

Connector EC36

pin		Wire color
1	TPS in	green
2	IAT/MAT in	blue
3	Cooling fan relay (M102 kit)	yellow
4	Tachometer out	green
5	GND	brown
6	INJ7	violet
7	INJ1	blue
8	INJ3	yellow
9	INJ5 (IAC M102 kit)	grey
10	IGN8 (IAC M103/M104 kit)	
11	IGN5	black
12	IGN6 (IAC M117 kit)	brown
13	Cam position sensor	grey/red
14	CLT in	yellow
15	Fuel pump relay (ground)	blue
16	P259 ch1	
17	INJ8	black
18	INJ6 (IAC M102 kit)	brown
19	INJ2	green
20	INJ4	white
21	GND	brown
22	GND	brown
23	Flyback	orange/red
24	IGN7 (IAC M117/M103 kit)	
25	ECU +12V supply	red
26	GND (sensors)	brown
27	Crank position sensor	red
28	+5V	
29	TPS +5V supply	red/orange
30	P259 ch7	
31	P259 ch6	
32	GND	brown
33	IGN2	green
34	IGN3	white
35	IGN1	yellow
36	IGN4	blue

M102 Coil on plug connector

1	ground	brown
2	ground	brown
3	+12V supply	red
4	IGN signal	

Injector connectors

1	+12V	red
2	Signal (-12V)	

Connector EC18

pin		Wire color
1		
2		
3		
4		
5		
6		
7	wbo2 pump -	violet
8		
9	wbo2 pump +	orange
10		
11		
12		
13	wbo2 nerst sig	black
14	Serial pin3	if not bluetooth
15	Serial pin2	if not bluetooth
16		
17		
18	wbo2 heater	grey

WBO2 connector

1	wbo2 nerst sig	black
2	blank	
3	+12V supply	red
4	wbo2 heater	grey
5	wbo2 pump -	violet
6	wbo2 pump +	orange

TPS connector

1	Signal	green
2	+5v supply	yellow
3	ground	black

CAM connector

1	+5v supply	yellow
2	Signal	grey
3	Ground	black

Ignition coil M102/M117

1	IGN1 / IGN3 (coil1)	Yellow / white
2	+12V supply	red
3	IGN2 / IGN4 (coil2)	Green / blue

Ignition coil M103/M104

1	IGN3	white
2	IGN2	green
3	IGN1	yellow
4	+12V supply	red