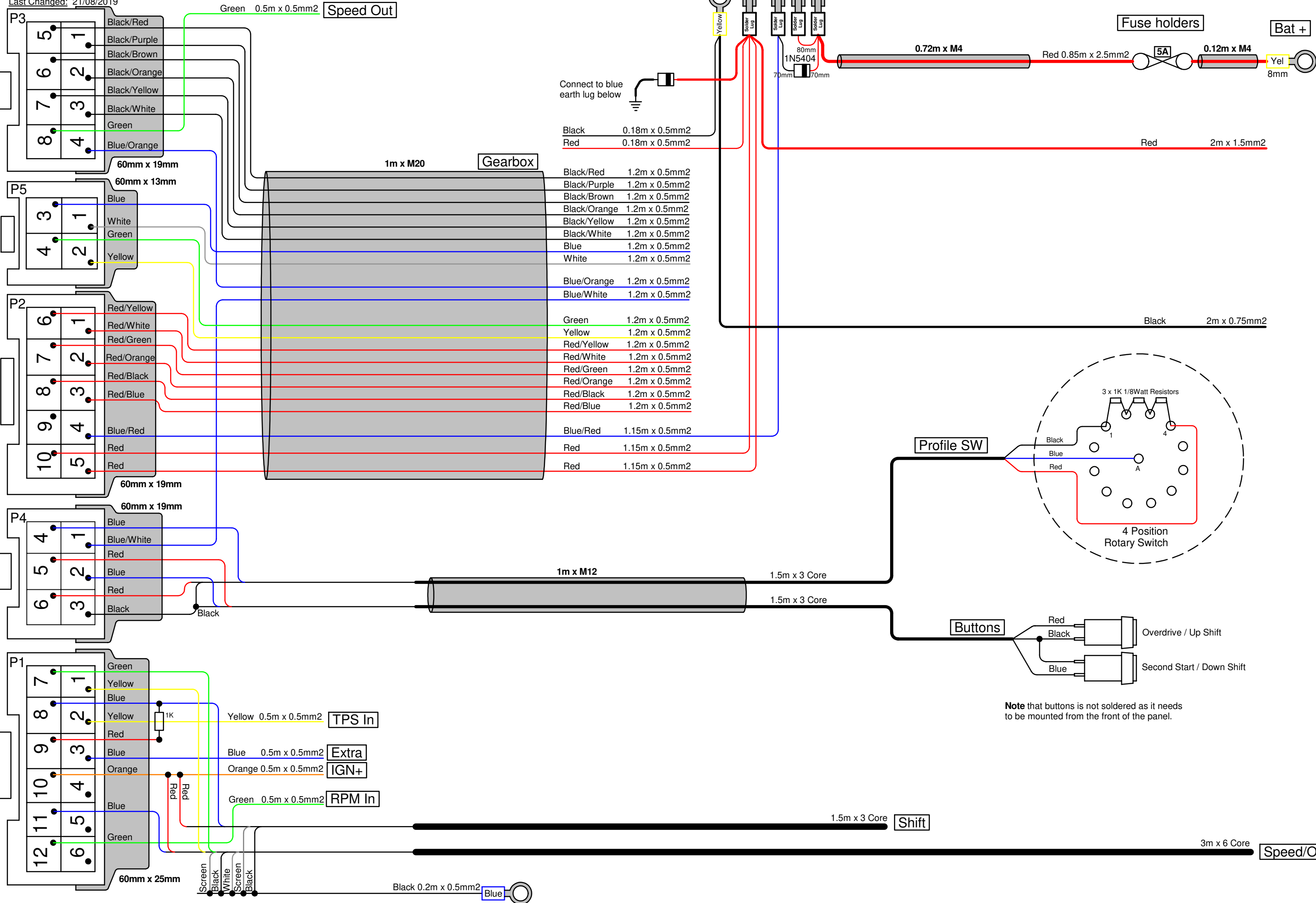


MTWX02-2 Harness

Last Changed: 21/08/2019



Connect to blue earth lug below

Black 0.18m x 0.5mm²
Red 0.18m x 0.5mm²

Black/Red 1.2m x 0.5mm²
Black/Purple 1.2m x 0.5mm²
Black/Brown 1.2m x 0.5mm²
Black/Orange 1.2m x 0.5mm²
Black/Yellow 1.2m x 0.5mm²
Black/White 1.2m x 0.5mm²
Blue 1.2m x 0.5mm²
White 1.2m x 0.5mm²

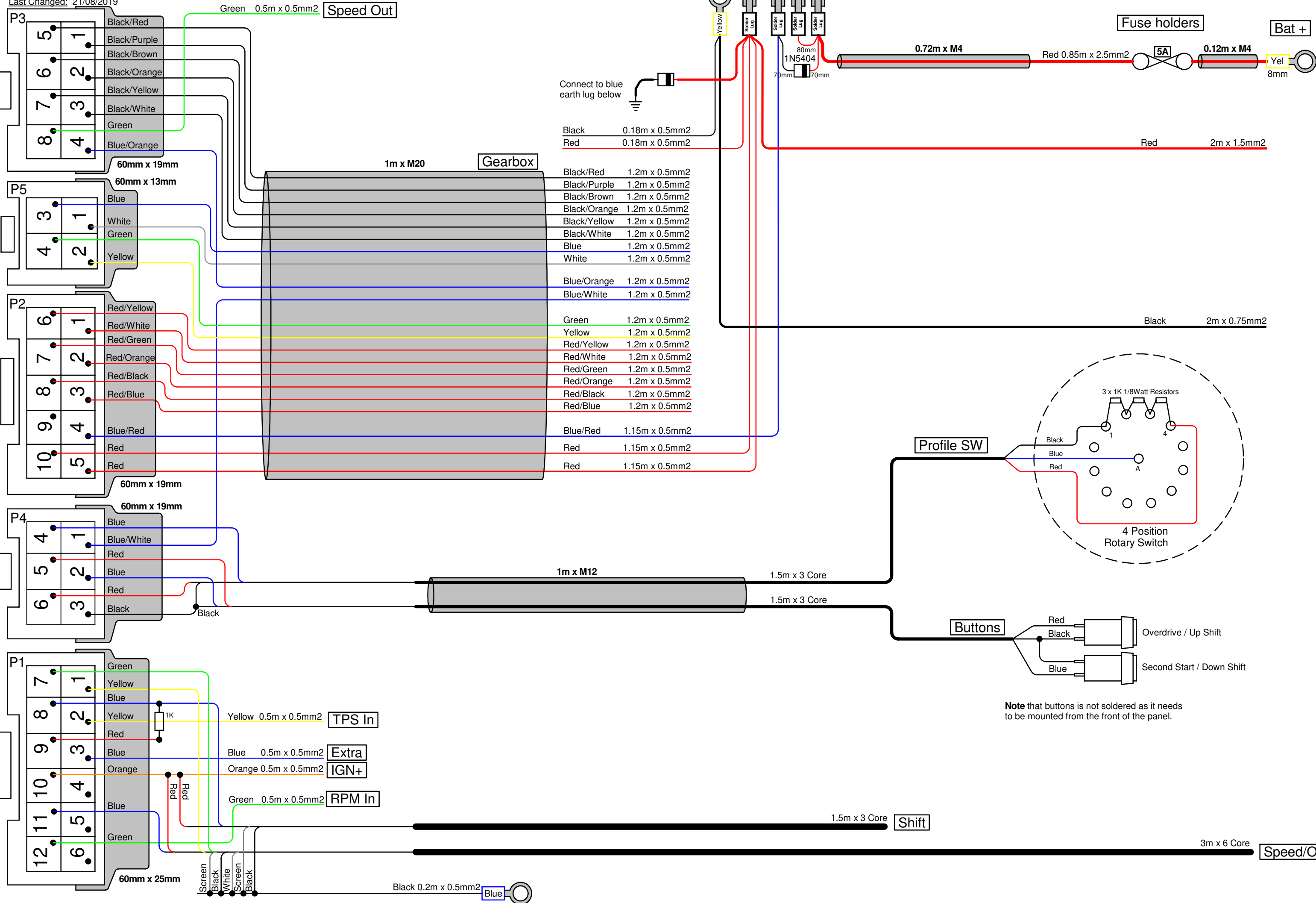
Green 1.2m x 0.5mm²
Yellow 1.2m x 0.5mm²
Red/Yellow 1.2m x 0.5mm²
Red/White 1.2m x 0.5mm²
Red/Green 1.2m x 0.5mm²
Red/Orange 1.2m x 0.5mm²
Red/Black 1.2m x 0.5mm²
Red/Blue 1.2m x 0.5mm²

Blue/Red 1.15m x 0.5mm²
Red 1.15m x 0.5mm²
Red 1.15m x 0.5mm²

Note that buttons is not soldered as it needs to be mounted from the front of the panel.

MTWX02-2 Harness

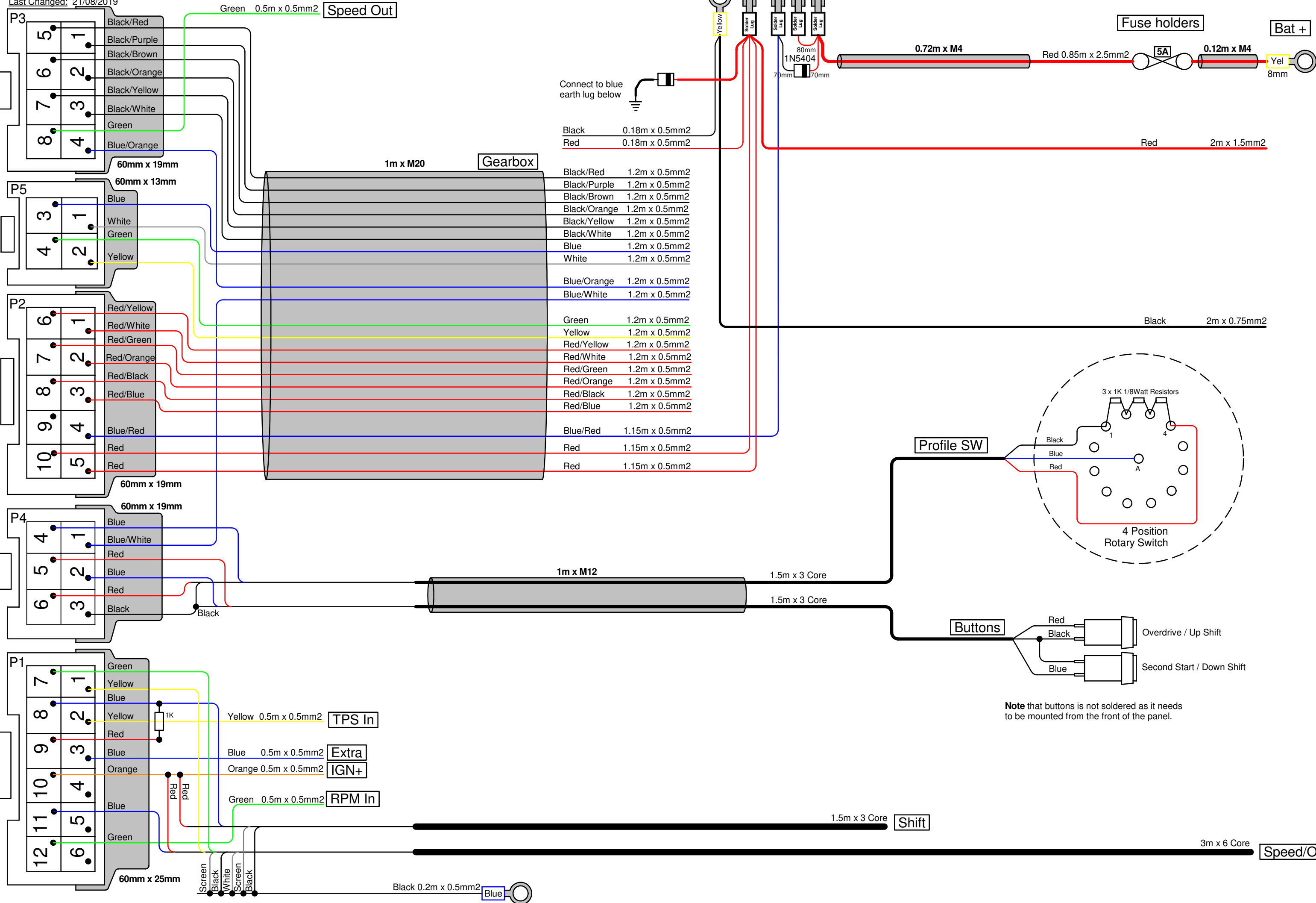
Last Changed: 21/08/2019



Note that buttons is not soldered as it needs to be mounted from the front of the panel.

MTWX02-2 Harness

Last Changed: 21/08/2019



Note that buttons is not soldered as it needs to be mounted from the front of the panel.

MTWX01/2 Harness Layout

File Name: MTWX01/2 Harness

Last Changed: 21/04/2017

MTWX01/2 Harness Layout

File Name: MTWX01/2 Harness

Last Changed: 21/04/2017

MTWX01/2 Harness Layout

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MTWX01/2 Harness Layout

File Name: MTWX01/2 Harness

Last Changed: 21/04/2017

MTWX01/2 Harness Layout

File Name: MTWX01/2 Harness

Last Changed: 21/04/2017

MTWX01/2 Harness BOM

File Name: MTWX01/2 Harness

Last Changed: 15/05/2017

Connector	Quantity
4Way Female	1
6Way Female	1
8Way Female	1
10Way Female	1
12Way Female	1

Pins	Quantity
Female	34

Lugs	Quantity
Blue Ring	1
Yellow Ring	2
6.3 Female Twin Grip Solder Lug	4

Other	Quantity
Fuse Holder Inline	1
Fuse 5A	1
Relay	1
1N5404 Diode	1
1K 1/8Watt Resistor	4
Profile Switch	1
Buttons	2

Wires	Length	
Black 0.5mm2	1x 0.2	M
	1x 0.18	M
	1x 0.07	M
Black 0.75mm2	1x 2	M
Red 0.5mm2	2x 1.15	M
	1x 0.18	M
	1x 0.08	M
	1x 0.07	M
Red 0.75mm2	1x 2	M
Red 2.5mm2	1x 0.85	M
Blue 0.5mm2	1x 1.2	M
Orange 0.5mm2	1x 0.5	M
White 0.5mm2	1x 1.2	M
Yellow 0.5mm2	1x 1.2	M
	1x 0.5	M
Green 0.5mm2	1x 1.2	M
	2x 0.5	M
Black/Red 0.5mm2	1x 1.2	M
Black/Orange 0.5mm2	1x 1.2	M
Black/Yellow 0.5mm2	1x 1.2	M
Black/White 0.5mm2	1x 1.2	M
Black/Brown 0.5mm2	1x 1.2	M
Black/Purple 0.5mm2	1x 1.2	M
Red/White 0.5mm2	1x 1.2	M
Red/Yellow 0.5mm2	1x 1.2	M
Red/Black 0.5mm2	1x 1.2	M
Red/Green 0.5mm2	1x 1.2	M
Red/Blue 0.5mm2	1x 1.2	M
Red/Orange 0.5mm2	1x 1.2	M
Blue/Orange 0.5mm2	1x 1.2	M
Blue/White 0.5mm2	1x 1.2	M
Blue/Red 0.5mm2	1x 1.15	M

Cables	Length	
3 Core	3x 1.5	M
6 Core	1x 3	M

Sleeve	Length	
M20 PVC Black	1x 1	M
M12 PVC Black	1x 1	M
M4 PVC Black	1x 0.72	M
	1x 0.12	M

Heatsrink	Length	
25mm	1x 0.06	M
19mm	3x 0.06	M
12mm	1x 0.06	M

MTWX01/2 Harness BOM

File Name: MTWX01/2 Harness

Last Changed: 15/05/2017

Connector	Quantity
4Way Female	1
6Way Female	1
8Way Female	1
10Way Female	1
12Way Female	1

Pins	Quantity
Female	34

Lugs	Quantity
Blue Ring	1
Yellow Ring	2
6.3 Female Twin Grip Solder Lug	4

Other	Quantity
Fuse Holder Inline	1
Fuse 5A	1
Relay	1
1N5404 Diode	1
1K 1/8Watt Resistor	4
Profile Switch	1
Buttons	2

Wires	Length	Quantity	Material
Black 0.5mm2	0.2	1x	M
	0.18	1x	M
	0.07	1x	M
Black 0.75mm2	2	1x	M
Red 0.5mm2	1.15	2x	M
	0.18	1x	M
	0.08	1x	M
	0.07	1x	M
Red 0.75mm2	2	1x	M
Red 2.5mm2	0.85	1x	M
Blue 0.5mm2	1.2	1x	M
Orange 0.5mm2	0.5	1x	M
White 0.5mm2	1.2	1x	M
Yellow 0.5mm2	1.2	1x	M
	0.5	1x	M
Green 0.5mm2	1.2	1x	M
	0.5	2x	M
Black/Red 0.5mm2	1.2	1x	M
Black/Orange 0.5mm2	1.2	1x	M
Black/Yellow 0.5mm2	1.2	1x	M
Black/White 0.5mm2	1.2	1x	M
Black/Brown 0.5mm2	1.2	1x	M
Black/Purple 0.5mm2	1.2	1x	M
Red/White 0.5mm2	1.2	1x	M
Red/Yellow 0.5mm2	1.2	1x	M
Red/Black 0.5mm2	1.2	1x	M
Red/Green 0.5mm2	1.2	1x	M
Red/Blue 0.5mm2	1.2	1x	M
Red/Orange 0.5mm2	1.2	1x	M
Blue/Orange 0.5mm2	1.2	1x	M
Blue/White 0.5mm2	1.2	1x	M
Blue/Red 0.5mm2	1.15	1x	M

Cables	Length	Quantity	Material
3 Core	1.5	3x	M
6 Core	3	1x	M

Sleeve	Length	Quantity	Material
M20 PVC Black	1	1x	M
M12 PVC Black	1	1x	M
M4 PVC Black	0.72	1x	M
	0.12	1x	M

Heatsink	Length	Quantity	Material
25mm	0.06	1x	M
19mm	0.06	3x	M
12mm	0.06	1x	M

MTWX01/2 Harness BOM

File Name: MTWX01/2 Harness

Last Changed: 15/05/2017

Connector	Quantity
4Way Female	1
6Way Female	1
8Way Female	1
10Way Female	1
12Way Female	1

Pins	Quantity
Female	34

Lugs	Quantity
Blue Ring	1
Yellow Ring	2
6.3 Female Twin Grip Solder Lug	4

Other	Quantity
Fuse Holder Inline	1
Fuse 5A	1
Relay	1
1N5404 Diode	1
1K 1/8Watt Resistor	4
Profile Switch	1
Buttons	2

Wires	Length	Quantity	Material
Black 0.5mm2	0.2	1x	M
	0.18	1x	M
	0.07	1x	M
Black 0.75mm2	2	1x	M
Red 0.5mm2	1.15	2x	M
	0.18	1x	M
	0.08	1x	M
	0.07	1x	M
Red 0.75mm2	2	1x	M
Red 2.5mm2	0.85	1x	M
Blue 0.5mm2	1.2	1x	M
Orange 0.5mm2	0.5	1x	M
White 0.5mm2	1.2	1x	M
Yellow 0.5mm2	1.2	1x	M
	0.5	1x	M
Green 0.5mm2	1.2	1x	M
	0.5	2x	M
Black/Red 0.5mm2	1.2	1x	M
Black/Orange 0.5mm2	1.2	1x	M
Black/Yellow 0.5mm2	1.2	1x	M
Black/White 0.5mm2	1.2	1x	M
Black/Brown 0.5mm2	1.2	1x	M
Black/Purple 0.5mm2	1.2	1x	M
Red/White 0.5mm2	1.2	1x	M
Red/Yellow 0.5mm2	1.2	1x	M
Red/Black 0.5mm2	1.2	1x	M
Red/Green 0.5mm2	1.2	1x	M
Red/Blue 0.5mm2	1.2	1x	M
Red/Orange 0.5mm2	1.2	1x	M
Blue/Orange 0.5mm2	1.2	1x	M
Blue/White 0.5mm2	1.2	1x	M
Blue/Red 0.5mm2	1.15	1x	M

Cables	Length	Quantity	Material
3 Core	1.5	3x	M
6 Core	3	1x	M

Sleeve	Length	Quantity	Material
M20 PVC Black	1	1x	M
M12 PVC Black	1	1x	M
M4 PVC Black	0.72	1x	M
	0.12	1x	M

Heatsrink	Length	Quantity	Material
25mm	0.06	1x	M
19mm	0.06	3x	M
12mm	0.06	1x	M

MTWX01/2 Harness BOM

File Name: MTWX01/2 Harness

Last Changed: 15/05/2017

Connector	Quantity
4Way Female	1
6Way Female	1
8Way Female	1
10Way Female	1
12Way Female	1

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Female	34

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Blue Ring	1
Yellow Ring	2
6.3 Female Twin Grip Solder Lug	4

Other	Quantity
Fuse Holder Inline	1
Fuse 5A	1
Relay	1
1N5404 Diode	1
1K 1/8Watt Resistor	4
Profile Switch	1
Buttons	2

Wires	Length	
Black 0.5mm2	1x	0.2 M
	1x	0.18 M
	1x	0.07 M
Black 0.75mm2	1x	2 M
Red 0.5mm2	2x	1.15 M
	1x	0.18 M
	1x	0.08 M
	1x	0.07 M
Red 0.75mm2	1x	2 M
Red 2.5mm2	1x	0.85 M
Blue 0.5mm2	1x	1.2 M
Orange 0.5mm2	1x	0.5 M
White 0.5mm2	1x	1.2 M
Yellow 0.5mm2	1x	1.2 M
	1x	0.5 M
Green 0.5mm2	1x	1.2 M
	2x	0.5 M
Black/Red 0.5mm2	1x	1.2 M
Black/Orange 0.5mm2	1x	1.2 M
Black/Yellow 0.5mm2	1x	1.2 M
Black/White 0.5mm2	1x	1.2 M
Black/Brown 0.5mm2	1x	1.2 M
Black/Purple 0.5mm2	1x	1.2 M
Red/White 0.5mm2	1x	1.2 M
Red/Yellow 0.5mm2	1x	1.2 M
Red/Black 0.5mm2	1x	1.2 M
Red/Green 0.5mm2	1x	1.2 M
Red/Blue 0.5mm2	1x	1.2 M
Red/Orange 0.5mm2	1x	1.2 M
Blue/Orange 0.5mm2	1x	1.2 M
Blue/White 0.5mm2	1x	1.2 M
Blue/Red 0.5mm2	1x	1.15 M

Cables	Length	
3 Core	3x	1.5 M
6 Core	1x	3 M

Sleeve	Length	
M20 PVC Black	1x	1 M
M12 PVC Black	1x	1 M
M4 PVC Black	1x	0.72 M
	1x	0.12 M

Heatsrink	Length	
25mm	1x	0.06 M
19mm	3x	0.06 M
12mm	1x	0.06 M

MTWX01/2 Harness BOM

File Name: MTWX01/2 Harness

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Connector	Quantity
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10Way Female	1
12Way Female	1

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Relay	1
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Buttons	2

Wires	Length	Quantity	Material
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	0.07	1x	M
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Red 0.5mm2	1.15	2x	M
	0.18	1x	M
	0.08	1x	M
	0.07	1x	M
Red 0.75mm2	2	1x	M
Red 2.5mm2	0.85	1x	M
Blue 0.5mm2	1.2	1x	M
Orange 0.5mm2	0.5	1x	M
White 0.5mm2	1.2	1x	M
Yellow 0.5mm2	1.2	1x	M
	0.5	1x	M
Green 0.5mm2	1.2	1x	M
	0.5	2x	M
Black/Red 0.5mm2	1.2	1x	M
Black/Orange 0.5mm2	1.2	1x	M
Black/Yellow 0.5mm2	1.2	1x	M
Black/White 0.5mm2	1.2	1x	M
Black/Brown 0.5mm2	1.2	1x	M
Black/Purple 0.5mm2	1.2	1x	M
Red/White 0.5mm2	1.2	1x	M
Red/Yellow 0.5mm2	1.2	1x	M
Red/Black 0.5mm2	1.2	1x	M
Red/Green 0.5mm2	1.2	1x	M
Red/Blue 0.5mm2	1.2	1x	M
Red/Orange 0.5mm2	1.2	1x	M
Blue/Orange 0.5mm2	1.2	1x	M
Blue/White 0.5mm2	1.2	1x	M
Blue/Red 0.5mm2	1.15	1x	M

Cables	Length	Quantity	Material
3 Core	1.5	3x	M
6 Core	3	1x	M

Sleeve	Length	Quantity	Material
M20 PVC Black	1	1x	M
M12 PVC Black	1	1x	M
M4 PVC Black	0.72	1x	M
	0.12	1x	M

Heatsrink	Length	Quantity	Material
25mm	0.06	1x	M
19mm	0.06	3x	M
12mm	0.06	1x	M