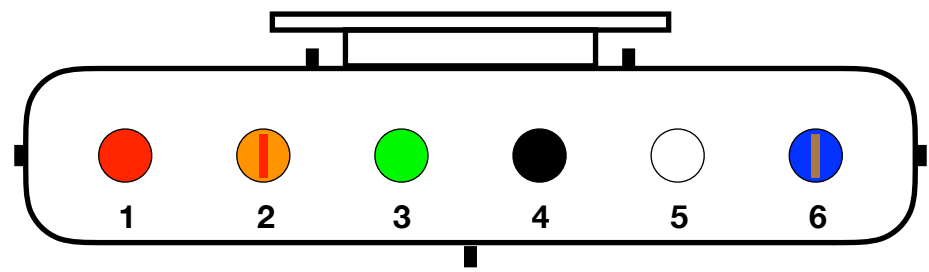


Accelerator Pedal

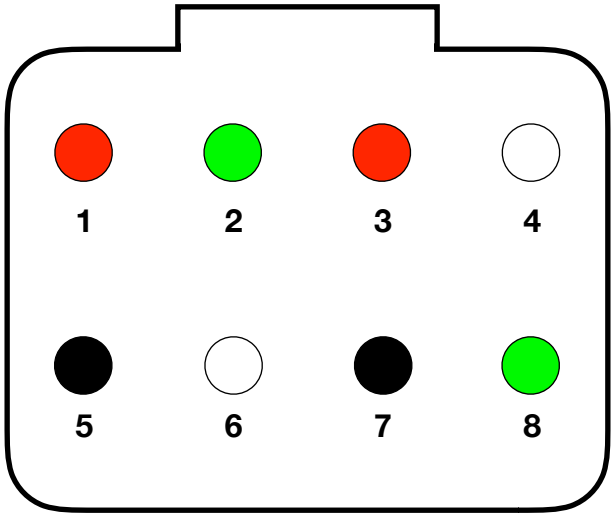


(Looking from wire entry)

Pin No	Wire Colour	Destination	Pin
1	Red	MCU	4D
2	Orange / red	MCU	4E
3	Green	MCU	3F
4	Black	MCU	3E
5	White	MCU	3D
6	Blu / brown	MCU	3C

The Accelerator Pedal connects directly to the MCU via the main header plug.

Resolver

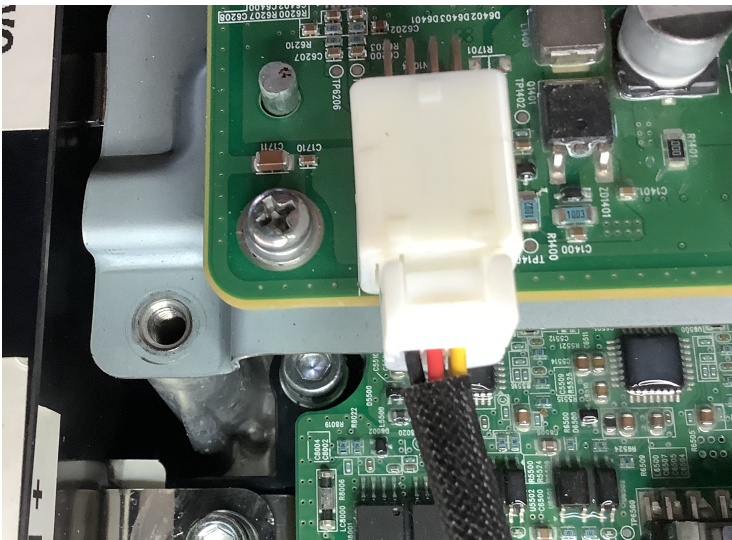
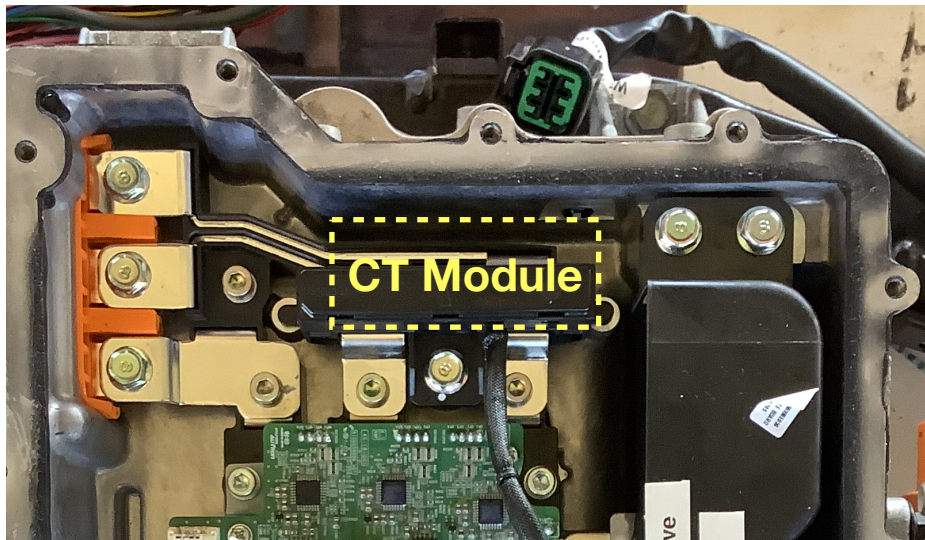


(Looking from wire entry)

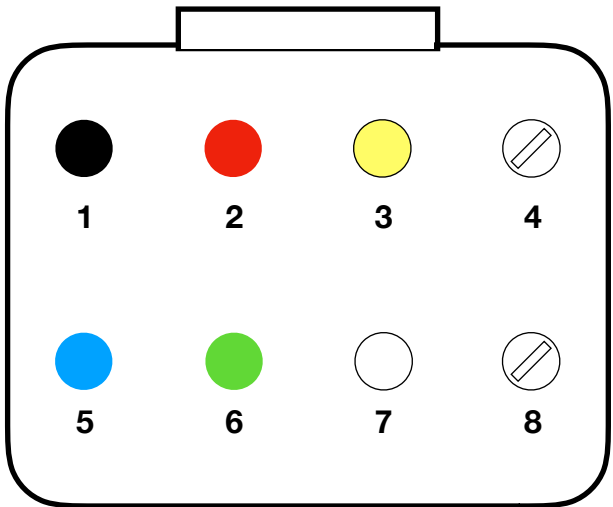
Pin No.	Wire Colour	Destination	Pin
1	Red	MCU	1B
2	Green	MCU	2D
3	Red	MCU	2C
4	White	MCU	3B
5	Black	MCU	1A
6	White	MCU	1D
7	Black	MCU	1C
8	Green	MCU	4B

The Resolver connects directly to the MCU via the main header plug.

The CT's (Current transformers)

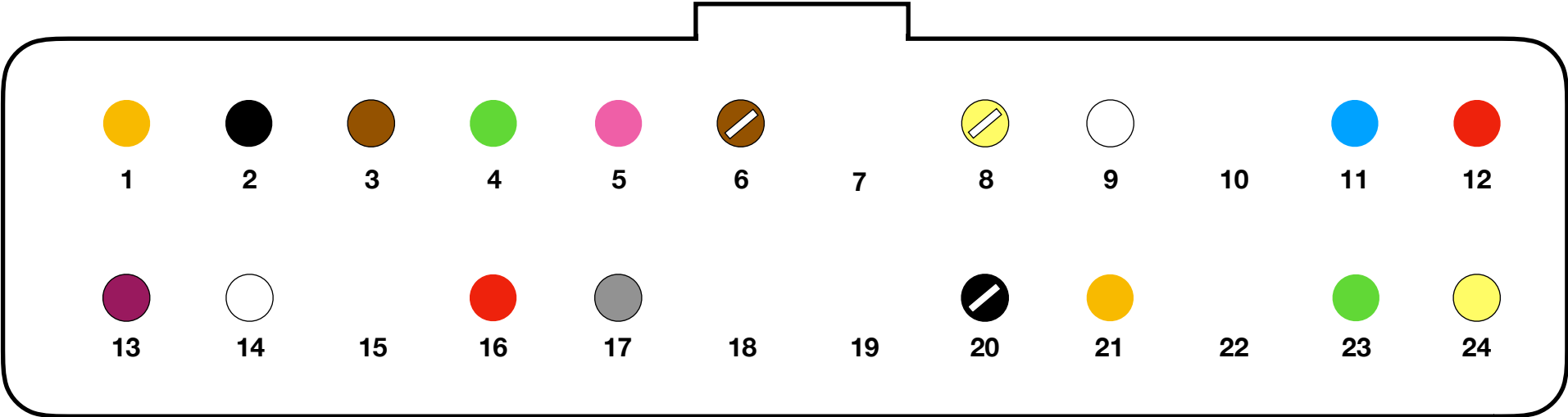


**The Current sensing CT's (2) are mounted on the busbars of U & V output phases
and connect to the Main MCU board via an 8 pin plug
Only 6 pins are used as shown below.**



Pin No	Wire Colour	Function
1	Black	Ground
2	Red	+5v supply
3	Yellow	+5v supply
4		
5	Blue	Ground
6	Green	+2.5v @ no current
7	White	+2.5v @ no current
8		

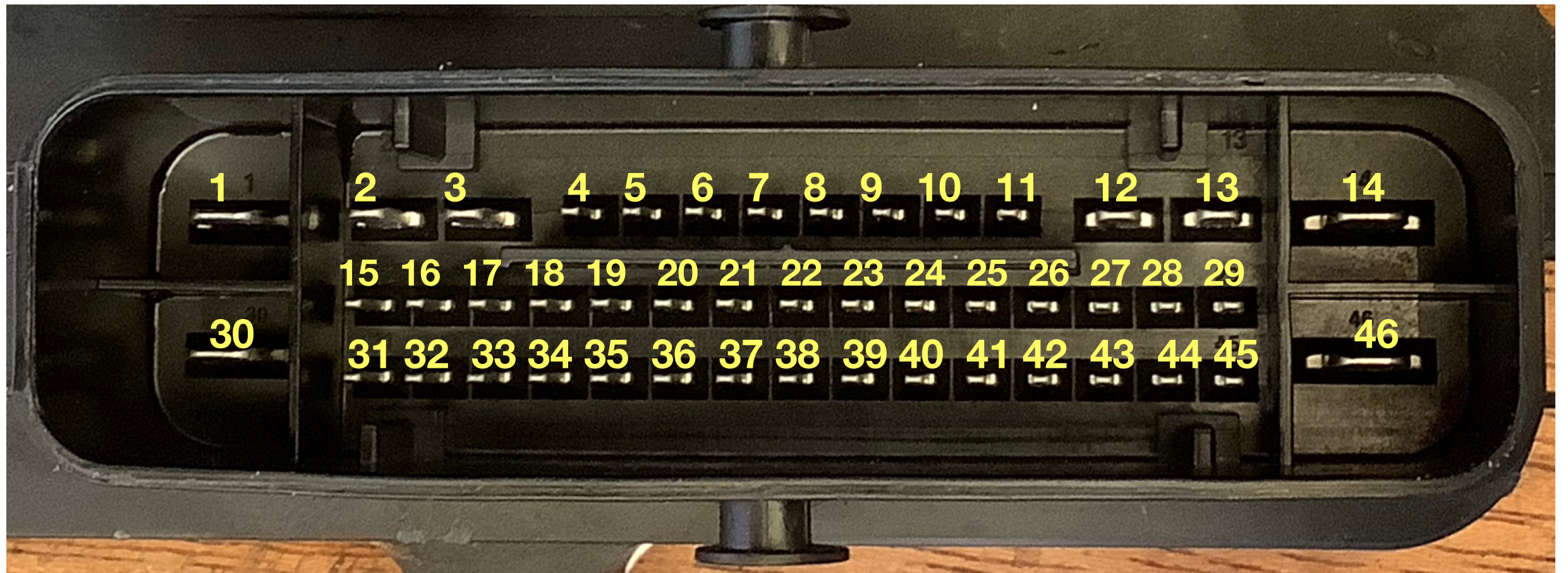
Main MCU DC-DC control Header



(Looking from wire entry)

Connection to LV DC-DC PCB					Connection to HV DC-DC PCB			
Pin No	Wire Colour	Function	Pin		Pin No	Wire Colour	Function	Pin
1	Red	LV pcb			7			
2	Green	LV pcb			8	Yellow/white		
3	Red	LV pcb			9	White		
4	White	LV pcb			10			
5	Black	LV pcb			11	Blue		
6	White	LV pcb			12	Red		
13	Purple	LV pcb			19			
14	White	LV pcb			20	Black/white		
15					21	Orange		
16	Red	LV pcb			22			
17	Grey	LV pcb			23	Green		
18					24	Yellow		

Brake control Unit header



Brake Header PINOUT

Pin No	Wire Colour	Function	Pin No	Wire Colour	Destination	Pin No	Wire Colour	Destination
1	PINK	Bat + 12v	15			30	RED	Bat + 12v
2	Red	Vac Pump +	16	Blue		31	Black	
3			17	Brown	LF Wheel sense	32		
4	Black/brown		18	Blue	RF Wheel sense	33	Orange	RB Wheel sense
5	Pink		19	Orange	Can Bridge	34	Yellow	LB Wheel sense
6	White		20	Green	Can Bridge	35		
7	Yellow		21			36	Green	
8	Black		22	Green/black		37		
9	Black/brown		23	White		38	White	
10	Green		24	Grey		39		
11	Black/brown		25			40	white	
12			26			41		
13	Green	Vac Pump -	27	Green	RB Wheel sense	42	Red	RF Wheel sense
14	BLACK	Bat - ground	28	White	LF Wheel sense	43	Black	LB Wheel sense
			29	Green		44	Blue/brown	
						45		
						46	BLACK	Bat - ground