		J	Diagnostic List Man_v7	. 45							
2. – : means that the s	system has this function system does not have this function										
compared with the last version, the new added function is marked in red color.  Function											
Model	System	System	System	Version info.	Read DTC	Clear DTC	Read Data stream	Action test	Remark(other functions)		
MAN ENG	BOSCH EDC MS5/M(S)5			$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	_		
Divided by the system	Automatic control unit detection from vehicle			$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$		
Divided by the system	Brake / sustained-action brake	EBS	EBS(Auto detect)	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	Parameter, Assignment tests, Dynamometer test rig, Safety error memory		
Divided by the system	Brake / sustained-action brake	EBS	EBS 2.2/2.3, KNORR	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-		
Divided by the system	Brake / sustained-action brake	EBS	EBS 5, KNORR	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	_		
Divided by the system	Brake / sustained-action brake	EBS	EBS 2 Wabco	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	Parameter		
Divided by the system	Brake / sustained-action brake	ECAM	Haldex ECAM(Auto detect)								
Divided by the system	Brake / sustained-action brake	ECAM	Haldex ECAM	$\checkmark$	$\checkmark$	$\checkmark$	-	-	-		
Divided by the system	Brake / sustained-action brake	Sustained-action brakes	Sustained-action brakes(Auto detect)	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	_		
Divided by the system	Brake / sustained-action brake	Sustained-action brakes	ZF Intarder	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-		
Divided by the system	Brake / sustained-action brake	Sustained-action brakes	Retarder R115E/R120-3/R133-2 Voith	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	Parameter		
Divided by the system	Brake / sustained-action brake	Sustained-action brakes	PriTarder(Voith water pump retarder)	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-		
Divided by the system	Brake / sustained-action brake	Sustained-action brakes	Intarder3	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-		
Divided by the system	Running gear / Steering	ECAS	ECAS(Auto detect)	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	~	Calibration ride height,Calibration pressure sensors		
Divided by the system	Running gear / Steering	ECAS	ECAS/EFR	$\checkmark$	$\checkmark$	$\checkmark$	-	-	_		
Divided by the system	Running gear / Steering	ECAS	ECAS2 Wabco	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	_		
Divided by the system	Running gear / Steering	ECAS	ECAS2 CDC Wabco	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-			
Divided by the system	Running gear / Steering	Rear axle steering	Rear axle steering(Auto detect)	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	Parameter		
Divided by the system	Running gear / Steering	Rear axle steering	RAS-EC1 steering system, rear axle, ZF	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-		
Divided by the system	Running gear / Steering	Rear axle steering	Steering system(EHLA/ALA)Mobil Elektronik	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	_		
Divided by the system	Engine / Exhaust post-treatment	EDC	EDC(Auto detect)	$\checkmark$	$\checkmark$	~	~	$\checkmark$	Compression test, Rev-up test, Cylinder shut-off test, Governor linkage dynamics, High-pressure test, Pressure-limiting valve(DBV) open test, Reset torque limiting and flashing MIL, Evaluation, Operating dat		
Divided by the system	Engine / Exhaust post-treatment	EDC	EDC MS6.1 BOSCH	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-		
Divided by the system	Engine / Exhaust post-treatment	EDC	EDC 7 BOSCH	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$			
Divided by the system	Engine / Exhaust post-treatment	EDC	EDC 7C32 Bosch	~	$\checkmark$	$\checkmark$	$\checkmark$	1	Cylinder shut-off test,High- pressure test,Pressure- limiting valve(DBV) open tes		
Divided by the system	Engine / Exhaust post-treatment	EDC	EDC MS 6.4, Bosch	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-			
Divided by the system	Engine / Exhaust post-treatment	EDC	EDC 7 master, Bosch	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-		
Divided by the system	Engine / Exhaust post-treatment	EDC	EDC 7 slave, Bosch	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-			
								1			

		Dia	gnostic List Man_v7	7.45						
Dement										
2 : means that the	system has this function system does not have this function									
3. compared with the last version, the new added function is marked in red color.  Function										
Model	System	System	System	Version info.	Read DTC	Clear DTC	Read Data stream	Action test	Remark(other functions)	
Divided by the system	Engine / Exhaust post-treatment	EDC	EDC 7C32 slave, Bosch	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-	
Divided by the system	Engine / Exhaust post-treatment	CNG gas engine control	Gas ME 7,Bosch	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	_	
Divided by the system	Engine / Exhaust post-treatment	CRT(self-cleaning prarticle filter)MAN(Auto detect)		~	~	~	V	√	Evaluation, Rev-up test, Cylinder shut-off test, High-pressure test, Injector test, Pressure- limiting valve(DBV) open test, Particulate filter, Particulate Filter Regeneration Service, HCI system test, Resetting the learned values particle filter differential pressure sensor, Resetting learning values pressure relief valve	
Divided by the system	Engine / Exhaust post-treatment	CRT(self-cleaning prarticle filter)MAN	CRT(self-cleaning prarticle filter)MAN	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-	
Divided by the system	Engine / Exhaust post-treatment	CRT(self-cleaning prarticle filter)MAN	EDC17	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-	
Divided by the system	Engine / Exhaust post-treatment	CRT(self-cleaning prarticle filter)MAN	EGC4	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-	
Divided by the system	Engine / Exhaust post-treatment	AdBlue system	AdBlue system(Auto detect)	$\checkmark$	~	$\checkmark$	~	~	Initial startup,Adblue metering module test,Checking the air lines(8 bar),Maximum supply module quantity,Empty AdBlue circuit	
Divided by the system	Engine / Exhaust post-treatment	AdBlue system	DENOX AdBlue system, Bosch	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	_	
Divided by the system	Engine / Exhaust post-treatment	AdBlue system	NONOX AdBlue system, Grundfos	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-	
Divided by the system	Gearbox / Powertrain	Gearbox	Gearbox(Auto detect)	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	Parameter	
Divided by the system	Gearbox / Powertrain	Gearbox	ASTRONIC ZF	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	
Divided by the system	Gearbox / Powertrain	Gearbox	ASTRONIC mid ZF	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	
Divided by the system	Gearbox / Powertrain	Gearbox	Ecomat 2/4 ZF	$\checkmark$	$\checkmark$	$\checkmark$	-	-	-	
Divided by the system	Gearbox / Powertrain	Gearbox	DIWA.5 Voith Turbo	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-	
Divided by the system	Gearbox / Powertrain	Hydro Drive MAN	Hydro Drive MAN(Auto detect)	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	
Divided by the system	Gearbox / Powertrain	Hydro Drive MAN	Hydro Drive MAN	√ ,	√ 	√ ,	√ 	-	-	
Divided by the system	Gearbox / Powertrain	WSK	WSK(Auto detect) Torque converter and clutch	√	~	V	~	-		
Divided by the system	Gearbox / Powertrain	WSK	system TC2 ZF	$\checkmark$	$\checkmark$	$\checkmark$	-	-	-	
Divided by the system	Gearbox / Powertrain	VSM	VSM SVDO	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-	
Divided by the system	Gearbox / Powertrain	VSM	TIPMATIC 3	$\checkmark$	$\checkmark$	$\checkmark$	-	-	_	
Divided by the system	Climate control / auxiliary heaters	Air-conditioning/auxiliary air- conditioning/heating(Auto detect)		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	1	_	
Divided by the system	Climate control / auxiliary heaters	Air-conditioning / auxiliary air- conditioning / heating	Behr/GKR air-conditioning control	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	~	-	
Divided by the system	Climate control / auxiliary heaters	Air-conditioning / auxiliary air- conditioning / heating	Air-conditioning system KR 49x Bader	$\checkmark$	$\checkmark$	$\checkmark$	_	-	_	
Divided by the system	Climate control / auxiliary heaters	Air-conditioning / auxiliary air- conditioning / heating	Heating / air conditioning / auxiliary air conditioning BHTC, Behr	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	_	
Divided by the system	Climate control / auxiliary heaters	Air-conditioning / auxiliary air- conditioning / heating	Independent air-conditioning control unit	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-	
Divided by the system	Climate control / auxiliary heaters	Air-conditioning / auxiliary air- conditioning / heating	Independent air-conditioning control	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-	

		Dia	gnostic List Man_v7	. 45					
2: means that the s	system has this function system does not have this function t version, the new added function								
Model	System	System	System	Version	Read	Clear	Read Data	Function	
model			bystem	info.	DTC	DTC	stream	Action test	Remark(other functions)
Divided by the system	Climate control / auxiliary heaters	Additional heaters air or water(Auto detect)		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-
Divided by the system	Climate control / auxiliary heaters	Additional heaters air or water	D1LC- / D3LC Compact, Eberspacher	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	_	_
Divided by the system	Climate control / auxiliary heaters	Additional heaters air or water	Air Top 3500 ST,Webasto	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	_	-
Divided by the system	Climate control / auxiliary heaters	Additional heaters air or water	Air Top 3500,Webasto SG 11580	_	$\checkmark$	$\checkmark$	_	-	-
Divided by the system	Climate control / auxiliary heaters	Additional heaters air or water	Hydronic D5W,Eberspaecher	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-
Divided by the system	Climate control / auxiliary heaters	Additional heaters air or water	Thermo 50, Webasto	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	_
Divided by the system	Climate control / auxiliary heaters	Additional heaters air or water	Hydronic 24/30/35, Eberspacher	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	_	_
Divided by the system	Climate control / auxiliary heaters	Additional heaters air or water	Air Top 3500,Webasto SG 11580 old	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	_	_
Divided by the system	Climate control / auxiliary heaters	Additional heaters air or water	D1LC-/D3LC Compact(9A),Eberspacher	_	$\checkmark$	$\checkmark$	-	-	-
Divided by the system	Climate control / auxiliary heaters	Additional heaters air or water	Thermo S, Spheros	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	Switch heater on/off
Divided by the system	Climate control / auxiliary heaters	Additional heaters air or water	Air Top 2000 OEM,Webasto	-	$\checkmark$	$\checkmark$	$\checkmark$	-	Actuator test,Fill fuel line
Divided by the system	Central computer / instrumentation	Instrumentation(Auto detect)		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	_
Divided by the system	Central computer / instrumentation	Instrumentation	VDO-Kienzle instrumentation	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-
Divided by the system	Central computer / instrumentation	Instrumentation	Instrumentation Stoneridge Electronics	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	_
Divided by the system	Central computer / instrumentation	FFR/PTM/MFR(Auto detect)		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	~	Accelerator pedal calibration,Roller dynamometer mode,Parameters
Divided by the system	Central computer / instrumentation	FFR/PTM/MFR	VDO FFR	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-
Divided by the system	Central computer / instrumentation	ZBR(central on-board computer)	CBR II Wabco up to version E5	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	_
Divided by the system	Central computer / instrumentation	ZBR(central on-board computer)	CBR II Wabco from version E6 onwards	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	_
Divided by the system	Central computer / instrumentation	ZBRO	ZBRO(Auto detect)	$\checkmark$	$\checkmark$	~	_	_	CAN switch teach-in,Activate trade show function,Deactivate trade show function,Minimise ZBR032 after-running,Simulation trip
Divided by the system	Central computer / instrumentation	ZBRO	ZBRO control unit software status 'ZR_103' or earlier	$\checkmark$	$\checkmark$	$\checkmark$	-	-	-
Divided by the system	Central computer / instrumentation	ZBRO	ZBRO control unit software status 'ZR_104'	$\checkmark$	$\checkmark$	$\checkmark$	-	-	-
Divided by the system	Central computer / instrumentation	ZBRO	ZBR032	$\checkmark$	$\checkmark$	$\checkmark$	_	-	-
Divided by the system	Central computer / instrumentation	Customer's special module(Auto detect)		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-
Divided by the system	Central computer / instrumentation	Customer's special module	VDO KSM	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	_	-
Divided by the system	Central computer / instrumentation	ZFR(Auto detect)		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	_	Parameter

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Model	System	System	System	Version info.	Read DTC	Clear DTC	Read Data stream	Function Action test	Remark(other functions)
Divided by the system	Central computer / instrumentation	ZFR	ZFR MAN	√	~	√	√	-	-
Divided by the system	Central computer / instrumentation	ZFR	PTM	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-
Divided by the system	Central computer / instrumentation	ZFR	Engine management computer(MFR)	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-
Divided by the system	Central computer / instrumentation	FFR Step 12		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	~	-
Divided by the system	Central computer / instrumentation	Wabco ZBR II(Auto detect)		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	Calibration
Divided by the system	Central computer / instrumentation	Wabco ZBR II		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	√	_
Divided by the system	Comfort / assistance / safety systems	ACC MAN	ACC MAN(Auto detect)	_	$\checkmark$	-	_	-	-
Divided by the system	Comfort / assistance / safety systems	ACC MAN	ACC MAN	_	$\checkmark$	$\checkmark$	_	-	-
Divided by the system	Comfort / assistance / safety systems	LGS(Lane Guard System)	LGS(Auto detect)	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-
Divided by the system	Comfort / assistance / safety systems	LGS(Lane Guard System)	LGS ITERIS	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	_	-
Divided by the system	Comfort / assistance / safety systems	Tire Pressure Monitor(TPM)Wabco	Tire Pressure Monitor(TPM)Wabco	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-
Divided by the system	Comfort / assistance / safety systems	Telematik Boardmodul(TBM)OHB	Telematik Boardmodul (TBM) OHB (Auto detect)	$\checkmark$	$\checkmark$	$\checkmark$	-	$\checkmark$	Parameter
Divided by the system	Comfort / assistance / safety systems	Telematik Boardmodul(TBM)0HB	Telematik Boardmodul(TBM)OHB	$\checkmark$	$\checkmark$	$\checkmark$	-	-	-
Divided by the system	Comfort / assistance / safety systems	Door modules	Door modules(Auto detect)	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-
Divided by the system	Comfort / assistance / safety systems	Door modules	Berifors door module	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-
Divided by the system	Comfort / assistance / safety systems	Door modules	Door module TRW	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-
Divided by the system	Comfort / assistance / safety systems	Universal mobile phone preparation(UHV)FwD(Auto detect)		$\checkmark$	-	_	$\checkmark$	$\checkmark$	-
Divided by the system	Comfort / assistance / safety systems	Universal mobile phone preparation(UHV)FwD		$\checkmark$	-	_	$\checkmark$	$\checkmark$	-
Divided by the system	Comfort / assistance / safety systems	Radar sensor	Radar sensor	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-
Divided by the system	Comfort / assistance / safety systems	Airbag	BOSCH Airbag	$\checkmark$	$\checkmark$	$\checkmark$	_	-	-
Divided by the system	Central computer, marine and auxiliary engines	Ship vehicle management computer(SFFR)(Auto detect)		$\checkmark$	$\checkmark$	$\checkmark$	_	-	-
Divided by the system	Central computer, marine and auxiliary engines	Ship vehicle management computer(SFFR)	Ship vehicle management computer(SFFR)	$\checkmark$	$\checkmark$	$\checkmark$	-	_	-
Divided by the system	Central computer, marine and auxiliary engines	MAN Marine Diagnose System(Auto detect)		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-
Divided by the system	Central computer, marine and auxiliary engines	MAN Marine Diagnose System	MAN Marine Diagnose System(MMDS)	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-
Divided by the system	Central computer, marine and auxiliary engines	EDC	EDC MS6.1 BOSCH	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	_	-
Divided by the system	Central computer, marine and auxiliary engines	EDC	EDC 7 BOSCH	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-

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Function											
Model	System	System	System	Version info.	Read DTC	Clear DTC	Read Data stream	Action test	Remark(other functions)		
Divided by the system	Central computer, marine and auxiliary engines	EDC	EDC 7C32 Bosch	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-		
Divided by the system	Central computer, marine and auxiliary engines	EDC	EDC MS 6.4, Bosch	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-		
Divided by the system	Central computer, marine and auxiliary engines	EDC	EDC 7 master, Bosch	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-		
Divided by the system	Central computer, marine and auxiliary engines	EDC	EDC 7 slave, Bosch	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-		
Divided by the system	Central computer, marine and auxiliary engines	EDC	EDC 7C32 master, Bosch	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-		
Divided by the system	Central computer, marine and auxiliary engines Central computer, marine and	EDC	EDC 7C32 slave, Bosch	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-		
Divided by the system	auxiliary engines Central computer, marine and	CNG gas engine control(Auto detect)		~	$\checkmark$	~	$\checkmark$	_			
Divided by the system	auxiliary engines Central computer, marine and	CNG gas engine control	Gas ME 7, Bosch	√	√	√	√		-		
Divided by the system	auxiliary engines Central computer, marine and	FFR/PTM/MFR	VDO FFR	~	√	√ ,	√ ,	-	-		
Divided by the system	auxiliary engines Central computer, marine and	FFR/PTM/MFR FFR/PTM/MFR	PTM Engine management	~	~	~	~	_	-		
Divided by the system	auxiliary engines		computer(MFR)	N	v	V	V		-		
Divided by the system	Hybrid components	EMU(Auto detect)		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-		
Divided by the system	Hybrid components	EMU	EMU Energy Managment Uint	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	_	-		
ivided by the system	Hybrid components	Vehicle electrical system power converter(Auto detect)	Vahiala alastrical sustar	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	Parameter		
Divided by the system	Hybrid components	Vehicle electrical system power converter	Vehicle electrical system power converter	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-		
ivided by the system	Hybrid components	MT-Gateway	MT-Gateway	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	_	-		
ivided by the system	Hybrid components	UltraCap Management(Auto detect)		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$			
ivided by the system	Hybrid components	UltraCap Management	UCM Ultracap-Management	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	_	_		
ivided by the system	Hybrid components	Wechselrichter(Auto detect)		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	_	_		
ivided by the system	Hybrid components	Wechselrichter	Wechselrichter	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-		
ivided by the system	Hybrid components	DICO(Auto detect)		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	_	Inverter identification		
ivided by the system	Hybrid components	DICO	DICO Siemens	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-		
Divided by the system	MAN Engine(Latin America)	EDC ENGINE		~	$\checkmark$	~	$\checkmark$	~	Compression test, Rev-up test, Cylinder shut-off test, Governor linkage dynamics, High-pressure test, Pressure-limiting valve(DBV) open test, Reset torque limiting and flashir MIL, Evaluation, Operating da		
)ivided by vehicle	E 2000	Braking force support	Voith VERA R115E	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	=		
ivided by vehicle	E 2000 Evolution	Braking force support	Voith VERA R115E	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-		
ivided by vehicle	E 2000 Evolution	Diesel injection system	BOSCH EDC MS 6.1	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-		
ivided by vehicle	F 90	Braking force support	Voith VERA R115E	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-		
ivided by vehicle	L 2000	Diesel injection system	BOSCH EDC MS 5	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-		
ivided by vehicle	LE 2000	Diesel injection system	BOSCH EDC MS 6.4	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-		
Divided by vehicle	LE 2000	Diesel injection system	BOSCH EDC MS 6.4 VERSION 1	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	_		
Divided by vehicle	LE 2000	Diesel injection system	BOSCH EDC MS 6.4 VERSION 2	1	/	1	,	1			

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Remark:	system has this function								
	system does not have this func-	tion							
	t version, the new added funct								
								Function	
Model	System	System	System	Version info.	Read DTC	Clear DTC	Read Data stream	Action test	Remark(other functions)
Divided by vehicle	М 2000	Braking force support	Voith VERA R115E	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-
Divided by vehicle	M 2000	Diesel injection system	BOSCH EDC MS 5	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$		-
Divided by vehicle	M 2000 L	Braking force support	Voith VERA R115E	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-
Divided by vehicle	M 2000 L Evolution	Braking force support	Voith VERA R115E	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-
Divided by vehicle	M 2000 M	Braking force support	Voith VERA R115E	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-
Divided by vehicle	M 90	Braking force support	Voith VERA R115E	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-
Divided by vehicle	ME 2000	Diesel injection system	BOSCH EDC MS 6.4	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-
Divided by vehicle	TG-A	computer	Wabco Car PC	-	$\checkmark$	$\checkmark$	-	-	-
Divided by vehicle	TG-A	Diesel injection system	BOSCH EDC 7	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-
Divided by vehicle	TG-A	Diesel injection system	BOSCH EDC MS 6.1	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-
Divided by vehicle	TG-A	EBS	Knorr EBS 4 $\times$ 2	-	$\checkmark$	$\checkmark$	$\checkmark$	-	-
Divided by vehicle	TG-A	EBS	Knorr EBS 6 $\times$ 2 (Third Intermediate axle)	-	$\checkmark$	$\checkmark$	$\checkmark$	-	-
Divided by vehicle	TG-A	EBS	Knorr EBS 6 $\times$ 2 (the third dragging axle)	-	$\checkmark$	$\checkmark$	$\checkmark$	-	-
Divided by vehicle	TG-A	EBS	Knorr EBS 6 $\times$ 4	_	~	1	1	_	
Divided by vehicle	TG-A	EBS	Knorr EBS 8 $\times$ 4	-	√	1	1	_	-
Divided by vehicle	TG-A	EBS	Knorr EBS Auto H88	_	1	1	۰ ۲	_	_
Divided by vehicle	TG-A	EBS	Knorr EBS Auto H95	-	√	√	√	_	_
Divided by vehicle	TG-A	Engine - Auto adjustment	VDO FFR auto - engine (navigator)	-	$\checkmark$	$\checkmark$	$\checkmark$	-	-
Divided by vehicle	TG-A	EBS 2.3, KNORR	(101160101)	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-
Divided by vehicle	TG-A	ECAS2 Wabco		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	_	-
Divided by vehicle	TG-A	EDC 7 BOSCH		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-
Divided by vehicle	TG-A	FFR Step 10 VDO		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	_	-
Divided by vehicle	TG-A	Wabco ZBR II		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	_	-
Divided by vehicle	TG-A	Berifors door module		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	_	-
Divided by vehicle	TG-A	Behr/GKR air-conditioning control		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	_	-
Divided by vehicle	TG-A	Stoneridge Electronics Highline instrumentation		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	_
Divided by vehicle	TG-M	EBS 2, WABCO		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	_	Parameter
Divided by vehicle	TG-M	ECAS2 Wabco		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	_	-
Divided by vehicle	TG-M	ASTRONIC mid ZF		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	_	-
Divided by vehicle	TG-M	EDC7C32 V44, BOSCH		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	_	-
Divided by vehicle	TG-M	FFR Step 12		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	_	-
Divided by vehicle	TG-M	Wabco ZBR II		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-
Divided by vehicle	TG-M	Berifors door module		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-
Divided by vehicle	TG-M	Behr/GKR air-conditioning control		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-
Divided by vehicle	TG-M	Instrumentation Stoneridge Electronics		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-
Divided by vehicle	TG-S	PTM		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-
Divided by vehicle	TG-S	ECAS2 Wabco		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	$\checkmark$
Divided by vehicle	TG-S	DENOX AdBlue system V28 SOP,Bosch		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	$\checkmark$
Divided by vehicle	TG-S	EDC 7C32 V35. BOSCH		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
Divided by vehicle	TG-S	Wabco ZBR II		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	$\checkmark$
Divided by vehicle	TG-S	Door module TRW		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-
Divided by vehicle	TG-S	EBS 5, KNORR		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
Divided by vehicle	TG-S	ASTRONIC ZF		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	
Divided by vehicle	TG-S	universal mobile phone preparation(UHV)FwD		$\checkmark$	_	_	./	$\checkmark$	_
Divided by vehicle	10.0	universal moolle phone preparation(UHV)FWD	Page 6 7 total	Ŷ			v	v	1

3. compared with the last version,	the new added function	n is marked in red color.
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Diagnostic List Man_v7.45										
2 : means that the	system has this function system does not have this funct st version, the new added function									
								Function		
Model	System	System	System	Version info.	Read DTC	Clear DTC	Read Data stream	Action test	Remark(other functions)	
Divided by vehicle	TG-S	Heating / air conditioning / auxiliary air conditioning BHTC, Behr		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	$\checkmark$	
Divided by vehicle	TG-X	EBS 5, KNORR		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	1	$\checkmark$	
Divided by vehicle	TG-X	ECAS2 Wabco		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	$\checkmark$	
Divided by vehicle	TG-X	DENOX AdBlue system V28 SOP, Bosch		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	$\checkmark$	
Divided by vehicle	TG-X	РТМ		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	_	_	
Divided by vehicle	TG-X	ASTRONIC ZF		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-	
Divided by vehicle	TG-X	EDC 7C32 V35. BOSCH		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	_	$\checkmark$	
Divided by vehicle	TG-X	Heating / air conditioning / auxiliary air conditioning BHTC, Behr		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	$\checkmark$	
Divided by vehicle	TG-X	Instrumentation Stoneridge Electronics		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	
Divided by vehicle	TG-X	Multi Media System		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-	
Divided by vehicle	TG-X	Wabco ZBR II		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	$\checkmark$	
Divided by vehicle	TG-X	Door module TRW		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	
Divided by vehicle	TG-L	Diesel injection system	BOSCH EDC 7	-	$\checkmark$	$\checkmark$	$\checkmark$	-	-	
Divided by vehicle	TG-L	Engine - Auto adjustment	VDO FFR auto - engine (navigator)	-	$\checkmark$	$\checkmark$	$\checkmark$	-	-	
Divided by vehicle	MEXICO VOLKS-BUS	EDC ENGINE(Automatic detection)		~	~	~	Å	√	Compression test, Rev-up test, Cylinder shut-off test, Governor linkage dynamics, High-pressure test, Pressure-limiting valve (DBV) open test, Reset torque limiting and flashing MIL, Evaluation, Operating data	
Divided by vehicle	MEXICO VOLKS-BUS	Central computer, marine and auxiliary engines/Ship vehicle management computer(SFFR) (Auto detect)		$\checkmark$	$\checkmark$	$\checkmark$	_	_	-	
Divided by vehicle	MEXICO VOLKS-BUS	Central computer, marine and auxiliary engines/MAN Marine Diagnose System		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	_	_	
Divided by vehicle	MEXICO VOLKS-BUS	Central computer, marine and auxiliary engines/EDC		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	_	_	
Divided by vehicle	MEXICO VOLKS-BUS	Central computer, marine and auxiliary engines/CNG gas engine control		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-	
Divided by vehicle	MEXICO VOLKS-BUS	Central computer, marine and auxiliary engines/FFR/PTM/MFR		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	-	-	
Divided by vehicle	VW vehicle with Man engine	EDC ENGINE		~	~	~	V	$\checkmark$	Compression test, Rev-up test, Cylinder shut-off test, Governor linkage dynamics, High-pressure test, Pressure-limiting valve(DBV) open test, Reset torque limiting and flashing MIL, Evaluation, Operating data	