

# MAN V12.0

1. X : means the function is supported.

2. \* : means the function is added or developed newly in the new version

VEHICLE INFORMATION		FUNCTION					
Vehicle or Module	System	ECU INFO	DTC	DTC Freeze	Data List	Actuations	Spec. Func.
Brake/Sustained-action brakes	EBS 2.2 Knorr		X		X		
Brake/Sustained-action brakes	EBS 5,KNORR		X		X		
Brake/Sustained-action brakes	EBS 2,WABCO		X				
Brake/Sustained-action brakes	Haldex ECAM		X				
Brake/Sustained-action brakes	ZF Intarder		X		X		
Brake/Sustained-action brakes	Retarder R115E/R120-3/R133-2 Voith		X		X		
Brake/Sustained-action brakes	Voith Retarder VERA 1 R115E	X	X		X		
Brake/Sustained-action brakes	PriTarder(Voith water pump retarder)		X		X		
Running gear/Steering	ECAS2 Wabco		X		X		
Running gear/Steering	RAS-EC1 steering system,rear axle,ZF		X		X		
Running gear/Steering	Electrohydraulic steering system(EHLA)ME		X				
Exhaust post-treatment	EDC MS 5		X		X	X	
Exhaust post-treatment	EDC MS 5 Bosch		X		X		
Exhaust post-treatment	EDC MS 6.1 BOSCH	X	X		X		
Exhaust post-treatment	EDC 7 BOSCH	X	X		X		
Exhaust post-treatment	EDC 7C32,Bosch	X	X				
Exhaust post-treatment	EDC MS 6.4,Bosch	X	X		X		
Exhaust post-treatment	EDC 7 master,Bosch	X	X		X		
Exhaust post-treatment	EDC 7 slave,Bosch	X	X		X		
Exhaust post-treatment	EDC 7C32 Master,Bosch	X	X		X		
Exhaust post-treatment	EDC 7C32 Slave,Bosch	X	X		X		
Exhaust post-treatment	EDC17	X	X		X		
Exhaust post-treatment	EGC4	X	X		X		
Exhaust post-treatment	DENOX AdBlue System,Bosch	X	X		X		
Exhaust post-treatment	NONOX AdBlue System,Emitec	X	X		X		

Vehicle or Module	System	ECU INFO	DTC	DTC Freeze	Data List	Actuations	Spec. Func.
Exhaust post-treatment	Gas ME 7, Bosch	X	X		X		
Exhaust post-treatment	ASTRONIC ZF	X	X		X		
Exhaust post-treatment	ASTRONIC mid ZF	X	X		X		
Gearbox/Powertrain	6AS 850 ASTRONIC lite ZF		X		X		
Gearbox/Powertrain	Ecomat 2/4 ZF		X		X		
Gearbox/Powertrain	DIWA.5 Voith Turbo		X		X		
Gearbox/Powertrain	EcoLife,ZF		X				
Gearbox/Powertrain	Torque converter and clutch system TC2ZF		X		X		
Gearbox/Powertrain	VSM SD0		X				
Gearbox/Powertrain	Behr/GKB air-conditioning control		X		X		
Gearbox/Powertrain	Airconditioning system KR 49x Bader		X				
Gearbox/Powertrain	Behr independent air-conditioning system SKG		X		X		
Climate control/auxiliary heaters	DILC-/D3LC Compact,Eberspaecher		X		X		
Climate control/auxiliary heaters	Air Top 3500 ST,Webasto		X				
Climate control/auxiliary heaters	Hydronic D5W,Eberspaecher		X		X		
Climate control/auxiliary heaters	Thermo 50,Webasto		X		X		
Climate control/auxiliary heaters	Air Top 3500,Webasto SG 1580 old		X		X		
Climate control/auxiliary heaters	Air Top 2000 OEM,Webasto		X		X		
Climate control/auxiliary heaters	VD0-Kienzle instrumentation		X		X		
Climate control/auxiliary heaters	Instrumentation Stoneridge Electronics		X		X		
Climate control/auxiliary heaters	VD0 FFR		X		X		
Central computer/instrumentation	CBR II Wabco up to version E5		X		X		
Central computer/instrumentation	ZBR0 control unit software status 'ZR_103' or earlier		X		X		
Central computer/instrumentation	ZBR0 control unit software status 'ZR_104' or earlier		X		X		
Central computer/instrumentation	VD0 KSM		X		X		
Central computer/instrumentation	ZFR MAN		X				
Central computer/instrumentation	LGS ITERIS		X				
Central computer/instrumentation	Door module TRW		X		X		
Central computer/instrumentation	BOSCH airbag		X				
Comfort/assistance/safety systems	Voith Retarder VERA 1 R115E		X				
Comfort/assistance/safety systems	Voith Retarder VERA 1 R115E		X				
Comfort/assistance/safety systems	310		X		X		

Vehicle or Module	System	ECU INFO	DTC	DTC Freeze	Data List	Actuations	Spec. Func.
Comfort/assistance/safety systems	360		X				
Comfort/assistance/safety systems	410				X		
Comfort/assistance/safety systems	414		X				
Central computer,marine and auxiliary engines	Voith Retarder VERA 1 R115E		X				
Central computer,marine and auxiliary engines	Voith Retarder VERA 1 R115E	X	X		X		
Central computer,marine and auxiliary engines	310	X	X				
Central computer,marine and auxiliary engines	360	X	X		X		
Central computer,marine and auxiliary engines	410	X	X		X		
Central computer,marine and auxiliary engines	414	X	X				
Central computer,marine and auxiliary engines	Voith Retarder VERA 1 R115E	X	X		X		
Central computer,marine and auxiliary engines	264	X	X		X		
Central computer,marine and auxiliary engines	140	X	X		X		
Central computer,marine and auxiliary engines	180	X	X		X		
Central computer,marine and auxiliary engines	225	X	X		X		
Central computer,marine and auxiliary engines	250	X	X		X		
Central computer,marine and auxiliary engines	255	X	X		X		
Central computer,marine and auxiliary engines	280	X	X		X		
Central computer,marine and auxiliary engines	285	X	X		X		
Hybrid components	Voith Retarder VERA 1 R115E	X	X		X		
Hybrid components	264	X	X		X		
Hybrid components	Voith Retarder VERA 1 R115E	X					
Hybrid components	Voith Retarder VERA 1 R115E	X	X		X		
Hybrid components	Voith Retarder VERA 1 R115E	X	X		X		
Hybrid components	Voith Retarder VERA 1 R115E	X	X		X		
Suspensions	Voith Retarder VERA 1 R115E	X	X				
Suspensions	250	X	X		X	X	
Suspensions	250	X	X		X		
Suspensions	280	X	X		X		Accumulator solenoid valve Control unit power supply voltage Pressure sensors Pressure sensors Level sensor calibration

Vehicle or Module	System	ECU INFO	DTC	DTC Freeze	Data List	Actuations	Spec. Func.
E 2000	Wabco On-board computer	X	X		X		
E 2000 Evolution	280	X	X		X		
E 2000 Evolution	Bosch EDC MS 6.1	X	X		X		
E 2000 Evolution	Bosch EDC MS 6.1	X	X		X		
E 2000 Evolution	Bosch EDC MS 6.1	X	X		X		
E 2000 Evolution	Bosch EDC MS 6.1	X	X		X		
F 2000	Bosch EDC MS 6.1	X	X		X		
F 2000 Evolution	Bosch EDC MS 6.1	X	X		X		
F 2000 Evolution	Bosch EDC MS 6.1	X	X		X		
F 2000 Evolution	Bosch EDC MS 6.1	X	X		X		
F 2000 Evolution	Bosch EDC MS 5	X	X		X		
F 2000 Evolution	Bosch EDC MS 6.4	X	X		X		
F 90	Bosch EDC MS 6.4	X	X		X		
L 2000	Bosch EDC MS 5		X		X		
LE 2000	Bosch EDC 7	X	X		X		
LE 2000	Bosch EDC 7	X	X		X		
LE 2000	Bosch EDC 7	X	X		X		
LE 2000	Bosch EDC MS 6.1	X	X		X		
LE 2000	Bosch EDC 7	X	X		X		
LE 2000	Bosch EDC MS 6.1	X	X		X		
LE 2000	Bosch EDC 7	X	X		X		
M 2000	Bosch EDC MS 6.1	X	X		X		
M 2000	Bosch EDC 7		X		X		
M 2000 L	Bosch EDC 7	X	X		X		
M 2000 L Evolution	Bosch EDC 7	X	X		X		
M 2000 M	Bosch EDC 7	X	X		X		
M 2000 M Evolution	Bosch EDC MS 6.1	X	X		X		
M 90	Bosch EDC 7	X	X		X		
ME 2000	Bosch EDC MS 6.1	X	X		X		
ME 2000	Bosch EDC 7	X	X		X		
ME 2000	Bosch EDC MS 6.1	X	X		X		
TG-A	Bosch EDC 7		X				

Vehicle or Module	System	ECU INFO	DTC	DTC Freeze	Data List	Actuations	Spec. Func.
TG-A	Bosch EDC 7	X	X		X		
TG-A	Bosch EDC MS 6.1	X	X		X		
TG-A	Bosch EDC 7	X	X		X		
TG-A	Bosch EDC MS 6.1	X	X		X		
TG-A	Bosch EDC 7	X	X		X		
TG-A	Bosch EDC 7	X	X		X		
TG-A	Bosch EDC 7	X	X		X		
TG-A	Bosch EDC MS 6.1	X	X		X		
TG-A	Bosch EDC 7	X	X		X		
TG-A	Bosch EDC MS 6.1	X	X		X		
TG-A	Bosch EDC 7	X	X		X		
TG-A	Bosch EDC 7	X	X		X		
TG-A	Bosch EDC MS 6.1	X	X		X		
TG-A	Bosch EDC 7	X	X		X		
TG-A	Bosch EDC 7	X	X		X		
TG-A	Bosch EDC MS 6.1	X	X		X		
TG-A	Bosch EDC 7	X	X		X		
TG-A	Bosch EDC 7	X	X		X		
TG-A	Bosch EDC MS 6.1	X	X		X		
TG-A	Bosch EDC 7	X	X		X		
TG-A	EDC 7C32,Bosch	X	X		X		
TG-A	Bosch EDC MS 6.1	X	X		X		
TG-A	Bosch EDC 7	X	X		X		
TG-A	EDC 7C32,Bosch	X	X		X		
TG-A	Bosch EDC MS 6.1	X	X		X		
TG-A	Bosch EDC 7	X	X		X		
TG-A	EDC 7C32,Bosch	X	X		X		
TG-A	Bosch EDC MS 6.1	X	X		X		
TG-A	Bosch EDC 7	X	X		X		
TG-A	Bosch EDC 7	X	X		X		
TG-A	Bosch EDC MS 6.1	X	X		X		
TG-A	Bosch EDC 7	X	X		X		

Vehicle or Module	System	ECU INFO	DTC	DTC Freeze	Data List	Actuations	Spec. Func.
TG-A	Bosch EDC 7	X	X		X		
TG-A	Bosch EDC MS 6.1		X		X		
TG-A	Bosch EDC 7		X		X		
TG-A	EDC 7C32,Bosch		X		X		
TG-A	Bosch EDC MS 6.1		X		X		
TG-A	Bosch EDC 7		X		X		
TG-A	EDC 7C32,Bosch		X		X		
TG-A	Bosch EDC MS 6.1		X		X		
TG-A	Bosch EDC 7		X		X		
TG-A	EDC 7C32,Bosch	X	X				
TG-A	Bosch EDC MS 6.1	X	X		X	X	
TG-A	Bosch EDC 7	X	X		X		Accumulator solenoid valve Control unit power supply voltage, Pressure sensors Pressure sensors Level sensor calibration
TG-L	Bosch EDC MS 6.1	X	X		X		
TG-L	Bosch EDC 7	X	X		X		
TG-L	EDC 7C32,Bosch	X	X				
TG-L	Bosch EDC MS 6.1	X	X		X		
TG-L	Bosch EDC 7	X	X		X		
TG-L	EDC 7C32,Bosch	X	X				
TG-L	Bosch EDC MS 6.1	X	X		X		
TG-L	Bosch EDC 7	X	X		X		
TG-L	EDC 7C32,Bosch	X	X				
TG-L	Bosch EDC MS 6.1	X	X		X		
TG-L	Bosch EDC 7	X	X		X		
TG-L	EDC 7C32,Bosch	X	X				
TG-L	Bosch EDC MS 6.1		X		X		
TG-L	Bosch EDC 7	X	X				
TG-L	EDC 7C32,Bosch	X	X		X		

Vehicle or Module	System	ECU INFO	DTC	DTC Freeze	Data List	Actuations	Spec. Func.
TG-L	Bosch EDC MS 6.1	X	X		X		Accumulator solenoid valve Control unit power supply voltage, Pressure sensors Pressure sensors Level sensor calibration
TG-M	Bosch EDC 7	X	X		X		
TG-M	EDC 7C32,Bosch	X	X		X		
TG-M	Bosch EDC MS 6.1	X	X				
TG-M	Bosch EDC 7	X	X		X		
TG-M	EDC 7C32,Bosch	X	X		X		
TG-M	Bosch EDC MS 6.1	X	X				
TG-M	Bosch EDC 7		X		X		
TG-M	EDC 7C32,Bosch		X		X		
TG-M	Bosch EDC MS 6.1		X		X		
TG-M	Bosch EDC 7		X		X		
TG-M	EDC 7C32,Bosch		X		X		
TG-M	540		X		X		
TG-M	540		X		X		
TG-M	Knorr EBS 4x2		X		X		
TG-M	Knorr EBS 6x2(3rd central axle)	X	X				
TG-M	Knorr EBS 6x2(3rd towed axle)	X	X		X	X	
TG-M	Knorr EBS 6x4	X	X		X		Accumulator solenoid valve Control unit power supply voltage, Pressure sensors Pressure sensors Level sensor calibration
TG-S	Bosch EDC MS 6.1	X	X		X		
TG-S	Bosch EDC 7	X	X		X		
TG-S	EDC 7C32,Bosch	X	X				
TG-S	Bosch EDC MS 6.1	X	X		X		
TG-S	Bosch EDC 7	X	X		X		
TG-S	EDC 7C32,Bosch	X	X				
TG-S	Bosch EDC MS 6.1	X	X		X		

Vehicle or Module	System	ECU INFO	DTC	DTC Freeze	Data List	Actuations	Spec. Func.
TG-S	Bosch EDC 7	X	X		X		
TG-S	EDC 7C32,Bosch	X	X				
TG-S	Bosch EDC MS 6.1	X	X		X		
TG-S	Bosch EDC 7	X	X		X		
TG-S	EDC 7C32,Bosch	X	X				
TG-S	Bosch EDC MS 6.1	X	X		X		
TG-S	Bosch EDC 7	X	X		X		
TG-S	EDC 7C32,Bosch	X	X				
TG-S	Bosch EDC MS 6.1	X	X		X		
TG-S	Bosch EDC 7	X	X		X		
TG-S	EDC 7C32,Bosch	X	X				
TG-S	Bosch EDC MS 6.1	X	X		X		
TG-S	Bosch EDC 7	X	X		X		
TG-S	EDC 7C32,Bosch	X	X				
TG-S	Bosch EDC MS 6.1	X	X		X		
TG-S	Bosch EDC 7	X	X		X		
TG-S	EDC 7C32,Bosch	X	X				
TG-S	Bosch EDC MS 6.1	X	X		X		
TG-S	Bosch EDC 7	X	X		X		
TG-S	EDC 7C32,Bosch	X	X				
TG-S	Bosch EDC MS 6.1	X	X		X		
TG-S	Bosch EDC 7	X	X		X		
TG-S	EDC 7C32,Bosch	X	X				
TG-S	Bosch EDC MS 6.1		X		X		
TG-S	Bosch EDC 7		X		X		
TG-S	EDC 7C32,Bosch		X		X		
TG-S	Knorr EBS 6x4		X		X		
TG-S	Knorr EBS 8x4		X		X		
TG-S	Knorr EBS Vehicle H88		X		X		
TG-S	Knorr EBS Vehicle H95		X		X		
TG-S	VD0 FFR Vehicle-Engine(Navigator)		X		X		
TG-S	Wabco ECAS CAN Man protocol	X	X				
TG-S	Wabco ECAS CAN 2 Wabco protocol	X	X		X	X	
TG-S	Wabco ECAS CAN 2 [07/10>] Man protocol	X	X		X		



Vehicle or Module	System	ECU INFO	DTC	DTC Freeze	Data List	Actuations	Spec. Func.
TG-S	Wabco ESAC	X	X		X		Accumulator solenoid valve Control unit power supply voltage, Pressure sensors Pressure sensors Level sensor calibration
TG-X	440	X	X		X		
TG-X	440	X	X		X		
TG-X	440	X	X				
TG-X	Knorr EBS 4x2		X		X		
TG-X	Knorr EBS 6x2(3rd central axle)		X		X		
TG-X	Knorr EBS 6x2(3rd towed axle)		X		X		
TG-X	Knorr EBS 6x4		X		X		
TG-X	Knorr EBS 8x4		X		X		
TG-X	Knorr EBS Vehicle H88		X		X		
TG-X	Knorr EBS Vehicle H95		X		X		
TG-X	VD0 FFR Vehicle-Engine(Navigator)		X		X		
TG-X	Wabco ECAS CAN Man protocol	X	X				
TG-X	Wabco ECAS CAN 2 Wabco protocol	X	X		X	X	
TG-X	Wabco ECAS CAN 2 [07/10>] Man protocol	X	X		X		
TG-X	Wabco ESAC	X	X		X		Accumulator solenoid valve Control unit power supply voltage, Pressure sensors Pressure sensors Level sensor calibration