



FCAR F3 Diagnosis list

Automaker:	MAN
Software Version:	V6.1

Model	System	System	System	Function					
				Version info.	Read DTC	Clear DTC	Read Data stream	Action test	Remark(other functions)
MAN ENG			BOSCH EDC MS5/M(S)5	√	√	√	√	-	-
	Brake / sustained- action brake	EBS	EBS 2.2/2.3, KNORR	√	√	√	√	√	-
			EBS 5, KNORR	√	√	√	√	√	-
			EBS 2 Wabco	√	√	√	√	√	Parameter
			ECAM	Haldex ECAM	√	√	√	-	-
		Sustained-action brakes	ZF Intarder	√	√	√	√	-	-
			Retarder R115E/R120-3/R133-2 Voith	√	√	√	√	-	Parameter
			PriTarder (Voith water pump retarder)	√	√	√	√	-	-
			Intarder3	√	√	√	√	-	-
	Running gear / Steering	ECAS	ECAS/EFR	√	√	√	-	-	-
			ECAS2 Wabco	√	√	√	√	√	-
			ECAS2 CDC Wabco	√	√	√	√	-	-
		Rear axle steering	RAS-EC1 steering system, rear axle, ZF	√	√	√	√	-	-
			Steering system (EHLA/ALA) Mobil Elektronik	√	√	√	√	-	-
			EDC MS6.1 BOSCH	√	√	√	√	-	-
Engine /	EDC	EDC 7 BOSCH	√	√	√	√	√	-	
		EDC 7C32 Bosch	√	√	√	√	√	Cylinder shut-off test, High-pressure test, Pressure- limiting valve (DBV) open test	
		EDC MS 6.4, Bosch	√	√	√	√	-	-	
		EDC 7 master, Bosch	√	√	√	√	-	-	

Exhaust post-treatment		EDC 7 slave, Bosch	✓	✓	✓	✓	-	-
		EDC 7C32 master, Bosch	✓	✓	✓	✓	-	-
		EDC 7C32 slave, Bosch	✓	✓	✓	✓	-	-
	CNG gas engine control	Gas ME 7, Bosch	✓	✓	✓	✓	-	-
	CRT(self-cleaning prarticle filter)MAN	CRT(self-cleaning prarticle filter)MAN	✓	✓	✓	✓	-	-
		EDC17	✓	✓	✓	✓	-	-
		EGC4	✓	✓	✓	✓	-	-
	AdBlue system	DENOX AdBlue system, Bosch	✓	✓	✓	✓	✓	-
		NONOX AdBlue system, Grundfos	✓	✓	✓	✓	-	-
Gearbox / Powertrain	Gearbox	ASTRONIC ZF	✓	✓	✓	✓	✓	-
		ASTRONIC mid ZF	✓	✓	✓	✓	✓	-
		Ecomat 2/4 ZF	✓	✓	✓	-	-	-
		DIWA.5 Voith Turbo	✓	✓	✓	✓	-	-
	Hydro Drive MAN	Hydro Drive MAN	✓	✓	✓	✓	-	-
	WSK	Torque converter and clutch system TC2 ZF	✓	✓	✓	-	-	-
	VSM	VSM SVDO	✓	✓	✓	✓	-	-
		TIPMATIC 3	✓	✓	✓	-	-	-
Air-conditioning / auxiliary air-conditioning / heating	Behr/GKR air-conditioning control	✓	✓	✓	✓	✓	-	
	Air-conditioning system KR 49x Bader	✓	✓	✓	-	-	-	
	Heating / air conditioning / auxiliary air conditioning BHTC, Behr	✓	✓	✓	✓	✓	-	
	Independent air-conditioning control unit	✓	✓	✓	✓	-	-	
	Independent air-conditioning control	✓	✓	✓	✓	-	-	
	DILC- / D3LC Compact, Eberspacher	✓	✓	✓	✓	-	-	
	Air Top 3500 ST, Webasto	✓	✓	✓	✓	-	-	

Divided by the system	Climate control / auxiliary heaters	Additional heaters air or water	Air Top 3500, Webasto SG 11580	-	✓	✓	-	-	-
			Hydronic D5W, Eberspaecher	✓	✓	✓	✓	-	-
			Thermo 50, Webasto	✓	✓	✓	✓	-	-
			Hydronic 24/30/35, Eberspacher	✓	✓	✓	✓	-	-
			Air Top 3500, Webasto SG 11580 old	✓	✓	✓	✓	-	-
			D1LC-/D3LC Compact (9A), Eberspacher	-	✓	✓	-	-	-
			Thermo S, Spheros	✓	✓	✓	✓	-	Switch heater on/off
			Air Top 2000 OEM, Webasto	-	✓	✓	✓	-	Actuator test, Fill fuel line
	Central computer / instrumenta	Instrumentation	VDO-Kienzle instrumentation	✓	✓	✓	✓	-	-
			Instrumentation Stoneridge Electronics	✓	✓	✓	✓	✓	-
		FFR/PTM/MFR	VDO FFR	✓	✓	✓	✓	-	-
		central on-board compu	CBR II Wabco up to version E5	✓	✓	✓	✓	-	-
			CBR II Wabco from version E6 onwards	✓	✓	✓	✓	-	-
		ZBRO control unit software status 'ZR_103' or earlier	✓	✓	✓	-	-	-	

tion	ZBRO	ZBRO control unit software status 'ZR_104'	√	√	√	-	-	-
		ZBRO32	√	√	√	-	-	-
	Customer's special module	VDO KSM	√	√	√	√	-	-
		ZFR MAN	√	√	√	√	-	-
	ZFR	PTM	√	√	√	√	-	-
		Engine management computer (MFR)	√	√	√	√	-	-
		FFR Step 12	√	√	√	√	√	-
		Wabco ZBR II	√	√	√	√	√	-
Comfort / assistance / safety systems	ACC MAN	ACC MAN	-	√	√	-	-	-
	LGS (Lane Guard System)	LGS ITERIS	√	√	√	√	-	-
	Tire Pressure Monitor (TPM) Wabco	Tire Pressure Monitor (TPM) Wabco	√	√	√	√	-	-
	Telematik Boardmodul (TBM) OHB	Telematik Boardmodul (TBM) OHB	√	√	√	-	-	-
	Door modules	Berifors door module	√	√	√	√	√	-
		Door module TRW	√	√	√	√	√	-
	Radar sensor	Radar sensor	√	√	√	√	-	-
	Airbag	BOSCH Airbag	√	√	√	-	-	-
Central computer, marine and	Ship vehicle management computer (SFFR)	Ship vehicle management computer (SFFR)	√	√	√	-	-	-
	MAN Marine Diagnose System	MAN Marine Diagnose System (MMDS)	√	√	√	√	-	-
	EDC	EDC MS6.1 BOSCH	√	√	√	√	-	-
		EDC 7 BOSCH	√	√	√	√	-	-
		EDC 7C32 Bosch	√	√	√	√	-	-
		EDC MS 6.4, Bosch	√	√	√	√	-	-
		EDC 7 master, Bosch	√	√	√	√	-	-

auxiliary engines		EDC 7 slave, Bosch	✓	✓	✓	✓	-	-	
		EDC 7C32 master, Bosch	✓	✓	✓	✓	-	-	
		EDC 7C32 slave, Bosch	✓	✓	✓	✓	-	-	
	CNG gas engine control	Gas ME 7, Bosch	✓	✓	✓	✓	-	-	
	FFR/PTM/MFR	VDO FFR	✓	✓	✓	✓	-	-	
		PTM	✓	✓	✓	✓	-	-	
		Engine management computer (MFR)	✓	✓	✓	✓	-	-	
	Hybrid components	EMU	EMU Energy Managment Uint	✓	✓	✓	✓	-	-
		Vehicle electrical system power converter	Vehicle electrical system power converter	✓	✓	✓	✓	-	-
		MT-Gateway	MT-Gateway	✓	✓	✓	✓	-	-
UltraCap Management		UCM Ultracap-Management	✓	✓	✓	✓	-	-	
Wechselrichter		Wechselrichter	✓	✓	✓	✓	-	-	
DICO		DICO Siemens	✓	✓	✓	✓	-	-	
E 2000	Braking force support	Voith VERA R115E	✓	✓	✓	✓	-	-	
E 2000 Evolution	Braking force support	Voith VERA R115E	✓	✓	✓	✓	-	-	
	Diesel injection system	BOSCH EDC MS 6.1	✓	✓	✓	✓	-	-	
F 90	Braking force support	Voith VERA R115E	✓	✓	✓	✓	-	-	
L 2000	Diesel injection system	BOSCH EDC MS 5	✓	✓	✓	✓	-	-	
LE 2000	Diesel injection system	BOSCH EDC MS 6.4	✓	✓	✓	✓	-	-	
M 2000	Braking force support	Voith VERA R115E	✓	✓	✓	✓	-	-	
	Diesel injection system	BOSCH EDC MS 5	✓	✓	✓	✓	-	-	
M 2000 L	Braking force support	Voith VERA R115E	✓	✓	✓	✓	-	-	
M 2000 L Evolution	Braking force support	Voith VERA R115E	✓	✓	✓	✓	-	-	
M 2000 M	Braking force support	Voith VERA R115E	✓	✓	✓	✓	-	-	
M 90	Braking force support	Voith VERA R115E	✓	✓	✓	✓	-	-	
ME 2000	Diesel injection system	BOSCH EDC MS 6.4	✓	✓	✓	✓	-	-	
	computer	Wabco Car PC	-	✓	✓	-	-	-	
	Diesel injection system	BOSCH EDC 7	✓	✓	✓	✓	-	-	
		BOSCH EDC MS 6.1	✓	✓	✓	✓	-	-	

Divided by vehicle	TG-A	EBS	Knorr EBS 4 × 2	-	√	√	√	-	-
			Knorr EBS 6 × 2 (Third Intermediate axle)	-	√	√	√	-	-
			Knorr EBS 6 × 2 (the third dragging axle)	-	√	√	√	-	-
			Knorr EBS 6 × 4	-	√	√	√	-	-
			Knorr EBS 8 × 4	-	√	√	√	-	-
			Knorr EBS Auto H88	-	√	√	√	-	-
			Knorr EBS Auto H95	-	√	√	√	-	-
		Engine - Auto adjustment	VDO FFR auto - engine (navigator)	-	√	√	√	-	-
			EBS 2.3, KNORR	√	√	√	√	-	-
			ECAS2 Wabco	√	√	√	√	-	-
			EDC 7 BOSCH	√	√	√	√	-	-
			FFR Step 10 VDO	√	√	√	√	-	-
			Wabco ZBR II	√	√	√	√	-	-
		Berifors door module	√	√	√	√	-	-	
		Behr/GKR air-conditioning control	√	√	√	√	-	-	
		Stoneridge Electronics Highline instrumentation	√	√	√	√	-	-	
			EBS 2, WABCO	√	√	√	√	-	Parameter
			ECAS2 Wabco	√	√	√	√	-	-
			ASTRONIC mid ZF	√	√	√	√	-	-
			EDC7C32 V44, BOSCH	√	√	√	√	-	-
		FFR Step 12	√	√	√	√	-	-	
		Wabco ZBR II	√	√	√	√	-	-	
		Berifors door module	√	√	√	√	√	-	
		Behr/GKR air-conditioning control	√	√	√	√	-	-	
		Instrumentation Stoneridge Electronics	√	√	√	√	√	-	
		PTM	√	√	√	√	-	-	
		ECAS2 Wabco	√	√	√	√	-	√	
		DENOX AdBlue system V28 SOP, Bosch	√	√	√	√	-	√	
		EDC 7C32 V35, BOSCH	√	√	√	√	√	√	

TG-S		Wabco ZBR II	√	√	√	√	-	√
		Door module TRW	√	√	√	√	√	-
		EBS 5, KNORR	√	√	√	√	-	√
		ASTRONIC ZF	√	√	√	√	-	-
		universal mobile phone preparation (UHV) FwD	√	-	-	√	√	-
TG-X		Heating / air conditioning / auxiliary air conditioning BHTC, Behr	√	√	√	√	-	√
		EBS 5, KNORR	√	√	√	√	-	√
		ECAS2 Wabco	√	√	√	√	-	√
		DENOX AdBlue system V28 SOP, Bosch	√	√	√	√	-	√
		PTM	√	√	√	√	-	-
		ASTRONIC ZF	√	√	√	√	-	-
		EDC 7C32 V35. BOSCH	√	√	√	√	-	√
		Heating / air conditioning / auxiliary air conditioning BHTC, Behr	√	√	√	√	-	√
		Instrumentation Stoneridge Electronics	√	√	√	√	√	-
		Multi Media System	√	√	√	√	-	-
TG-L		Wabco ZBR II	√	√	√	√	-	√
		Door module TRW	√	√	√	√	√	-
	Diesel injection system	BOSCH EDC 7	-	√	√	√	-	-
	Engine - Auto adjustment	VDO FFR auto - engine (navigator)	-	√	√	√	-	-
Remarks: √ means the system has this function - means not supported at this moment.								