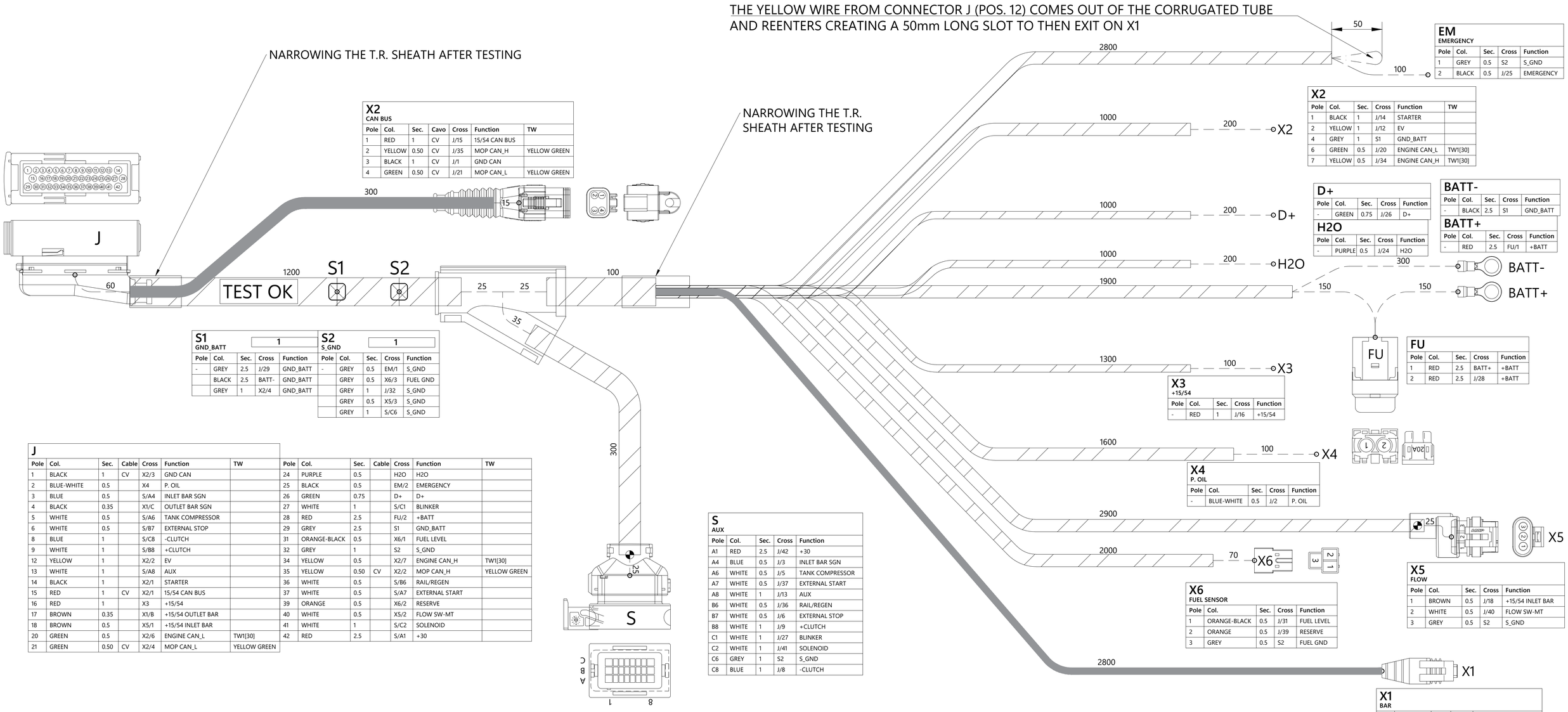

X2 CAN BUS						
Pole	Col.	Sec.	Cavo	Cross	Function	TW
1	RED	1	CV	J/15	15/54 CAN BUS	
2	YELLOW	0.50	CV	J/35	MOP CAN_H	YELLOW GREEN
3	BLACK	1	CV	J/1	GND CAN	
4	GREEN	0.50	CV	J/21	MOP CAN_L	YELLOW GREEN

EM EMERGENCY				
Pole	Col.	Sec.	Cross	Function
1	GREY	0.5	S2	S_GND
2	BLACK	0.5	J/25	EMERGENCY

X2					
Pole	Col.	Sec.	Cross	Function	TW
1	BLACK	1	J/14	STARTER	
2	YELLOW	1	J/12	EV	
4	GREY	1	S1	GND_BATT	
6	GREEN	0.5	J/20	ENGINE CAN_L	TW1[30]
7	YELLOW	0.5	J/34	ENGINE CAN_H	TW1[30]

D+				
Pole	Col.	Sec.	Cross	Function
-	GREEN	0.75	J/26	D+

H2O				
Pole	Col.	Sec.	Cross	Function
-	PURPLE	0.5	J/24	H2O

BATT-				
Pole	Col.	Sec.	Cross	Function
-	BLACK	2.5	S1	GND_BATT

BATT+				
Pole	Col.	Sec.	Cross	Function
-	RED	2.5	FU/1	+BATT

FU				
Pole	Col.	Sec.	Cross	Function
1	RED	2.5	BATT+	+BATT
2	RED	2.5	J/28	+BATT

S1 GND_BATT				
1				
Pole	Col.	Sec.	Cross	Function
-	GREY	2.5	J/29	GND_BATT
	BLACK	2.5	BATT-	GND_BATT
	GREY	1	X2/4	GND_BATT

S2 S_GND				
1				
Pole	Col.	Sec.	Cross	Function
-	GREY	0.5	EM/1	S_GND
	GREY	0.5	X6/3	FUEL GND
	GREY	1	J/32	S_GND
	GREY	0.5	X5/3	S_GND
	GREY	1	S/C6	S_GND

X3 +15/54				
Pole	Col.	Sec.	Cross	Function
-	RED	1	J/16	+15/54

X4 P. OIL				
Pole	Col.	Sec.	Cross	Function
-	BLUE-WHITE	0.5	J/2	P. OIL

X5 FLOW				
Pole	Col.	Sec.	Cross	Function
1	BROWN	0.5	J/18	+15/54 INLET BAR
2	WHITE	0.5	J/40	FLOW SW-MT
3	GREY	0.5	S2	S_GND

X6 FUEL SENSOR				
Pole	Col.	Sec.	Cross	Function
1	ORANGE-BLACK	0.5	J/31	FUEL LEVEL
2	ORANGE	0.5	J/39	RESERVE
3	GREY	0.5	S2	FUEL GND

X1 BAR				
Pole	Col.	Sec.	Cross	Function
B	BROWN	0.35	J/17	+15/54 OUTLET BAR
C	BLACK	0.35	J/4	OUTLET BAR SGN

J												
Pole	Col.	Sec.	Cable	Cross	Function	TW	Pole	Col.	Sec.	Cable	Cross	Function	TW
1	BLACK	1	CV	X2/3	GND CAN		24	PURPLE	0.5		H2O	H2O	
2	BLUE-WHITE	0.5		X4	P. OIL		25	BLACK	0.5		EM/2	EMERGENCY	
3	BLUE	0.5		S/A4	INLET BAR SGN		26	GREEN	0.75		D+	D+	
4	BLACK	0.35		X1/C	OUTLET BAR SGN		27	WHITE	1		S/C1	BLINKER	
5	WHITE	0.5		S/A6	TANK COMPRESSOR		28	RED	2.5		FU/2	+BATT	
6	WHITE	0.5		S/B7	EXTERNAL STOP		29	GREY	2.5		S1	GND_BATT	
8	BLUE	1		S/C8	-CLUTCH		31	ORANGE-BLACK	0.5		X6/1	FUEL LEVEL	
9	WHITE	1		S/B8	+CLUTCH		32	GREY	1		S2	S_GND	
12	YELLOW	1		X2/2	EV		34	YELLOW	0.5		X2/7	ENGINE CAN_H	TW1[30]
13	WHITE	1		S/A8	AUX		35	YELLOW	0.50	CV	X2/2	MOP CAN_H	YELLOW GREEN
14	BLACK	1		X2/1	STARTER		36	WHITE	0.5		S/B6	RAIL/REGEN	
15	RED	1	CV	X2/1	15/54 CAN BUS		37	WHITE	0.5		S/A7	EXTERNAL START	
16	RED	1		X3	+15/54		39	ORANGE	0.5		X6/2	RESERVE	
17	BROWN	0.35		X1/B	+15/54 OUTLET BAR		40	WHITE	0.5		X5/2	FLOW SW-MT	
18	BROWN	0.5		X5/1	+15/54 INLET BAR		41	WHITE	1		S/C2	SOLENOID	
20	GREEN	0.5		X2/6	ENGINE CAN_L	TW1[30]	42	RED	2.5		S/A1	+30	
21	GREEN	0.50	CV	X2/4	MOP CAN_L	YELLOW GREEN							

S AUX				
Pole	Col.	Sec.	Cross	Function
A1	RED	2.5	J/42	+30
A4	BLUE	0.5	J/3	INLET BAR SGN
A6	WHITE	0.5	J/5	TANK COMPRESSOR
A7	WHITE	0.5	J/37	EXTERNAL START
A8	WHITE	1	J/13	AUX
B6	WHITE	0.5	J/36	RAIL/REGEN
B7	WHITE	0.5	J/6	EXTERNAL STOP
B8	WHITE	1	J/9	+CLUTCH
C1	WHITE	1	J/27	BLINKER
C2	WHITE	1	J/41	SOLENOID
C6	GREY	1	S2	S_GND
C8	BLUE	1	J/8	-CLUTCH

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WIRING FPT5-4567