

ECU pinout

Ford EEC-IV „DESK“ ECU pinout

Wire colours from Ford Mondeo 2.0 1993

Pin	Colour		Code	Comment	Colours according to Haynes
1	or/ye		+VCC	Unswitched +12V	OG/YE
2					-
3	wh/vi		VSS	Speed sensor	WH/VT or WH/BU
4	wh/bk			Tachometer	WH/BK or WH/GN
5					-
6					-
7	wh/gn		ECT	Engine coolant temp sensor	WH/GN
8	vt/bk			Fuel pump power +	VT/BK
9	bn/bu		MAF1	Mass airflow sensor	BN/BU
10	vt/bu			Air conditioning	VT/BU
11	bk/og			canister purge solenoid	BK/OG
12					-
13	bk/ Bu			Radiator fan relay	BK/BU
14	bk/bu			Pulse air solenoid valve	BK/BU
15					-
16	bk/bu		-VCC	Battery negative	BK/BU
17	bk/gn		STO	Self-test output	BK/GN
18	wh/bu		DIAG1	Diagnostic connector	WH/BU
19	bn/bu		DIAG2	Diagnostic connector	BN/BU
20	bk/bn		GND	Ground	BK/RD
21	bk/ye			Idle speed control valve	BK/YE
22	bk/bu			Fuel pump relay	BK/BU
23					-
24	wh/vi		CMP	Camshaft position sensor	WH/VT
25	wh/vi		IAT	Intake air temp	WH/VT
26	ye			Sensor comon power	YE
27	wh/bu		EGP	EGR pressure differential sensor	WH/BU
28	wh			Power steering switch	WH
29					-
30					-
31	bk/wh			Dual pressure sw AC	BK/WH
32					-
33	bk/og		EGR	EGR solenoid	BK
34	wh			Trip computer	WH
35	bk/og			Injector 4	BK/OG
36					-
37	gn/ye		+VCC	Switched power (same as 57)	GN/YE
38					-
39	bk/bu			Injector 3	BK/BU
40	bk/ye		-VCC	Battery negative	BK/YE
41					-
42	wh/bk			Octane adjustment	WH/BK or BK/BU
43					-
44	wh		EGO	Oxygen sensor	WH
45					-
46	bn			Common sensor ground	BN
47	wh		TPS	Throttle position	WH
48	wh/gn		STI	Self-test input	WH/GN
49					-
50	wh/bu		MAF2	Mass airflow sensor	WH/BU
51	bk/wh			Injector 1	BK/YE or BK/WH
52	bk/ye			Injector 2	BK/BU or BK/YE
53					-
54	bk/ye			Air conditioning	BK/YE
55	bn		CKP	Crank position	BK/OG or BN/RD
56	wh/ora		CKP	Crank position	WH/BK or WH/RD
57	gn/ye		+VCC	Switched power (same as 37)	GN/YE
58	bn/bu			Spark 1 and 4	BK/WH or BN/BU
59	bn/gn			Spark 2 and 3	BN/GN or BK/YE or BN/BU
60	bk/ye		-VCC	Battery negative	BK/YE

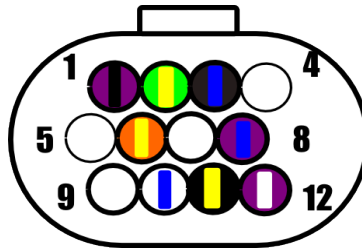
Loom plugs

On this page are the pinouts of the three plugs connecting the engine loom with the body loom on the 1993 Ford Mondeo 2.0

Black female plug

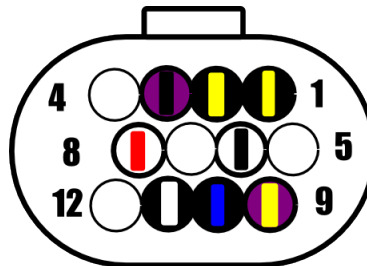
(view from the side of the wires)

Nr	Colour	ECU pin	Comment
1	VT/BK	-	To plug with pin 12
2	GN/YE	-	Alternator
3	BK/BU	22	
4	-		
5	-		
6	OG/YE	1	Unswitched +
7	WH	34	Trip computer
8	VT/BU	10	Aircon
9	WH		Oil level sender
10	WH/BU	3	Speed sensor
11	BK/YE		To plug 3 pin 5
12	VT/WH	-	To plug with pin 1



Black Male plug

Nr	Colour	ECU pin	Comment
1	BK/YE	16, 60	Battery -
2	BK/YE	40	Battery -
3	VT/BK	8	Fuel pump power +
4	-		
5	-		
6	WH/BK	4	Tachometer signal
7	-		
8	WH/RD		Coolant temp sender
9	VT/YE		EGO heating +
10	BK/BU	13	Radiator fan relay
11	BK/WH	31	A/C radiator fan relay
12	-		



Grey male plug

Nr	Colour	ECU pin	Comment
1	-		
2	VT		Coil +
3	-		
4	-		
5	BK/YE		To plug 1 pin 11
6	BK/GN		Oil pressure switch
7	BK/YE	54	A/C
8	BK/OG	11	Canister purge solen.
9	-		
10	GN/BU	37, 57	Switched power +
11	-		
12	-		

