

0	SFI to OBD1	(AIT edition) by Ilya Serb <a href="http://www.EJ9.ru">www.EJ9.ru</a>	COLOR	OBD1
1	SFI			
2	A1	INJ14 1 and 4 injectors control	Brown-Yellow	A1
3	A2	INJ23 2 and 3 injectors control	Red-Blue	A3
4	A3	NONE NONE	NONE	NONE
5	A4	FLR Fuel relay	Green-Yellow	A7
6	A5	PCS the small black cylindric valve on the back of the IM	Red	A20
7	A6	IACV-N Idle air control valve ground (RACV)	Orange	dont
8	A7	IACV-P Idle air control valve control (RACV)	Black-Blue	A9
9	A8*	LCB Control B solenoid (lock)	Green-Black	A17* ATgearbox
10	A9*	LCA Control A solenoid (lock)	Yellow	A19* ATgearbox
11	A10	STS Starter switch	Blue-Orange	B9
12	A11	PSP-SW Power steering switch	Green	B8
13	A12	IGP1 Battery feed, only active when key is turned ECM (+12V)	Yellow-Black	B1
14	A13	IGP2 Battery feed, only active when key is turned ECM (+12V)	Yellow-Black	A25
15	A14	PG2 Ground for battery circuit ECM (+12V )	Black	A23
16	A15	PG1 Ground for battery circuit ECM	Black	A24
17	A16	BK-SW Brake switch, for control purposes	Green-White	D2
18	A17	FAN C control fan	Green	A12 i don't install
19	A18	ALT C control alternator	White-Green	A16 i don't install
20	A19	MIL Lamp CheckEngine on board	Green-Orange	A13
21	A20	ACC A/C relay	Black-Red	A15
22	A21	IG-PLS Ignition pulses	Yellow-Green	A21
23	A22*	ATP-NP Определение переключения КПП	Light Green	B7* ATgearbox
24	A23	ACS A/C switch (button on board?)	Blue-Red	B5
25	A24	TXDIRXD Diagnostic connector aka K-Line	Light Blue	D7
26	A25	LG2 Ground for battery circuit ECM	Brown-Black	B2
27	A26	LG1 Ground for battery circuit ECM	Brown-Black	A26
28				NONE
29	D1	VBU Back up battery feed, always active, for memory and clock	White-Blue	D1
30	D2	VSS Vehicle speed sensor	Blue-White	B10
31	D3	IMO Checks IMO code of the key, and enable FLR (A4)	Red	dont?
32	D4	TDC Sensor Top dead center, plus	Orange-Blue	B13
33	D5*	ATP D3 Mode ATgearBox D3	Pink	B3* ATgearbox
34	D6	TPS Throttle position signal	Red-Black	D11
35	D7	MAP Manifold absolute pressure	Red-Green	D17
36	D8	IAT Intake air temperature in IM	Red-Yellow	D15
37	D9	ECT Engine coolant temperature	Red-White	D13
38	D10	SG1 Ground for 5V circuit, is for the MAP (+5v)	Green-White	D21
39	D11	VCC1 5V feed is for the MAP sensor (+5v)	Yellow-Red	D19
40	D12	NONE NONE	NONE	NONE
41	D13	SCS Service connector switch	Brown	D4
42	D14	NONE NONE	NONE	NONE
43	D15	IGR Engine speed (RPM)	Blue-Orange	tachometer on board
44	D16*	ATP-D4 Mode ATgearBox D4	Yellow	B4* ATgearbox
45	D17	ELIMA(ELD) Electric Load Detection	Green-Red	D10 i don't install
46	D18	ALT-F Alternator switch, signal	White-Red	D9
47	D19	NONE NONE	NONE	NONE
48	D20	O2S Oxygen sensor (lambda sensor) signal	White-Blue	D14
49	D21	SG2 Ground for 5V circuit, for all other sensor (+5v)	Green-Black	D22
50	D22	VCC2 5V feed is for the other sensors (+5v)	Yellow-Blue	D20
51				
52				
53		<b>Needs, extra wires</b>		
54	INJ4	Injector 4		A2
55	INJ3	Injector3		A5
56	VTS	switch VTEC (ChekEngine 21)		A4
57	P02h	heater o2sensor (ChekEngine 41)		<b>A6 if u have</b>
58	CYP P	position cylinder plus		B11
59	CYP M	position cylinder minus		B12
60	TDC M	Sensor Top dead center minus		B14
61	CKP P	position crankshaft plus		B15
62	CKP M	position crankshaft minus		B16
63	VTPS/VTM	sensor oil pressure (ChekEngine 22)		D6
64				
65		<b>don't need or u haven't</b>		
66	EGR			A11
67	Knock Sensor			D3
68	TCM			A18
69		A8 A10 A11 A12 A14 A16 A18 A22		
70		B6		
71		D3 D5 D8 D10 D12 D16 D18		
72		always none		
73		not present on all ECU's		
74		always present		
75		when u finish u must have only one ChekEngine 41		
76		If u have ELD check error, check wires for shortcut circuit		