

### **Blink code (on vehicles up to chassis No.5383302IDI87233)**

With the key turned off, press the diagnosis button.

- Two sets of flashes of the EDC warning light with a short pause in between indicate the code number of the first error stored in memory.
- Press the button again to pass on to the next error.
- After reaching the last error, the first one is repeated.
- The list of errors contains all the errors stored in memory and not only the active ones.
- The order of presentation of the errors respects the chronological order in which they appeared.

The table gives the error codes.

To delete the list of errors from the control unit memory, follow this procedure:

- with the key turned off, press the diagnosis button;
- keeping the button pressed, turn the key on;
- keep the button pressed for 5 seconds;
- let go of the button;
- turn the key off.

Blink code	Indicator light	Fault description	Power reduction
<b>VEHICLE</b>			
1.1	On	Vehicle speed	
1.2	Off	(not used)	
1.3		Cruise Control buttons	
1.4	Blinking	Throttle pedal	*
1.5	Off	Clutch switch	
1.6	On	Brake switch	
1.7	On	Throttle/brake plausibility	doing
1.8	Off	Main EDC / diagnosis indicator light	
1.9	Off	Air-conditioner control contactor	
<b>ENGINE</b>			
2.1	Blinking	Water temperature sensor	*
2.2	Off	Air temperature sensor	
2.3	On	Fuel temperature sensor	
2.4	Blinking	Turbocharging pressure sensor	*
2.5	Off	Atmospheric pressure sensor	
2.7	On	Fuel motor pump control contactor	
2.8	Off	Fuel filter heater control contactor	
2.9	On	Fan control contactor	
<b>ENGINE 2</b>			
3.1	Off	Cylinder 1 balancing	
3.2	Off	Cylinder 2 balancing	
3.3	Off	Cylinder 3 balancing	
3.4	Off	Cylinder 4 balancing	
3.5	Off	Battery voltage	
3.6	Off	Glow plug indicator light	
3.7	Off	Glow plug control contactor	
3.9	Off	Pre-heating monitoring	

Blink code	Indicator light	Fault description	Power reduction
<b>ELECTRO-INJECTORS</b>			
5.1	Blinking	Cylinder 1 injector solenoid valve	
5.2	Blinking	Cylinder 2 injector solenoid valve	
5.3	Blinking	Cylinder 3 injector solenoid valve	
5.4	Blinking	Cylinder 4 injector solenoid valve	
5.7	Blinking	Bank 1 (cylinders 1 – 4)	
5.8	Blinking	Bank 2 (cylinders 2 – 3)	
<b>ENGINE SPEED</b>			
6.1	Blinking	Crankshaft sensor	*
6.2	Blinking	Timing sensor	**
6.4	Off	Engine overspeed	
<b>FUEL PRESSURE</b>			
8.1	Blinking	Fuel pressure control	* or cutting out engine
8.2	Blinking	Fuel pressure sensor	*
8.3	Blinking	Pressure regulator solenoid valve	
8.5	On	EGR monitoring	
8.6	On	EGR solenoid valve	
8.7	On	Debimeter	
8.8	Off	Air temperature sensor (debimeter)	
<b>CONTROL UNIT</b>			
9.1	Blinking	Control unit error (Gate array)	* or cutting out engine
9.2	On	Control unit error (EEPROM)	
9.3	Blinking	EDC – mobilizer communication	
9.4	On	Main contactor	
9.5	Off	After run test	
9.6	Blinking	Engine Stop Test (ECU)	
9.7	Blinking	Sensor power supply	* or cutting out engine
9.8	Blinking	Control unit error (Checksum)	Starting not possible
9.9	Blinking	Control unit error (Operating system)	Cutting out engine
(*) Cases when there is a power reduction.			