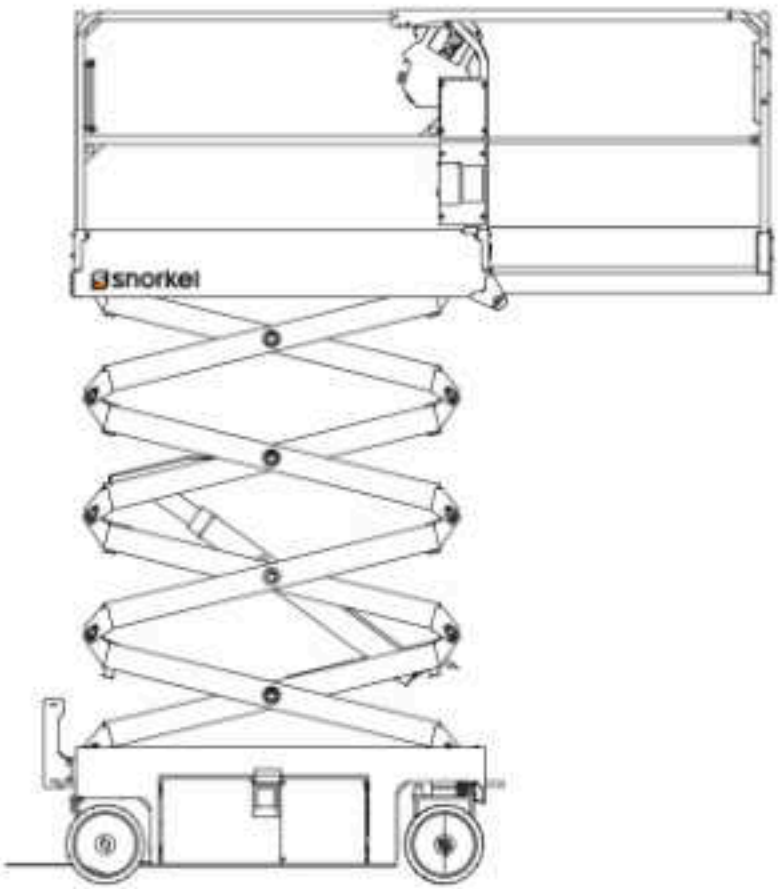
snorkel

S3220E



CE

REPAIR PARTS MANUAL

Part Number 1502789
August 2017

Serial number 000000 and after
Replaces 1501796 July 2016

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Item	Part No.	Name	Qty	Uom
-	1503109	HANDRAIL FOLDING FOOT LATCH CE AS ASSEMBLY		EA
1	1501559	WLDMT HNDRL MAIN RH S3226	1	EA
2	1501558	WLDMT HNDRL MAIN LH S3226	1	EA
3	1503108	WLDMT, FOLDING TOP HNDRL UCB S3220/3226, FOOT LATCH	1	EA
4	1503077	WLDMT, TOP RAIL	1	EA
5	1501545	WLDMT, HNDRL FRONT S3219 CE	1	EA
6	1501562	WLDMT HNDRL MAIN RH S3226	1	EA
7	1501323	TUBE HNDRL MID TELESCOP	2	EA
8	1501630	WLDMT, TOP SLIDER LH ORG	1	EA
9	302544	SNAP PIN W/LANYARD .375 X 2.25	2	EA
10	1501583	CLIP, HANDLE 1.00	2	EA
11	1503079	WLDMT, SLIDE HANDLE SHORT	2	EA
12	1501631	WLDMT, TOP SLIDER RH ORG	1	EA
13	1502443	WLDMT, WIRE CHASE	1	EA
14	1503200	DRIVE CONTROL PENDANT	1	EA
15	1501829	PLT, CABLE COVER BOTTOM	1	EA
16	5516360	HINGE, DRILLED SIDE DRIVE	1	EA
17	5516349	MAGNETIC LATCH	1	EA
18	1502442	PLT, SIDE DRIVE DOOR THIN	1	EA
19	1502976	ASSY, UCB CE/AU 2SPD	1	EA
20	1501397	PLT, CONT BOX MNT COVER	1	EA
21	562386	COMPARTMENT, LITERATURE 8.5X11	1	EA
22	1501842-4	DOUBLER PLATE, HANDRAIL	2	EA
23	1502834	SLIDE PAD, STICK ON	8	EA
24	1503072	DECAL, DRIVE CNTRL E-STOP ON, CE/AU	1	EA

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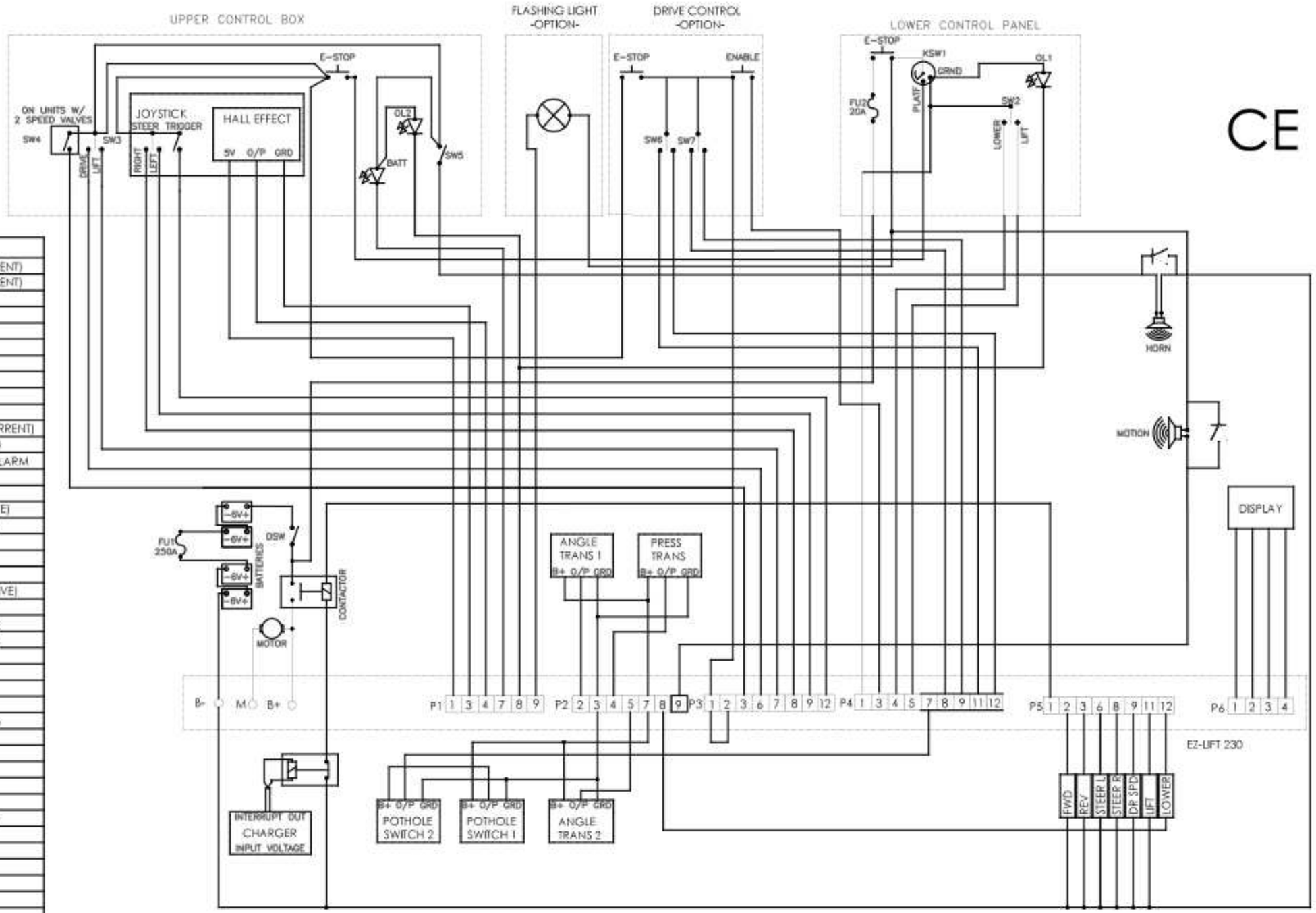
Item	Part No.	Name	Qty	Uom
-	1502072	DECAL ASSEMBLY CE S3220E		EA
1	0073043	DECAL OPERATING INFORMATION INSIDE	1	EA
2	0073224	DECAL MANUAL REORDER	1	EA
3	0074311	DECAL, DANGER CYLINDER FAILURE	2	EA
4	0162311	DECAL, CE LOGO 3.25 X 2.00	1	EA
5	300699	DECAL, OPERATORS CHECKLIST	1	EA
6	300760	DECAL, TIPOVER HAZARD	2	EA
7	0361259	DECAL, DNGR SAFETY PROP	2	EA
8	0361367	MANUAL RESPONSIBILITIES A92.20	1	EA
9	0361533	DECAL, EMERGENCY BLEED DOWN	1	EA
10	451726	DECAL, CHK BTRY BEFORE CHARGING	2	EA
11	451986	DECAL. DNGR DO NOT ALTER SW	1	EA
12	501453-000	DECAL, FOOT TRAP	2	EA
13	512224-000	DECAL, SNORKEL	3	EA
14	969249	DECAL, STRIPE YE/BLK 2"	32	A/R
15	1500840	DECAL, FORKLIFT	2	EA
16	1500834	MANUAL, OPERATORS S3219E ANSI	1	EA
17	1501475	DECAL, DNGR TIPOVER/ELEC HAZARD LH	1	EA
18	1501476	DECAL, DNGR TIPOVER/ELEC HAZARD RH	1	EA
19	1501676	DECAL, LANYARD ATTACHMENT	3	EA
20	1501763	DECAL, PLACE SAFETY PROP HERE	1	EA
21	1502069	DECAL, S3220E MODEL	2	EA

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Item	Part No.	Name	Qty	Uom
-	1502747	BUMP GUARD ASSEMBLY S3220E S3226E		EA
1	1502676	PLATFORM ASSEMBLY S3220E S3226E	1	EA
2	1502740	WLDMT, HNDRL RH BUMP GRD S3220/26	1	EA
3	1502738	WLDMT, HNDRL BUMP GRD S3220/26	1	EA
4	1502741	WLDMT, FRONT GATE BUMP GRD	1	EA
5	1501323	TUBE HNDRL MID TELESCOP	2	EA
6	5569973	WEAR PAD	2	EA
7	1501630	WLDMT, TOP SLIDER LH ORG	1	EA
8	1501583	CLIP, HANDLE 1.00	2	EA
9	1501715-4	WLDMT, SLIDE HANDLE SHORT	2	EA
10	5563451	PLUG, TUBING 1.00 X .095	4	EA
11	1501631	WLDMT, TOP SLIDER RH ORG	1	EA
12	1502443	WLDMT, WIRE CHASE	1	EA
13	5563446	1/4-20 PAN HEAD SCREW	12	EA
14	5516360	HINGE, DRILLED SIDE DRIVE	1	EA
15	5516349	MAGNETIC LATCH	1	EA
16	1502442	PLT, SIDE DRIVE DOOR THIN	1	EA
17	1501829	PLT, CABLE COVER BOTTOM	1	EA
18	1503113	ASSY, UCB ANSI 92.20/CSA 2SPD	1	EA
19	1502731	WIRING BUMP GUARD ASSEMBLY	1	EA
20	510542-000	SW PUSH BUTTON	1	EA
21	3040300	CONN .500 .188-.313	1	EA
22	1501397	PLT, CONT BOX MNT COVER	1	EA
23	5093018	CLP CUSH .250 VINYL COATED	2	EA
24	1502733	CABLE BUMP GUARD EXT	1	EA

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EZ230 CONNECTIONS	
P1-1	5V TO JOYSTICK (LOW CURRENT)
P1-3	0V TO JOYSTICK (LOW CURRENT)
P1-4	Joystick analog input
P1-7	LOW BATTERY LIGHT (0V)
P1-8	OVERLOAD LIGHT (0V)
P1-9	FLASHING LIGHT (0V)
P2-2	ANGLE SENSOR #1 INPUT
P2-3	0V (LOW CURRENT)
P2-4	PRESSURE SENSOR INPUT
P2-5	ANGLE SENSOR #2 INPUT
P2-7	SENSOR VOLTAGE (LOW CURRENT)
P2-8	STACK LOWER (0V = ACTIVE)
P2-9	OVERLOAD AND MOTION ALARM
P3-1	PLATFORM INPUT
P3-2	VALVE SUPPLY
P3-3	2-SPEED SWITCH (B+ = ACTIVE)
P3-6	DRIVE SWITCH (B+ = ACTIVE)
P3-7	LIFT SWITCH (B+ = ACTIVE)
P3-8	STEER RIGHT (B+ = ACTIVE)
P3-9	STEER LEFT (B+ = ACTIVE)
P3-12	JOYSTICK ENABLE (B+ = ACTIVE)
P4-1	GROUND CONTROL INPUT
P4-3	LOADING CONTROL ENABLE
P4-4	GROUND CONTROL LOWER
P4-5	GROUND CONTROL LIFT
P4-7	POTHOLE SENSOR INPUT
P4-8	LOADING - STEER LEFT
P4-9	LOADING - STEER RIGHT
P4-11	LOADING - DRIVE FORWARD
P4-12	LOADING - DRIVE REVERSE
P5-1	CONTACTOR OUTPUT
P5-2	FORWARD VALVE OUTPUT
P5-3	REVERSE VALVE OUTPUT
P5-6	STEER LEFT VALVE OUTPUT
P5-8	STEER RIGHT VALVE OUTPUT
P5-9	2 SPEED VALVE OUTPUT
P5-11	LIFT VALVE OUPUT
P5-12	LOWER VALVE OUTPUT
P6-1	DISPLAY SUPPLY
P6-2	DISPLAY RECEIVE
P6-3	DISPLAY TRANSMIT
P6-4	DISPLAY 0V RETURN



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