

## MAN ECU EDC7 Engine Fault Codes List

Code (SPN)	Description
81	The difference between exhaust pressures.
94	fuel feed pressure.
98	Oil level.
100	Oil pressure.
102	Pressure supercharging charge air pipe after intercooler (intercooler).
105	Combustion air temperature before entering the cylinders (after AGR).
108	Atmosphere pressure.
110	The coolant temperature.
168	Voltage batteries.
171	Ambient temperature.
173	exhaust gas temperature before further purification.
175	The fuel temperature.
175	oil temperature.
190	The engine speed.

609	1 CAN module.
651	Bank1, the injector 1 (four-cylinder engine cylinder №1; six engine cylinder №1; eight-cylinder engine main №1, №5 slave cylinder; ten-cylinder engine main №1, №6 slave cylinder; twelve-cylinder engine №1 main cylinder № 12 slave).
652	Bank2 injector 1 (four-cylinder engine cylinder №3; six engine cylinder №5; №2 eight-cylinder engine cylinder head, the cylinder №7 slave; №5 ten-cylinder engine cylinder head, the cylinder №10 slave; twelve-cylinder engine №5 main cylinder № 8 slave).
653	Bank1, injector 2 (four-cylinder engine cylinder №4; six engine cylinder №3; eight-cylinder engine main №3, №6 slave cylinder; №2 ten-cylinder engine cylinder head, the cylinder №7 slave; twelve-cylinder engine №3 main cylinder № 10 slave).
654	Bank2, injector 2 (four-cylinder engine cylinder №2; №6 cylinder six-cylinder engine, eight-cylinder engine main №4, №8 slave cylinder; №3 ten-cylinder engine cylinder head, the cylinder №8 slave; twelve-cylinder engine №6 main cylinder № 7 slave).

655	Bank1, an injector 3 (six engine cylinder №4; №4 ten-cylinder engine cylinder head, the cylinder №9 slave; twelve-cylinder engine №2 main cylinder №11 slave).
656	Bank2, an injector 3 (six engine cylinder №4; twelve cylinder engine cylinder №2 the main cylinder №11 slave).

959	Time and date (incorrect value seconds).
960	Time and date (incorrect value minutes).
961	Time and date (incorrect value hours).
962	Time and date (incorrect value days).
963	Time and date (month incorrect value).
964	Time and date (s wrong value).
1079	a pressure sensor supply line.
1080	fuel pressure sensor supply low pressure circuit, the boost pressure sensor, oil pressure sensor, and exhaust pressure sensor.
1131	The temperature of the charge air boost in the tube after the intermediate cooler (intercooler).
2039	FFR1 (driving motor unit or computer).
3004	Control deviation AGR.
3007	Invalid query DM4.
3009	Too high engine speed.
3014	Main relay (inside the control unit).
3016	FFR1: Invalid message due to engine brake.
3017	FFR1: Wrong message on a given moment.
3018	FFR1: Invalid message for limit controller.
3020	FFR1: Invalid message due EDR (the maximum speed limiter).
3022	FFR1: Setting ZDR (intermediate speed regulation).

3023	FFR1: Invalid request message "MEOS" (an instant increase in engine speed).
3024	FFR1: Invalid request message off of a linear function.
3025	FFR1: Checking the number of reserved memory.
3029	FFR2: Wrong message, the installation of idling.
3030	FFR2: Invalid message for limit controller.
3031	FFR2: Setting too high LLR.
3032	FFR2: Invalid request message idling.
3033	FFR2: Error messages start request.
3034	FFR2: Error message engine stop request.
3035	FFR2: Checking the number of reserved memory.
3038	FFR3: Error in the notice of the parking lot.
3039	FFR3: Checking the number of reserved memory.
3045	The starter.
3046	The atmospheric pressure sensor ..
3063	Inertia phase has not been completed.
3064	EDC standalone mode.
3069	Redundant control speed.
3076	Wrong Number (ID) FFR unit.
3077	No number (ID) FFR unit.
3081	Disable wastegate.
3082	The accuracy of the oil pressure sensor readings.
3083	The accuracy of the pressure sensor in the fuel line.
3085	Wrong message "Vehicle distance".
3086	AGR actuating device, the end position.
3087	Oil pressure sensor.
3088	charge air boost pressure sensor pipe after intercooler (intercooler).
3089	Temperature sensor combustion air before entering the cylinder (after AGR).
3091	Coolant temperature sensor.
3092	Time and date.
3093	Time and date.
3097	fuel temperature sensor.

3099	The pressure sensor in the pipeline.
3100	The fuel pressure sensor (low-pressure circuit).
3671	Calibration memory EEPROM.
3673	Module CAN2.
3674	FFR1: Disabling memory unit 8 bytes / bits 5-8.
3676	Incorrect excessive tripping mechanism (After run test).
3678	Voltage capacitor unit 1.
3679	Voltage capacitor unit 2.
3687	The pressure relief valve.
3693	Switching voltage injector.
3732	overvoltage test.
3735	Block Temperature EDC.
3736	The output stage.
3737	Master / Slave Work.
3738	The unevenness of the cylinder.
3739	The unevenness of the cylinder.
3773	Master / Slave mode.
3775	Line Pressure.
3776	Line Pressure.
3777	Line Pressure.
3778	Line Pressure.
3779	Line Pressure.
3780	Line Pressure.
3781	The pressure relief valve.
3782	fuel feed pressure.
3783	FFR2: Errors in the reports of the specified acceleration noise control unit (NORD).
3784	A mistake by the Smoke-ID message.
3785	Dust filter PM-Kat (solids catalyst).
3786	The temperature of the particle filter.
3787	Recovery of the dust filter.
3789	Comparative differential sensor or exhaust gas pressure sensor.
3790	The accuracy of exhaust pressure difference.
3792	Sensor additional purification of exhaust gases before temperature.

3793	exhaust gas temperature sensor after a post-treatment (physical parameters).
3794	exhaust gas temperature sensor after a posttreatment.
3795	The throttle valve AGR.
3796	The output stage (Highside) EGR 2.
3797	The output stage (Highside) the amount of oxygen in the exhaust gas sensor (lambda probe).
3798	Output stage OBD lamp.
3800	The output stage (Highside) a bypass valve for exhaust gas turbocharger.
3801	The output stage (Highside) NT circuit cutoff valve.
3802	The output stage (Highside) off the compressed air valve.
3803	Error in sending messages CAN1 (FFR / EDC-CAN).
3804	Error in sending messages CAN1 (FFR / EDC-CAN).
3805	Error in sending messages on CAN2 (Master-Slave CAN).
3806	Error CAN2 (OBD-CAN).
3806	Error CAN2 (Master-Slave CAN).
3807	Error sending FFR1 (FFR / EDC-CAN).
3808	error while sending

	FFR2 (FFR / EDC-CAN).
3809	Error sending FFR3 (FFR / EDC-CAN).
3810	Error time and date (FFR / EDC-CAN).
3811	Identification of additional purification of exhaust gases before temperature.
3812	Identification of the exhaust temperature after the post-treatment.
3813	starter protector.
3814	Duration off control units.
3819	CAN3 (CAN exhaust gas treatment systems).
3820	Checking CAN1 (oil temperature and the ambient air).
3821	Checking CAN3 (CAN exhaust gas treatment systems).
3822	Break (timeout) in sending messages CAN3 (CAN exhaust gas treatment systems).

3823	Ignition.
3830	Misfiring.
3831	Misfiring.
3832	Misfiring.
3833	Misfiring.
3834	Misfiring.
3835	Misfiring.
3836	Determination of the amount of oxygen sensor values in the exhaust gases (a lambda probe).
3837	Controlling the amount of oxygen sensor values in the exhaust gas (lambda probe).
3838	The internal resistance of the amount of oxygen sensor in the exhaust gases (a lambda probe).
3839	The internal resistance of the amount of oxygen sensor in the exhaust gases (a lambda probe).
3843	coolant temperature.
3844	The temperature of the charge air before entering the cylinder.
3845	Ambient temperature.
3846	Control block.
3847	The temperature of the charge air boost in the tube after the intermediate cooler (intercooler).
3849	SCR catalyst
3850	Regulation of a closed system of exhaust gas recirculation.
3851	AGR valve position.
3852	Identification temperature AGR.
3853	Setting value AGR
3854	a block temperature sensor EDC №2.
3855	Supply amount of oxygen in the exhaust gases (a lambda probe).
3856	The calibration sensor value the amount of oxygen in the exhaust gases (a lambda probe).
3857	Communication SPI amount of oxygen in the exhaust gas sensor (lambda probe).
3858	Low amounts of oxygen sensor in the exhaust gas (lambda probe).

3859	Calibration value for the amount of oxygen sensor temperature of the exhaust gas (lambda probe).
3863	shift control.
3864	P1 control injection.
3865	Control injection P2.
3866	M1 control injection.
3867	P0 injection control.
3868	Identification temperature after the charge air intercooler (intercooler).
3871	Identification temperature within EDC unit.
3872	2 Identification temperature within EDC unit.
3873	restore control.
3874	volume correction factor is too large segment 0.
3875	volume correction factor is too large segment 1.
3876	volume correction factor is too large segment 2.
3877	volume correction factor is too large segment 3.
3878	volume correction factor is too large segment 4.
3879	volume correction factor is too large segment 5.
3880	The output stage 12 for a LIN bus B.
3919	Heating NOx sensor.
3920	NOx concentration.
3921	O2 concentration.
3923	Coolant temperature 2.
3925	The coolant temperature sensor 2.
3926	The control pressure in line gradient sensor (RDS).
3927	Supply amount of oxygen in the exhaust gases (a lambda probe).
3929	C Control AGR oxygen sensor in the exhaust gas (lambda
3930	probe). Error MIL (light Fault indication). C Control AGR oxygen sensor in the exhaust gas (Oxygen sensor). Error PR (power reduction).
3931	The output stage (Lowside) inlet air flap.

- 3932 The output stage (Lowside) the charge air pressure control ..
- 3936 Too high pressure charge air.
- 3938 No adaptation of the amount of oxygen in the exhaust gas sensor (lambda probe).
- 3942 The pressure of the charge air intercooler after a low pressure.
- 3943 Pressure sensor charge air intercooler after a low pressure.
- 3944 The temperature of the charge air intercooler after a low pressure.
- 3945 Combustion air temperature sensor after the low-pressure intercooler.
- 3946 A cooler discharge high-pressure air.
- 3947 A cooler discharge low-pressure air.
- 3963 Error LIN (Local Area Network).
- 3964 transmission gap of LIN messages.
- 3965 Error LIN (Local Area Network).
- 3966 Self oil level sensor.
- 3972 Control of the low NOx values.
- 3973 The pressure of the charge air in the high pressure circuit.
- 3974 The pressure of the charge air in the low pressure circuit.
- 3975 The gap sensor wires.
- 3976 Control fault status of the amount of oxygen in the exhaust gas sensor (lambda probe).
- 3978 Electrical failure the amount of oxygen in the exhaust gas sensor (lambda probe).
- 3979 Supply amount of oxygen in the exhaust gases (a lambda probe).
- 3980 Oil pressure.
- 3981 High exhaust backpressure.
- 3983 The regulator AGR.