threads
NSS..... Not Sold Separately
OD..... Outside Diameter
ORB..... O-Ring Boss
ORFS..... O-Ring Face Seal
OZ (oz)..... Ounces
PG..... Page
PN..... Part Number
QT(qt.)..... Quarts
QTY..... Quantity
REF..... Reference
REV..... Revision Level
RH..... Right Hand
SAE..... Society of Automotive Engineers
SN..... Serial Number
SPEC(S)..... Specifications
T/T..... Turntable
UGM..... Universal Ground Module
V..... Volts
W..... Watts
#..... Number

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.

TABLE OF CONTENTS

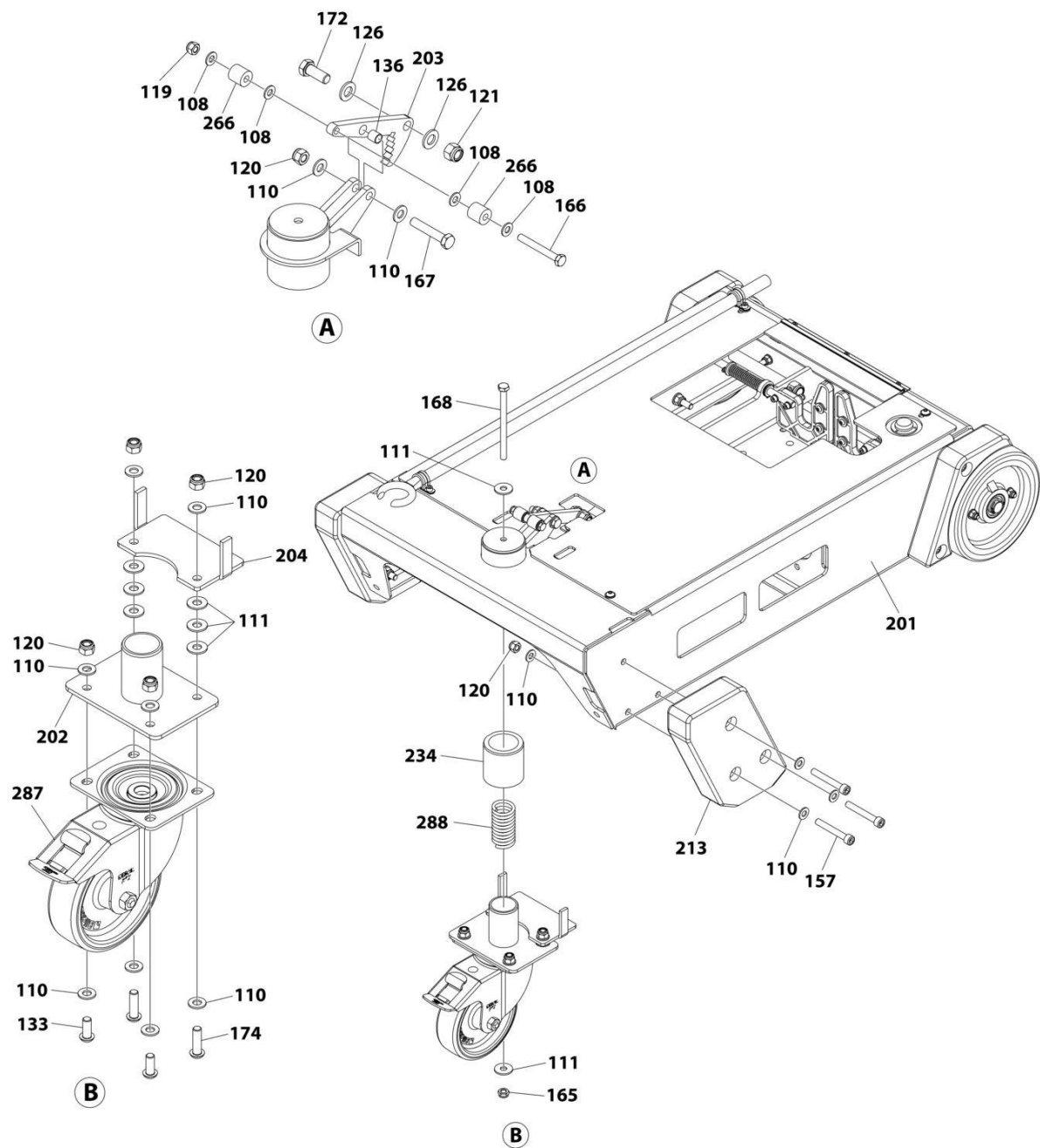
SECTION 1 - ECOLIFT 40 PRIOR TO SN P900018646	9
FIGURE 1-1. FRAME INSTALLTION 1OF2	10
FIGURE 1-2. FRAME INSTALLTION 2OF2	12
FIGURE 1-3. MAST INSTALLATION	14
FIGURE 1-4. LIFT ASSEMBLY INSTALLATION	18
FIGURE 1-5. PLATFORM INSTALLATION	22
FIGURE 1-6. STOCK PICKER TRAY INSTALLATION	24
FIGURE 1-7. DECALS INSTALLATION	26
FIGURE 1-8. RECOMMENDED SERVICE PARTS STOCK	28
FIGURE 1-9. SPECIAL OPTIONS/ACCESSORIES/KITS	30
SECTION 2 - ECOLIFT 40 SN P900018646 TO PRESENT	31
FIGURE 2-1. FRAME INSTALLTION 1OF2	32
FIGURE 2-2. FRAME INSTALLTION 2OF2	34
FIGURE 2-3. MAST INSTALLATION	36
FIGURE 2-4. LIFT ASSEMBLY INSTALLATION	40
FIGURE 2-5. PLATFORM INSTALLATION	44
FIGURE 2-6. STOCK PICKER TRAY INSTALLATION	46
FIGURE 2-7. DECALS INSTALLATION	48
FIGURE 2-8. RECOMMENDED SERVICE PARTS STOCK	50
FIGURE 2-9. SPECIAL OPTIONS/ACCESSORIES/KITS	52
PART NUMBER INDEX	53

SECTION 1 - ECOLIFT 40 PRIOR TO SN P900018646

SECTION 1 - ECOLIFT 40 PRIOR TO SN P900018646

SECTION 1 - ECOLIFT 40 PRIOR TO SN P900018646

FIGURE 1-1. FRAME INSTALLTION 1OF2



ART_ECOLIFT40_FRAME_2_1OF2

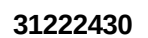
SECTION 1 - ECOLIFT 40 PRIOR TO SN P900018646

FIGURE 1-1. FRAME INSTALLTION 1OF2

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
108	1001265113	4	Washer M8	
110	1001265115	22	Washer M10	
111	1001265116	AR	Washer M10	
119	1001265135	1	Nut M8	
120	1001265136	11	Nut M10	
121	1001265138	1	Nut M12	
126	1001265462	2	Washer M12	
133	1001265959	2	Bolt M10 x 25	
136	1001266099	1	Bushing	
157	1001266125	6	Bolt M10 x 70	
165	1001266133	1	Nut M10	
166	1001266134	1	Bolt M8 x 65	
167	1001266135	1	Bolt M10 x 55	
168	1001266136	1	Bolt M10 x 140	
172	1001266140	1	Bolt M12 x 30	
174	1001266142	2	Bolt M10 x 35	
201	1001266267	1	Chassis Assembly	
202	1001266268	1	Castor Mounting Assembly	
203	1001266269	1	Latch, Castor	
204	1001266270	1	Catch Plate, Castor	
213	PELM403	2	Foot, Corner	
234	PELM434	1	Bushing	
266	PELM496	2	Reel, Clamp	
287	1001281278	1	Wheel, Series Castor	
288	1001281306	1	Spring, Castor	

12

EcoLift40



ART_ECOLIFT40_FRAME_2_2OF2

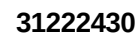
SECTION 1 - ECOLIFT 40 PRIOR TO SN P900018646

FIGURE 1-2. FRAME INSTALLTION 2OF2

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
101	1001264556	2	Bolt M6 x 35	
102	1001264557	5	Nut M6	
107	1001265112	4	Washer M6	
108	1001265113	6	Washer M8	
110	1001265115	7	Washer M10	
111	1001265116	AR	Washer M10	
114	1001265124	3	Bolt M5 x 12	
115	1001265127	2	Bolt M6 x 20	
117	1001265133	1	Nut M4	
118	1001265134	3	Nut M5	
119	1001265135	5	Nut M8	
120	1001265136	3	Nut M10	
122	1001265139	1	Nut M16	
125	1001265461	5	Washer M6	
126	1001265462	1	Washer M12	
130	1001265508	AR	Bolt M10 x 30	
140	1001266105	2	Circlip	
142	1001266108	1	Cotterpin	
146	1001266112	2	Bolt M6 x 25	
147	1001266113	2	Bolt M8 x 25	
154	1001266122	1	Bolt M4 x 20	
157	1001266125	2	Bolt M10 x 70	
163	1001266131	2	Bolt M8 x 45	
173	1001266141	1	Bolt M8 x 40	
186	1001266244	1	Plate, Brake Cam	
189	1001266247	1	Plate, Brake Cam	
216	PELM406	1	Cover, Chassis	
217	PELM407	1	Emergency Lowering Tool (All Specs Except Australian Specs)	
219	PELM409	2	Buffer, Conical	
223	PELM414	1	Spring, Brake	
224	PELM415	1	Pin, Brake	
237	PELM438	2	Clip	
242	PELM459	1	Brush	
260	PELM486	1	Bushing	
271	PELM587	1	Bushing	
273	PTM106	1	Level, Spirit	
279	1001277256	1	Fixed Wheel	
281	1001277258	1	Rear Mudguard, Mould	
282	1001277259	1	Brake, Disc	
283	1001277260	1	Axle, Stub	
284	1001277261	1	Cable, Earthing Stainless Steel	

14

EcoLift40



ART_ECOLIFT40_MAST_2

SECTION 1 - ECOLIFT 40 PRIOR TO SN P900018646

FIGURE 1-3. MAST INSTALLATION

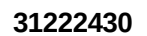
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
103	1001264558	4	Washer M8	
108	1001265113	15	Washer M8	
109	1001265114	6	Washer M8	
110	1001265115	6	Washer M10	
113	1001265121	2	Bolt M8 x 30	
116	1001265131	2	Bolt M10 x 20	
118	1001265134	1	Nut M5	
119	1001265135	10	Nut M8	
121	1001265138	2	Nut M12	
124	1001265149	4	Rivet	
126	1001265462	8	Washer M12	
127	1001265496	4	Nut M8	
128	1001265506	1	Bolt M8 x 12	
129	1001265507	4	Bolt M8 x 20	
131	1001265746	6	Nut M12	
137	1001266100	2	Bushing	
138	1001266101	6	Nut M12	
141	1001266107	1	Pin, Spring	
143	1001266109	3	Washer M14	
144	1001266110	4	Washer M16	
148	1001266114	2	Bolt M8 x 50	
149	1001266115	6	Bolt M10 x 25	
153	1001266121	6	Bolt M12 x 40	
159	1001266127	2	Bolt M8 x 10	
160	1001266128	1	Bolt M8 x 25	
169	1001266137	1	Bolt M5 x 50	
171	1001266139	4	Bolt M10 x 16	
176	1001266144	7	Bolt M8 x 16	
177	1001266145	2	Bolt M8 x 25	
180	1001266211	1	Ring, Interlock Pin	
185	1001266243	1	Roller, Outer Mast	
190	1001266253	1	Axle, Wheel	
191	1001266254	3	Wear Disc	
192	1001266255	1	Wear Disc	
195	1001266259	1	Pin, Interlock	
205	1001266271	1	Mast, Outer	
215	PELM405	1	Tray, Tool	
225	PELM416	1	Cover, Roller	
227	PELM420	1	Cap, Mast	
228	PELM421	1	Housing, Interlock	
238	PELM4402	1	Strut, Gas	
241	PELM454	1	Strip, Wear	
245	PELM463	1	Mounting, Gas Strut	
251	PELM475	2	Reel	
252	PELM478	2	Spacer	
253	PELM479	1	Axle, Roller	
255	PELM481	1	Cover, Interlock Housing	
256	PELM482	1	Cap, Interlock Housing	
259	PELM485	2	Spacer	
262	PELM489	6	Peg, Cage Mounting	

SECTION 1 - ECOLIFT 40 PRIOR TO SN P900018646

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
264	PELM494	1	Spring	
265	PELM495	1	Canister, Document	
267	PELM497	1	Mast, Inner	
268	PELM498	2	Roller, Corner	
276	PTNSPM562	2	Bearing, Roller	
277	PTNSPM664	2	Bearing, Needle Roller	
285	ECLM603	1	Cover, Handle	
289	1001277255	1	Plate, Belt Interlock	

18

EcoLift40



ART_ECOLIFT40_LIFT ASSEMBLY_2

SECTION 1 - ECOLIFT 40 PRIOR TO SN P900018646

FIGURE 1-4. LIFT ASSEMBLY INSTALLATION

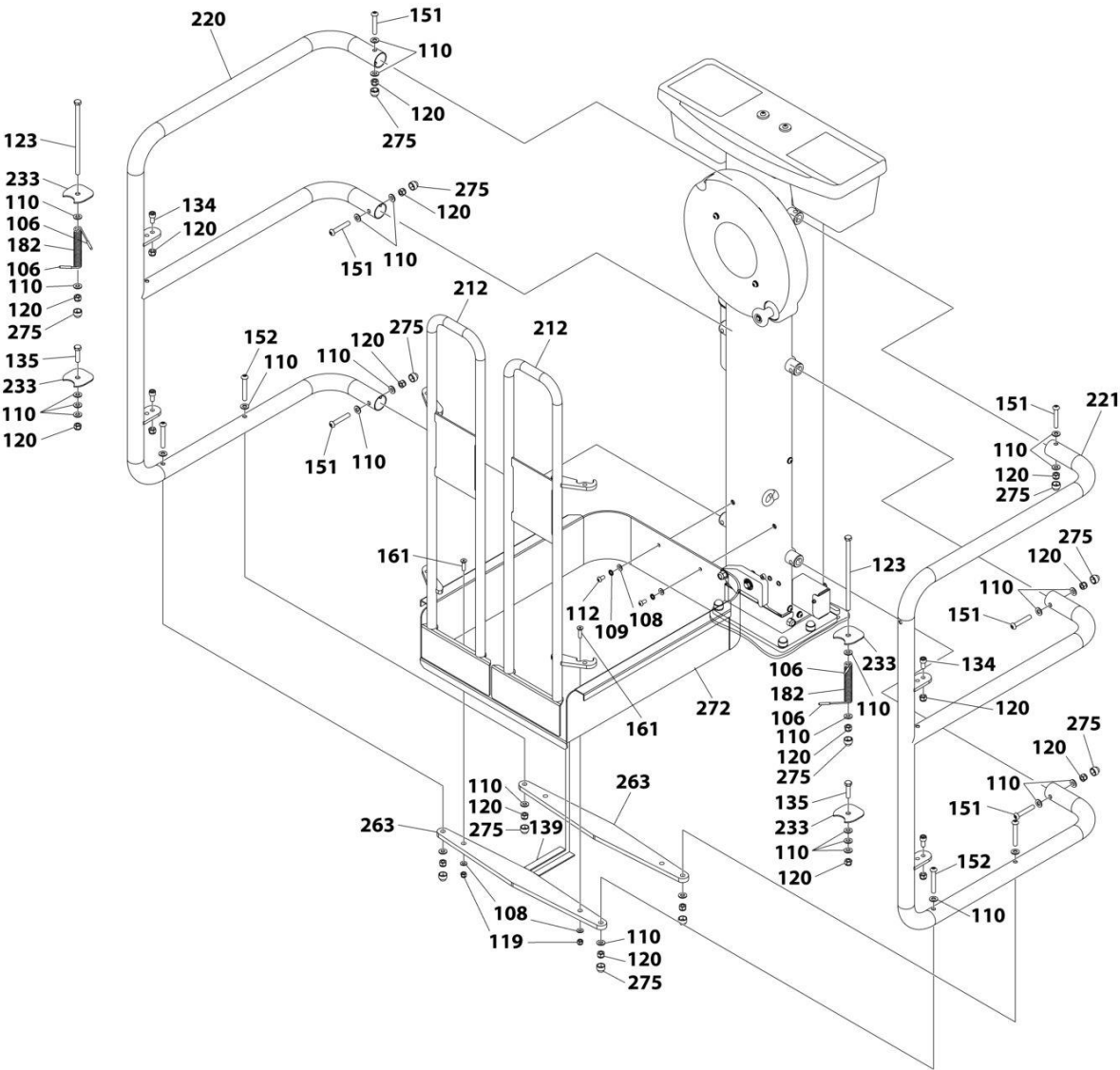
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
102	1001264557	5	Nut M6	
103	1001264558	1	Washer M8	
104	1001264559	1	Circlip	
105	1001264707	2	Bolt M6 x 20	
107	1001265112	6	Washer M6	
108	1001265113	8	Washer M8	
110	1001265115	8	Washer M10	
111	1001265116	AR	Washer M10	
113	1001265121	4	Bolt M8 x 30	
119	1001265135	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	AR	Bolt M10 x 30	
141	1001266107	1	Pin, Spring	
142	1001266108	2	Cotterpin	
150	1001266117	2	Bolt M10 x 40	
155	1001266123	1	Bolt M6 x 50	
156	1001266124	1	Bolt M8 x 16	
158	1001266126	2	Bolt M6 x 35	
162	1001266130	2	Bolt M8 x 35	
164	1001266132	2	Bolt M8 x 50	
170	1001266138	1	Bolt M8 x 55	
178	1001266146	3	Ring, Spring	
179	1001266210	1	Key, Pulley	
184	1001266219	4	Washer, Plastic	
187	1001266245	1	Guide, Reel	
193	1001266257	5	Spacer	
194	1001266258	1	Spacer	
196	1001266260	1	Plate, Belt Clamp Base	
197	1001266261	1	Plate, Belt Clamp Top	
198	1001266262	4	Plate, Belt Clamp Middle	
199	1001266264	8	Cog, Belt Clamp	
200	1001266265	1	Spacer, Belt Clamp	
207	1001266273	1	Mount, Interlock Spring	
208	1001266274	1	Handle	
209	1001266275	1	Cover, Lock Plate Rear	
210	1001266434	1	Block, Drive Bearing	
222	PELM412	1	Knob, Handle	
229	PELM426	1	Panel, Front Pulley	
230	PELM427	1	Plate, Lower Tensioner	
231	PELM428	1	Belt	
232	PELM429	1	Pulley, Lower	
239	PELM441	1	Washer, Drive Belt	
240	PELM442	10	Bearing, Pulley	
243	PELM461	1	Mount, Top/Free Wheel Pulley	
244	PELM462	1	Gear, Drive	
246	PELM467	1	Pulley, Guide	
247	PELM469	1	Pulley, Top/Free Wheel	

SECTION 1 - ECOLIFT 40 PRIOR TO SN P900018646

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
248	PELM471	1	Plate, Lock	
249	PELM472	1	Pulley, Drive	
254	PELM480	1	Tip, Lock Pin	
257	PELM483	1	Spring, Handle	
258	PELM484	1	Spring, Belt	
261	PELM488	1	Plate, Lower Pulley Tensioner	
266	PELM496	2	Reel, Clamp	
269	PELM499	1	Pin, Lock	
270	PELM506	1	Bushing	
274	PTM149	1	Eye, Harness	

SECTION 1 - ECOLIFT 40 PRIOR TO SN P900018646

FIGURE 1-5. PLATFORM INSTALLATION



ART_ECOLIFT40_PLATFORM_2

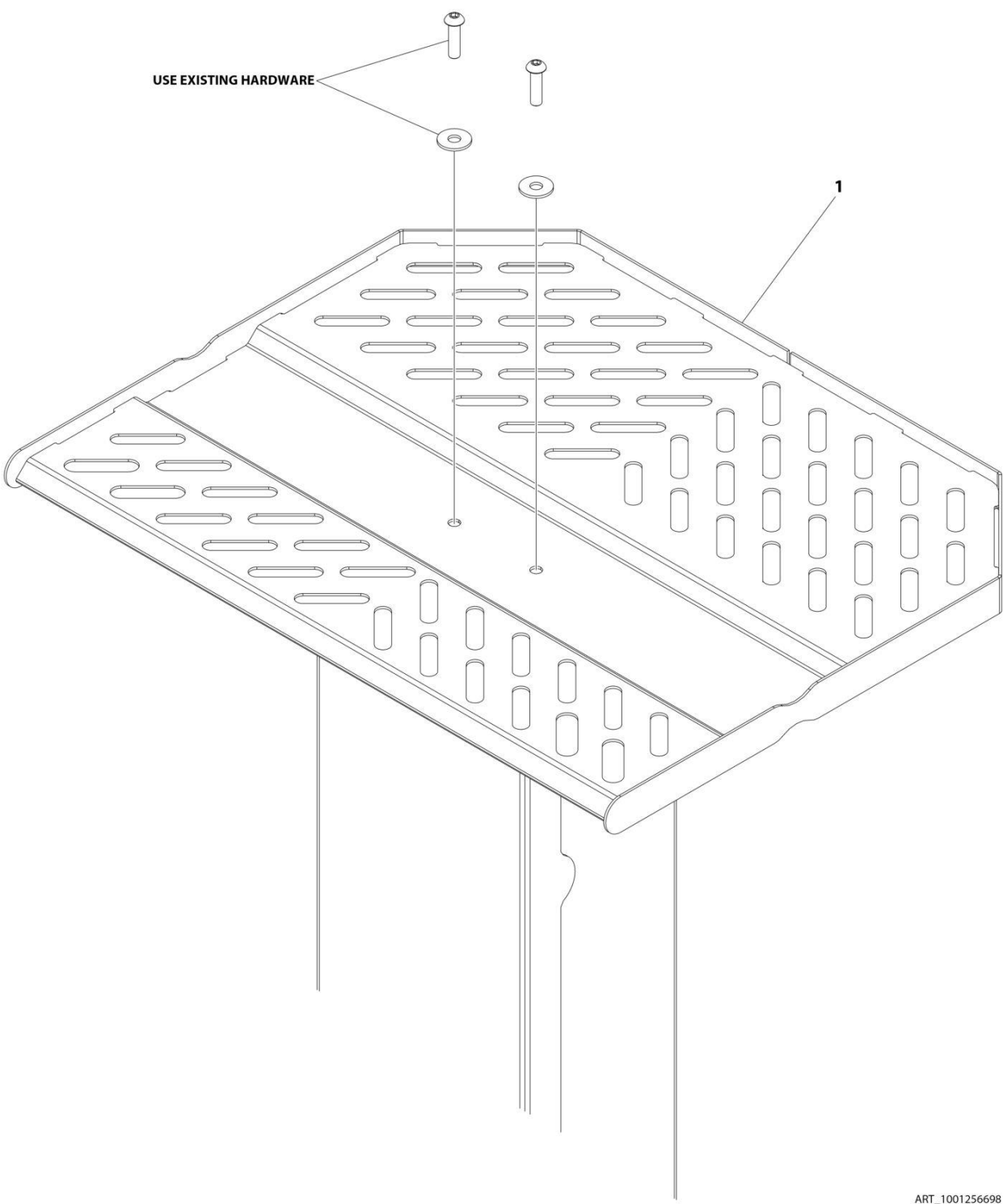
SECTION 1 - ECOLIFT 40 PRIOR TO SN P900018646

FIGURE 1-5. PLATFORM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
106	1001265092	4	Cap, Spring	
108	1001265113	4	Washer M8	
109	1001265114	2	Washer M8	
110	1001265115	30	Washer M10	
112	1001265120	2	Bolt M8 x 16	
119	1001265135	2	Nut M8	
120	1001265136	18	Nut M10	
123	1001265144	2	Bolt M10 x 220	
134	1001265961	4	Bolt M10 x 20	
135	1001265962	2	Bolt M10 x 40	
139	1001266102	2	Trim, Foam	
151	1001266119	6	Bolt M10 x 60	
152	1001266120	4	Bolt M10 x 70	
161	1001266129	2	Bolt M8 x 30	
182	1001266216	2	Spring, Gate	
212	PELM402	2	Gate, Platform (non-locking Gate)	
220	PELM410	1	Guardrail - Left (non-locking Gate)	
221	PELM411	1	Guardrail - Right (non-locking Gate)	
233	PELM430	4	Cover, Hinge	
263	PELM490	2	Strap, Platform Tray Support	
272	PELM800	1	Tray, Platform	
275	PTNSPM560	12	Nut M10	

SECTION 1 - ECOLIFT 40 PRIOR TO SN P900018646

FIGURE 1-6. STOCK PICKER TRAY INSTALLATION



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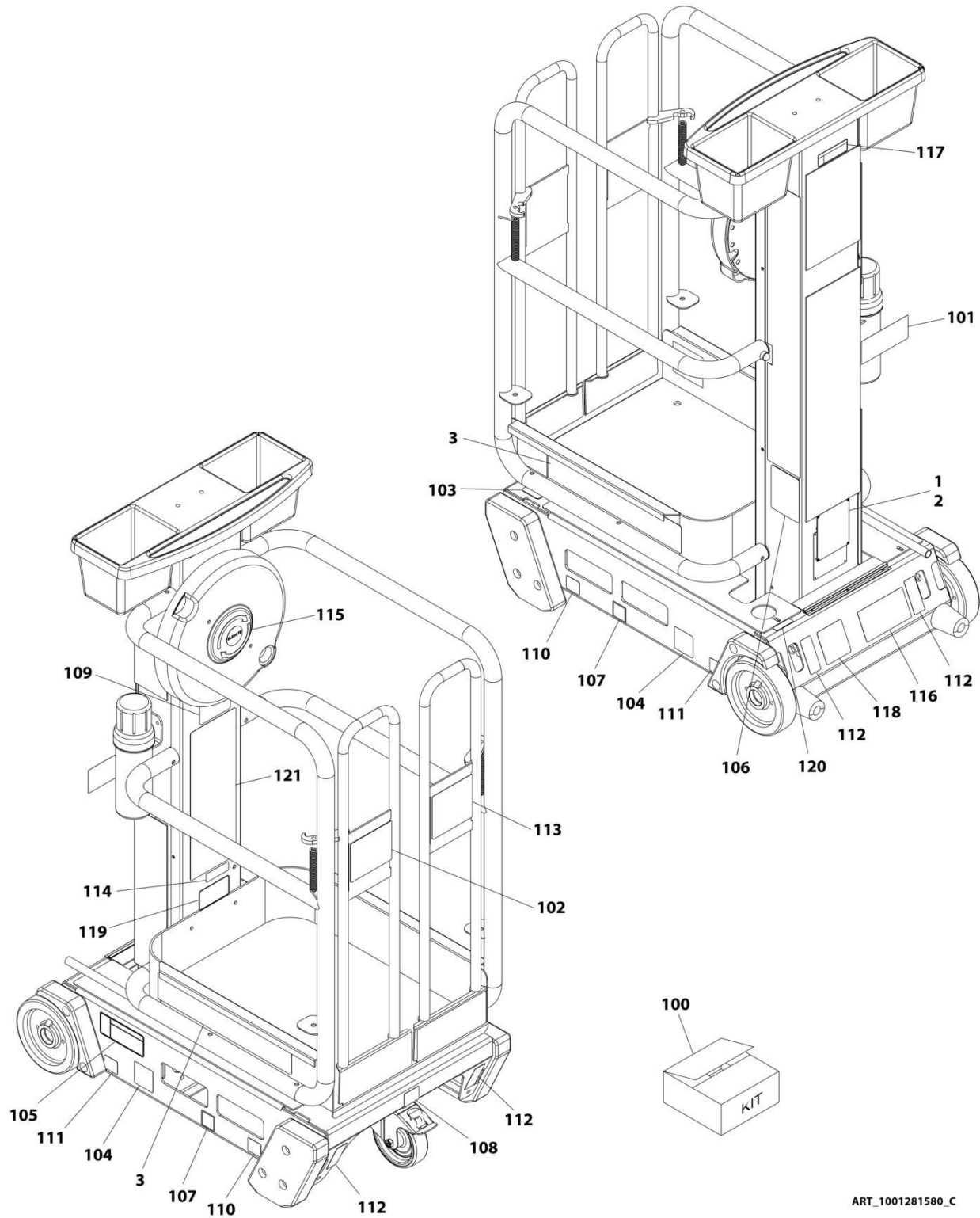
SECTION 1 - ECOLIFT 40 PRIOR TO SN P900018646

FIGURE 1-6. STOCK PICKER TRAY INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001256698	Ref	TOOL TRAY INSTALLATION	A
	1001249314	1	Tool Tray	

SECTION 1 - ECOLIFT 40 PRIOR TO SN P900018646

FIGURE 1-7. DECALS INSTALLATION



ART_1001281580_C

SECTION 1 - ECOLIFT 40 PRIOR TO SN P900018646

FIGURE 1-7. DECALS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001281580	Ref	DECALS INSTALLATION - ECO 40	C
1	3820001	4	Rivet (Prior to SN P900017382)	
2	See Note	NSS	Nameplate - Manufacturers Serial Number (Note: Not Available for Purchase) (Prior to SN P900017382)	
3	1001281280	2	Decal - ECO 40 Logo	
100	1001281279	1	Decal - Kit	
101	1701509	1	Decal - Manual	
102	1703781	1	Decal - Electrical Hazard	
103	1703786	1	Decal - Crushing Hazard	
104	1703817	2	Decal - Fork Lift	
105	1706832	1	Decal - Danger Electrocution	
106	1001131270	1	Decal - Patent	
107	1001212290	2	Decal - Tie Down	
108	1001213208	1	Decal - Wheel Castor Lock	
109	1001213279	1	Decal - Capacity	
110	1001213439	2	Decal - Wheel Pad Load	
111	1001213440	2	Decal - Wheel Load	
112	1001213442	4	Decal - Lifting	
113	1001213545	1	Decal - Warning/Crushing/Tipping/Hazard	
114	1001213582	1	Decal - Fall Restraint	
115	1001213997	1	Decal - Elevate Crank	
116	1001214125	1	Decal - Manual Descending	
117	1001215043	1	Decal - Warning Pressure/Gas Strut	
118	1001223055	1	Decal - Yearly Inspection	
119	1001231801	1	Decal - Warning Prop 65	
120	1001245238	1	Decal - Level Indicator	
121	1001251158	1	Decal - Warning	

SECTION 1 - ECOLIFT 40 PRIOR TO SN P900018646

FIGURE 1-8. RECOMMENDED SERVICE PARTS STOCK

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	Note: The following list will service one machine (built to current production per date on the front cover) with emergency repair parts which can be installed in the field. Parts from the list should be replaced when inventory is depleted to keep service parts stock supplied. For further information, contact your JLG dealer or the JLG Industries Parts Department.	
	PELM407	1	Emergency Lowering Tool (All Specs Except Australian Specs)	

SECTION 1 - ECOLIFT 40 PRIOR TO SN P900018646

FIGURE 1-9. SPECIAL OPTIONS/ACCESSORIES/KITS

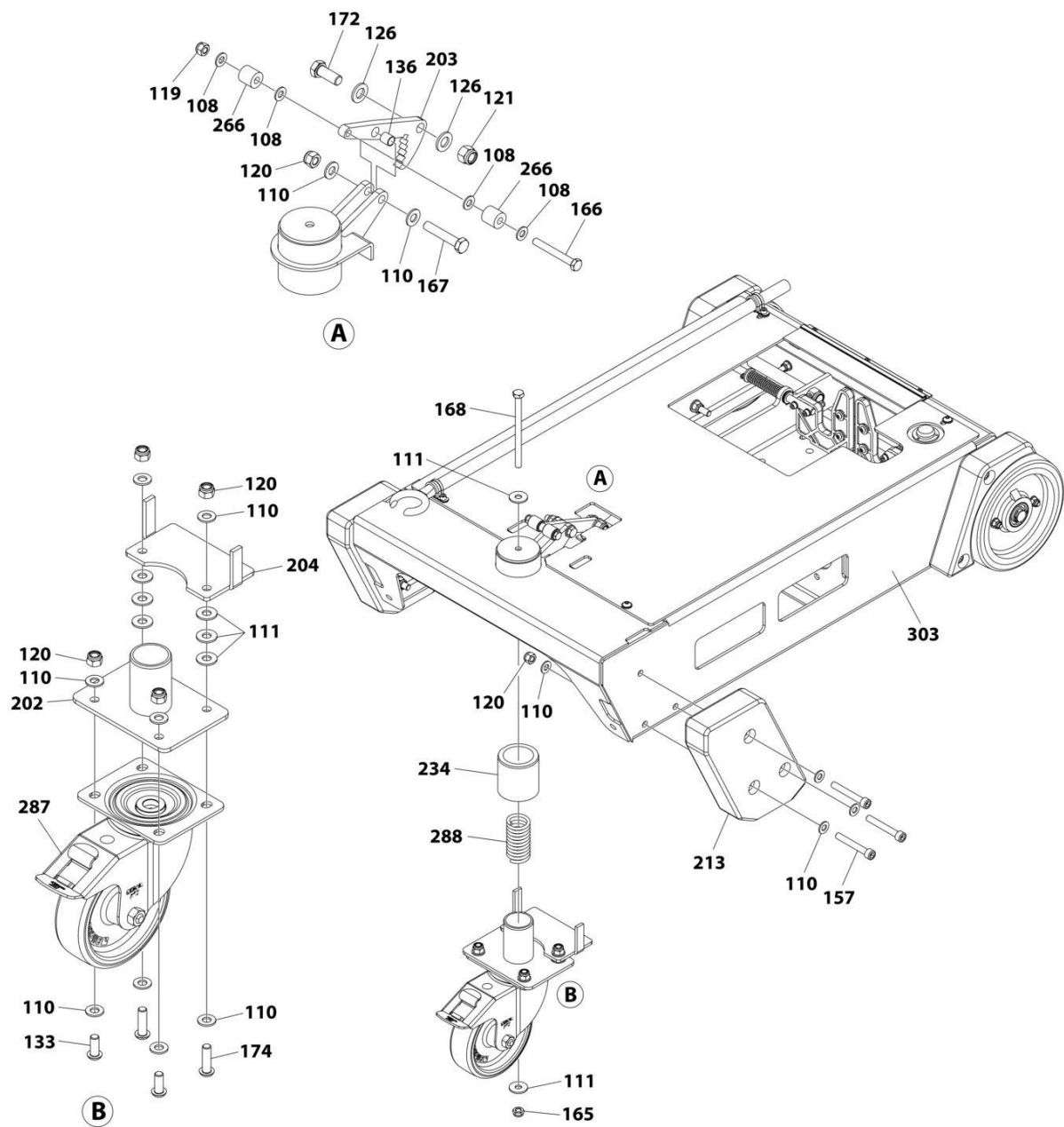
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	Note: This list is to accommodate machines ordered with special equipment. Options may not be applicable to all models. For more specific parts information contact JLG Parts Department.	
		Ref	MISCELLANEOUS SPECIAL OPTIONS/ACCESSORIES/KITS	
	PELM500	1	Cylinder Pressurizing Kit (Includes Hose, Gauges, fittings & Flow Valve)	
	1001256697	Ref	Service Kits & Tools	F
	1001302747	Ref	Static Strap Kit	

SECTION 2 - ECOLIFT 40 SN P900018646 TO PRESENT

SECTION 2 - ECOLIFT 40 SN P900018646 TO PRESENT

SECTION 2 - ECOLIFT 40 SN P900018646 TO PRESENT

FIGURE 2-1. FRAME INSTALLTION 1OF2



ART_ECOLIFT40_FRAME_3_1OF2

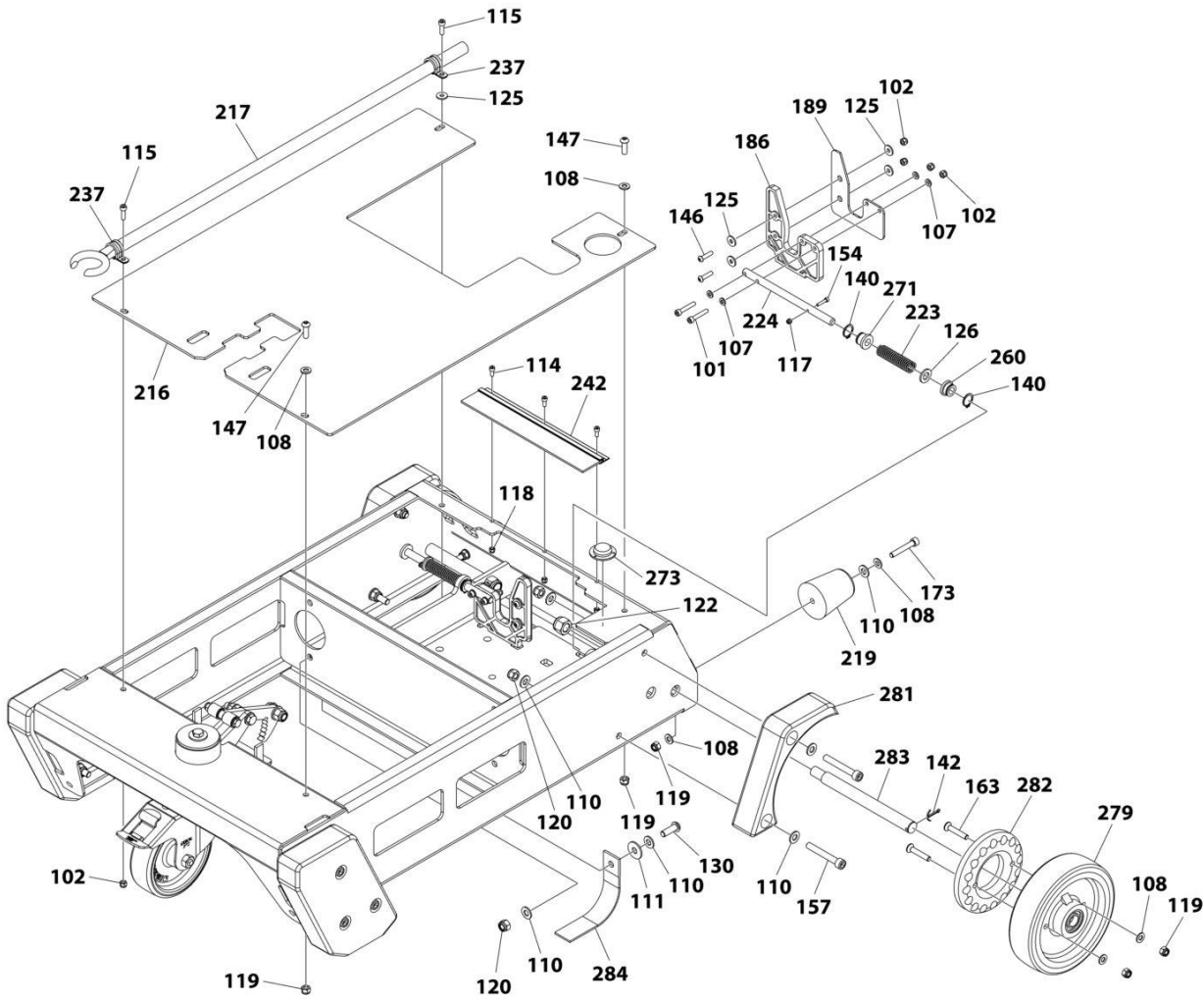
SECTION 2 - ECOLIFT 40 SN P900018646 TO PRESENT

FIGURE 2-1. FRAME INSTALLTION 1OF2

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
108	1001265113	4	Washer M8	
110	1001265115	14	Washer M10	
111	1001265116	AR	Washer M10	
119	1001265135	1	Nut M8	
120	1001265136	6	Nut M10	
121	1001265138	1	Nut M12	
126	1001265462	2	Washer M12	
133	1001265959	2	Bolt M10 x 25	
136	1001266099	1	Bushing	
157	1001266125	3	Bolt M10 x 70	
165	1001266133	1	Nut M10	
166	1001266134	1	Bolt M8 x 65	
167	1001266135	1	Bolt M10 x 55	
168	1001266136	1	Bolt M10 x 140	
172	1001266140	1	Bolt M12 x 30	
174	1001266142	2	Bolt M10 x 35	
202	1001266268	1	Castor Mounting Assembly	
203	1001266269	1	Latch, Castor	
204	1001266270	1	Catch Plate, Castor	
213	PELM403	1	Foot, Corner	
234	PELM434	1	Bushing	
266	PELM496	2	Reel, Clamp	
287	1001281278	1	Wheel, Series Castor	
288	1001281306	1	Spring, Castor	
303	1001298765	1	Chassis Assembly	

SECTION 2 - ECOLIFT 40 SN P900018646 TO PRESENT

FIGURE 2-2. FRAME INSTALLTION 2OF2



ART_ECOLIFT40_FRAME_3_2OF2

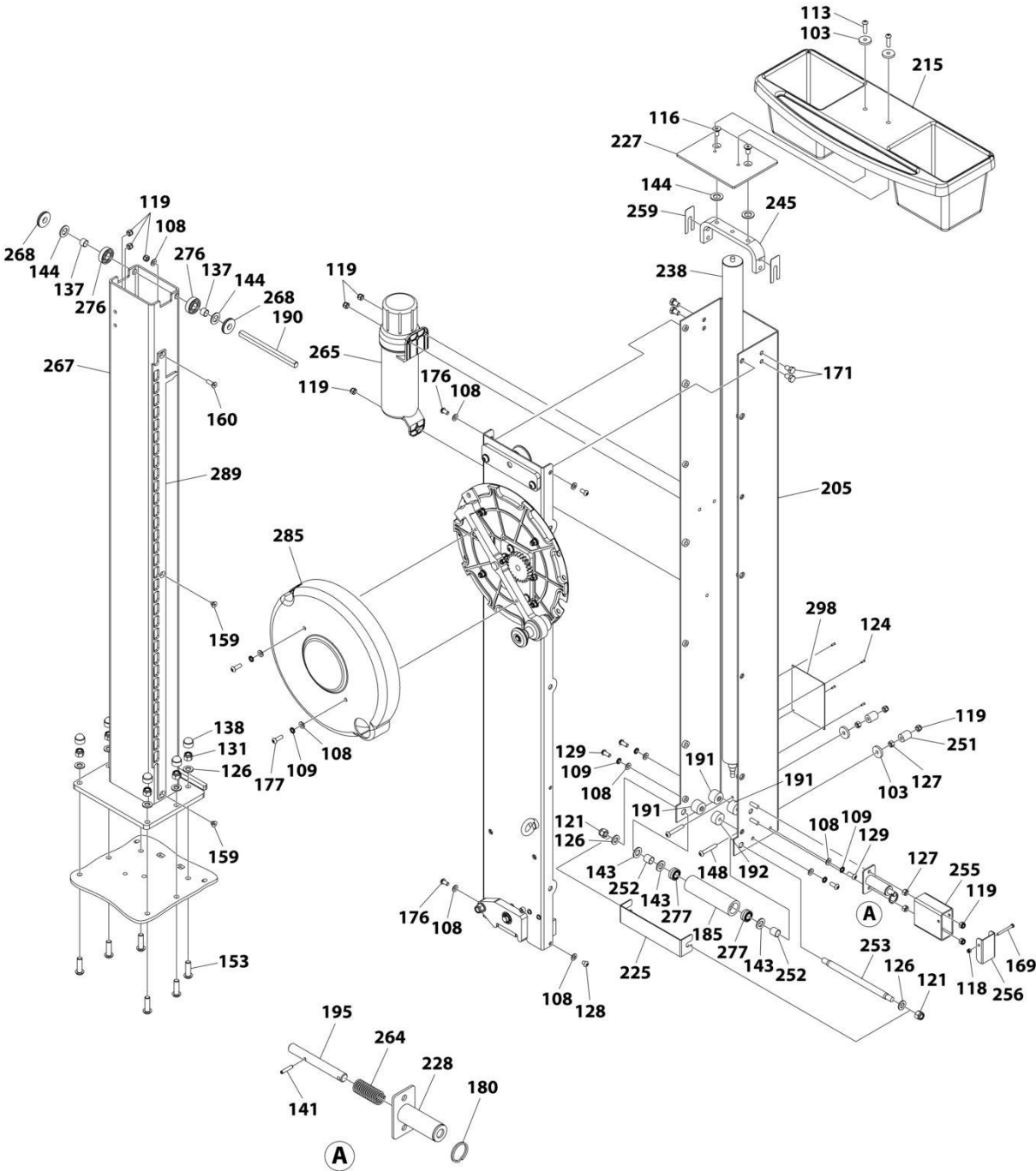
SECTION 2 - ECOLIFT 40 SN P900018646 TO PRESENT

FIGURE 2-2. FRAME INSTALLTION 2OF2

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
101	1001264556	2	Bolt M6 x 35	
102	1001264557	5	Nut M6	
107	1001265112	4	Washer M6	
108	1001265113	6	Washer M8	
110	1001265115	7	Washer M10	
111	1001265116	AR	Washer M10	
114	1001265124	3	Bolt M5 x 12	
115	1001265127	2	Bolt M6 x 20	
117	1001265133	1	Nut M4	
118	1001265134	3	Nut M5	
119	1001265135	5	Nut M8	
120	1001265136	3	Nut M10	
122	1001265139	1	Nut M16	
125	1001265461	5	Washer M6	
126	1001265462	1	Washer M12	
130	1001265508	AR	Bolt M10 x 30	
140	1001266105	2	Circlip	
142	1001266108	1	Cotterpin	
146	1001266112	2	Bolt M6 x 25	
147	1001266113	2	Bolt M8 x 25	
154	1001266122	1	Bolt M4 x 20	
157	1001266125	2	Bolt M10 x 70	
163	1001266131	2	Bolt M8 x 45	
173	1001266141	1	Bolt M8 x 40	
186	1001266244	1	Plate, Brake Cam	
189	1001266247	1	Plate, Brake Cam	
216	PELM406	1	Cover, Chassis	
217	PELM407	1	Emergency Lowering Tool (All Specs Except Australian Specs)	
219	PELM409	1	Buffer, Conical	
223	PELM414	1	Spring, Brake	
224	PELM415	1	Pin, Brake	
237	PELM438	2	Clip	
242	PELM459	1	Brush	
260	PELM486	1	Bushing	
271	PELM587	1	Bushing	
273	PTM106	1	Level, Spirit	
279	1001277256	1	Fixed Wheel	
281	1001277258	1	Rear Mudguard, Mould	
282	1001277259	1	Brake, Disc	
283	1001277260	1	Axle, Stub	
284	1001277261	1	Cable, Earthing Stainless Steel	

SECTION 2 - ECOLIFT 40 SN P900018646 TO PRESENT

FIGURE 2-3. MAST INSTALLATION



ART_ECOLIFT40_MAST_3

SECTION 2 - ECOLIFT 40 SN P900018646 TO PRESENT

FIGURE 2-3. MAST INSTALLATION

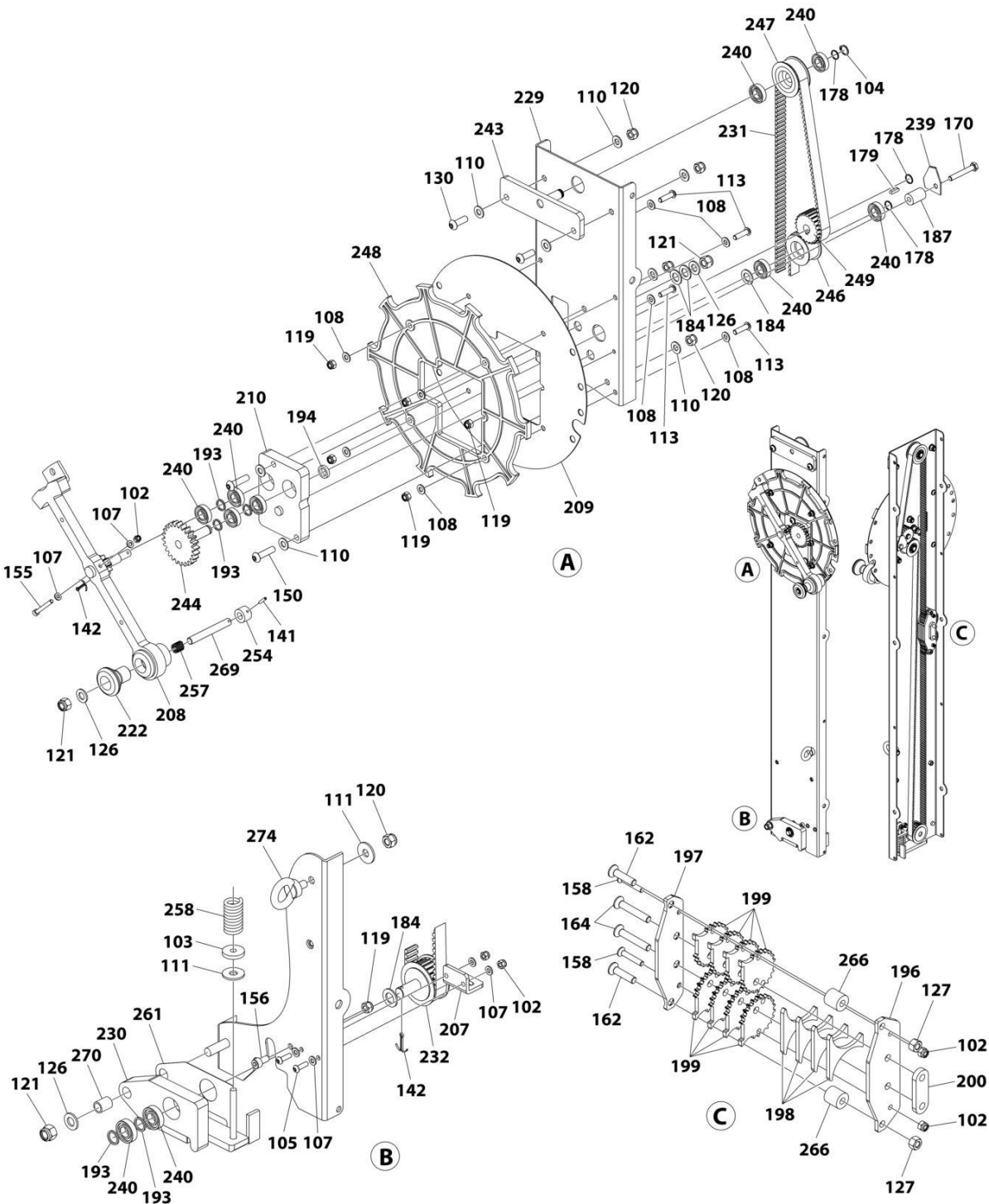
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
103	1001264558	4	Washer M8	
108	1001265113	11	Washer M8	
109	1001265114	6	Washer M8	
113	1001265121	2	Bolt M8 x 30	
116	1001265131	2	Bolt M10 x 20	
118	1001265134	1	Nut M5	
119	1001265135	10	Nut M8	
121	1001265138	2	Nut M12	
124	1001265149	4	Rivet	
126	1001265462	7	Washer M12	
127	1001265496	4	Nut M8	
128	1001265506	1	Bolt M8 x 12	
129	1001265507	4	Bolt M8 x 20	
131	1001265746	5	Nut M12	
137	1001266100	2	Bushing	
138	1001266101	5	Nut M12	
141	1001266107	1	Pin, Spring	
143	1001266109	3	Washer M14	
144	1001266110	4	Washer M16	
148	1001266114	2	Bolt M8 x 50	
153	1001266121	6	Bolt M12 x 40	
159	1001266127	2	Bolt M8 x 10	
160	1001266128	1	Bolt M8 x 25	
169	1001266137	1	Bolt M5 x 50	
171	1001266139	4	Bolt M10 x 16	
176	1001266144	3	Bolt M8 x 16	
177	1001266145	2	Bolt M8 x 25	
180	1001266211	1	Ring, Interlock Pin	
185	1001266243	1	Roller, Outer Mast	
190	1001266253	1	Axle, Wheel	
191	1001266254	3	Wear Disc	
192	1001266255	1	Wear Disc	
195	1001266259	1	Pin, Interlock	
205	1001266271	1	Mast, Outer	
215	PELM405	1	Tray, Tool	
225	PELM416	1	Cover, Roller	
227	PELM420	1	Cap, Mast	
228	PELM421	1	Housing, Interlock	
238	PELM4402	1	Strut, Gas	
245	PELM463	1	Mounting, Gas Strut	
251	PELM475	2	Reel	
252	PELM478	2	Spacer	
253	PELM479	1	Axle, Roller	
255	PELM481	1	Cover, Interlock Housing	
256	PELM482	1	Cap, Interlock Housing	
259	PELM485	2	Spacer	
264	PELM494	1	Spring	
265	PELM495	1	Canister, Document	
267	PELM497	1	Mast, Inner	
268	PELM498	2	Roller, Corner	

SECTION 2 - ECOLIFT 40 SN P900018646 TO PRESENT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
276	PTNSPM562	2	Bearing, Roller	
277	PTNSPM664	2	Bearing, Needle Roller	
285	ECLM603	1	Cover, Handle	
289	1001277255	1	Plate, Belt Interlock	
298	1001291212	1	Plate	

SECTION 2 - ECOLIFT 40 SN P900018646 TO PRESENT

FIGURE 2-4. LIFT ASSEMBLY INSTALLATION



ART_ECOLIFT40_LIFT ASSEMBLY_3

SECTION 2 - ECOLIFT 40 SN P900018646 TO PRESENT

FIGURE 2-4. LIFT ASSEMBLY INSTALLATION

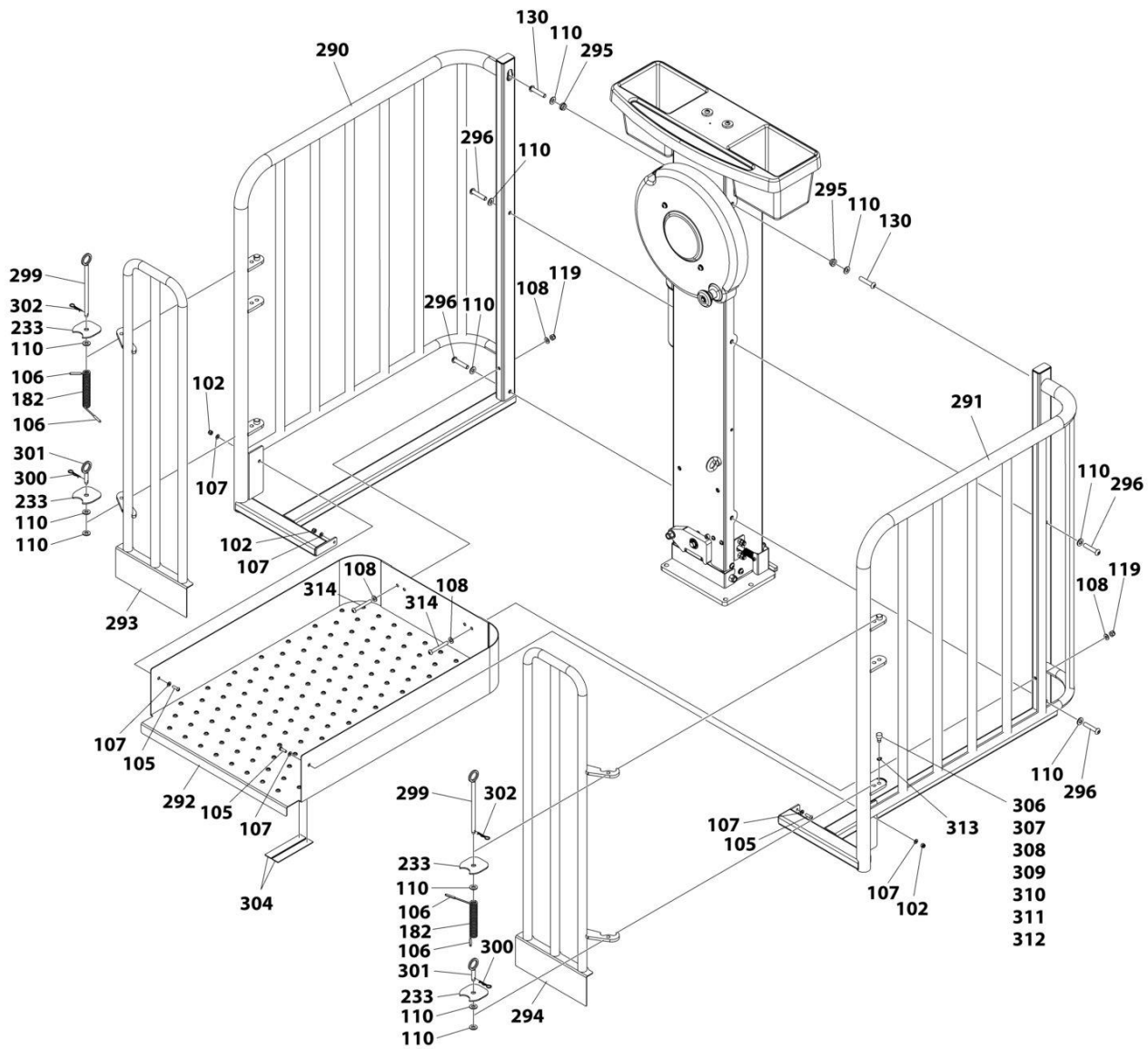
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
102	1001264557	5	Nut M6	
103	1001264558	1	Washer M8	
104	1001264559	1	Circlip	
105	1001264707	2	Bolt M6 x 20	
107	1001265112	6	Washer M6	
108	1001265113	8	Washer M8	
110	1001265115	8	Washer M10	
111	1001265116	AR	Washer M10	
113	1001265121	4	Bolt M8 x 30	
119	1001265135	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	AR	Bolt M10 x 30	
141	1001266107	1	Pin, Spring	
142	1001266108	2	Cotterpin	
150	1001266117	2	Bolt M10 x 40	
155	1001266123	1	Bolt M6 x 50	
156	1001266124	1	Bolt M8 x 16	
158	1001266126	2	Bolt M6 x 35	
162	1001266130	2	Bolt M8 x 35	
164	1001266132	2	Bolt M8 x 50	
170	1001266138	1	Bolt M8 x 55	
178	1001266146	3	Ring, Spring	
179	1001266210	1	Key, Pulley	
184	1001266219	4	Washer, Plastic	
187	1001266245	1	Guide, Reel	
193	1001266257	5	Spacer	
194	1001266258	1	Spacer	
196	1001266260	1	Plate, Belt Clamp Base	
197	1001266261	1	Plate, Belt Clamp Top	
198	1001266262	4	Plate, Belt Clamp Middle	
199	1001266264	8	Cog, Belt Clamp	
200	1001266265	1	Spacer, Belt Clamp	
207	1001266273	1	Mount, Interlock Spring	
208	1001266274	1	Handle	
209	1001266275	1	Cover, Lock Plate Rear	
210	1001266434	1	Block, Drive Bearing	
222	PELM412	1	Knob, Handle	
229	PELM426	1	Panel, Front Pulley	
230	PELM427	1	Plate, Lower Tensioner	
231	PELM428	1	Belt	
232	PELM429	1	Pulley, Lower	
239	PELM441	1	Washer, Drive Belt	
240	PELM442	10	Bearing, Pulley	
243	PELM461	1	Mount, Top/Free Wheel Pulley	
244	PELM462	1	Gear, Drive	
246	PELM467	1	Pulley, Guide	
247	PELM469	1	Pulley, Top/Free Wheel	

SECTION 2 - ECOLIFT 40 SN P900018646 TO PRESENT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
248	PELM471	1	Plate, Lock	
249	PELM472	1	Pulley, Drive	
254	PELM480	1	Tip, Lock Pin	
257	PELM483	1	Spring, Handle	
258	PELM484	1	Spring, Belt	
261	PELM488	1	Plate, Lower Pulley Tensioner	
266	PELM496	2	Reel, Clamp	
269	PELM499	1	Pin, Lock	
270	PELM506	1	Bushing	
274	PTM149	1	Eye, Harness	

SECTION 2 - ECOLIFT 40 SN P900018646 TO PRESENT

FIGURE 2-5. PLATFORM INSTALLATION



ART_ECOLIFT40_PLATFORM_3

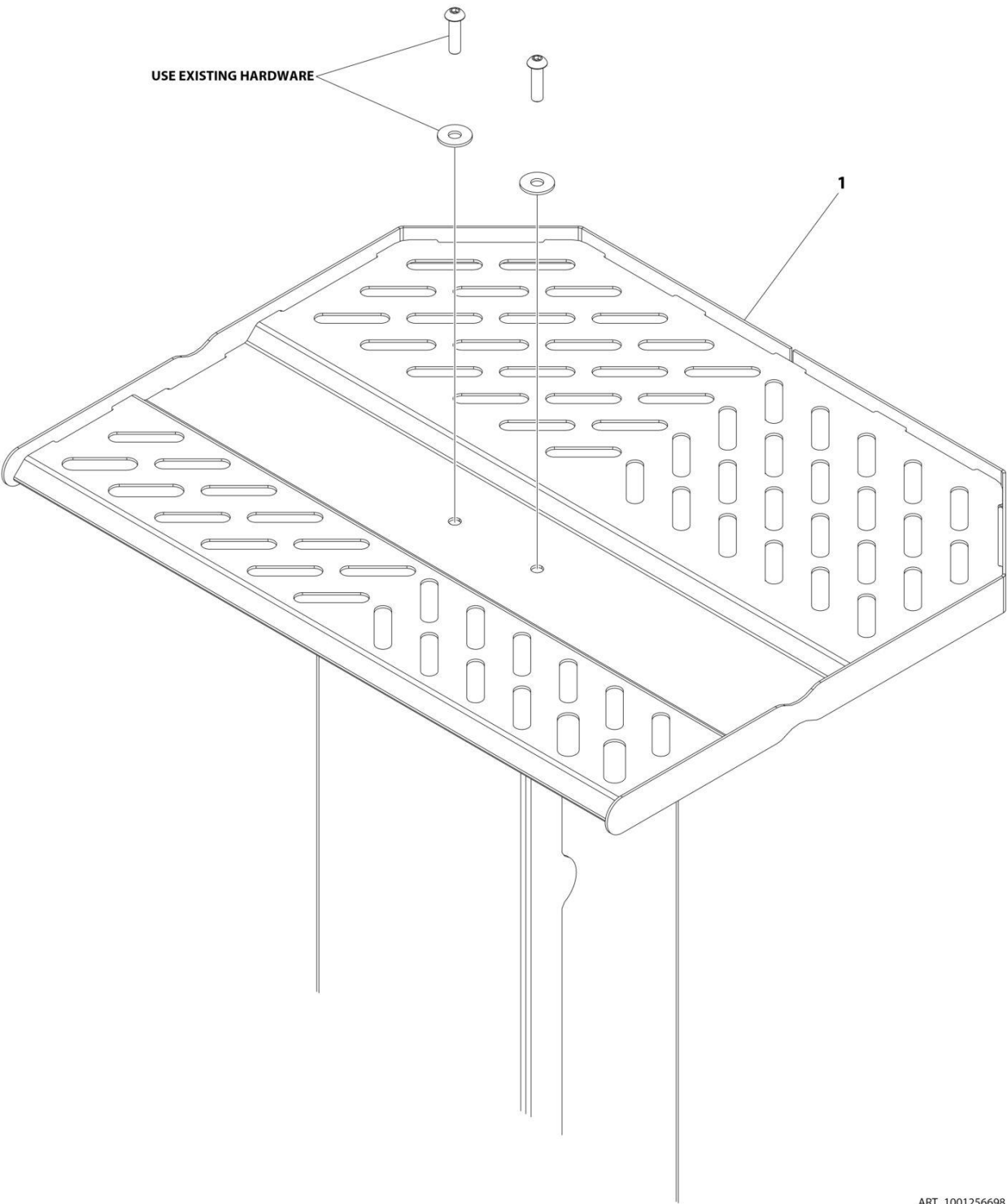
SECTION 2 - ECOLIFT 40 SN P900018646 TO PRESENT

FIGURE 2-5. PLATFORM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
102	1001264556	3	Bolt M6 x 35	
105	1001264707	3	Bolt M6 x 20	
106	1001265092	4	Cap, Spring	
107	1001265112	6	Washer M6	
108	1001265113	4	Washer M8	
110	1001265115	12	Washer M10	
119	1001265135	2	Nut M8	
130	1001265508	2	Bolt M10 x 30	
182	1001266216	2	Spring, Gate	
233	PELM430	4	Cover, Hinge	
290	1001288758	1	Handrail - Left	
291	1001288763	1	Handrail - Right	
292	1001289035	1	Tray, Platform	
293	1001288852	1	Gate - Left	
294	1001288853	1	Gate - Right	
295	1001289242	2	Adapter, Cage Mounting	
296	1001290778	4	Bolt M10 x 50	
299	1001290784	2	Pin, Long	
300	1001293031	2	Pin Lanyard, Short	
301	1001290785	2	Pin, Short	
302	1001293032	2	Pin Lanyard, Long	
304	1001266102	2	Trim, Foam	
306	1001301614	2	Stop Bar	
307	1001301615	2	Stop Bar	
308	1001301616	2	Stop Bar	
309	1001301617	2	Stop Bar	
310	1001301618	2	Stop Bar	
311	1001302219	2	Stop Bar	
312	1001302220	2	Stop Bar	
313	1001266536	2	Circlip	
314	1001301625	2	Bolt M8 x 70	

SECTION 2 - ECOLIFT 40 SN P900018646 TO PRESENT

FIGURE 2-6. STOCK PICKER TRAY INSTALLATION



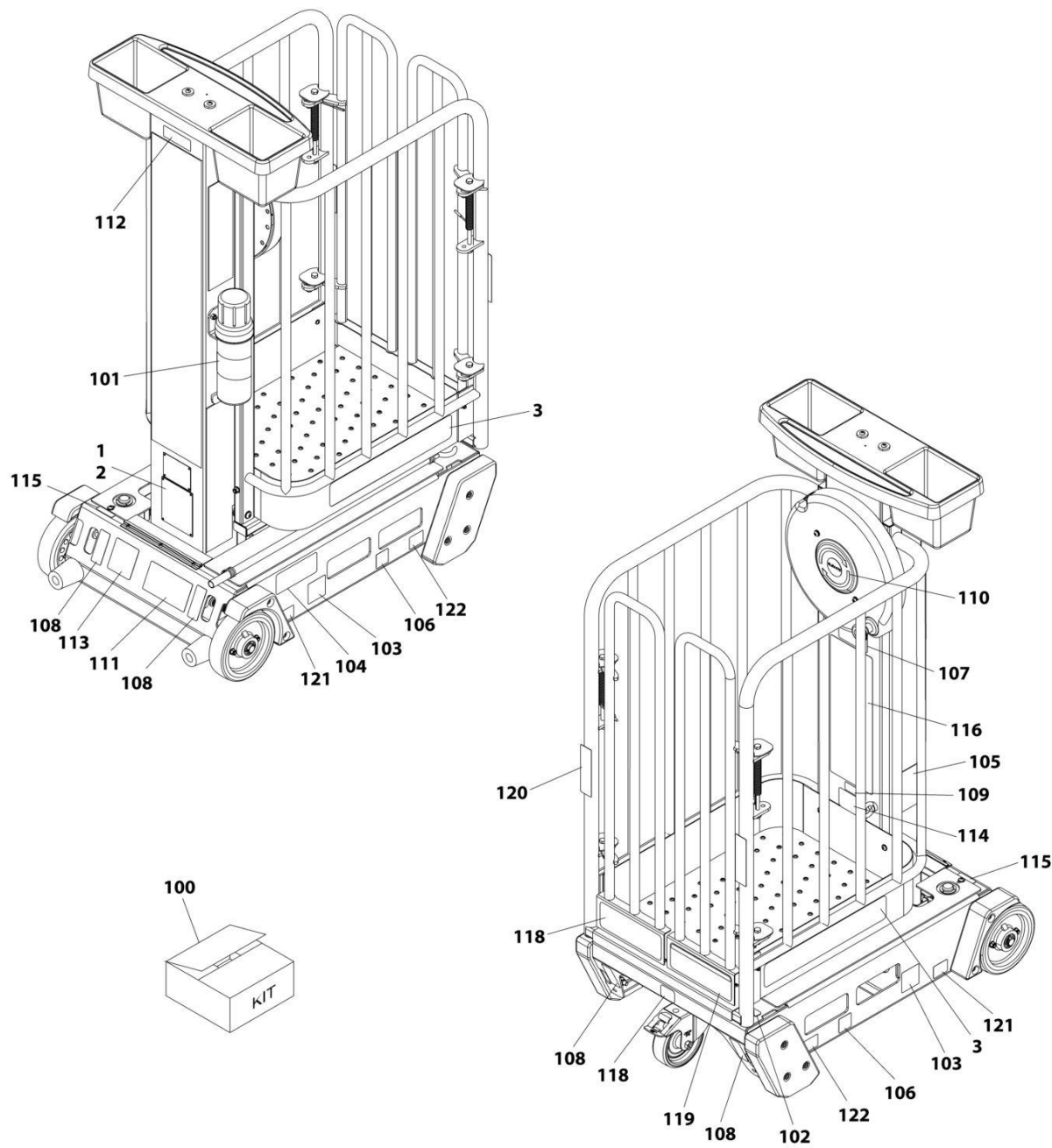
SECTION 2 - ECOLIFT 40 SN P900018646 TO PRESENT

FIGURE 2-6. STOCK PICKER TRAY INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001256698	Ref	TOOL TRAY INSTALLATION	A
	1001249314	1	Tool Tray	

SECTION 2 - ECOLIFT 40 SN P900018646 TO PRESENT

FIGURE 2-7. DECALS INSTALLATION



ART_1001293339

SECTION 2 - ECOLIFT 40 SN P900018646 TO PRESENT

FIGURE 2-7. DECALS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
B	1001293339	Ref	DECAL INSTALLATION - ECO 40	
1	3820001	4	Rivet (Prior to SN P900014274)	
2	See Note	NSS	Nameplate - Manufacturers Serial Number (Note: Not Available for Purchase) (Prior to SN P900014274)	
3	1001281280	2	Decal - Model Ecolift 40 by JLG	
100	1001293340	1	Decal - Kit	
101	1701509	1	Decal - Manual	
102	1703786	1	Decal - Crushing Hazard	
103	1703817	2	Decal - Fork Lift	
104	1706832	1	Decal - Danger Electrocution	
105	1001131270	1	Decal - Patent	
106	1001212290	2	Decal - Tie Down	
107	1001213279	1	Decal - Capacity	
108	1001213442	4	Decal - Lifting and Tie Down	
109	1001213582	1	Decal - Fall Restraint	
110	1001213997	1	Decal - Elevate Crank	
111	1001214125	1	Decal - Manual Descending	
112	1001215043	1	Decal - Warning Pressure	
113	1001223055	1	Decal - Yearly Inspection	
114	1001231801	1	Decal - Prop 65 Warning	
115	1001245238	1	Decal - Level Indicator	
116	1001251158	1	Decal - Warning	
117	1001289252	2	Decal - Locking Castor	
118	1001293693	1	Decal - Electrical Hazard	
119	1001293694	1	Decal - Warning/Crushing/Tipping	
120	1001297095	2	Decal - Gate Removal	
121	1001298587	2	Decal - Wheel Load	
122	1001298588	2	Decal - Pad Load	

SECTION 2 - ECOLIFT 40 SN P900018646 TO PRESENT

FIGURE 2-8. RECOMMENDED SERVICE PARTS STOCK

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	Note: The following list will service one machine (built to current production per date on the front cover) with emergency repair parts which can be installed in the field. Parts from the list should be replaced when inventory is depleted to keep service parts stock supplied. For further information, contact your JLG dealer or the JLG Industries Parts Department.	
	PELM407	1	Emergency Lowering Tool (All Specs Except Australian Specs)	

SECTION 2 - ECOLIFT 40 SN P900018646 TO PRESENT

FIGURE 2-9. SPECIAL OPTIONS/ACCESSORIES/KITS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	Note: This list is to accommodate machines ordered with special equipment. Options may not be applicable to all models. For more specific parts information contact JLG Parts Department.	
		Ref	MISCELLANEOUS SPECIAL OPTIONS/ACCESSORIES/KITS	
	PELM500	1	Cylinder Pressurizing Kit (Includes Hose, Gauges, fittings & Flow Valve)	
	1001256697	Ref	Service Kits & Tools	F
	1001302747	Ref	Static Strap Kit	

SECTION 2 - ECOLIFT 40 SN P900018646 TO PRESENT

PART NUMBER INDEX

SECTION 2 - ECOLIFT 40 SN P900018646 TO PRESENT

100113127027, 49	1001265508 13, 19, 35, 41, 45	100126625915, 37	ECLM60316, 38
100121229027, 49	100126574615, 37	100126626019, 41	PELM40223
100121320827	100126595911, 33	100126626119, 41	PELM40311, 33
100121327927, 49	100126596123	100126626219, 41	PELM40515, 37
100121343927	100126596223	100126626419, 41	PELM40613, 35
100121344027	100126609911, 33	100126626519, 41	PELM407 ... 13, 28, 35, 50
100121344227, 49	100126610015, 37	100126626711	PELM40913, 35
100121354527	100126610115, 37	100126626811, 33	PELM41023
100121358227, 49	100126610223, 45	100126626911, 33	PELM41123
100121399727, 49	100126610513, 35	100126627011, 33	PELM41219, 41
100121412527, 49	1001266107 15, 19, 37, 41	100126627115, 37	PELM41413, 35
100121504327, 49	1001266108 13, 19, 35, 41	100126627319, 41	PELM41513, 35
100122305527, 49	100126610915, 37	100126627419, 41	PELM41615, 37
100123180127, 49	100126611015, 37	100126627519, 41	PELM42015, 37
100124523827, 49	100126611213, 35	100126643419, 41	PELM42115, 37
100124931425, 47	100126611313, 35	100126653645	PELM42619, 41
100125115827, 49	100126611415, 37	100127725516, 38	PELM42719, 41
100125669730, 52	100126611515	100127725613, 35	PELM42819, 41
100125669825, 47	100126611719, 41	100127725813, 35	PELM42919, 41
100126455613, 35, 45	100126611923	100127725913, 35	PELM43023, 45
100126455713, 19, 35, 41	100126612023	100127726013, 35	PELM43411, 33
100126455815, 19, 37, 41	100126612115, 37	100127726113, 35	PELM43813, 35
100126455919, 41	100126612213, 35	100128127811, 33	PELM440215, 37
100126470719, 41, 45	100126612319, 41	100128127927	PELM44119, 41
100126509223, 45	100126612419, 41	100128128027, 49	PELM44219, 41
100126511213, 19, 35, 41, 45	1001266125 11, 13, 33, 35	100128130611, 33	PELM45415
100126511311, 13, 15, 19, 23, 33, 35, 37, 41, 45	100126612619, 41	100128158027	PELM45913, 35
100126511415, 23, 37	100126612715, 37	100128875845	PELM46119, 41
100126511511, 13, 15, 19, 23, 33, 35, 41, 45	100126612815, 37	100128876345	PELM46219, 41
100126511611, 13, 19, 33, 35, 41	100126612923	100128885245	PELM46315, 37
100126512023	100126613019, 41	100128885345	PELM46719, 41
100126512115, 19, 37, 41	100126613113, 35	100128903545	PELM46919, 41
100126512413, 35	100126613219, 41	100128924245	PELM47120, 42
100126512713, 35	100126613311, 33	100128925249	PELM47220, 42
100126513115, 37	100126613411, 33	100129077845	PELM47515, 37
100126513313, 35	100126613511, 33	100129078445	PELM47815, 37
100126513413, 15, 35, 37	100126613611, 33	100129078545	PELM47915, 37
100126513511, 13, 15, 19, 23, 33, 35, 37, 41, 45	100126613715, 37	100129121238	PELM48020, 42
100126513611, 13, 19, 23, 33, 35, 41	100126613819, 41	100129303145	PELM48115, 37
100126513811, 15, 19, 33, 37, 41	100126613915, 37	100129303245	PELM48215, 37
100126513913, 35	100126614011, 33	100129333949	PELM48320, 42
100126514423	100126614113, 35	100129334049	PELM48420, 42
100126514915, 37	100126614211, 33	100129369349	PELM48515, 37
100126546113, 35	100126614415, 37	100129369449	PELM48613, 35
100126546211, 13, 15, 19, 33, 35, 37, 41	100126614515, 37	100129709549	PELM48820, 42
100126549615, 19, 37, 41	100126614619, 41	100129858749	PELM48915
100126550615, 37	100126621019, 41	100129858849	PELM49023
100126550715, 37	100126621115, 37	100129876533	PELM49416, 37
	100126621623, 45	100130161445	PELM49516, 37
	100126621919, 41	100130161545	PELM496 ... 11, 20, 33, 42
	100126624315, 37	100130161645	PELM49716, 37
	100126624413, 35	100130161745	PELM49816, 37
	100126624519, 41	100130161845	PELM49920, 42
	100126624713, 35	100130162545	PELM50030, 52
	100126625315, 37	100130221945	PELM50620, 42
	100126625415, 37	100130222045	PELM58713, 35
	100126625515, 37	100130274730, 52	PELM80023
	100126625719, 41	170150927, 49	PTM10613, 35
	100126625819, 41	170378127	PTM14920, 42
		170378627, 49	PTNSPM56023
		170381727, 49	PTNSPM56216, 38
		170683227, 49	PTNSPM66416, 38
		382000127, 49	



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