

Connector 1 (8pin)	MB Abbreviation	Use	Where to connect
1	87D2	12V	Battery with 10A fuse
4	31	Ground	Directly to battery or chassis ground
5	31	Ground	Directly to battery or chassis ground
6	31	Ground	Directly to battery or chassis ground
7	87D1	12V	Battery with 25A fuse
8	87D1	12V	Battery with 25A fuse

Connector 2 (24pin)	MB Abbreviation	Use	Where to connect
11	CAN H	Can HIGH	Canbus
12	CAN L	Can LOW	Canbus
13	15U	Ignition 12v	Ignition lock
23		Heater booster switch	

Connector 3 (52pin)	MB Abbreviation	Use	Where to connect
5	PWG1-2	Throttle	Pin1
8	PWG0-2	Throttle	Pin3
9	PWG2-1	Throttle	Pin4
10	PWG1-1	Throttle	Pin5
23	PWG1-0	Throttle	Pin6
25	GZS	Glow relay PWM	Pin2
28	DIA	Data link	OBD2 port pin7
40	TNA	Data link RPM	OBD2 port pin3
49		Heater booster control	Pin 2
35	VWG-1	Boost pressure control valve +	Pin2
48	VWG-0	Boost pressure control valve -	Pin1
37	ARS-1	EGR control valve +	Pin2
50	ARS-0	EGR control valve -	Pin1
46	HRL	ECU main power relay ground	Relay Pin85
30	ANR-1	Starter relay 12v	Relay Pin86
43	ANR-0	Starter relay ground	Relay Pin85

Connector 4 (40pin)	MB Abbreviation	Use	Where to connect
1		MAF	Pin4
11		MAF	Pin2
24		MAF	Pin5
34		MAF	Pin3
2	NW -	Camshaft sensor ground	Pin1
3	NW S	Camshaft sensor signal	Pin2
12	NW +	Camshaft sensor 5v	Pin3
4	RD -	Rail pressure sensor ground	Pin1
13	RD +	Rail pressure sensor 5v	Pin3
14	RD S	Rail pressure sensor signal	Pin2
6	SDF0	Boost pressure sensor signal	Pin2
7	SDF1	Boost pressure sensor ground	Pin1
8	SDF2	Boost pressure sensor 5v	Pin3
21	RDR -	Rail pressure valve ground	Pin1
31	RDR +	Rail pressure valve 12v	Pin2
25	EAB +	Electric cut-off valve 12v	Pin2
35	EAB -	Electric cut-off valve ground	Pin1
26	KW +	Crankshaft sensor	Pin1
37	KW -	Crankshaft sensor	Pin2
22	M55	Intake flaps motor 12v	Pin2
33	M55	Intake flaps motor signal	Pin3
23	LT +	Boost temperature sensor signal	Pin2
27	LT -	Boost temperature sensor ground	Pin1
27	WT -	Coolant temperature sensor ground	Pin1
36	WT +	Coolant temperature sensor signal	Pin2

Connector 5 (9pin) Pin	MB Abbreviation	Use	Where to connect
OM613 INJECTORS			
4	Y1	Injector1 ground	Pin2
5	Y1	Injector1 voltage	Pin1
4	Y2	Injector2 ground	Pin2
7	Y2	Injector2 voltage	Pin1
4	Y3	Injector3 ground	Pin2
8	Y3	Injector3 voltage	Pin1
1	Y4	Injector4 ground	Pin2
6	Y4	Injector4 voltage	Pin1
1	Y5	Injector5 ground	Pin2
9	Y5	Injector5 voltage	Pin1
1	Y6	Injector6 ground	Pin2
3	Y6	Injector6 voltage	Pin1
OM612 INJECTORS			
2	Y1	Injector1 ground	Pin2
9	Y1	Injector1 voltage	Pin1
4	Y2	Injector2 ground	Pin2
5	Y2	Injector2 voltage	Pin1
2	Y3	Injector3 ground	Pin2
8	Y3	Injector3 voltage	Pin1
2	Y4	Injector4 ground	Pin2
3	Y4	Injector4 voltage	Pin1
4	Y5	Injector5 ground	Pin2
7	Y5	Injector5 voltage	Pin1
OM611 INJECTORS			
4	Y1	Injector1 ground	Pin2
5	Y1	Injector1 voltage	Pin1
2	Y2	Injector2 ground	Pin2
3	Y2	Injector2 voltage	Pin1
2	Y3	Injector3 ground	Pin2
9	Y3	Injector3 voltage	Pin1
4	Y4	Injector4 ground	Pin2
7	Y4	Injector4 voltage	Pin1

OBD2 (16pin)	
	4 Ground
	5 Ground
	6 CAN High
	7 Data link from ecu
	8 Ignition 12V/
	14 CAN Low
	16 Battery 12V/

Turbo actuator (electric)	EDC16C2	EDC16C31
1 -	-	12V
2 12V	ground	ground
3 ground	signal	signal
4 signal	-	-
5 -	-	-

ECU Pin 35=signal

ECU Pin 48=12V

Add extra ground from chassis to servo

ECU CONTROLS MAIN POWER RELAY WHEN CIRCUIT 15 IS POWERED!
YOU CAN CONNECT ALL OF THE FUSED 12V WIRES TO THAT RELAY!