

Connection-related

It can be removed from the software

Connector 1 (left)	MB Abbreviation	Use	Device connector	Connector 2 (right)	MB Abbreviation	Use	Where to connect
14	NB1	Cars sensor -	pin1	14	BT A	12v	Battery with 25A fuse
15	NB1S	Cars sensor signal	pin2	15	BT B	13v	Battery with 10A fuse
16	NB1V	Cars sensor +5v	pin3	16	BT C	13v	Battery with 25A fuse
17	K01V	Crank sensor -	pin1	31		Ground	Directly to battery or chassis ground
18	K01V	Crank sensor -	pin2	31		Ground	Directly to battery or chassis ground
19	TAC1	Coolant temp sensor -	pin1	31		Ground	Directly to battery or chassis ground
20	TAC1V	Coolant temp sensor +	pin2	15		Ignition 12v	Ignition lock
21	TAN1S	Charge air temp sensor -	pin1	5V PWG2		Throttle	pin1
22	TAN1V	Charge air temp sensor +	pin2	SP2S PWG2-2		Throttle	pin3
23	RC01	Pressure regulator -	pin1	15 SP2S PWG2-1		Throttle	pin4
24	RC01	Pressure regulator -	pin2	25 SP1S PWG2-1		Throttle	pin5
25	RC01	Pressure regulator -	pin3	25 SP1S PWG2-1S		Throttle	pin6
26	RD-	Rail sensor -	pin1	E_KUP		Clutch signal	Pin2
27	RD5	Rail sensor signal	pin2	TSA		Data link RPM	OB22 pin1 pin3
28	RD5	Rail sensor signal +5v	pin3	Dap		Data link	OB22 pin1 pin7
29	ED-	Map sensor -	pin1	NH42		Close plug signal	Pin2
30	EDV	Map sensor signal	pin2				
31	EDV+	Map sensor +5v	pin3				
OBDII FUNCTIONS							
Y1		Inject1 ground	Pin2				
Y1		Inject1 voltage	Pin1				
Y2		Inject2 ground	Pin2				
Y2		Inject2 voltage	Pin1				
Y3		Inject3 ground	Pin2				
Y3		Inject3 voltage	Pin1				
Y4		Inject4 ground	Pin2				
Y4		Inject4 voltage	Pin1				
Y5		Inject5 ground	Pin2				
Y5		Inject5 voltage	Pin1				
Y6		Inject6 ground	Pin2				
Y6		Inject6 voltage	Pin1				
OBDII Fuel Temp							
Y1		Inject1 ground	Pin2				
Y1		Inject1 voltage	Pin1				
Y2		Inject2 ground	Pin2				
Y2		Inject2 voltage	Pin1				
Y3		Inject3 ground	Pin2				
Y3		Inject3 voltage	Pin1				
Y4		Inject4 ground	Pin2				
Y4		Inject4 voltage	Pin1				
Y5		Inject5 ground	Pin2				
Y5		Inject5 voltage	Pin1				
OBDII FUNCTIONS							
Y1		Inject1 ground	Pin2				
Y1		Inject1 voltage	Pin1				
Y2		Inject2 ground	Pin2				
Y2		Inject2 voltage	Pin1				
Y3		Inject3 ground	Pin2				
Y3		Inject3 voltage	Pin1				
Y4		Inject4 ground	Pin2				
Y4		Inject4 voltage	Pin1				
LDR		Turbo actuator signal	check box on left				
LDR		Turbo actuator ground	check box on left				
LDR+		Turbo actuator 12v	check box on left				
QC7RL		Quantity control valve	pin1				
QC7RL		Quantity control valve	pin1				
TKS-		Fuel temp sensor	pin1				
TNS		Fuel temp sensor	pin2				
PI1-		Intake pressure-	pin1				
PI1		Intake pressure signal	pin2				
PI1+		Intake pressure +5v	pin3				
OE1-S		Oil sensor signal	pin1				
OE1-		Oil sensor	pin2				
OE1+		Oil sensor +	pin3				
ET1		HFM	pin1				
ET2		HFM	pin1				
HFM1		HFM	pin2				
HFM2		HFM	pin4				
HFM3		HFM	pin5				
RS01		Void line heater	pin1				
RS01		Void line heater	pin2				
B01		Exhaust pressure sensor	pin1				
B01		Exhaust pressure sensor	pin2				
B01		Exhaust pressure sensor	pin3				
M165		Throttle valve actuator signal	pin1				
M05		Intake manifold flap signal	pin3				
V279		ECR signal	pin1				
G32		Oil sensor	pin1				
G32		Oil sensor	pin1				
G32		Oil sensor	pin3				
G32		Oil sensor	pin5				
G32		Oil sensor	pin6				
B268		Pressure differential sensor GPF	pin1				
B268		Pressure differential sensor GPF	pin2				
B268		Pressure differential sensor GPF	pin3				
BT57		Temperature upstream of KAT	pin1				
BT57		Temperature upstream of KAT	pin2				
BT56		Temperature downstream of KAT	pin1				
BT56		Temperature downstream of KAT	pin2				
		Heater booster control	pin1				
		Alternator	pin1				

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

OB22 (16pin)

4 Ground

5 Ground

6 CAN High

7 Data link from ecu

8 Ignition 12V

14 CAN Low

16 Battery 12V

Turbo actuator	EDC18C2	EDC18C31
1	12V	
2	ground	
3	ground	
4	signal	
5		