

DESCRIPTION
**GFX Row Cleaner
 3 Section Final Harness**
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PART NUMBER 207-12-5919Y1	REV A-01	DRAWN BY mfrtiz	DRAWN DATE 2023-06-14
MODIFIED BY Dirk Ricker	MODIFIED DATE 2023-08-31	SHEET 1 OF 1	SIZE A

SP-001 Splice

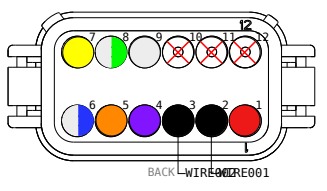
Cav.	Wire	Colour	Gauge	Length (mm)	Signal	Splice Side
X	WIRE003	RD	14	610	+12V	A
	WIRE011	RD	18	300	+12V	B
	WIRE012	RD	18	300	+12V	B
	WIRE013	RD	18	300	+12V	B

SPLICE
38mm- 114-31-375-BLACK-ADHESIVE - 3/8 in. Heat Shrink - Black - Adhesive Lined

SP-010 Splice

Cav.	Wire	Colour	Gauge	Length (mm)	Signal	Splice Side
X	WIRE001	BK	14	610	GND	A
	WIRE002	BK	14	610	GND	A
	WIRE004	BK	18	300	GND	B
	WIRE005	BK	18	300	GND	B
	WIRE006	BK	18	300	GND	B
	WIRE007	BK	18	300	GND	B
	WIRE008	BK	18	300	GND	B
	WIRE009	BK	18	300	GND	B

SPLICE
38mm- 114-31-5-BLACK-DB - 1/2 in. Heat Shrink - Black - Double Wall



X-001 Product

Cav.	Wire	Colour	Gauge	Signal
1	WIRE003	RD	14	+12V
2	WIRE001	BK	14	GND
3	WIRE002	BK	14	GND
4	WIRE015	VT	18	Press 1
5	WIRE014	OR	18	PWM 1 +
6	WIRE018	WH	18	Press 2
7	WIRE010	YE	18	PWM 2 +
8	WIRE017	WH	18	Press 3
9	WIRE016	WH	18	PWM 3 +
10				
11				
12				

100-06-DT06-12SA
1x 103-06-W12S-ORG - WEDGE LOCK_DT_PLUG_12WY_ORANGE
1x 114-21-.75-WHITE - 3/4 in. Heat Shrink - White - Printable

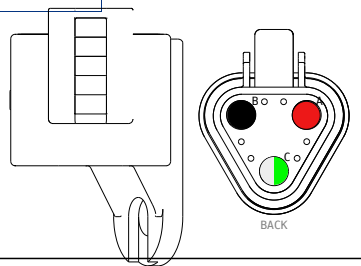
Required Testers

Labels

Product
Press1
Press2
Press3
PWM1
PWM2
PWM3

Revisions

Revision	Description
A-01	Original Drawing.

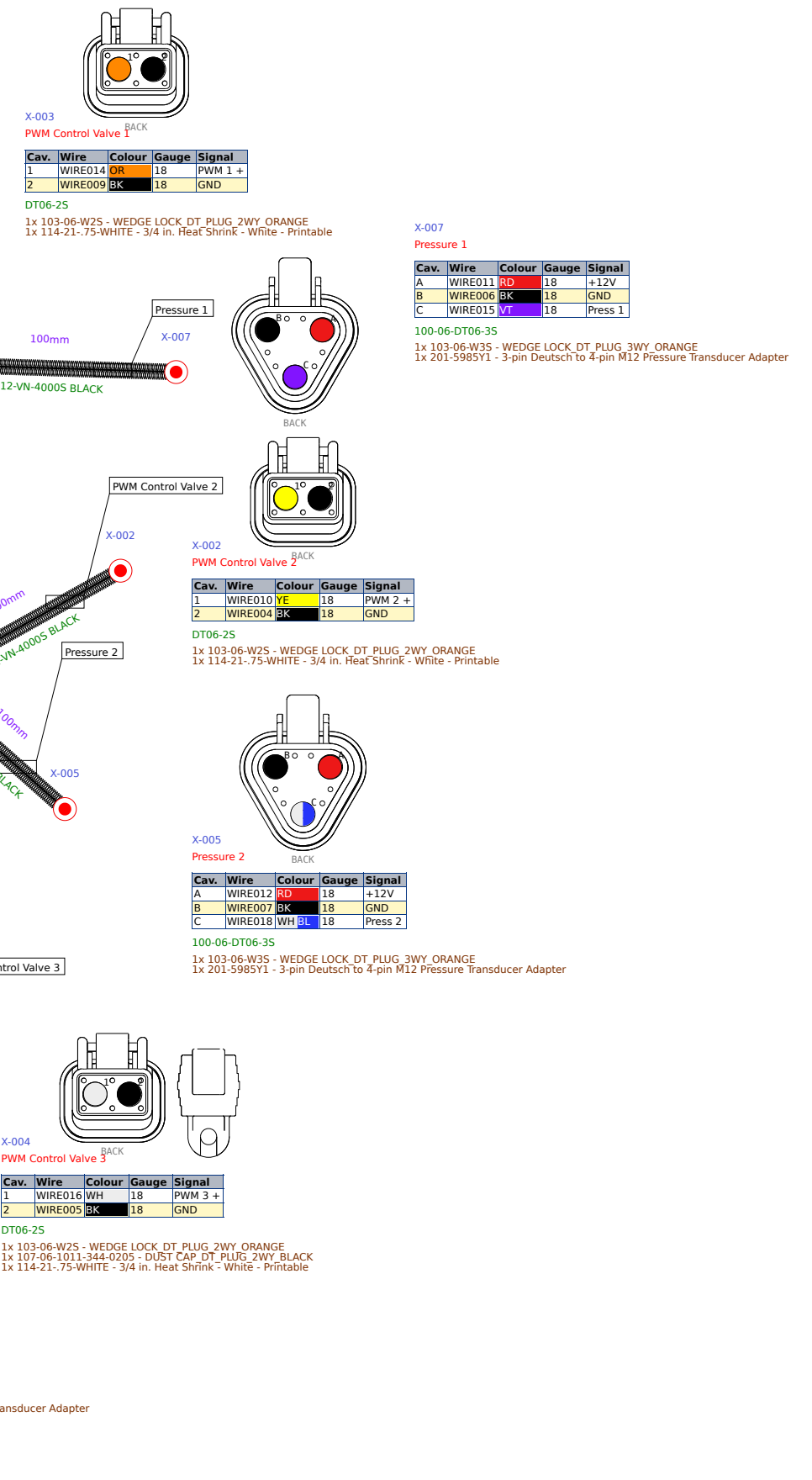


X-006 Pressure 3

Cav.	Wire	Colour	Gauge	Signal
A	WIRE013	RD	18	+12V
B	WIRE008	BK	18	GND
C	WIRE017	WH	18	Press 3

100-06-DT06-3S
1x 103-06-W3S - WEDGE LOCK_DT_PLUG_3WY_ORANGE
1x 1011-345-0305 - DUST CAP_DT_PLUG_3WY_BLACK
1x 201-5985Y1 - 3-pin Deutsch to 4-pin M12 Pressure Transducer Adapter

Cap With Dust Plug and add 201-5985 adapter to bag



X-003 PWM Control Valve 1

Cav.	Wire	Colour	Gauge	Signal
1	WIRE014	OR	18	PWM 1 +
2	WIRE009	BK	18	GND

DT06-2S
1x 103-06-W2S - WEDGE LOCK_DT_PLUG_2WY_ORANGE
1x 114-21-.75-WHITE - 3/4 in. Heat Shrink - White - Printable

X-007 Pressure 1

Cav.	Wire	Colour	Gauge	Signal
A	WIRE011	RD	18	+12V
B	WIRE006	BK	18	GND
C	WIRE015	VT	18	Press 1

100-06-DT06-3S
1x 103-06-W3S - WEDGE LOCK_DT_PLUG_3WY_ORANGE
1x 201-5985Y1 - 3-pin Deutsch to 4-pin M12 Pressure Transducer Adapter

X-002 PWM Control Valve 2

Cav.	Wire	Colour	Gauge	Signal
1	WIRE010	YE	18	PWM 2 +
2	WIRE004	BK	18	GND

DT06-2S
1x 103-06-W2S - WEDGE LOCK_DT_PLUG_2WY_ORANGE
1x 114-21-.75-WHITE - 3/4 in. Heat Shrink - White - Printable

X-005 Pressure 2

Cav.	Wire	Colour	Gauge	Signal
A	WIRE012	RD	18	+12V
B	WIRE007	BK	18	GND
C	WIRE018	WH	18	Press 2

100-06-DT06-3S
1x 103-06-W3S - WEDGE LOCK_DT_PLUG_3WY_ORANGE
1x 201-5985Y1 - 3-pin Deutsch to 4-pin M12 Pressure Transducer Adapter

X-004 PWM Control Valve 3

Cav.	Wire	Colour	Gauge	Signal
1	WIRE016	WH	18	PWM 3 +
2	WIRE005	BK	18	GND

DT06-2S
1x 103-06-W2S - WEDGE LOCK_DT_PLUG_2WY_ORANGE
1x 107-06-1011-344-0205 - DUST CAP_DT_PLUG_2WY_BLACK
1x 114-21-.75-WHITE - 3/4 in. Heat Shrink - White - Printable



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3 Section Final Harness**
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PART NUMBER
207-12-5919Y1

MODIFIED BY
Dirk Ricker

REV
A-01

DRAWN BY
mfrtiz

MODIFIED DATE
2023-08-31

DRAWN DATE
2023-06-14


SHEET
1 OF 3

UNITS
mm

SIZE
B

S.No	Quantity	Length (mm)	SureFire Part No.	Part Type	Description	Supplier Name	Supplier Part No.	Part Category	Part Type
1	3		DT06-25	Connector	PLUG_2WY_DT_GY_SLD_FEM TERMS	DEUTSCH	DT06-25		
2	1		100-06-DT06-12SA	Connector	PLUG_12WY_DT_GY_SLD_FEM TERMS	DEUTSCH	DT06-12SA		
3	3		100-06-DT06-3S	Connector	PLUG_3WY_DT_GY_SLD_FEM TERMS	DEUTSCH	DT06-3S		
4	2		SPLICE	Splice	Ultrasonic Weld Splice	SureFire AG	SPLICE		
5	1		103-06-W12S-ORG	Harness node attach part	WEDGE LOCK_DT_PLUG_12WY_ORANGE	DEUTSCH	W12S		
6	3		103-06-W2S	Harness node attach part	WEDGE LOCK_DT_PLUG_2WY_ORANGE	DEUTSCH	W2S		
7		38	114-31-.375-BLACK-ADHESIVE	Harness node attach part	3/8 in. Heat Shrink - Black - Adhesive Lined	SureFire AG	114-31-.375-BLACK-ADHESIVE		
8		38	114-31-.5-BLACK-DB	Harness node attach part	1/2 in. Heat Shrink - Black - Double Wall	SureFire AG	114-31-.5-BLACK-DB		
9	1		107-06-1011-344-0205	Harness node attach part	DUST CAP_DT_PLUG_2WY_BLACK	DEUTSCH	1011-344-0205		
10	4		114-21-.75-WHITE	Harness node attach part	3/4 in. Heat Shrink - White - Printable	SureFire AG	114-21-.75-WHITE		
11	3		103-06-W3S	Harness node attach part	WEDGE LOCK_DT_PLUG_3WY_ORANGE	DEUTSCH	W3S		
12	1		1011-345-0305	Harness node attach part	DUST CAP_DT_PLUG_3WY_BLACK	DEUTSCH	1011-345-0305		
13	3		201-5985Y1	Harness node attach part	3-pin Deutsch to 4-pin M12 Pressure Transducer Adapter				
14		1610	112-VN-4000S BLACK	Sleeve & Tube	Black Braiding Wire	SureFire AG	112-VN-4000S BLACK		
15	24		105-06-1062-16-0122	Terminal	FEM TERM_STAMPED SIZE 16_0.75-2.0mm2	DEUTSCH	1062-16-0122		
16		4965	110-18-GXL-T218GXL-1-4X	Multicore	18 AWG GXL Polyofelin Bare Wire- Yellow/Green Twisted pair				
17		205	110-18-TXL-1	Wire	18 AWG Thin Wall XL Polyofelin Bare Wire- Red	SureFire AG	110-18-TXL-1		
18		2030	110-18-GXL-VZ22	Wire	18 AWG GXL Polyofelin Bare Wire-Dark Blue	SureFire AG	110-18-GXL-VZ22		
19		105	110-14-TXL-5	Wire	14 AWG Thin Wall XL Polyofelin Bare Wire- Orange	SureFire AG	110-14-TXL-5		
20		2025	110-18-GXL-5	Wire	18 AWG GXL Polyofelin Bare Wire- Orange	SureFire AG	110-18-GXL-5		
21		710	110-14-TXL-1	Wire	14 AWG Thin Wall XL Polyolefin Bare Wire- Red	SureFire AG	110-14-TXL-1		
22		6370	110-18-GXL-1Z30	Wire	18 AWG GXL Polyofelin Bare Wire- Red	SureFire AG	110-18-GXL-1Z30		
23		1830	110-18-TXL-7	Wire	18 AWG Thin Wall XL Polyofelin Bare Wire- Purple	SureFire AG	110-18-TXL-7		
24		300	110-14-TXL-0	Wire	14 AWG Thin Wall XL Polyolefin Bare Wire- Black	SureFire AG	110-14-TXL-0		
25		915	110-18-TXL-6	Wire	18 AWG Thin Wall XL Polyofelin Bare Wire- Brown	SureFire AG	110-18-TXL-6		
26		1120	110-18-TXL-V	Wire	18 AWG Thin Wall XL Polyofelin Bare Wire- Blue	SureFire AG	110-18-TXL-V		
27		6455	110-18-GXL18-0Z30	Wire	18 AWG GXL Polyofelin Bare Wire- Black	SureFire AG	110-18-GXL18-0Z30		
28		610	110-18-TXL-5	Wire	18 AWG Thin Wall XL Polyofelin Bare Wire- Orange	SureFire AG	110-18-TXL-5		
29		105	110-18-TXL-0	Wire	18 AWG Thin Wall XL Polyofelin Bare Wire- Black	SureFire AG	110-18-TXL-0		
30		1220	110-14-GXL14-0Z30	Wire	14 AWG GXL Polyolefin Bare Wire- Black	SureFire AG	110-14-GXL14-0Z30		
31		910	110-18-GXL-7	Wire	18 AWG GXL Polyofelin Bare Wire- Purple	SureFire AG	110-18-GXL-7		
32		610	110-14-GXL14-1Z30	Wire	14 AWG GXL Polyolefin Bare Wire- Red	SureFire AG	110-14-GXL14-1Z30		
33		910	110-18-GXL-Z9S3	Wire	18 AWG GXL Polyofelin Bare Wire-White w/Blue Stripe-SPIRAL	SureFire AG	110-18-GXL-Z9S3		
34		910	110-18-GXL-9-S2Z22	Wire	18 AWG GXL Polyofelin Bare Wire-White w/Green Stripe-Barrel	SureFire AG	110-18-GXL-9-S2Z22		
35		910	110-18-GXL18-4	Wire	18 AWG GXL Polyofelin Bare Wire- Yellow	SureFire AG	110-18-GXL18-4		
36		910	110-18-GXL-9	Wire	18 AWG GXL Polyofelin Bare Wire- White	SureFire AG	110-18-GXL-9		
37	1		114-21-1-WHITE	Harnesslabel	1 in. Heat Shrink - White - Printable	SureFire AG	114-21-1-WHITE		



	DESCRIPTION GFX Row Cleaner 3 Section Final Harness Copyright © SurePoint Ag Systems, Reproduction or use of drawing is not allowed without express written permission from SurePoint Ag	PART NUMBER 207-12-5919Y1	REV A-01	DRAWN BY mfritz	DRAWN DATE 2023-06-14	UNITS mm
		MODIFIED BY Dirk Ricker	MODIFIED DATE 2023-08-31	SHEET 2 OF 3	SIZE B	

S.No	Wire PN	Wire No	Size	Colour	Wire Length (mm)	Strip End 1 (mm)	Strip End 2 (mm)	From Tag	Pin End 1	Terminal End 1	Seal End 1	To Tag	Pin End 2	Terminal End 2	Seal End 2	Location End 1	Location End 2
1	110-14-GXL14-0Z30	WIRE001	14	BK	630	5.200	15.000	X-001	2	105-06-1062-16-0122		SP-010	X	SPLICE		1/2C	1/3C
2	110-14-GXL14-0Z30	WIRE002	14	BK	630	5.200	15.000	X-001	3	105-06-1062-16-0122		SP-010	X	SPLICE		1/2C	1/3C
3	110-14-GXL14-1Z30	WIRE003	14	RD	630	5.200	15.000	X-001	1	105-06-1062-16-0122		SP-001	X	SPLICE		1/2C	1/3C
4	110-18-GXL18-0Z30	WIRE004	18	BK	320	5.200	15.000	X-002	2	105-06-1062-16-0122		SP-010	X	SPLICE		1/6C	1/3C
5	110-18-GXL18-0Z30	WIRE005	18	BK	320	5.200	15.000	X-004	2	105-06-1062-16-0122		SP-010	X	SPLICE		1/6E	1/3C
6	110-18-GXL18-0Z30	WIRE006	18	BK	320	15.000	5.200	SP-010	X	SPLICE		X-007	B	105-06-1062-16-0122		1/3C	1/6B
7	110-18-GXL18-0Z30	WIRE007	18	BK	320	15.000	5.200	SP-010	X	SPLICE		X-005	B	105-06-1062-16-0122		1/3C	1/6D
8	110-18-GXL18-0Z30	WIRE008	18	BK	320	15.000	5.200	SP-010	X	SPLICE		X-006	B	105-06-1062-16-0122		1/3C	1/5E
9	110-18-GXL18-0Z30	WIRE009	18	BK	320	15.000	5.200	SP-010	X	SPLICE		X-003	2	105-06-1062-16-0122		1/3C	1/6A
10	110-18-GXL18-4	WIRE010	18	YE	930	5.200	5.200	X-001	7	105-06-1062-16-0122		X-002	1	105-06-1062-16-0122		1/2C	1/6C
11	110-18-GXL-1Z30	WIRE011	18	RD	320	15.000	5.200	SP-001	X	SPLICE		X-007	A	105-06-1062-16-0122		1/3C	1/6B
12	110-18-GXL-1Z30	WIRE012	18	RD	320	15.000	5.200	SP-001	X	SPLICE		X-005	A	105-06-1062-16-0122		1/3C	1/6D
13	110-18-GXL-1Z30	WIRE013	18	RD	320	15.000	5.200	SP-001	X	SPLICE		X-006	A	105-06-1062-16-0122		1/3C	1/5E
14	110-18-GXL-5	WIRE014	18	OR	930	5.200	5.200	X-001	5	105-06-1062-16-0122		X-003	1	105-06-1062-16-0122		1/2C	1/6A
15	110-18-GXL-7	WIRE015	18	VT	930	5.200	5.200	X-001	4	105-06-1062-16-0122		X-007	C	105-06-1062-16-0122		1/2C	1/6B
16	110-18-GXL-9	WIRE016	18	WH	930	5.200	5.200	X-001	9	105-06-1062-16-0122		X-004	1	105-06-1062-16-0122		1/2C	1/6E
17	110-18-GXL-9-S2Z22	WIRE017	18	WH GN	930	5.200	5.200	X-001	8	105-06-1062-16-0122		X-006	C	105-06-1062-16-0122		1/2C	1/5E
18	110-18-GXL-Z9S3	WIRE018	18	WH BL	930	5.200	5.200	X-001	6	105-06-1062-16-0122		X-005	C	105-06-1062-16-0122		1/2C	1/6D



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3 Section Final Harness
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 Dirk Ricker

REV
 A-01
 DRAWN BY
 mfritz
 MODIFIED DATE
 2023-08-31

DRAWN DATE
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 SHEET
 3 OF 3
 UNITS
 mm
 SIZE
 B