snorkel

TM12E



CE

REPAIR PARTS MANUAL

Part Number 10016030
November 2016

Serial number 000000 and after

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Item	Part No.	Name	Qty	Uom
27	11702-002	FITTING ELBOW 90 -06MBA-04MFS	2	EA
28	11702-006	FTG, 90° ELBOW, 6MORFS-MORB	1	EA
29	11705-001	FITTING ELBOW 45 -4MBA-4MFS	1	EA
30	10001572	HYD, POWER UNIT, 4L	1	EA
31	3040268	BOOT BTRY CABLE END BLACK 4GA	6	EA
32	10000007	WLDMT, POTHOLE BAR LF	1	EA
33	10000008	WLDMT, POTHOLE BAR RT	1	EA
34	10000009	WLDMT, POTHOLE LINK	2	EA
35	10000010	WLDMT, POTHOLE PLUNGER MT	1	EA
36	10000011	ASSY, POTHOLE PLUNGER	1	EA
37	10000213	COUNTERWEIGHT, CAST	2	EA
38	10000013	BUSHING, POTHOLE BAR	4	EA
39	10000268	BUSHING, POTHOLE BAR	2	EA
40	10000014	SLEEVE, POTHOLE PLUNGER	1	EA
41	10001102	SPRING, POT PLUNGER	1	EA
42	10000076	PIN CLEVIS 3/4" DIA X 2-1/4" USEABLE	3	EA
43	10000077	PIN CLEVIS 3/4" DIA X 3-1/4" USEABLE	2	EA
44	10000078	PIN CLEVIS 3/4" DIA X 1-3/4" USEABLE	2	EA
45	5592131-000	RETAINING RING, .750 DIA ZP	11	EA
46	10000080	BEARING CSB-50 12FIB06	30	EA
47	41040-000	REAR WHEEL ASSEM	2	EA
48	10000092	WHEEL ASSEM, 12.72"	2	EA
49	10001203	TM12 HUB ASSEM	2	EA
50	10000333	STEERING LINK, CAST	2	EA

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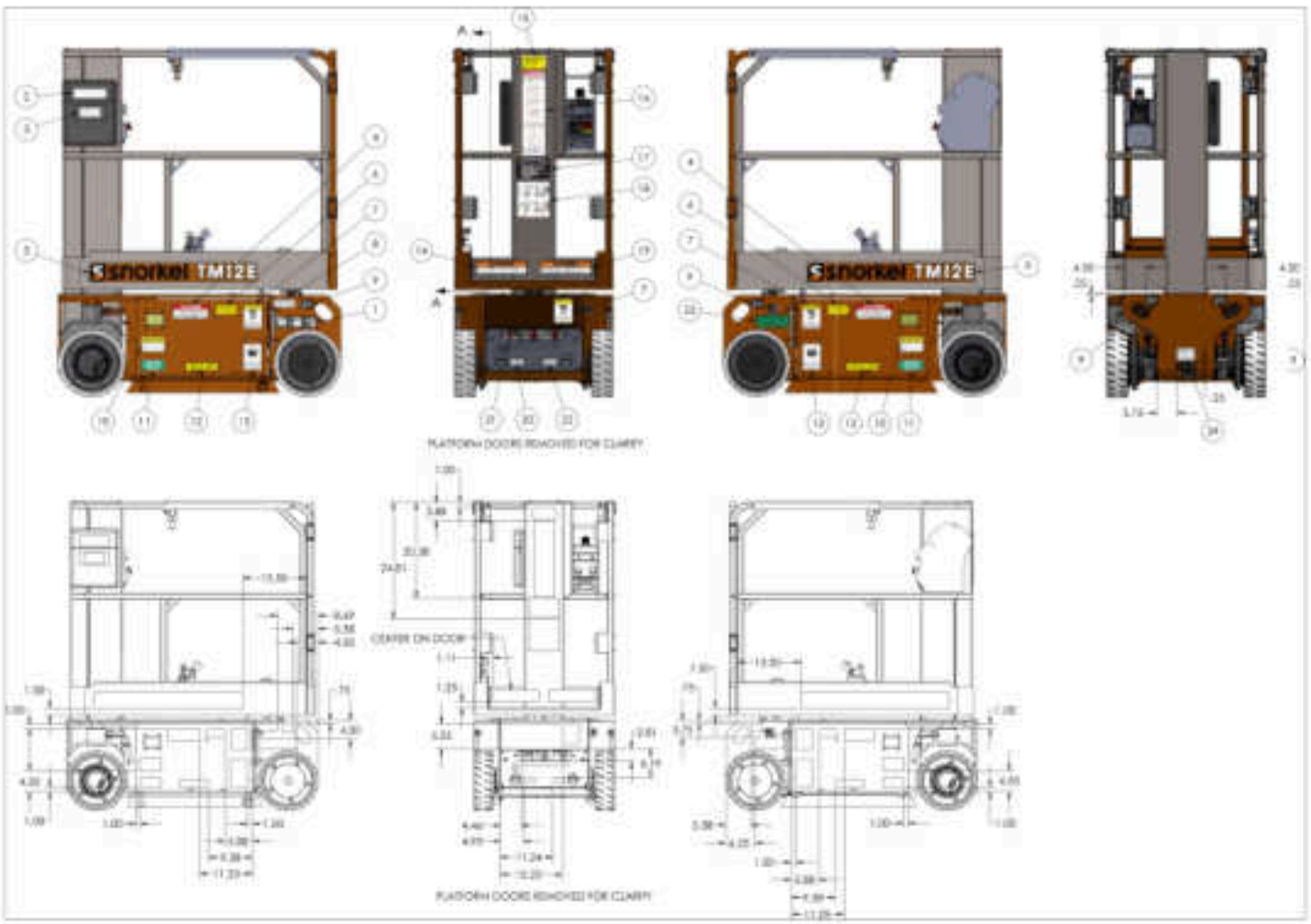
Item	Part No.	Name	Qty	Uom
27	10000152	BRKT, BATTERY BRACE	2	EA
28	10001240	ASSY, STEP	1	EA
29	10000038	PLATE, TOE KICK	1	EA
30	10001633	ASSY, LWR CTRL PNL, W/OL	1	EA
31	10001203	TM12 HUB ASSEM	2	EA
32	10000333	STEERING LINK, CAST	2	EA
33	2580430	THRUST BRG, 80mmID 100mmOD 3mm THK	2	EA
34	10000073	ASSEM, STEER CYLINDER	1	EA
35	10000337	PIN, STEERING TEE	1	EA
36	10000157	PIN, STEER CYL CENTER	1	EA
37	10000159	PLT, STEER PIN KEEPER	1	EA
38	10000330	STEERING TEE, CAST	1	EA
39	10001105	WELD, STEER PIN	4	EA
40	1610015-000	GUARD, PROTECTIVE HEAT SHRINK	1	EA
41	3087803	EZcal DISPLAY	1	EA
42	3020049	BATTERY DISCONNECT SWITCH	1	EA
43	300840	LOCK OUT LEVER ASSEMBLY	1	EA
44	3028844	SENSOR, PROX INDUCTIVE 12MM	3	EA
45	3087787	CONTACTOR, 24V SEALED	1	EA
46	3049978	ALARM, ECCO BEEPING 6-28VDC	1	EA
47	501868-001	HORN 12VDC	1	EA
48	1503469	STATIC STRAP RUBBER GROUND 15 I	1	EA
49	3030337-000	COMPUTER, SEM301 SCISSORS	1	EA
50	13006-016	FUSE BLOCK	1	EA
51	010154-000	COVER BATTERY	8	EA

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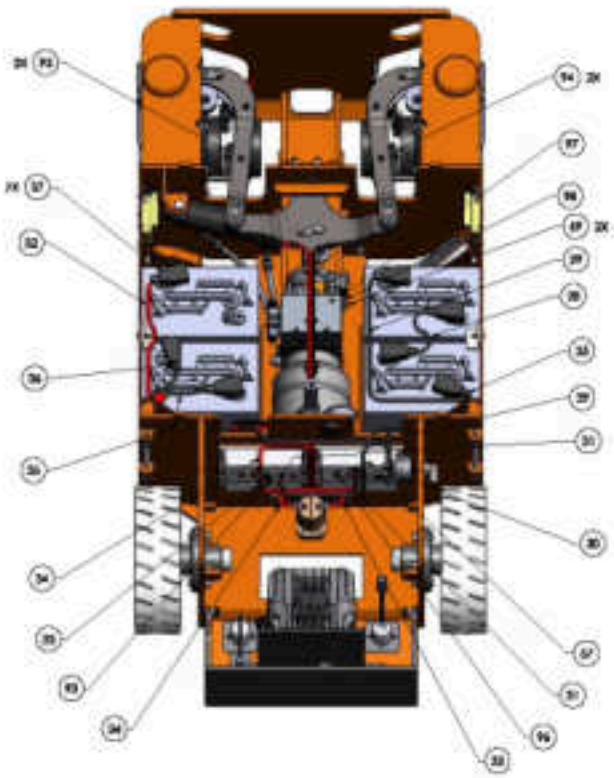
Item	Part No.	Name	Qty	Uom
-	10001378	LOADCELL ASSEMBLY - TM12E		EA
1	10001419	ASSY, CHASSIS TM12E, LOADCELL	1	EA
2	10000072	CYLINDER, LIFT, TM12E	1	EA
3	6091348	CHECK VALVE POPPET FLOW 0.045 ORIFICE	1	EA
4	6019289	COIL, 20VDC	1	EA
5	11700-009	FTG, STR, 6MORFS-MORB	1	EA
6	6019281	SOLENOID VALVE SV08-20J-0-N-10-DR	1	EA
7	10001184	HANDLE, ALUMINUM T 10-32 THREAD	1	EA
8	10303-004	SHOULDER 3/8-16UNC, 1/2 OD X 1/2 L	2	EA
9	11015-012	WASHER M12 FLAT METRIC	12	EA
10	11015-010	WASHER M8 FLAT METRIC	33	EA
11	11015-007	WASHER, FLAT, M5, DIN 125, HARDENED, PLTD	6	EA
12	11015-008	WASHER, FLAT, M6, DIN 125, HARDENED, PLTD	4	EA
13	10939-012	NUT, HEX M12X1.75 YL ZN PLT GR10.9	8	EA
14	10939-008	NUT, HEX M6X1 YL ZN PLT GR10.9	3	EA
15	10406-045	BOLT, HHCS, M12-1.75mm x 45, CLASS 10.9, DIN 933, PLTD	6	EA
16	10001379	ASSY, MAST TM12E, LOADCELL	1	EA
17	10402-040	BOLT, HHCS, M6-1.00mm x 40, CLASS 10.9 ISO 4017, DIN 933, PLTD	2	EA
18	10402-050	BOLT, HHCS, M6-1.00mm x 50, CLASS 10.9 ISO 4017, DIN 933, PLTD	1	EA
19	10001380	ASSY, PLATFORM, LOADCELL	1	EA
20	10001644	ASSY, BEARING MT, LOADCELL	4	EA

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REPAIR PARTS

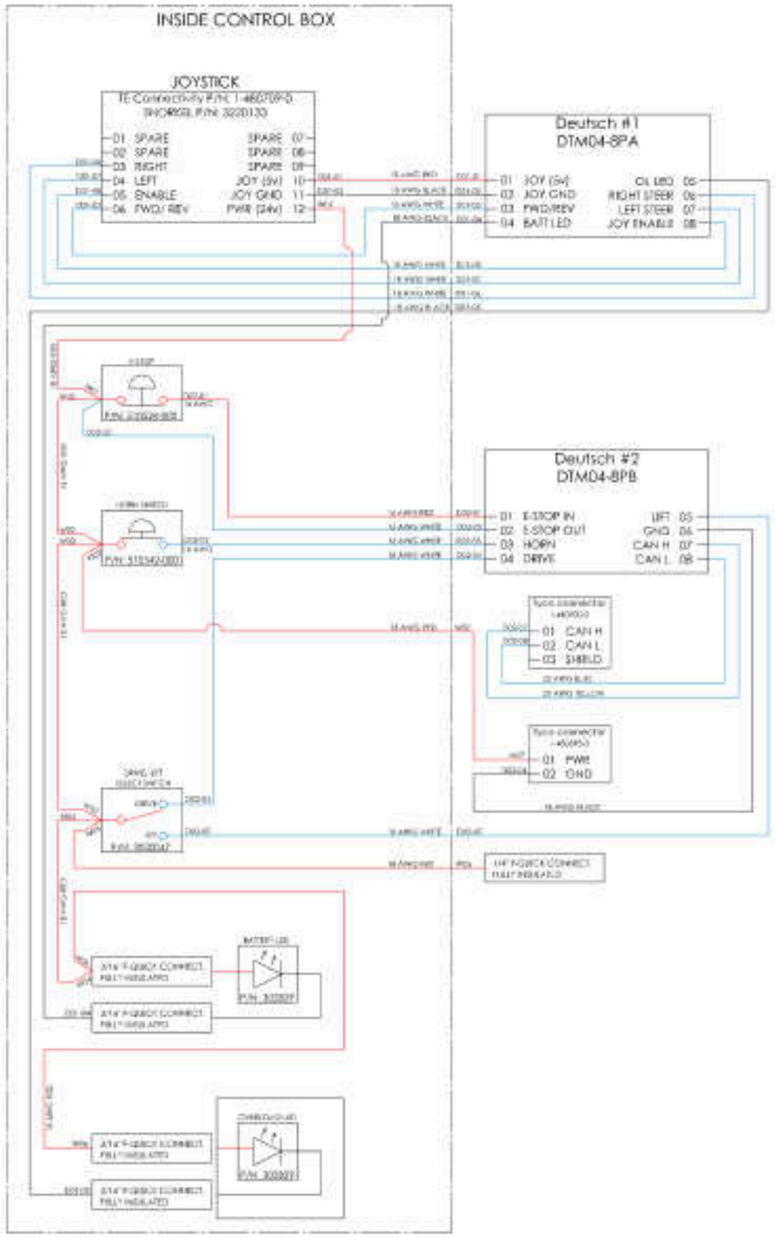


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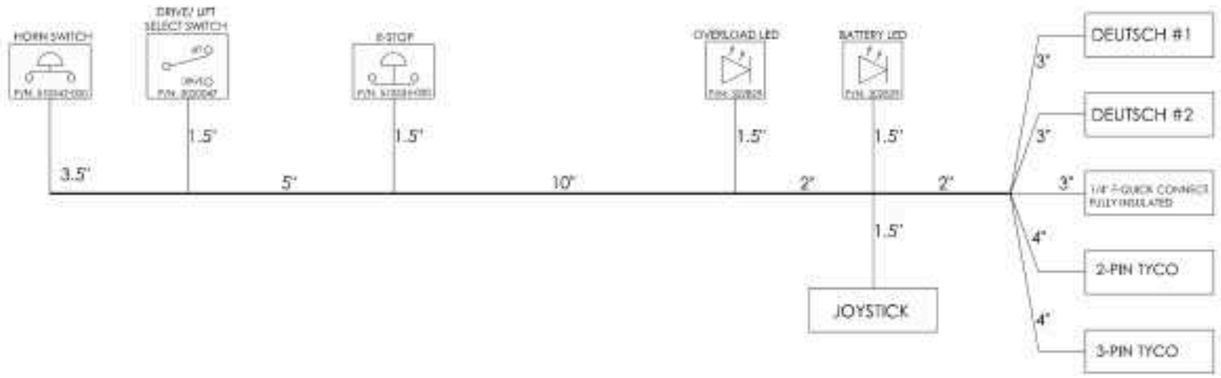


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HARNESS SCHEMATIC



HARNESS LAYOUT



WIRE					CONNECTOR 1				CONNECTOR 2			
Wire #	DESC.	LENGTH	AWG	COLOR	DESC.	TYPE	SIZE	LOC	DESC.	TYPE	SIZE	LOC
D01-01	JOY (5v)	6.5	18	RED	DEUTSCH 1	0460-010-20141	#20	01	JOYSTICK	PIN	-	10
D01-02	JOY GND	6.5	18	BLACK	DEUTSCH 1	0460-010-20141	#20	02	JOYSTICK	PIN	-	11
D01-03	FWD/ REV	6.5	18	WHITE	DEUTSCH 1	0460-010-20141	#20	03	JOYSTICK	PIN	-	06
D01-04	BATT LED	6.5	18	BLACK	DEUTSCH 1	0460-010-20141	#20	04	BATT LED	F-QUICK CONNECT	3/16	GND
D01-05	OVERLOAD LED	8.5	18	BLACK	DEUTSCH 1	0460-010-20141	#20	05	OL LED	F-QUICK CONNECT	3/16	-
D01-06	RIGHT STEER	6.5	18	WHITE	DEUTSCH 1	0460-010-20141	#20	06	JOYSTICK	PIN	-	03
D01-07	LEFT STEER	6.5	18	WHITE	DEUTSCH 1	0460-010-20141	#20	07	JOYSTICK	PIN	-	04
D01-08	JOY ENABLE	6.5	18	WHITE	DEUTSCH 1	0460-010-20141	#20	08	JOYSTICK	PIN	-	05
D02-01	E-STOP IN	18.5	16	RED	DEUTSCH 2	0460-010-20141	#20	01	E-STOP	SPADE	#6	01
D02-02	E-STOP OUT	18.5	16	WHITE	DEUTSCH 2	0460-010-20141	#20	02	E-STOP	SPADE	#6	02
D02-03	HORN	25.5	16	WHITE	DEUTSCH 2	0460-010-20141	#20	03	HORN	SPADE	#6	02
D02-04	DRIVE SW	23.5	18	WHITE	DEUTSCH 2	0460-010-20141	#20	04	SELECT SW	RING TERMINAL	#6	01
D02-05	LIFT SW	23.5	18	WHITE	DEUTSCH 2	0460-010-20141	#20	05	SELECT SW	RING TERMINAL	#6	03
D02-06	OVERLOAD GND	7	18	BLACK	DEUTSCH 2	0460-010-20141	#20	06	OL MODULE	2-PIN TYCO	-	02
D02-07	CAN H	7	20	YELLOW	DEUTSCH 2	0460-010-20141	#20	07	OL MODULE	3-PIN TYCO	-	01
D02-08	CAN L	7	20	BLUE	DEUTSCH 2	0460-010-20141	#20	08	OL MODULE	3-PIN TYCO	-	02
W01	PWR (24v)	15	18	RED	JOYSTICK	PIN	-	12	E-STOP	SPADE	#6	02
W02	PWR (24v)	10	16	RED	E-STOP	SPADE	#6	02	HORN	SPADE	#6	01
W03	PWR (24v)	5	18	RED	HORN	SPADE	#6	01	SELECT SW	RING TERMINAL	#6	02
W04	PWR (24v)	20	18	RED	SELECT SW	RING TERMINAL	#6	02	BATT LED	F-QUICK CONNECT	3/16	POS
W05	PWR (24v)	23.5	18	RED	SELECT SW	RING TERMINAL	#6	02	LOADING PWR	F-QUICK CONNECT	1/4	-
W06	PWR (24v)	5	18	RED	BATT LED	F-QUICK CONNECT	3/16	POS	OL LED	F-QUICK CONNECT	3/16	-
W07	PWR (24v)	26.5	18	RED	HORN	SPADE	#6	01	OL MODULE	2-PIN TYCO	-	01

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