

## Shenzhen Xtooltech Co., Ltd

## **MAN Function List V6.41**

## Tips and Instructions:

The programming function only supports H6PRO, H6PRO Master Edition products.

- \* This feature is new.
- √ This feature is supported.
   This feature is not supported.
- \* This feature is partially supported.

system	system	system		ECU Version Information	Read DTC Code	Eras eDTC Code	Read Data Stream	Action test	Freeze frames	note
Engine system(ENG)	According to the electronic control system	Bosch Diesel Injection Electronic Control EDC MS5/M(S)5 System		1	1	1	4			
Engine system(ENG)	According to the electronic control system	Bosch Diesel Injection Electronic Control EDC MS6.1 system	Bosch Diesel Injection Electronic Control EDC MS6.1 System (Version 1)	1	1	1	4			
Engine system(ENG)	According to the electronic control system	Bosch Diesel Injection Electronic Control EDC MS6.1 system	Bosch Diesel Injection Electronic Control EDC MS6.1 System (Version 2)	1	1	1	4		4	
Engine system(ENG)	According to the electronic control system	Bosch Diesel Injection Electronic Control EDC		J	<b>4</b>	<b>√</b>	√		√	
Engine system(ENG)	According to the electronic control system	Bosch Diesel Injection Electronic Control EDC 7 System	Bosch Diesel Injection Electronic Control EDC 7 System (Version 1)	J	<b>√</b>	<b>√</b>	√			
Engine system(ENG)	According to the electronic control system	Bosch Diesel Injection Electronic Control EDC 7 System	Bosch Diesel Injection Electronic Control EDC 7 System	<b>4</b>	1	<b>4</b>	4	J	J.	Action test: 1.Exhaust gas reactivation
Engine system(ENG)	According to the electronic control system	Control EDC	Bosch Diesel Injection Electronic Control EDC 7 Main System	<b>J</b>	1	1	√		1	
Engine system(ENG)	According to the electronic control system	Bosch Diesel Injection Electronic Control EDC 7 System	Bosch Diesel Injection Electronic Control EDC 7 Subsystem	1	1	1	4		4	
Engine system(ENG)	According to the electronic control system	Bosch Diesel Injection Electronic Control EDC 7C32 System	Bosch Diesel Injection Electronic Control EDC 7C32 System	1	1	1	4	J	4	Action test: 1.Exhaust gas reactivation special function: 1.Broken cylinder test 1°6 2.high-pressure test 3.Pressure limit valve (DBV) opening test
Engine system(ENG)	According to the electronic control system	Bosch Diesel Injection Electronic Control EDC 7C32 System	Bosch Diesel Injection Electronic Control EDC 7C32 Main System	<b>J</b>	1	<b>J</b>	4		J.	
Engine system(ENG)	According to the electronic control system	Bosch Diesel Injection Electronic Control EDC 7C32 System	Bosch Diesel Injection Electronic Control EDC 7C32 Subsystem	1	1	<b>J</b>	√		<b>4</b>	

Engine system(ENG)	According to the electronic control	CNG gas engine system(CNG)	Natural Gas Engine System Bosch 7 System	√	√	√	<b>√</b>		√	
Engine system(ENG)	Divided by the engine type	D2866L0H23	Bosch EDC MS5 Euro 2 Engine System	✓	J	√	√	<b>√</b>		Action test: 1.Safety solenoid valve 2.Speed control timing device
Engine system(ENG)	Divided by the engine type	D2866L0H25	Bosch EDC MS5 Euro 2 Engine System	<b>√</b>	J.	√	√	<b>√</b>		Action test: 1.Safety solenoid valve 2.Speed control timing device
Engine system(ENG)	Divided by the engine type	D2866L0H27	Bosch EDC MS5 Euro 3 Engine System	1	√	√	√	√		Action test: 1.Safety solenoid valve 2.Speed control timing device 3.Exhaust gas recirculation valve
Engine system(ENG)	Divided by the engine type	D2866L0H28	Bosch EDC MS5 Euro 3 Engine System	7	<b>,</b>	<b>√</b>	✓	<b>√</b>		Action test: 1.Safety solenoid valve 2.Speed control timing device 3.Exhaust gas recirculation valve
Engine system(ENG)	Divided by the engine type	D2866L0H29	Bosch EDC MS5 Euro 3 Engine System	7	<b>4</b>	4	4	4		Action test: 1.Safety solenoid valve 2.Speed control timing device 3.Exhaust gas recirculation valve
Engine system(ENG)	Divided by the engine type	D2876L0H01	Bosch EDC MS5 Euro 2 Engine System	<b>√</b>	<b>V</b>	<b>√</b>	<b>√</b>	<b>√</b>		Action test: 1. Safety solenoid valve 2. Speed control timing device
Electronic brake control system(EBS)	Knorr EBS/ESP	Knorr 2.2/2.3 system(Busi ness)		√	√	√	√	√		Action test: 1.Pressure- control module 2.Check the lights and display information 3.Interface, ASR, E ngine Regulator 4.Analog foot
Electronic brake control system(EBS)	Knorr EBS/ESP	Knorr 2.2/2.3 system(Bus)		√	J.	√	J.	<b>√</b>	<b>4</b>	Action test: 1.Pressure- control module 2.Check the lights and display information 3.Interface, ASR, E ngine Regulator 4.Analog foot brake module
Electronic brake control system(EBS)	Knorr EBS/ESP	Knorr 5 system		√	J.	<b>√</b>	4	<b>√</b>	<b>√</b>	Action test: 1.Pressure- control module 2.Check lamp and display information Special function: 1.Check pressure control module layout 2.Check wheel sensor 3.Dynamometer test bench 4.ESP Sensor calibration
Electronic brake control system(EBS)	Wabco EBS	Wabco 2 system		√	J.	<b>√</b>	<b>4</b>	<b>√</b>	√	Action test: 1. Pressure- control module 2. Check lamp and display information 3. Redundancy test Special function: 1. parameter
Car Meter system	VDO-Kienzle meter system			√	<b>√</b>	✓	√		√	
Car Meter system	Stoneridge meter system			✓	<b>√</b>	√	√	√	<b>J</b>	Action test: 1.Pulse width modulation channel/buzzer 2.Instrument pointer 3.LED display 4.LCD display
Transmissio n system	ZF system	AStronic series	ZF AStronic system	✓	<b>√</b>	√	√	√	J	Action test: 1. Shift valve 2. Clutch valve 3. Engine connection
Transmissio n system	ZF system	AStronic series	Ecomat series	✓	J.	√			√	
Transmissio n system	ZF system	AStronic series	EcoLife series	1	√	√	√		√	

Transmissio n system	Voith system	Voith DIWA.5 system	√	J	J.	J.		√	
Transmissio n system	MAN Hydrostatical ly driven front axle system		√	J	J.	<b>√</b>		1	
Transmissio n system	WSK system	ZF Hydraulic torque converter clutch system(TC2 ZF)	J	√	√			J.	
Transmissio n system	Body Stability Control System(VSM)		1	1	√ 	√		√	
Post- processing system	Mangel particle filter system	Manzijie particulate filter system(CRT)	4	1	J	1		1	
Post- processing system	Mangel particle filter system	EDC17 system	J	J	4	4		<b>4</b>	
Post- processing system	Mangel particle filter system	EGC4 system	J	<b>√</b>	√	<b>√</b>		√	
Post- processing system	AdBlue system	DENOX AdBlue system (Bosch)	J	√	√	√	√	√	Action test: 1.AdBlue line heating in supply module 2.AdBlue main filter and pump heating 3.AdBlue heating circuit coolant valve 4.Measurement module 5.Pump activation in the supply module
Post- processing system	AdBlue system	NONOX AdBlue system (Grundfos)	√	J	J	√		1	
Retarder system	ZF Retarder System		√	1	<b>1</b>	<b>J</b>		√	
Retarder system	Voith Retarder		J	1	√	<b>√</b>		J	
Electronica 11y controlled air management system(ECAM	Prudential Electronic Air Management System		√	1	<b>J</b>			J	
Electronica 11y controlled air suspension system(ECAS	ECAS_EFR		√	J	√	4	<b>√</b>	1	Action test: 1.Left rear shaft solenoid valve 2.Right rear shaft solenoid valve 3.Solenoid valve tank 4.Left lift shaft solenoid valve 5.Right lift shaft solenoid valve
)			√ 	√	√	√	√	1	Action test: 1.Left rear shaft solenoid valve 2.Solenoid valve tank special function: 1.Complete rough control of rear axle 2.Complete control of rear axle 3.Left rear axle precision control 4.Right control on the right side of the row and 5.Digate the value of the
Rear axle steering system	ZF RAS_EC1 steering system		√	J	√	√		√	
Auxiliary heater system	Eberspacher heating system	Cyclic heating D5W system	✓	1	√	√		1	

Auxiliary heater system	Eberspacher heating system	Cycle heating 24/30/35 system	J	√	√	√		<b>√</b>	
Auxiliary heater system	Webasto heating system	Air Top 2000 OEM System		J	✓	√	<b>√</b>	<b>√</b>	Action test: 1. Preheat indicator light test 2. Metering pump test 3. Blower motor test Special function: 1. Metering pump test
Auxiliary heater system		Air Top 3500 SG 11580 System		√	<b>√</b>			<b>J</b>	
Auxiliary heater system		Air Top 3500 SG 11580 OLD System	J	1	√	√		1	
Central vehicle computer module	Central vehicle computer(ZBR)	CBR II WABCO E5 Pre-System	1	1	√	<b>V</b>			
Central vehicle computer module	Central vehicle computer(ZBR)	CBR II WABCO E6 After System	1	4	J.	7			
Central vehicle computer module	Central vehicle computer(ZBR)	ZBR II WABCO Systems	J.	<b>√</b>	<b>4</b>	1	4	<b>J</b>	Action test: 1.Indicators 2.Indicator light 3.Relay 4.other special function: 1.Automatic headlight beam adjustment
Central vehicle computer module	Engine Management Computer(MFR) System		J	√	√	√		<b>4</b>	
Central vehicle computer module	ZBRO System		√	√	√			4	
Central vehicle computer module	MAN ZFR System		J	√	√	<b>√</b>		√	
Central vehicle computer module	Customer- specific modules(VDO KSM) System		J	√	<b>√</b>	√		√	
Adaptive Cruise System(ACC)	MAN ACC System			√	√			J	
	WABCO tire pressure monitoring system(TPMS)		J	J	√ .	√		<b>√</b>	
Security system	Bosch airbag system		J	√	√	√		J	
Security system	Lane safety maintenance system(LGS_It eris)		J	√	√	<b>J</b>		<b>√</b>	
Security system	Universal Mobile Phone Adaptation (UHV) FWD System		J			√	√		Action test: 1.Microphone test 2.Test radio shield 3.Test signal

Security system	Radar sensor system			J.	1	<b>1</b>	<b>√</b>	√	
Hybrid module system	MT Gateway System			J.					
Hybrid module system	EMU Energy Management Unit System			√	√	√	√	J	
Hybrid module system	Vehicle electrical system power converter system			1	1	<b>√</b>	<b>J</b>	J	
Hybrid module system	UCM Ultracapacito r Management System			4	1	,	4	1	
Hybrid module system	Inverter system			√			4	1	
Hybrid module system	DICO Siemens system			√	1	1	1	1	
Maintenance light zeroing system	MAN Maintenance light zeroing system								special function: 1. Reset maintenance parameters 2. Reset maintenance
E 2000 vehicle model	Retarder system	Voith VERA R115E system		√	√	√	√		
E 2000 Evolution vehicle model	Retarder system	Voith VERA R115E system		√	√	√	√		
E 2000 Evolution vehicle model	Diesel Injection system	310	Bosch Diesel Injection Electronic Control(EDC) MS 6.1 system	√	√	√	√		
E 2000 Evolution vehicle model	Diesel Injection system	360	Bosch Diesel Injection Electronic Control(EDC) MS 6.1 system	J	<b>√</b>	√	<b>√</b>		
E 2000 Evolution vehicle model	Diesel Injection system	410	Bosch Diesel Injection Electronic Control(EDC) MS 6.1 system	√	1	<b>4</b>	<b>4</b>		
E 2000 Evolution vehicle model	Diesel Injection system	414	Bosch Diesel Injection Electronic Control(EDC) MS 6.1 system	√	<b>4</b>	<b>√</b>	<b>J</b>		
F 2000 vehicle model	Retarder system	Voith VERA R115E system		√	√	√	<b>V</b>		
F 2000 Evolution vehicle model	Retarder system	Voith VERA R115E system		√	<b>1</b>	<b>√</b>	<b>J</b>		

F 2000 Evolution vehicle	Diesel Injection system		Bosch Diesel Injection Electronic Control(EDC) MS							
model		310	6.1 system	J	√	√	√			
F 90	Retarder system	Voith VERA R115E								
vehicle model		system		,	J	,	,			
				<b>*</b>	1	<b>"</b>	<b>\</b>			
			n 1 n: 1 T : .:							
L 2000 vehicle model	Diesel Injection system		Bosch Diesel Injection Electronic Control(EDC) MS							
		264	6.1 system	√	√	√	√			
LE 2000	Diesel Injection system		Bosch Diesel Injection							
vehicle model		140	Electronic Control(EDC) MS 6.1 system	J	<b>√</b>	√	√			
			0.1 System							
LE 2000	Diesel Injection system		Bosch Diesel Injection							
vehicle model	brober injection bybecm		Electronic Control(EDC) MS		1.					
		180	6.1 system	\	1	1	√			
LE 2000 vehicle model	Diesel Injection system		Bosch Diesel Injection Electronic Control(EDC) MS							
venicie modei		225	6.1 system	J	1	1	1			
								/		
LE 2000	Diesel Injection system		Bosch Diesel Injection							
vehicle model		250	Electronic Control (EDC) MS	./	./	./	./			
		250	6.1 system	ľ	ľ	ľ	ľ			
LE 2000	Diesel Injection system		Bosch Diesel Injection							
vehicle model	Dieser injection system		Electronic Control (EDC) MS							
		280	6.1 system	√	√	√	√			
LE 2000	Diesel Injection system	280	Bosch EDC MS	√	√	√	√			
vehicle model			6.4 version 1/version 2							
LE 2000	Diesel Injection system		Bosch Diesel Injection							
vehicle model		285	Electronic Control (EDC) MS		J	./	./			
			6.1 system	,		[	ľ			
M 2000	Detenden oveten	Voith VERA R115E		J	J	1	,			
vehicle model	Retarder system	system		<b>*</b>	1	<b>*</b>	<b>\</b>			
M 2000 vehicle model	Diesel Injection system		Bosch Diesel Injection Electronic Control(EDC) MS			1	1			
venicie modei		264	6.1 system	√	√	√	√			
						1	1			
M 2000 L	Retarder system	Voith VERA R115E		J	<b>√</b>	√	√			
vehicle model		system								
M 2000 M	Retarder system	Voith VERA R115E		J	J	./	J		-	
vehicle model	netarder system	system		ľ	T .	ľ	ľ			
					1					
M 2000 M Evolution vehicle	Retarder system	Voith VERA R115E				1	1			
model		system		J	√	√	√			
						1	1			
м 90	Retarder system	Voith VERA R115E								
vehicle		system		<b>\</b>	J	_,	./			
mode1				ļ ·	[	l ·	ľ			
	1	1	1	I	1	I	I	1	1	

ME 2000 vehicle model	Diesel Injection system		Bosch Diesel Injection Electronic Control(EDC) MS							
		250	6.1 system	<b>√</b>	√	<b>√</b>	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			
ME 2000	Diesel Injection system		Bosch Diesel Injection							
vehicle model	Diesel Injection system		Electronic Control(EDC) MS							
Tonicio model		280	6.1 system	√	√	√	√			
ME 2000	Diesel Injection system		Bosch Diesel Injection							
vehicle model			Electronic Control (EDC) MS							
		280	6.1 system	√	√	√	√			
TG-A	Diesel Injection system		Bosch Diesel Injection							
vehicle model		280	Electronic Control(EDC) 7	,	,	,	,			
		200	system	ľ	•	1	ľ			
TG-A	Diesel Injection system		Bosch Diesel Injection							
vehicle model		310	Electronic Control(EDC) MS 6.1 system	J	1	√	√			
			or i system							
TC-A	Diocal Injectionto-	1	Rosch Diocol Inication						<del>                                     </del>	
TG-A vehicle model	Diesel Injection system		Bosch Diesel Injection Electronic Control(EDC) 7							
		310	system	√	1	1	1			
								/		
TG-A	Diesel Injection system		Bosch Diesel Injection							
vehicle model			Electronic Control(EDC) 7							
		330	system	√	√	√	√			
TG-A	Diesel Injection system		Bosch Diesel Injection							
vehicle model		350	Electronic Control(EDC) 7	.,	./	./	./			
			system	,	[	[`	,			
TG-A	Diesel Injection system		Bosch Diesel Injection							
vehicle model		360	Electronic Control(EDC) 7 system	√	√	√	√			
TG-A	Diesel Injection system		Bosch Diesel Injection							
vehicle model			Electronic Control(EDC) 7							
		360	system	√	1	√	√			
TG-A	Diesel Injection system		Bosch Diesel Injection							
vehicle model		390	Electronic Control(EDC) 7	,	./	.,	,			
		350	system	ľ	1	1	ľ			
TG-A vehicle model	Diesel Injection system		Bosch Diesel Injection							
venicie modei		410	Electronic Control(EDC) MS 6.1 system	√	√	√	√	1		
	1		0,000m		1	1		1		
TG-A	Diesel Injection system		Bosch Diesel Injection		<del>                                     </del>	<del> </del>				
vehicle model	preser injection system		Flactronic Control(FDC) 7							
		410	system	√	√	√	√	1		
TG-A	Diesel Injection system	1	Bosch Diesel Injection		1					
vehicle model		430	Electronic Control(EDC) 7	1,	,	,	l ,			
		430	system	<b>'</b>	1	<b>'</b>	ľ			
TG-A	Bosch Diesel Injection	1			1	ĺ		1		Action test: 1.Exhaust gas reactivation
vehicle model	Electronic Control EDC 7 system			J	1	√	√	√	√	
	System				1	1		1		
	1	Bosch Diesel Injection Electronic			-	-		-	1	Astion toots 1 Pulsuat as postination assist function 1 Post a
TG-M	1	Control EDC 7C32 system			1	1		1		Action test: 1.Exhaust gas reactivation special function: 1.Broken cylinder test 1~6
vehicle model	Diesel Injection system			√	√	√	√	√	√	2. high-pressure test
		1			1	ĺ		1		3. Pressure limit valve (DBV) opening test
	1	1		1	1	1	1		1	

TG-M vehicle model	Diesel Injection system	Bosch Diesel Injection Electronic Control EDC MS6.1		√	1	√	<b>√</b>			
TG-M vehicle model	Diesel Injection system	Bosch Diesel Injection Electronic Control EDC MS6.1		J	√	√	√	J	√	Action test: 1.Exhaust gas reactivation
TG-S vehicle model	Diesel Injection system	Bosch Diesel Injection Electronic Control EDC 7C32 system		J	√	√	√	√	J	Action test: 1. Exhaust gas reactivation special function: 1. Broken cylinder test 1 <sup>7</sup> 6 2. high-pressure test 3. Pressure limit valve (DBV) opening test
TG-S vehicle model	Diesel Injection system	Bosch Diesel Injection Electronic Control EDC MS6.1		1	1	1	4			
TG-S vehicle model	Diesel Injection system	Bosch Diesel Injection Electronic Control EDC MS6.1		4	4	4	<b>J</b>	1	√	Action test: 1.Exhaust gas reactivation
TG-X vehicle model	Diesel Injection system	Bosch Diesel Injection Electronic Control EDC 7C32 system		1	4	4	4	1	√	Action test: 1.Exhaust gas reactivation special function: 1.Broken cylinder test 1°6 2. high-pressure test 3.Pressure limit valve (DBV) opening test
TG-L vehicle model	Diesel Injection system	150	Bosch Diesel Injection Electronic Control(EDC) 7 system	1	4	1	4			
TG-L vehicle model	Diesel Injection system	180	Bosch Diesel Injection Electronic Control(EDC) 7 system	1	4	√	4			
TG-L vehicle model	Diesel Injection system	210	Bosch Diesel Injection Electronic Control(EDC) 7 system	J	<b>J</b>	1	<b>J</b>			
TG-L vehicle model	Diesel Injection system	240	Bosch Diesel Injection Electronic Control(EDC) 7 system	√	4	1	4			