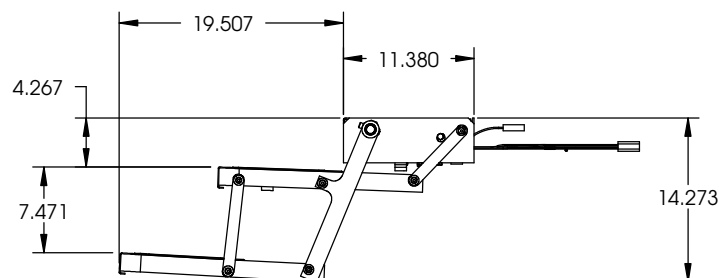


30" DOUBLE RETRACTABLE STEP ASSEMBLY

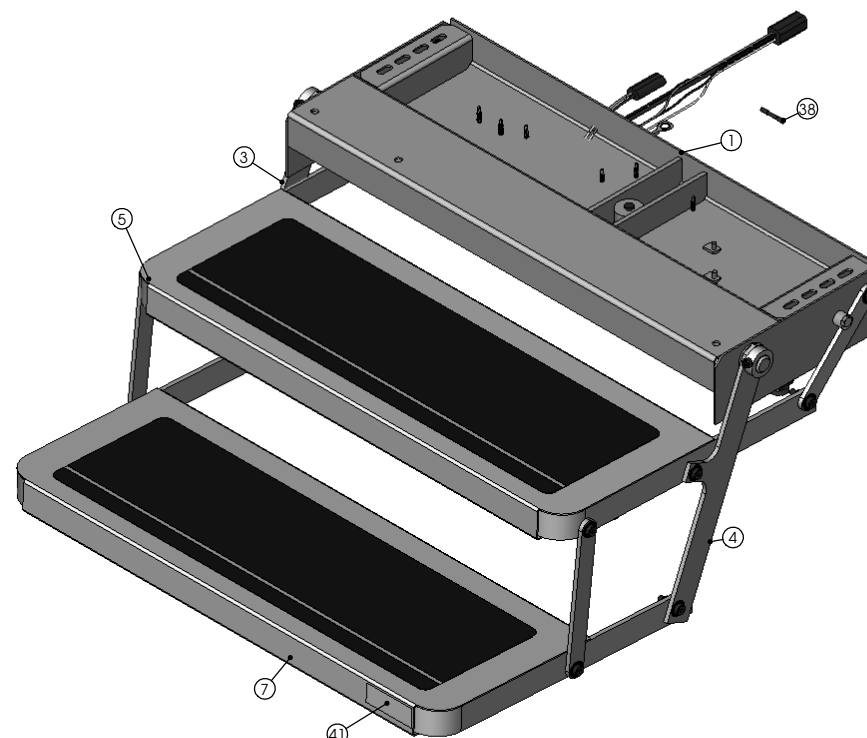
NOTES:

1. 179307- BOX 29 - 30 RETRACTABLE STEP



DIMENSIONS REFERENCE

ITEM	PART NO.	CONFIG	DESCRIPTION	NAME	GA	QTY.
1	168388	Default	30" SINGLE/ DOUBLE STEP BASE	SUB ASSY		1
2	168389	Default	30" COACH STEP DRIVE SHAFT	SUB ASSY		1
3	163502	Default	RH DOUBLE STEP DRIVE ARM	SUB ASSY		1
4	163500	Default	LH DOUBLE STEP DRIVE ARM	SUB ASSY		1
5	168387	Default	30" DOUBLE; TOP STEP	SUB ASSY		1
6	163164	Default	GEAR PLATE ASSEMBLY PC BLACK	SUB ASSY		1
7	168386	Default	30" DOUBLE; BOTTOM STEP	SUB ASSY		1
8	116532	Default	COPPER BUSHING; O.D. 1.252, I.D. .938 W/RIB	BUSHING		3
9	163495	Default	7.000 X 1.000	PLT	1/4	2
10	128952	Default	BOLT - 0.313 - 18 X 1.250 W/0.375 HEX HEAD SHOULDER	FASTENER		12
11	128959	Default	.750 X .600	ROD		2
12	142996	Default	BOLT - 5/16 - 18 X 1; HEX TAP BOLT GR5 ZINC	FASTENER		2
13	128970	Default	SCREW - 5/16 - 18 X 1.563 SOCKET HEAD CAP SCREW W/1.238 SHOULDER	FASTENER		2
14	128969	Default	SHOULDER BOLT - 5/8 X 2.5 - 1/2 - 13, BLKXOD SCH ST	FASTENER		1
15	162398	Default	6.950 X 3.800	PLT	16	1
16	128958	Default	.250 I.D. X .500 O.D. X .390	ROD		6
17	128955	Default	.375-24 X 2.25; THREADED ROD	ROD		1
18	179881	Default	NUT - 3/8 -24 OVAL CONE FLANGE LOCK ZN	FASTENER		2
19	128947	Default	1.400X1.800	Plate	16	1
20	118152	Default	BOLT - 1/4 - 20 X 3/4 TAP GR5 ZN FHHD ST	FASTENER		1
21	117889	Default	NUT - 1/4 - 20; FLANGE LOCK, ZN	FASTENER		1
22	118132	Default	WASHER - 1/4; USS FLAT WASHER ZINC	FASTENER		3
23	163492	Default	.700 X 1.000 BUMPER	RUBBER BUMPER		4
24	162364	Default	9.000 X 1.000	PLT	1/4	2
25	116531	Default	BRONZE BUSHING; O.D. .501, I.D. .377	BUSHING		12
26	163669	Default	MOTORIZED COACH STEP MOTOR	ELECTRIC MOTOR		1
27	164889	Default	STEP MODULE	ELECTRICAL		1
28	165048	Default	MOTORIZED STEP LIGHT	ELECTRICAL		1
29	165216	Default	WASHER - 6MM (LOCK) ZINC	FASTENER		3
30	165298	Default	3/8" P-CLAMP	MISC		2
31	165220	Default	BALL JOINT ASSEMBLY	MISC ASSY		2
32	181351	Default	SCREW - # 12 X 1.000 HEX HEAD WASHER TEK SCREW w/ 8/5 WASHER, ZINC PLATED			8
33	181440	Default	NUT 5/16 -18 OVAL CONE GRADE 5; BLACK			12
34	165215	Default	NUT - 3/8 - 24; NUT JAM THREADED	FASTENER		2
35	165218	Default	WASHER; .875 O.D. X .410 I.D. X .015 (BLACK ZINC)	FASTENER		28
36	183925	Default	BOLT - 6MM - 10 X 63.5MM HEX CAP SCREW GR5 ZINC	FASTENER		3
37	198352	Default	NUT - 5/16 - 18; NYLON INSERT LOCK NUT SUPER BLACK	FASTENER		2
38	157474	Default	CONNECTOR; BUTT SPLICE 22-18 AWG	CONNECTOR		1
39	217252	Default	WASHER - 5/8" X 1.78 X .160; FLAT, BLACK ZINC			1
40	165222	Default	ANTI-SKID TAPE; 26.000 X 8.000	MISC		2
41	343699	Default	COACH STEP 2013 DECAL	PURCH		1

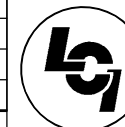


REVISIONS				
REV.	DATE	INIT.	DESCRIPTION	
P	11/16/2010	EGR	DELETED TWELVE 165218 FROM BOM	
R	4/28/2011	EGR	UPDATED PRINT FOR CHANGES TO 165222	
T	11/6/2012	AW	ADDED NOTE # 1	
U	8/15/2014	DR	REPLACED # 177063 WITH # 343699	
DRAWN BY:		NAME	DATE	DRAWING NOTES:
APPROVED BY:		JSC	07/18/07	DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: +/- 1/32" XX: +/- 0.03 XXX: +/- 0.010 ANGLE: +/- 1 DEGREE
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF LIPPERT COMPONENTS, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF LIPPERT COMPONENTS, INC. IS PROHIBITED.				

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LIPPERT COMPONENTS, INC.

A Lippert Components Subsidiary


 2703 College Ave.
 Goshen, IN 46528
 (574) 535-1125 Phone
 (574) 975-2883 Fax

DWG. NO. 165044

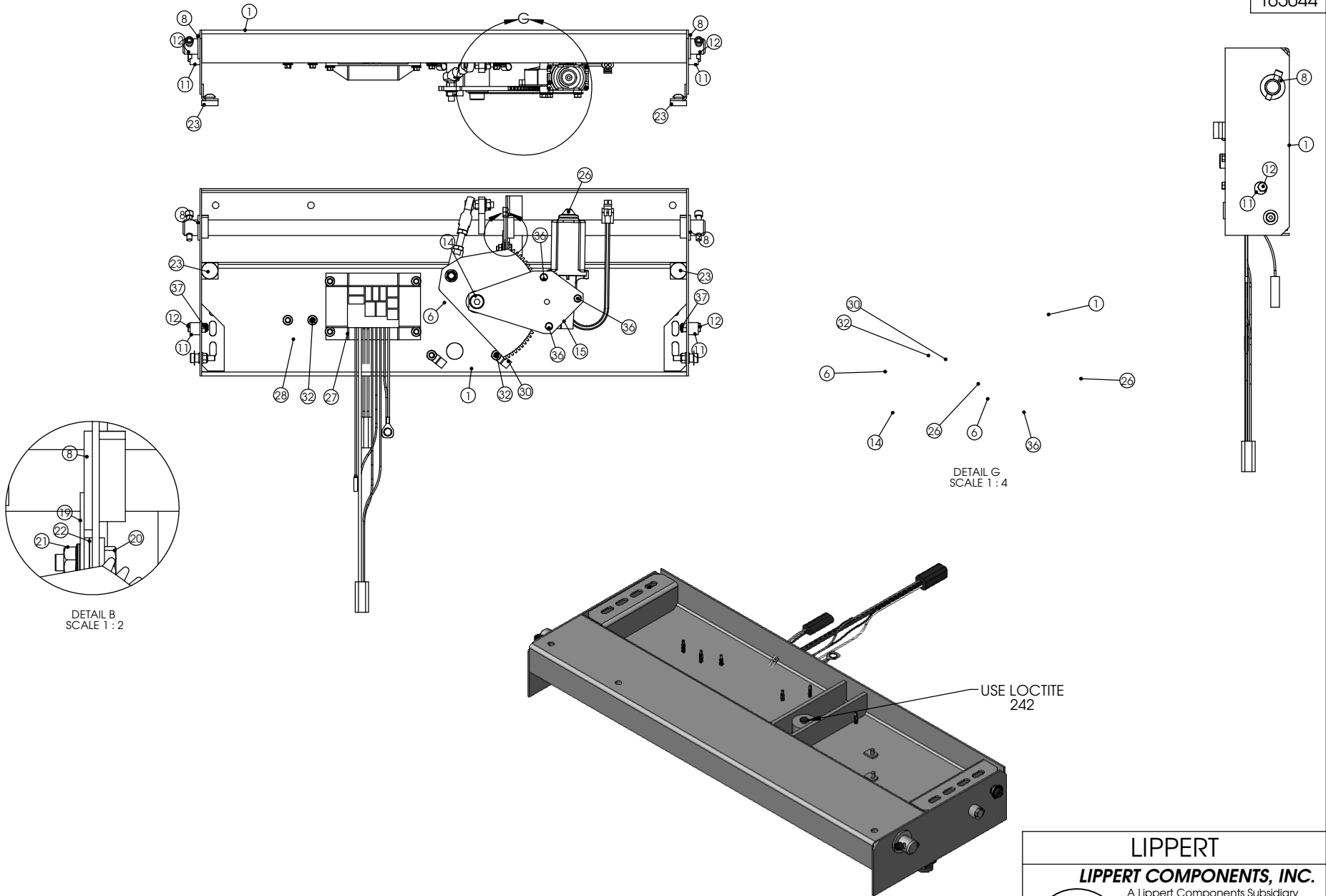
REV. U

SCALE: 1:9

PAGE: 1 OF 4

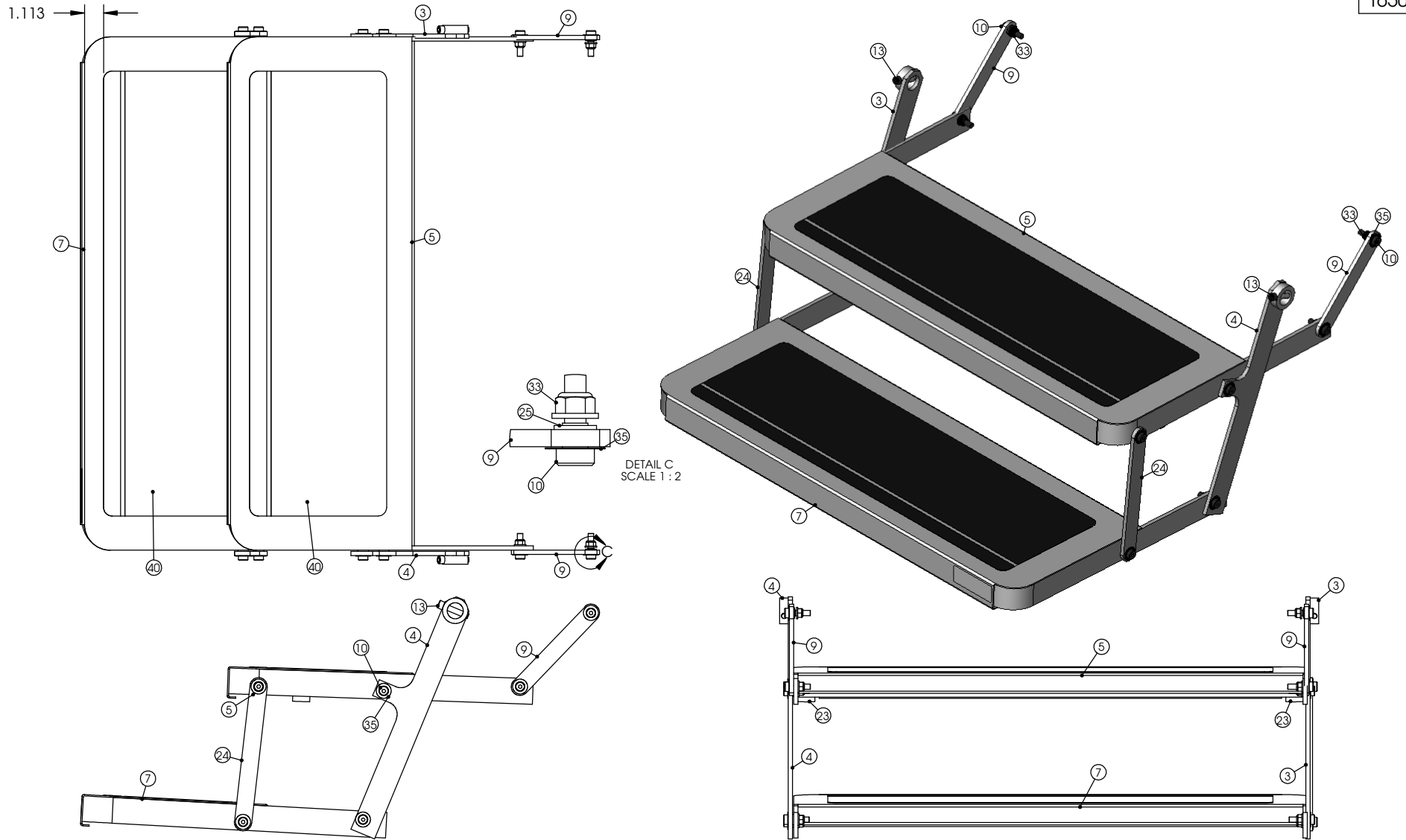
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8/18/2014 11:18:10 AM - - Published - 8/18/2014 11:18:09 AM



DRAWN BY:	NAME JSC	DATE 07/18/07	DRAWING NOTES: DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: +/- 1/32" .XX : +/- 0.03 .XXX: +/- 0.010 ANGLE: +/- 1 DEGREE	PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF LIPPERT COMPONENTS, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF LIPPERT COMPONENTS, INC. IS PROHIBITED.
APPROVED BY:				

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DWG. NO.	165044	
SCALE: 1:8		PAGE: 2 OF 4



DRAWN BY:	NAME	DATE
	JSC	07/18/07
APPROVED BY:		

DRAWING NOTES:
DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL: $\pm 1/32"$
XX: ± 0.03
XXX: ± 0.010
ANGLE: ± 1 DEGREE

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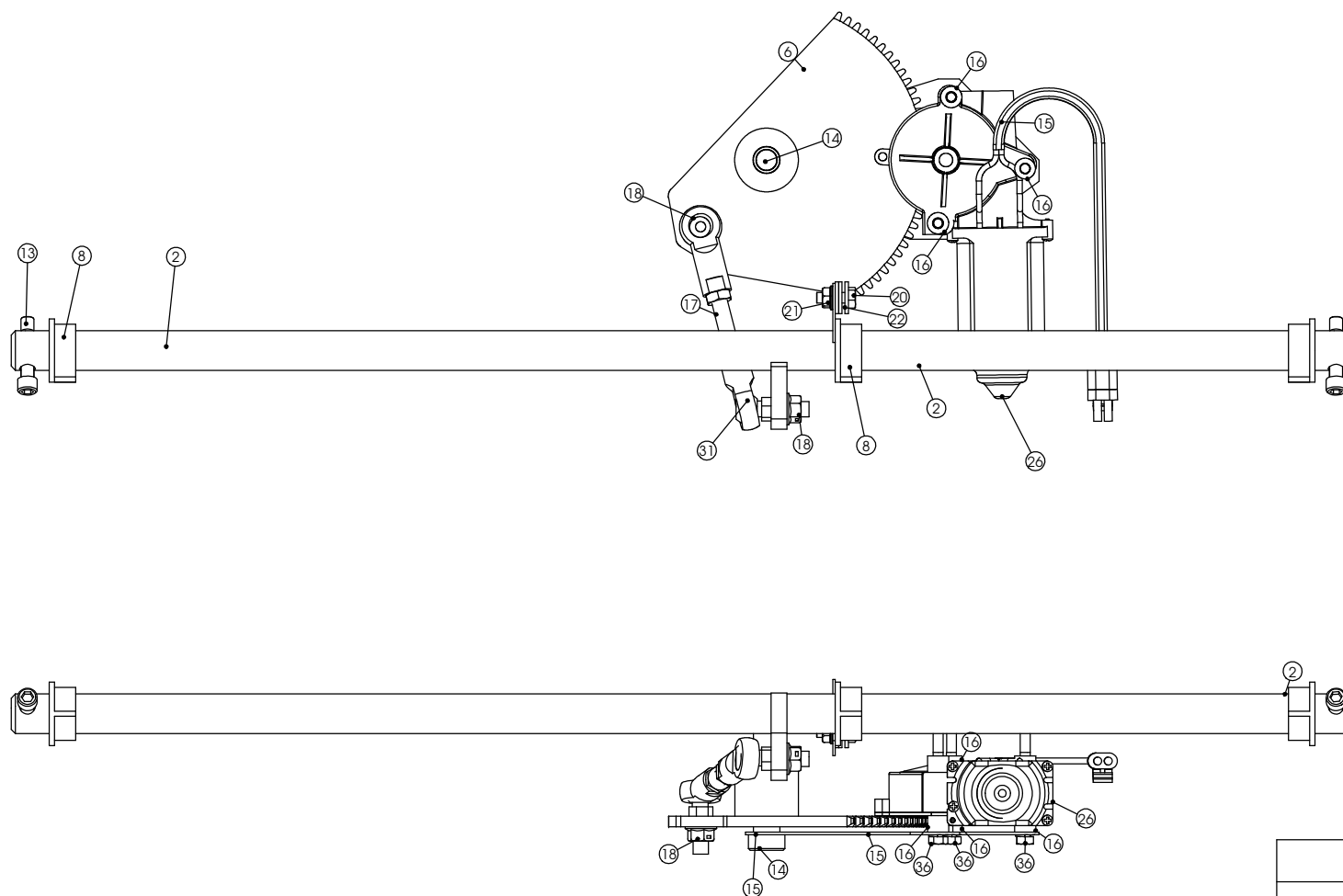
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Goshen, IN 46528
(574) 535-1125 Phone
(574) 975-2883 Fax

DWG. NO. 165044

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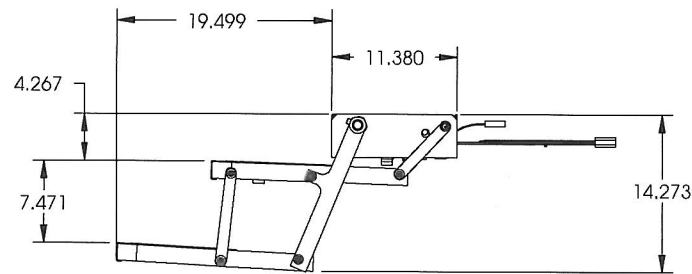
PAGE: 3 OF 4



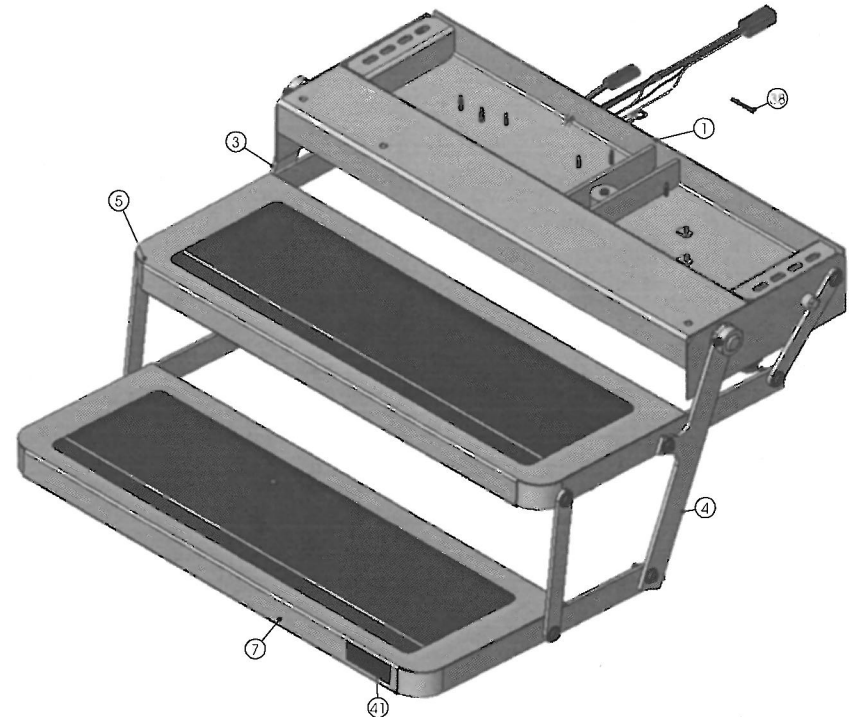
DRAWN BY:	NAME JSC	DATE 07/18/07	DRAWING NOTES: DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: $\pm 1/32"$ XX: ± 0.03 XXX: ± 0.010 ANGLE: ± 1 DEGREE	PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF LIPPERT COMPONENTS, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF LIPPERT COMPONENTS, INC. IS PROHIBITED.
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165044	U
SCALE: 1:4	PAGE: 4 OF 4

30" DOUBLE RETRACTABLE STEP ASSEMBLY



DIMENSIONS REFERENCE



ITEM	PART NO.	CONFIG	DESCRIPTION	NAME	GA.	QTY.
1	168388	Default	30" SINGLE/ DOUBLE STEP BASE	SUB ASSY		1
2	168389	Default	30" COACH STEP DRIVE SHAFT	SUB ASSY		1
3	163502	Default	RH DOUBLE STEP DRIVE ARM	SUB ASSY		1
4	163500	Default	LH DOUBLE STEP DRIVE ARM	SUB ASSY		1
5	168357	Default	30" DOUBLE TOP STEP	SUB ASSY		1
6	163164	Default	GEAR PLATE ASSEMBLY	SUB ASSY		1
7	168386	Default	30" DOUBLE BOTTOM STEP	SUB ASSY		1
8	116532	Default	COPPER BUSHING; O.D. 1.252 I.D. .938 WIDTH	BUSHING		3
9	163495	Default	7.000 X 1.000	PLT	1/4	2
10	128952	Default	BOLT - 0.313 - 18 X 1.250 W/0.375 HEX HEAD SHOULDER	FASTENER		12
11	128959	Default	.750 X .600	ROD		2
12	142998	Default	BOLT - 5/16 - 18 X 1; HEX TAP BOLT GR5 ZINC	FASTENER		2
13	128970	Default	5/16 - 18 X 1.563 SOCKET HEAD CAP SCREW W/1.218 SHOULDER	FASTENER		2
14	128969	Default	5/8 - 14 X 3 1/4 SOCKET HEAD CAP SCREW W/2.500 SHOULDER	FASTENER		1
15	163398	Default	6.950 X 3.800	PLT	1/6	1
16	128955	Default	.250 I.D. X .500 C.D. X .390	ROD		6
17	128955	Default	.375-24 X 2.25; THREADED ROD	ROD		1
18	177681	Default	NUT - 3/8 - 24 CONE FLANGE LOCK ZN	FASTENER		2
19	128947	Default	1.400 X 1.800	Plate	1/6	1
20	117152	Default	BOLT - 1/4 - 20 X 3/4; TAP BOLT GR5 ZINC	FASTENER		1
21	117889	Default	NUT - 1/4 - 20; FLANGE LOCK, ZN	FASTENER		1
22	117132	Default	WASHER - 1/4; U53 FLAT WASHER ZINC	FASTENER		3
23	163492	Default	.700 X 1.000 BUMPER	RUBBER BUMPER		4
24	162564	Default	9.000 X 1.000	PLT	1/4	2
25	116531	Default	BRONZE BUSHING; O.D. .501 I.D. .377	BUSHING		12
26	163669	Default	MOTORIZED COACH STEP MOTOR	ELECTRIC MOTOR		1
27	164869	Default	STEP MODULE	ELECTRICAL		1
28	166048	Default	MOTORIZED STEP LIGHT	ELECTRICAL		1
29	155216	Default	WASHER - 6/16 (LOCK) ZINC	FASTENER		3
30	165256	Default	3/8" P-CLAMP	MISC		2
31	165220	Default	BALL JOINT ASSEMBLY	MISC ASSY		2
32	181351	Default	#12 X 1.000 HEX HEAD WASHER TKS SCREW W/ B/S WASHER ZINC PLATED			8
33	181430	Default	NUT 5/16 - 18 OVAL CONE GRADE 5 BLACK			12
34	165215	Default	NUT - 3/8 - 24; NUT - 1/4 - 20	FASTENER		2
35	165218	Default	WASHER - 5/8" X 1.78 X .160; FLAT BLACK ZINC	FASTENER		28
36	183925	Default	BOLT - 6/16 - 10 X 6.3 FLMM HEX CAP SCREW GR5 ZINC	FASTENER		3
37	198352	Default	NUT - 5/16 - 18 NYLON INSERT LOCK NUT SUPER BLACK	FASTENER		2
38	167474	Default	CONNECTOR; BUTT SPLICE 22-18 AWG	CONNECTOR		1
39	211258	Default	WASHER - 5/8" X 1.78 X .160; FLAT BLACK ZINC			1
40	167222	Default	ANTI-SKID TAPE; 26.000 X 8.000	MISC		2
41	177063	Default	LABEL COACH STEP 1.125 X 3.125	LABEL COACH STEP 1.125 X 3.125		1

REV.	DATE	INIT.	DESCRIPTION
A	7/19/2007	C/S	APPROVED & RELEASED
B	10/31/2007	C/S	UPDATED PRINT WITH REVISED PARTS
C	2/20/2008	DC	ADDED 157480 & REPLACED 1178230 WITH 176598
D	4/1/2008	RAW	REPLACED 119072 W/ 179881, REPLACED 128953 & 128954 W/ 165220
E	4/23/2008	NM	REPLACED 178598 WITH 181351
F	5/5/2008	NM	REPLACED 117891 WITH 181440, ADDED 165215, REMOVED 163877
G	6/13/2008	NM	REPLACED 119075 W/ 145218, ADDED 177063
H	6/30/2008	GS	REPLACED 165213 WITH 183925
J	2/2/2009	GR	CHANGED QTY OF 165218 FROM 12 TO 24
K	6/4/2009	EGR	REPLACED 157480 W/ 157474
L	7/7/2009	EGR	REPLACED 118130 W/ 217252
M	1/20/2010	CY/AS	ADD 165298 AND 181351
N	1/27/2010	CY/R	MOVE 165222 TREAD TAPE FROM SUB ASSY TO MAIN ASSEMBLY
P	11/16/2010	EGR	DELETED TWELVE 165218 FROM BOM
R	4/28/2011	EGR	UPDATED PRINT FOR CHANGES TO 165222

DRAWN BY:	NAME	DATE	DRAWING NOTES: DIMENSIONS ARE IN INCHES TOLERANCES: FUNCTIONAL: +/- 1/32" XX: +/- 0.01" XX: +/- 0.010" ANGLE: +/- 1 DEGREE	PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF LIPPERT COMPONENTS, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF LIPPERT COMPONENTS, INC. IS PROHIBITED.
APPROVED BY:	JSC	07/18/07		

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DWG. NO. 165044

REV. R

SCALE: 1:9

PAGE 1 OF 4

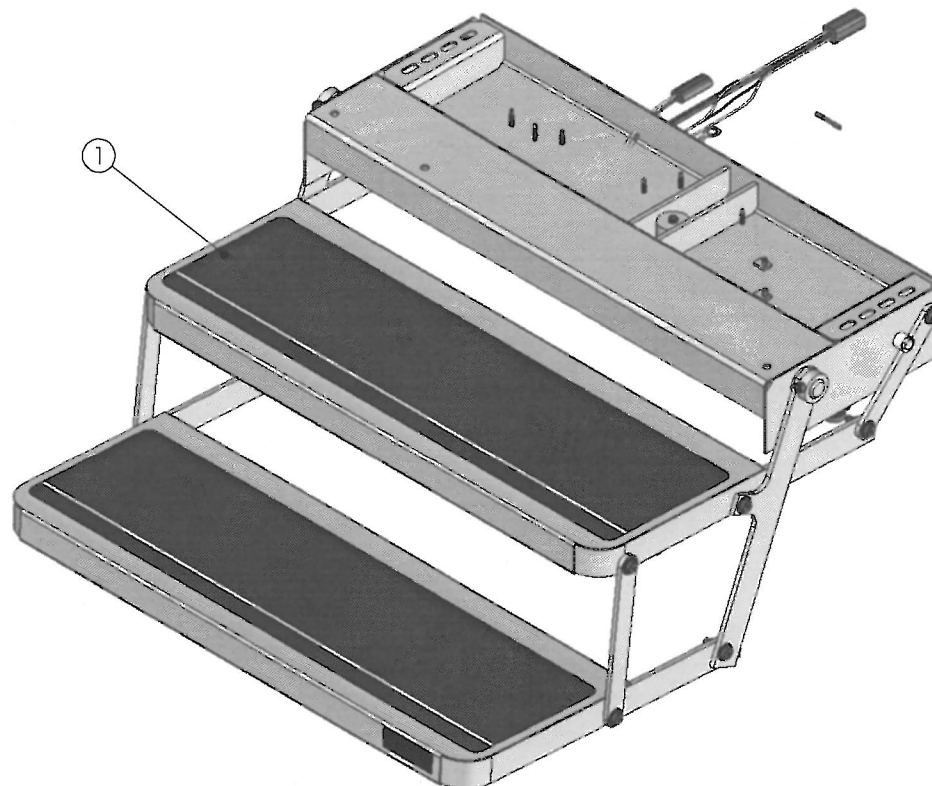
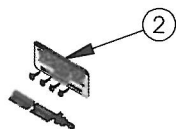
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5/5/2011 3:55:24 PM - - Published - 5/5/2011 3:55:22 PM

PREVIOUS BREAKDOWN

NOTES:

1. PUT SWITCH AND CONNECTOR IN THE SAME BOX WITH THE STEP



REVISION HISTORY

REV	DATE	DESCRIPTION	DWR	APVD
A	12/10/2009	APPROVED FOR PRODUCTION	JLC	SM
B	2/18/2010	REMOVE HARNESS 165045 FROM KIT AND DESCRIPTION	JLC	SM
C	11/16/2010	UPDATED 165044	MJC	EGR

ITEM	PART NO.	CONFIG	DESCRIPTION	NAME	GA	QTY.
1	165044	Default	30" DOUBLE RETRACTABLE STEP ASSEMBLY	STEP		1
2	165041	Default	DOOR SWITCH KIT; MOTORIZED STEPS			1
TITLE: KIT, DOUBLE RETRACTABLE STEP; 30" WIDE; SWITCH						
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES BREAK SHARP EDGES & DEBURR			TOLERANCES (EXCEPT AS NOTED)	LIPPETT COMPONENTS		
FILLETS R.015			DECIMAL .X ±.1 .XX ±.03 .XXX ±.005	 2703 COLLEGE AVE. GOFFEN, IN 46528		
THIRD ANGLE PROJECTION			FRACTIONAL ±1/16			
			ANGULAR ±1°			
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				234310	A	12/ 10/ 2009
				ENG. JLC	DWN. JLC	SCALE: 1:16
				REV. C		
				SHEET 1	OF 1	