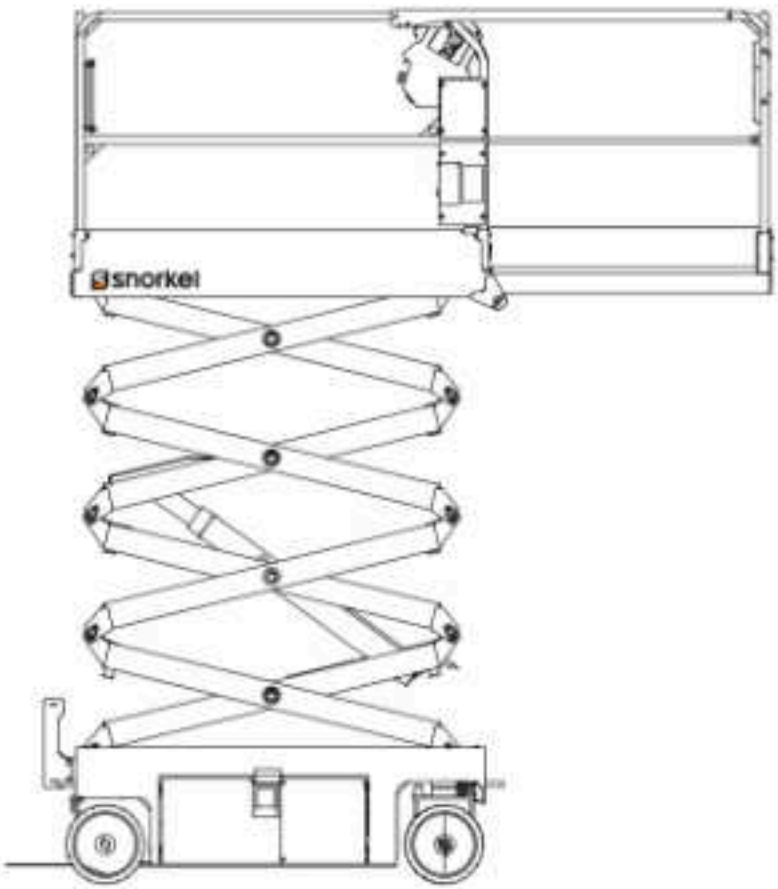
snorkel

S3219E



CE

REPAIR PARTS MANUAL

Part Number 1502788-2015
January 2015

Serial number 000000 and after

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Item	Part No.	Name	Qty	Uom
-	1501628	PLATFORM ADD ON ASSEMBLY CE		EA
1	1501344	PLATFORM ASSEMBLY CHINA S3215E S3219E	1	EA
2	1501323	TUBE HNDRL MID TELESCOP	2	EA
3	1501481	WLDMT HNDRL BOTTOM S3219 CE	1	EA
4	1501483	WLDMT, HNDRL BOTTOM S3219 CE RH	1	EA
5	1501484	WLDMT, HNDRL TOP S3219 CE LH	1	EA
6	1502063	WLDMT, HNDRL TOP S3219 CE RH	1	EA
7	1501631	WLDMT, TOP SLIDER RH ORG	1	EA
8	1501630	WLDMT, TOP SLIDER LH ORG	1	EA
9	5569973	WEAR PAD	8	EA
10	1501553	WELDMENT, GATE MOUNT S3219 CE RH	1	EA
11	1501491	WELDMENT, GATE MOUNT S3219 CE LH	1	EA
12	1501545	WLDMT, HNDRL FRONT S3219 CE	1	EA
13	1501562	WLDMT HNDRL MAIN RH S3226	1	EA
14	1501397	PLT, CONT BOX MNT COVER	1	EA
15	1501175	COVER, CABLE GUARD S3219	1	EA
16	1501715-4	WLDMT, SLIDE HANDLE SHORT	2	EA
17	5563451	PLUG, TUBING 1.00 X .095	4	EA
18	562386	COMPARTMENT, LITERATURE 8.5X11	1	EA
19	302544	SNAP PIN W/LANYARD .375 X 2.25	4	EA
20	1501157	UPPER CONTROL BOX ASSEMBLY ANSI ONE SPEED S3215E S3215L S3219E	1	EA
21	1501583	CLIP, HANDLE 1.00	2	EA

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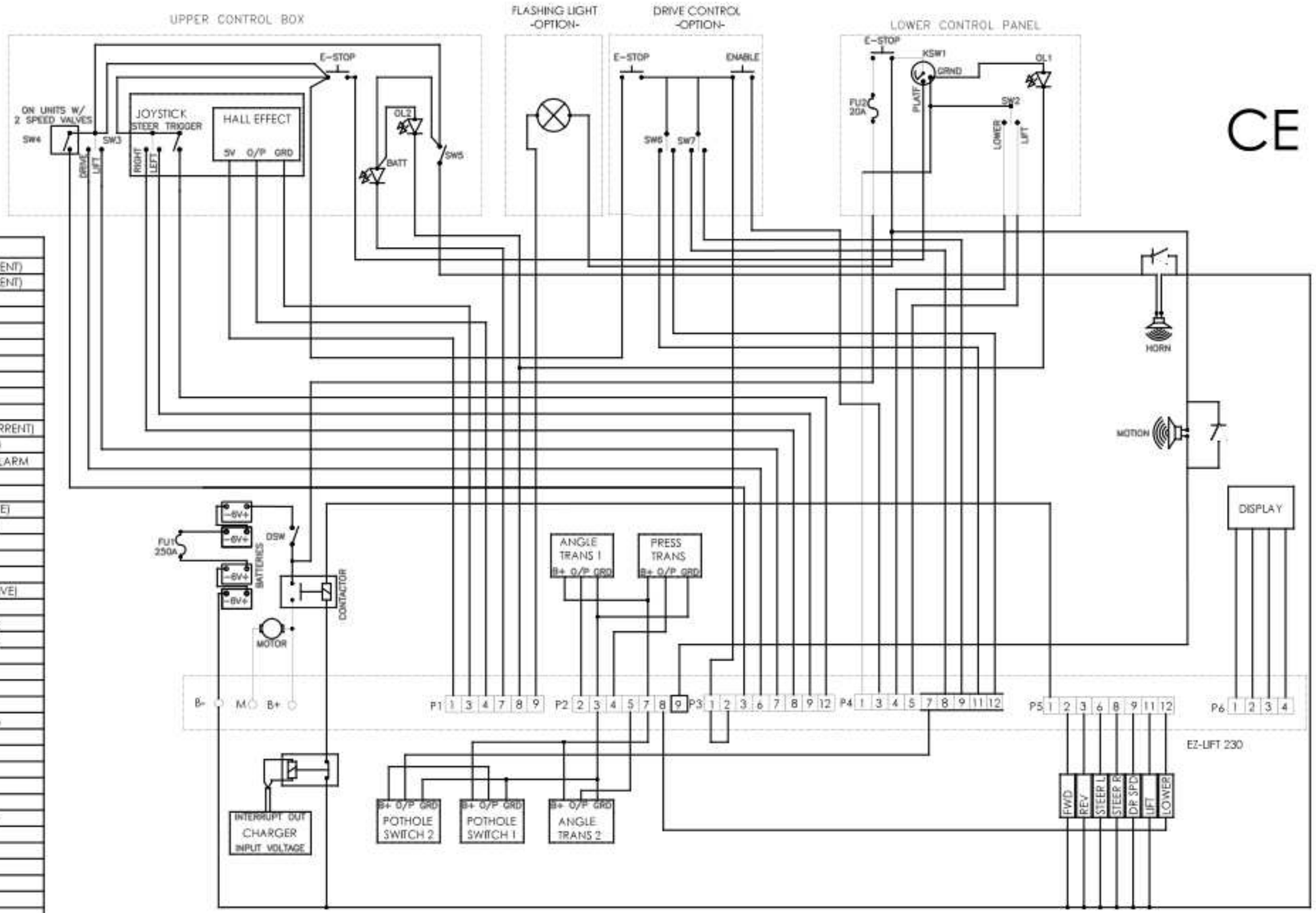
Item	Part No.	Name	Qty	Uom
-	1501642FR	DECAL ASSEMBLY CE FRENCH S3219E		EA
1	0073043	DECAL OPERATING INFORMATION INSIDE	1	EA
2	0073224	DECAL MANUAL REORDER	1	EA
3	0074311FR	DECAL, DANGER CYLINDER FAILURE, FRENCH	2	EA
4	0083427	DECAL, ANCHOR TIE-DOWN/LIFT	4	EA
5	0162311	DECAL, CE LOGO 3.25 X 2.00	1	EA
6	0361367	MANUAL RESPONSIBILITIES A92.20	1	EA
7	0361533	DECAL, EMERGENCY BLEED DOWN	1	EA
8	451986FR	DECAL. DNGR DO NOT ALTER SW	1	EA
9	501453-000	DECAL, FOOT TRAP	2	EA
10	508862-000	DECAL, OPERATORS CHECKLIST	1	EA
11	508863-000	DECAL - BEWARE DESCENDING PLAT	1	EA
12	508867-000	DECAL, CYLINDER DANGER	2	EA
13	511176-000	DECAL DNGR TIPOVER HAZARD	2	EA
14	512224-000	DECAL, SNORKEL	3	EA
15	969249	DECAL, STRIPE YE/BLK 2"	32	A/R
16	1500836	DECAL S3219E MODEL	2	EA
17	1500840	DECAL, FORKLIFT	2	EA
18	1500842FR	MANUAL, OPERATORS S3219E CE	1	EA
19	1501230	DECAL, PLAT CAP 550# W/WIND SP	1	EA
20	1501475FR	DECAL, DNGR TIPOVER/ELEC HAZARD LH	1	EA
21	1501476FR	DECAL, DNGR TIPOVER/ELEC HAZARD RH	1	EA

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Item	Part No.	Name	Qty	Uom
-	1502754	BUMP GUARD ASSEMBLY S3215E S3219E ASSEMBLY		EA
1	1502653	PLATFORM ASSEMBLY S3215E S3219E	1	EA
2	1502755	WLDMT, HNDRL LH BUMP GRD S3215	1	EA
3	1502756	WLDMT, HNDRL RH BUMP GRD S3215	1	EA
4	1502741	WLDMT, FRONT GATE BUMP GRD	1	EA
5	1501323	TUBE HNDRL MID TELESCOP	2	EA
6	1501630	WLDMT, TOP SLIDER LH ORG	1	EA
7	1501583	CLIP, HANDLE 1.00	2	EA
8	1501715	WLDMT, SLIDE HANDLE SHORT	2	EA
9	1501631	WLDMT, TOP SLIDER RH ORG	1	EA
10	1502753	WLDMT, BUMP GRD SIDE S3215/321	2	EA
11	1502745	WLDMT, FRONT BUMP GRD S3220/26	1	EA
12	1502975	UPPER CONTROL BOX ASSEMBLY ANSI 2SPD	1	EA
13	1502443	WLDMT, WIRE CHASE	1	EA
14	3040300	CONN .500 .188-.313	1	EA
15	1501829	PLT, CABLE COVER BOTTOM	1	EA
16	1501397	PLT, CONT BOX MNT COVER	1	EA
17	3040113	MOUNTING BASE	2	EA
18	562386	COMPARTMENT, LITERATURE 8.5X11	1	EA
19	5569973	WEAR PAD	2	EA
20	1503200	DRIVE CONTROL PENDANT	1	EA
21	1502834	SLIDE PAD, STICK ON	6	EA
22	3028895	SENSOR, MAG TARGET	1	EA
23	3028894	SENSOR, MAGNETIC	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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