



51R84S & 51R85S VISION SYSTEM PARTS CATALOG

DECEMBER 2022



SILGAN EQUIPMENT

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SECTION A

MAIN ASSEMBLIES

SECTION B

OPTIONS

SECTION C

ACCESSORIES



SECTION A

MAIN ASSEMBLIES

Assembly Number	Description	Page Number
51RA12616	SVF, MAIN	1
51RA12457	CABLE, IPC SERIAL	2
51RA12453	BUNDLE, INDUSTRIAL COMPUTER	3
51RA11000	ASM, ENCLOSURE POST	4
51RA12639	ENCLOSURE, 51R84SVF CAMERA	5
51RA12440	HARNESS, CONTROL	10
51RA12578	ASM, LED-TRIG CTRL	11
51RA12316	ASM, 5 LED PCB	13
51RA12312	ASM, 4 LED PCB	14
51RA12439	HARNESS, COMMUNICATION	15
51RA12563	KIT, BASE MOUNTING	16
51RA12610	HARDWARE, VISION SYSTEM	17

51RA12616 SVF, MAIN

No Image

Item Number	Part Number	Part Description	Quantity
1	51RA12615	VISION SVF MAIN, IPC BASE	1
2	51R12399	HARD DRIVE , INTERNAL	2
3	51R12398	OS, WINDOWS 10	1
4	51RA12457	SERIAL CABLE IPC	1
5	51R11106	USB hub	1
6	51R12208	NAMEPLATE, SILGAN EQUIPMENT	1
9	51R12473	RAIL - DIN 35MM X 178MM	1
10	51RA12453	INDUSTRIAL COMPUTER BUNDLE	1
11	20R11874	SEAL-HOLE	4
12	51R12739	GASKET, STACK LIGHT	1
30		SCR, 10-24 X 3/8 PAN HD SS	12

51RA12457 CABLE, IPC SERIAL

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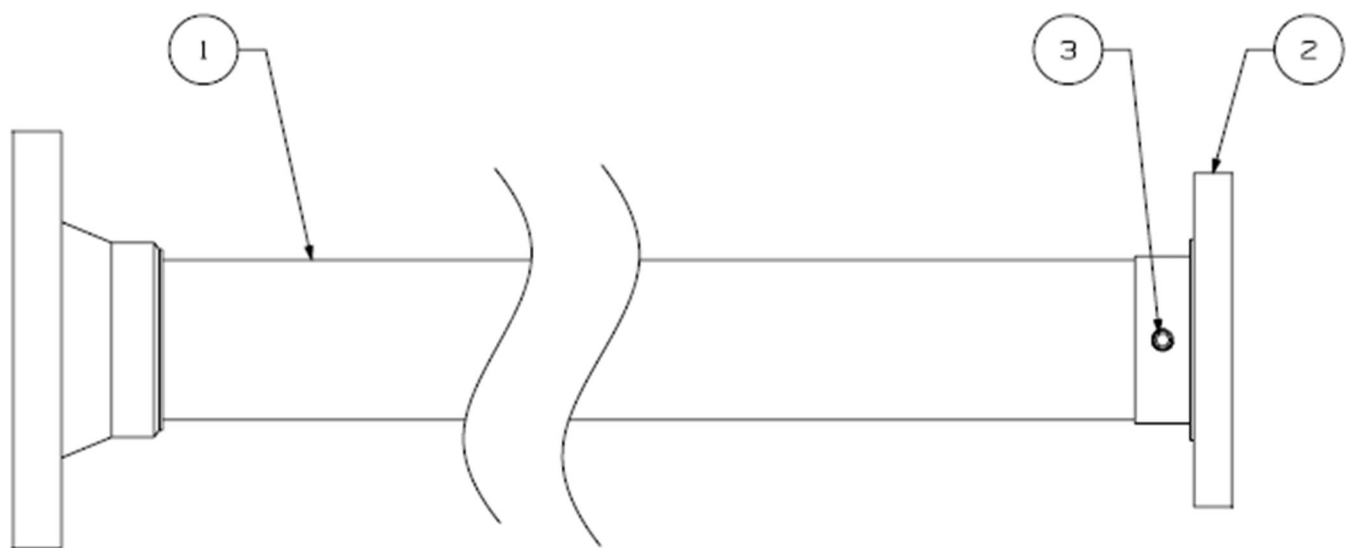
Item Number	Part Number	Part Description	Quantity
1	51R11046	DB9 BACKSHELL - 45 DEGREE	2
2	51R11047	CONNECTOR - D-SUB,9 PIN FEMALE	2
4	51R12458	CABLE	45 IN
5	51R11350	SHRINK TUBE - 1/16"	4 IN

51RA12453 BUNDLE, INDUSTRIAL COMPUTER

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Item Number	Part Number	Part Description	Quantity
1	51R12447	INDUSTRIAL COMPUTER	1
2	51R12448	RAM - 16GB	1
3	51R12449	DIN RAIL MOUNTING KIT	1

51RA11000 ASM, ENCLOSURE POST



Item Number	Part Number	Part Description	Quantity
1	51R2465	POST - CONTROL ENCLOSURE	1
2	51R2466	SWIVEL- POST HEAD	1
		UNLESS NOTED, USE 300 SERIES SS FASTENERS.	
3		SCR, SET 3/8-16 X .75 SS	2

51RA12639 ENCLOSURE, 51R84SVF CAMERA

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51RA12639 ENCLOSURE, 51R84SVF CAMERA

Item Number	Part Number	Part Description	Quantity
1	51R2812	COVER, TOP	1
2	51R10974	PLATE- STUD	1
3	51R2813	Base Plate; 84/85	1
4	51R11266	SPACER - TRIP CAM ENCL.	1
5	51R2817	ENCLOSURE, TRIPLE CAMERA	1
6	51R2818	COVER - CAMERA BOX	1
7	51R11498-D	WINDOW, ASSEMBLED 15 X 6	1
8	51R2496	BEARING-SQUARE LINEAR	1
9	51R2814	BRACKET - BEARING MOUNT	1
10	51R2481	BRACKET - CLEVIS, CAMERA ENCL	1
11	51R2572	CONNECTOR - MOTOR CABLE, MALE	1
12	51R10684D	MOTOR, CAMERA	1
13	51R2569	PIN - CLEVIS	2
14	51R2570	PIN-COTTER	1
15	51R2815	ENCLOSURE; ANGELED CAM	2
16	51R11497-D	WINDOW, ASSEMBLED 3 X 6	2
17	51R2816	COVER - CAMERA BOX	1
20	51RA12440	CONTROL HARNESS	1
21	51R12438	COVER - CAMERA BOX	1
22	51R2562	CAP- DOWN BOTTLE	1
23	51R2479	CONNECTOR- DOWN BOTTLE	1
24	51R10877	CABLE - 4 CONDUCTOR	60 IN
26	51R2795	DESSICANT PACK, SILICA	3
27	51R2689	CABLE - GLASS FIBER OPTIC	4
29	51R2690	BRACKET - FIBER OPTIC SENSOR	2
30	51R11490	RAIL, 20X20 EXT. ALUM., 8"LONG	2
31	51R11469	T-NUT, M4 - 6MM	4

51RA12639 ENCLOSURE, 51R84SVF CAMERA

Item Number	Part Number	Part Description	Quantity
32	51R11147	GUSSET - 20mm X 20mm	2
33	51R2797	BLOCK- CAMERA MOUNTING	4
34	51R11420	POST - 6"-CAMERA	4
35	51R2798	POST, SHORT SWIVEL	4
36	51R12576	CAMERA, 1.6MP 73FPS GIGE	4
37	51R12583	CABLE, CAMERA GPIO/POWER	5
38	51R2688	SENSOR - FIBER OPTIC	2
39	51R2440	ANCHOR END, 35MM DIN RAIL	2
40	51RA12578	ASM, LED-TRIG CTRL	1
42	51R12731	RAIL, 15MM DIN, 7.25" LONG	1
43	51R11487	STAND-OFF,10-32 X 3/4 L X 1/2W	2
45	51R2488	ANCHOR END, 15MM DIN RAIL	4
46	51R2504	TERMINAL BLOCK	42
47	51R2429	SUPPORT - PCI BRACKET	2
50	51R2423	STAND-OFF	2
54	51R11257	WINDOW, -TOP SIDE LIGHT	4
55	51R2551	SPACER, #6, 1/4" OD, 3/16" L	8
56	51RA12316	ASM-PCB, 5 LED	4
57	51R11355	BRACKET - LED PCB	4
60	51R11036	WRAP - VOLTREX	12 IN
61	51R11450	BASE PLATE - TOP LIGHT	1
62	51R11360	HINGE, ADJUSTABLE FRICTION	4
63	51R11354	BRACKET - LED PCB	4
64	51RA12312	ASM-PCB, 4 LED	4
65	51R11438	SPACER,#6, 1/4" OD, 1-1/2" L	4
66	51R11963	GASKET, CLEVIS BRKT.	1
67	51R11964	GASKET, 84 TRIPLE CAM BOX	3

51RA12639 ENCLOSURE, 51R84SVF CAMERA

Item Number	Part Number	Part Description	Quantity
68	51R11965	GASKET, 84 ANGLE CAM BOX	4
69	51R11966	GASKET, 84 TOP COVER	1
70	51R11969	GASKET, 84 BEARING BRKT.	1
71	51RA12439	COMMUNICATION HARNESS	1
72	51R2495	CABLE, 5 CONDUCTOR	5 FT
73	51R12730	JUMPER, CENTER 3 POLE	2
80		SCR, 10-32 X 3/8 HEX HD SS	4
81		TERMINAL, #10 12GA RING	2
82		SCR, 1/4-20 X 1/2 RND HD SS	2
83		SCR, 1/4-20 X 1/2 SHC SS	12
84		WSHR, 1/4 SS	4
85		NUT, 1/4-20 HEX SS	2
86		SCR, 10-32 X 1/2 SHC SS	48
87		SCR, 10-32 X 1-1/4 SHC SS	12
88		SCR, 10-32 X 1-3/4 SHC SS	16
89		SCR, 10-32 X 3/4 SHC SS	12
90		SCR, 10-32 X 3/8 BTN HD SS	1
91		SCR, 10-32 X 3/8 SHC SS	2
92		SCR, 10-32 X 5/8 BTN HD SS	20
93		SCR, 10-32 X 5/8 SHC SS	2
94		WSHR, #10 SS	17
95		WSHR, #10 LOCK SS	7
96		SCR, 5/16-18 X 7/8 SHC SS	2
97		WSHR, 5/16 SS	2
98		WSHR, 5/16 LOCK SS	2
99		SCR, 6-32 X 1/2 BTN HD SS	6
100		SCR, 6-32 X 1/2 FLT HD SS	8

51RA12639 ENCLOSURE, 51R84SVF CAMERA

Item Number	Part Number	Part Description	Quantity
101		SCR, 6-32 X 1/4 BTN HD SS	18
102		SCR, 6-32 X 2 BTN HD SS	4
103		SCR, 6-32 X 3/8 BTN HD SS	22
104		SCR, 6-32 X 3/8 SHC SS	2
105		WSHR, #6 SS	8
106		WSHR, #6 LOCK SS	36
107		NUT, 6-32 HEX SS	8
108		SCR, 8-32 X 1/2 BTN HD SS	14
109		SCR, 8-32 X 1/2 SHC SS	2
110		SCR, 8-32 X 3/4 SHC SS	8
111		SCR, 8-32 X 3/8 BTN HD SS	14
112		SCR, 8-32 X 3/8 SHC SS	2
113		WSHR, #8 LOCK SS	2
114		SCR, M3 X 10 SHC SS	12
115		SCR, M4 X 8 SHC SS	4
116		WSHR, M4 SS	2
117		WSHR, M4 LOCK SS	2
118		SCR, M6 X 16 SHC SS	4
119		WSHR, M6 SS	4
120		TIE, 1 X 1 CABLE	4
121		RESISTOR, 1.6Kohm 1/4W	2
122	51R11294	TAPE, VHB DBL SIDE	1
123		RESISTOR, 1Kohm 6W	1
124		SHRINK TUBING, 1/8"	10
125	51R10859	JUMPER, 3 POLE	1

51RA12440 HARNESS, CONTROL

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Item Number	Part Number	Part Description	Quantity
1	51R12455	CONNECTOR, LIQUIDTIGHT 3/4"	1
2	20R22520	HUB - MYERS 3/4" NPT	1
3	51R12454	CABLE, FLEXIBLE CONTROL	18 FT
4	51R2412	GRIP, PG 21 CORD	1
5	51R2751	HOOD, SINGLE LEVER SIDE ENTRY	1
6	51R2752	CONNECTOR, 16 PIN RECT. MALE	1

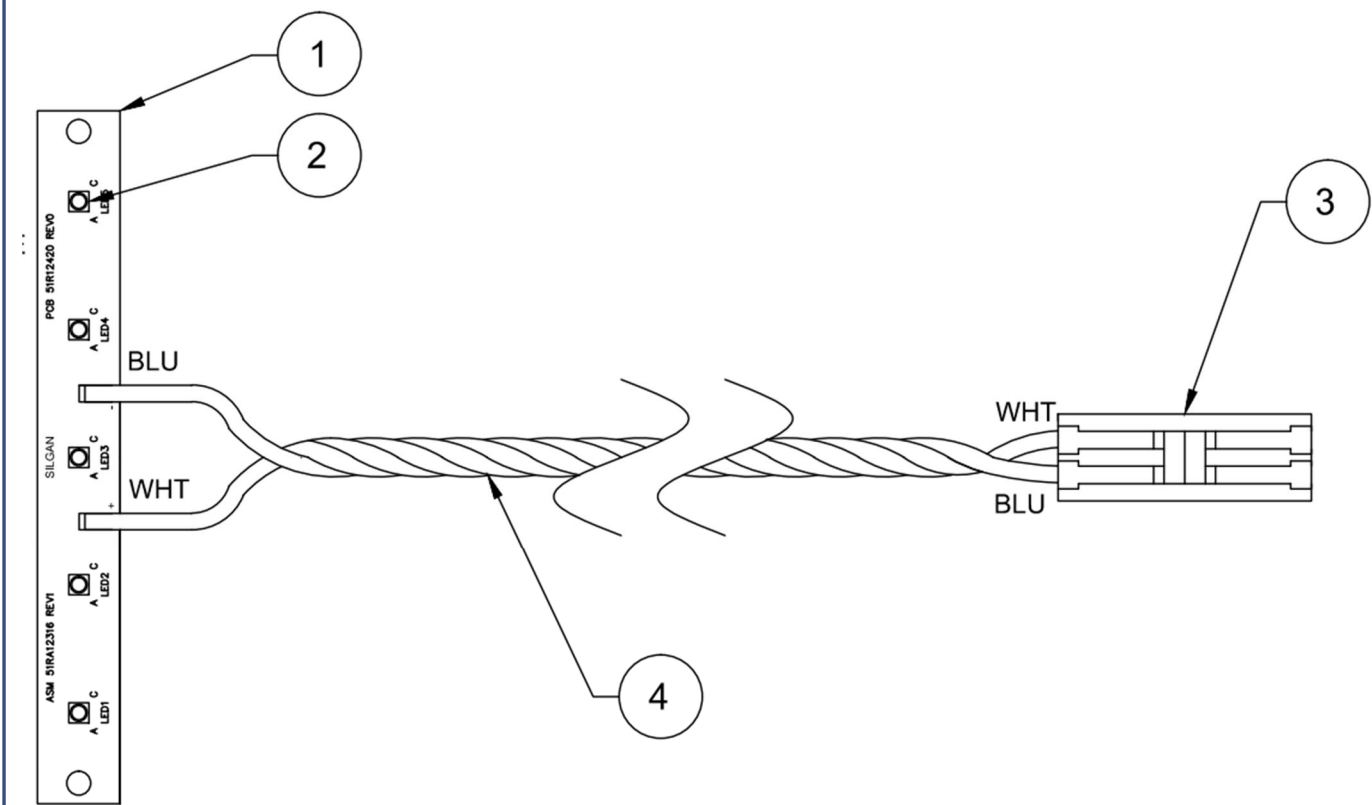
51RA12578 ASM, LED-TRIG CTRL

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51R12578 ASM, LED-TRIG CTRL

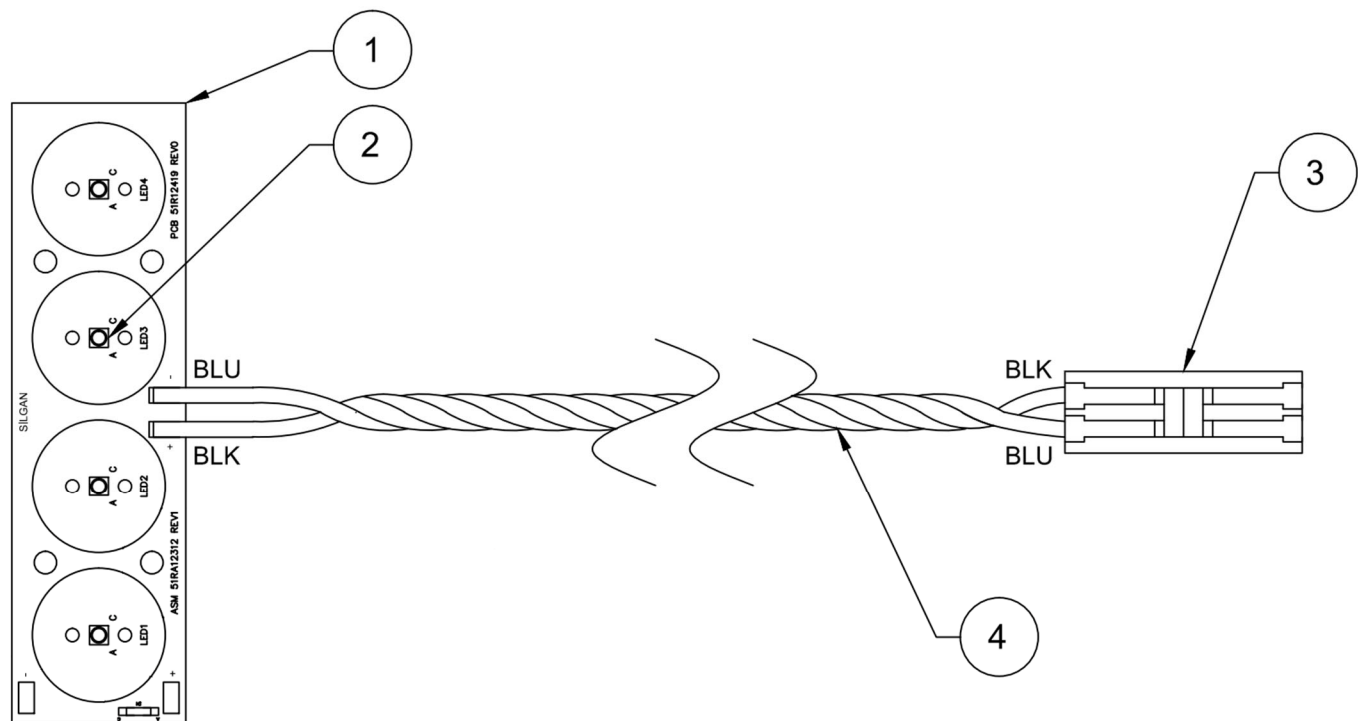
Item Number	Part Number	Part Description	Quantity
1	51R12577	PCB, BLANK	1
2	51R12579	SUPPORT, PCB PLATE	1
3	51R12700	DRIVER, LED THR	8
4	51R12701	RELAY, SS PCB THR	3
5	51R12702	RESISTOR, 1.2K THR	3
6	51R12703	RESISTOR, 5.6K THR	2
7	51R12704	RESISTOR, 200 THR	1
8	51R12705	RESISTOR, 10K THR	1
9	51R12706	LED, INDICATOR PCB THR	4
10	51R12707	INDUCTOR, 12 MICROF RADIAL	1
11	51R12708	CAPACITOR, 10 MICROF SMD	3
12	51R12709	CONVERTER, DC-DC 5V PCB THR	1
13	51R12710	HOLDER, FUSE THR	3
14	51R12711	FUSE, 3.1A	2
15	51R12712	FUSE, 1.0A	1
16	51R12713	HEADER, 8 POS THR	2
17	51R12714	HEADER, 5 POS THR	2
18	51R12715	HEADER, 3 POS THR	1
19	51R12719	STANDOFF, M-F THREADED	7
20	51R12716	PLUG, SPRING 8 POS	2
21	51R12717	PLUG, SPRING 5 POS	2
22	51R12718	PLUG, SPRING 3 POS	1
23		SCR, 6-32 X 3/16 PAN HD SS	7

51RA12316 ASM, 5 LED PCB



Item Number	Part Number	Part Description	Quantity
1	51R12420	PCB-BLANK, 5 LED	1
2	51R12418	LED-WHITE	5
3	51R12417	CONNECTOR-WIRE	1
4		WIRE, BLUE/WHT TWSTED PR 20AWG	18 IN

51RA12312 ASM, 4 LED PCB



Item Number	Part Number	Part Description	Quantity
1	51R12419	PCB-BLANK, 4 LED	1
2	51R12418	LED-WHITE	4
3	51R12417	CONNECTOR-WIRE	1
4		WIRE, BLUE/BLK TWSTED PR 20AWG	18 IN

51RA12439 HARNESS, COMMUNICATION

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Item Number	Part Number	Part Description	Quantity
1	20R11859	FITTING-LIQUIDTIGHT-PLASTIC	1
2	20R22523	FITTING – LIQUIDTIGHT - PLASTI	1
3	20R22521	HUB - MYERS 1" NPT	2
4	51R12614	CONDUIT, FLEXIBLE 1"	12.5 FT
5	51R12582	CABLE, ETHERNET, CAT6a,20FT	5
6		WIRE, GREEN MTW 12AWG	23 FT
7		TERMINAL, RING	1

51RA12563 KIT, BASE MOUNTING

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Item Number	Part Number	Part Description	Quantity
1	51R11164	BASE PLATE SLOTTED	1
2	51R11166	BASE RING	1
3	51R12597	PLUG - SNAP-IN, 1"HD	4
800		SCR, 3/8-16 X 2 HEX HD SS	6

51RA12610 HARDWARE, VISION SYSTEM

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Item Number	Part Number	Part Description	Quantity
1		SCR, 1/2-13 X 1-1/2 HEX HD SS	4
2		NUT, 1/2-13 JAM SS	4
3		WSHR, 1/2 SS	4
4		WSHR, 1/2 LOCK SS	4



SECTION B

OPTIONS

Assembly Number	Description	Page Number
51RA11803	OPTIONS, CAMERA ENCLOSURE POST	1
51RA11805	OPTIONS, ENCODER CABLE	2
51RA11806	OPTIONS, CAMERA LENS/SHIMS	3

51RA11803 OPTIONS, CAMERA ENCLOSURE POST

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51RA11805 OPTIONS, ENCODER CABLE

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51RA11806 OPTIONS, CAMERA LENS/SHIMS

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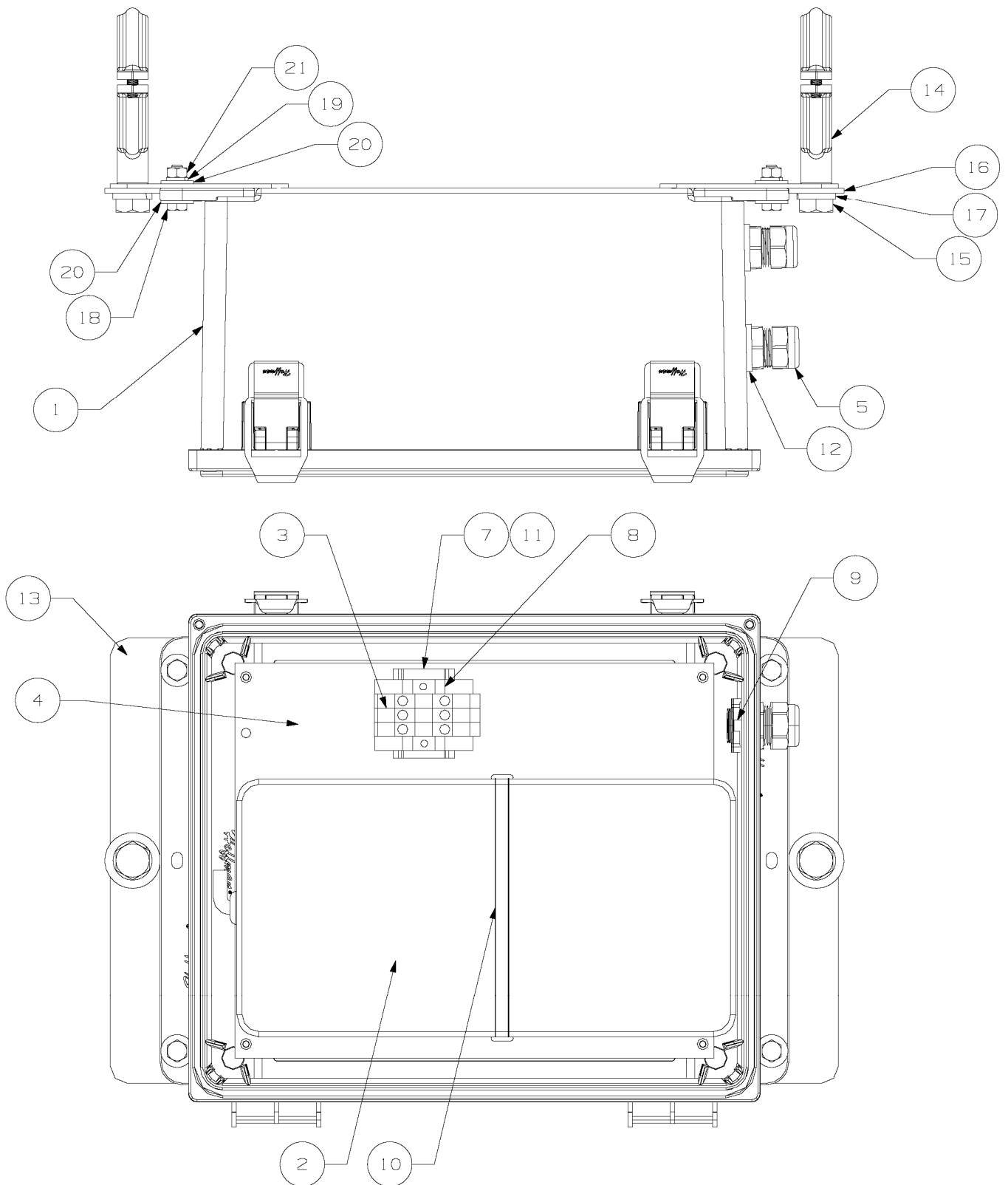


SECTION C

ACCESSORIES

Assembly Number	Description	Page Number
51RA2853	ASM, UPS	1
51RA10400	TAP TOUCH 600	3
51RA10604	SOFT TOUCH 600	4
51RA11040	AIR TOUCH 600	5
51RA2761	ASM, FILLER CAPPER TRACKING	6
51R3072	COVER, SPLASH RESISTANT	7
51R11031	PAXTON CAP DRYER	8
51RA2836	ASM, DOWN BOTTLE SENSOR	9
51RA12303	KIT, FOIL SENSOR	10

51RA2853 ASM, UPS



51RA2853 ASM, UPS

Item Number	Part Number	Part Description	Quantity
1	51R2825	ENCLOSURE - WALL MOUNT	1
2	51R2564	BATTERY, BACK-UP	1
3	51R2443	TERMINAL BLOCK	3
4	51R2826	PANEL - ENCLOSURE BACK	1
5	51R10833	CORD GRIP- 1/2	2
7	51R10896	RAIL- DIN, 2	1
8	51R2440	ANCHOR- END, 35MM	2
9	20R10710	LOCKNUT-1/2	2
10	51R10899	CABLE TIE- STAINLESS STEEL	1
11		SCR, 10-32 X 3/8 SOC HD BTN	2
12	20R11872	GASKET-SEALING-LIQUIDTIGHT	2
13	51R11011	PLATE- UPS ENCLOSURE MTG	2
14	51R10990	HANGER- PIPE	2
15		SCR, 1/2-13 X 3/4 SS HEX HD	2
16		WSHR, 1/2 SS FLT	2
17		WSHR, 1/2 SS LOCK	2
18		SCR, 1/4-20 X 7/8 SS HEX HD	4
19		WSHR, 1/4 SS LOCK	4
20		WSHR, 1/4 SS FLT	8
21		NUT, 1/4-20 SS	4

51RA10400 TAP TOUCH 600



Refer to this item's Parts Catalog for a list of service/replacement parts

51RA10604 SOFT TOUCH 600



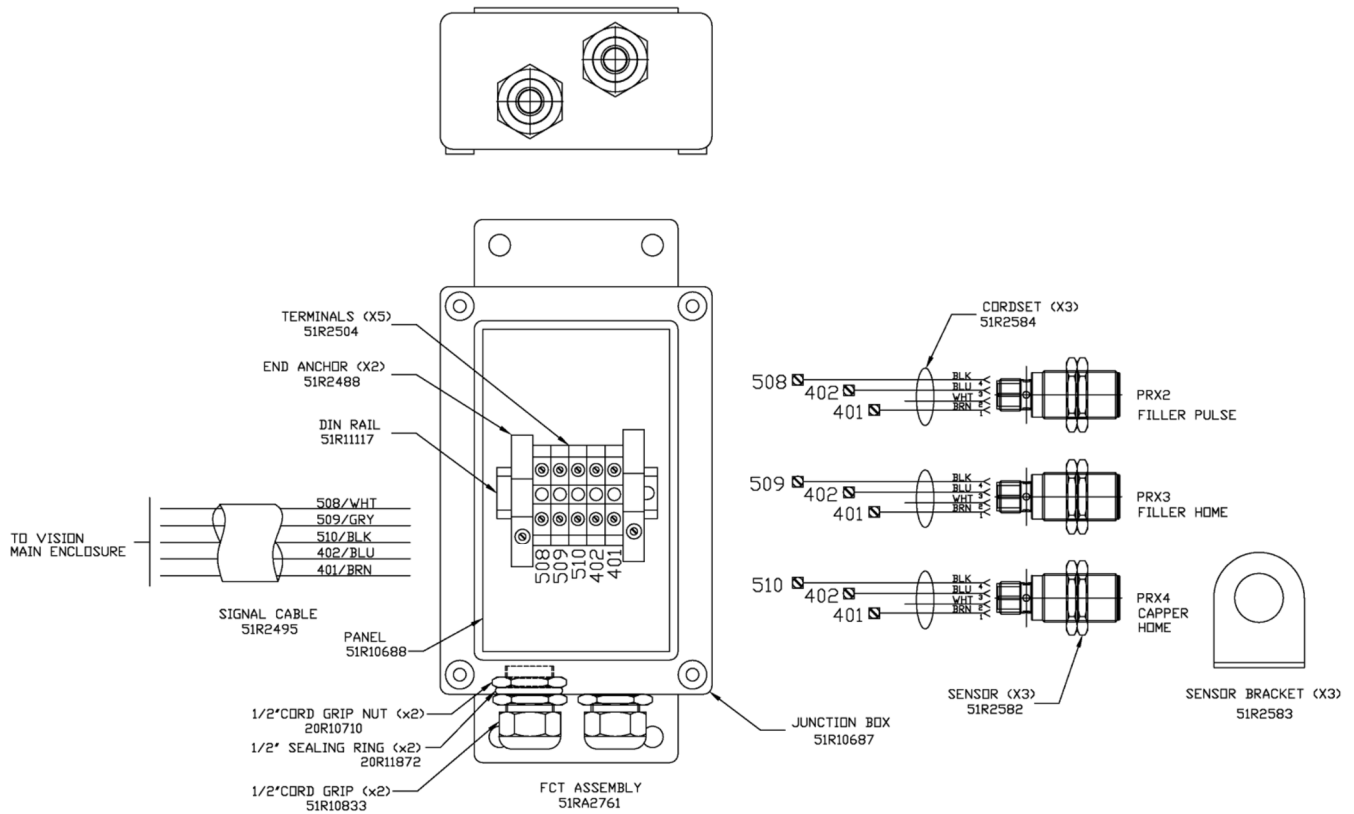
Refer to this item's Parts Catalog for a list of service/replacement parts

51RA11040 AIR TOUCH 600



Refer to this item's Parts Catalog for a list of service/replacement parts

51RA2761 ASM, FILLER CAPPER TRACKING

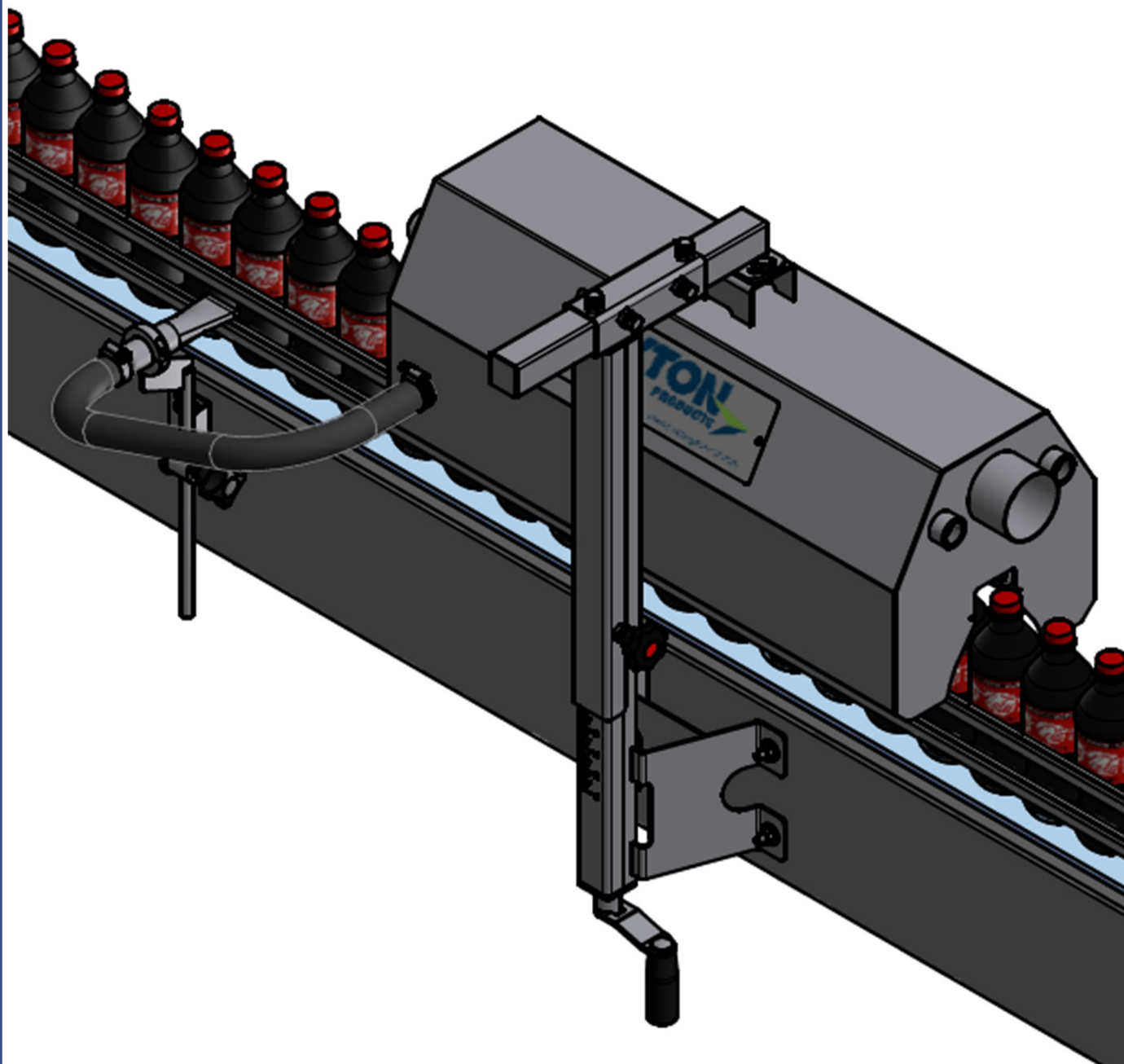


Item Number	Part Number	Part Description	Quantity
1	51R2582	SENSOR-INDUCTIVE PROX. SWITCH	3
2	51R2583	BRACKET - ANGLE	3
3	51R2584	CABLE, 4-WIRE MICRO DC	3
4	51R2495	CABLE - 5 CONDUCTOR	25FT
6	51R2504	TERMINAL BLOCK	5
7	51R2488	ANCHOR END, DIN RAIL	2
8	51R10687	ENCLOSURE - POLYESTER	1
9	51R10688	PANEL - ENCLOSURE	1
10	20R10710	LOCKNUT-1/2	2
11	51R10833	CORD GRIP- 1/2	2
12	51R11117	RAIL- 15MM DIN, 46MM LONG	1
13	20R11872	GASKET-SEALING-LIQUIDTIGHT	2

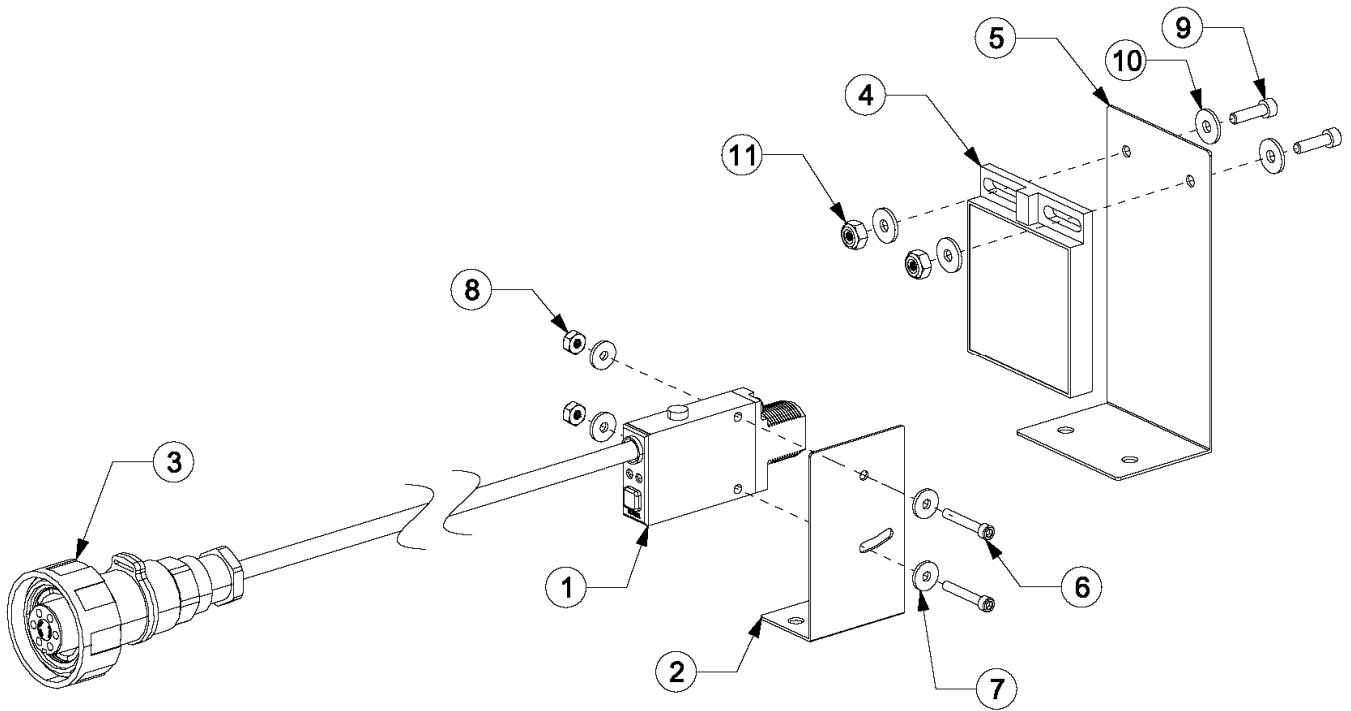
51R3072 COVER, SPLASH RESISTANT



51R11031 PAXTON CAP DRYER

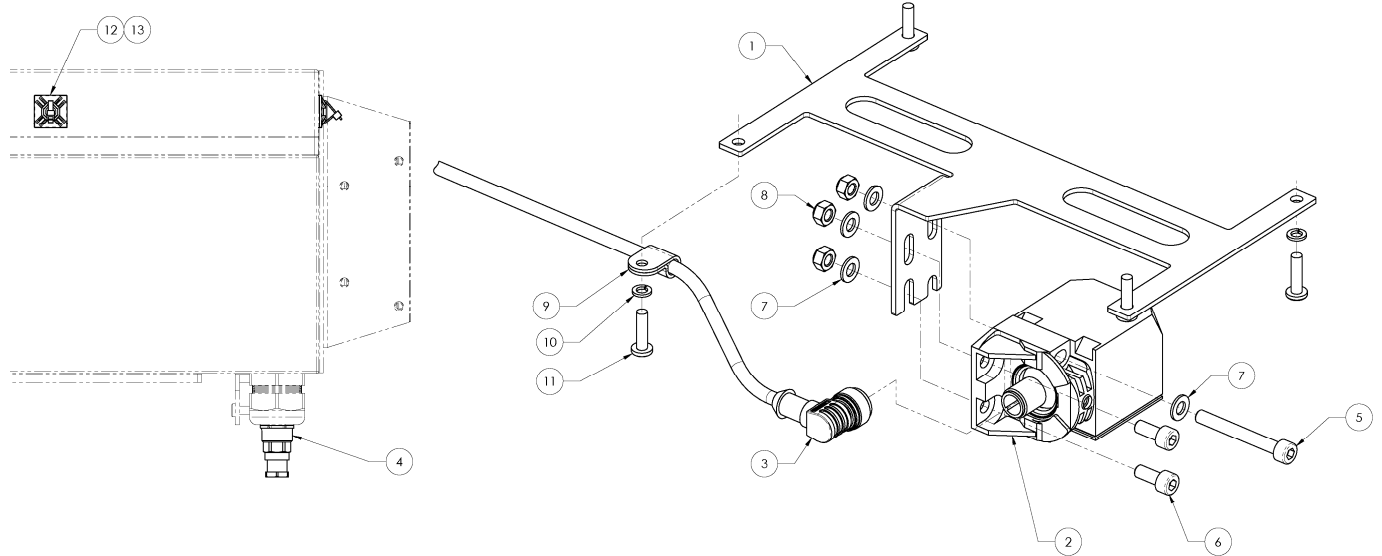


51RA2836 ASM, DOWN BOTTLE SENSOR



Item Number	Part Number	Part Description	Quantity
1	51R11586	SENSOR, PHOTO-REFLECTIVE	1
2	51R11584	BRACKET, SENSOR	1
3	51R2563	CONNECTOR- MOTOR CABLE, FEMALE	1
4	51R2565	REFLECTOR, SENSOR	1
5	51R11585	BRACKET, REFLECTOR	1
6		SCR, 4-40 X 3/4 SS SCH	2
7		WSHR, #4 SS FLT	4
8		NUT, 4-40 SS NYLOCK	2
9		SCR, 6-32 X 1/2 SS BTN SHC	2
10		WSHR, #6 SS FLT	4
11		NUT, 6-32 SS NYLOCK	2

51RA12303 KIT, FOIL SENSOR



Item Number	Part Number	Part Description	Quantity
1	51R12296	SENSOR BRACKET	1
2	51R12304	SENSOR, INDUCTIVE	1
3	51R12305	CORDSET, M12 3PIN RIGHT ANGLE	1
4	51R2563	CONNECTOR - CIRCULAR FEMALE	1
5		SCR, M5 X 40 SOC HD CAP	1
6		SCR, M5 X 12 SOC HD CAP	2
7		WSHR, M5 FLT	4
8		NUT, M5 NYLOCK	3
9		CLAMP, 1/4" BUNDLE PLASTIC CABLE	1
10		WSHR, #8 SPRING LOCK	4
11		SCR, 8-32 X 5/8 PHIL PAN HD	4
12		ANCHOR, 1 X 1 CABLE TIE	2
13		CABLE TIE	2



SECTION D

RECOMMENDED SPARE PARTS

Assembly Number	Description	Page Number
	RECOMMENDED SPARE PARTS LIST	1

RECOMMENDED SPARE PARTS LIST

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