

## DB37 to Fluid Junction Box Pinout

There exists a db37 to db37 cable between the JobCom/Break-out PCB and the Fluid Junction Box

The cable does not appear to be a straight pass through

We need to know the pinout of this cable's db37 that connects to the JobCom/Break-out PCB

Unfortunately I am unable to locate such a pinout in any documentation

First I performed a simple continuity test between J1 (has a labelled pinout) and J7 on the Break-out PCB

Then I performed continuity tests between the Fluid Junction Box and the JobCom/Break-out PCB side db37

Not every Fluid Junction Box connection was tested, the process was tedious and all results were as expected

The only used connections in my Fluid Junction Box are S1 - S6, the wheel speed sensor, and the flow sensor

From this information the required DB37 pinout is obtained

Break-out PCB	Break-out PCB	Fluid Junction Box	Fluid Junction Box
J1	J7	Tested	Untested
To Spraybox II	To Fluid Junction Box		
Male pin db37	Female pin db37		
nc	1		
nc	2		
nc	3		
nc	4		
nc	5		
5: S1+	6		S1+
6: S1-	7		S1-
7: S2+	8		S2+
8: S2-	9		S2-
9: S3+	10		S3+
10: S3-	11		S3-
11: S4+	12		S4+
12: S4-	13	S4-	
14: S5+	14		S5+
15: S5-	15		S5-
16: S6+	16		S6+
17: S6-	17		S6-
18: S7+	18		S7+
19: S7-	19		S7-
nc	20		
21: On/off +	21	Bypass+	
22: On/off -	22	Bypass-	
nc	23		
nc	24		
25: End nz R	25		End nozzle R
26: End nz L	26		End nozzle L
27: Gnd	27		
28: Flow sig	28	Flow Sig	
29: +12v sens	29	All Sig +	
30: Sgnd	30	All Sig -	
31: Speed sig	31	Speed Sig	
32: RPM sig	32	Fan Speed Sig	
33: Pressure sig	33	Pressure Sig	
34: S9- / Fan Speed	34	S9-	
35: S9+ / Air angle	35		S9+
36: S8- / A	36		S8-
37: S8+ / B	37		S8+