#### Release news TRUCKS Release 2025.11

The diagnostic software TRUCKS has been expanded with a series of updates to the database, covering both new and older light- and heavy commercial vehicles. In this release, we are also introducing a login process for the TRUCKS software. The implementation of this login is a requirement from the vehicle manufacturers we collaborate with, to ensure that no unauthorised access to their vehicle data is possible.

Find more detailed information about updated models below.

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	Find more detailed information about updated models below.												
auto <sub>*</sub> com <sup>*</sup>			Engine	Instrument	AC	Gearbox	Immobiliser	Restraints	Multifunction	Service	Suspension	TPMS	ADAS
DAF			•	•	•	•	•	•	•	• •	•	•	•
CF[13-17]	Year model updated	2013-2017	•	$\overline{}$		Т				$\neg$		1	
(	Check the adblue pump and adblue output		•	$\top$	-		$\Box$	$\neg$	$\top$	$\top$	+		$\vdash$
	Enable regeneration after aftertreatment repair		•		-	T	Н	$\neg$	$\neg$	$\top$	$\top$		$\Box$
	Prime the system with the pump for Adblue		•					$\neg$	$\neg$	_	1		Ħ
					_								_
CF [18-] PX7	Year model updated	2018-2023	•					П	Т	Т	Т		
	Check the adblue pump and adblue output	2018-2023	•								Т		
	Enable regeneration after aftertreatment repair	2018-2023	•		П				$\neg$		Т		
	Prime the system with the pump for Adblue	2018-2023	•		П	Т		$\neg$			$\neg$		
		•											_
LF	Year model updated	2013-2023	•					П	Т	Т	Т		П
	Check the adblue pump and adblue output	2013-2023	•										
	Enable regeneration after aftertreatment repair	2013-2023	•										
	Prime the system with the pump for Adblue	2013-2023	•										
XF [22-]	Year model updated	2022-2023		•							•		
XG / XG+	Year model updated	2022-2023		•							•		
XD	Year model updated	2023		•							•		
XB 2023-	Year model updated	2023-2025	• •	•		•			•		•	•	•
	Activate brake lights	2023-2025	$\perp$		$\perp$				•		$\perp$		
	Activate fog light	2023-2025	$\perp$						•		$\perp$		
	Activate headlight left	2023-2025	$\perp$						•		$\perp$		
	Activate headlight right	2023-2025	$\perp$						•		$\perp$		
	Activate rear light	2023-2025	$\perp$		$\perp$			_	•		$\perp$		
	Check wheel sensor battery	2023-2025	$\perp$						$\perp$		$\perp$	•	
	Full air, 1 front level sensor, 1 rear level sensor	2023-2025							_	$\perp$	•		
	Full air, 1 front level sensor, 2 rear level sensors	2023-2025	$\perp$	$\perp$	$\perp$			_	$\perp$		•	_	
	Programing of wheel sensor ID	2023-2025	$\perp$		_	1_		_	_		$\perp$	•	
	Rear air, 1 rear level sensor	2023-2025	_			1			_		•		
	Rear air, 2 rear level sensors	2023-2025	$\perp$	$\perp$	_				$\perp$		•		
	Rear differential lock solenoid	2023-2025	$\perp$		$\perp$				•		$\perp$		

EvoBus Chassis
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Capacity euro VI	Year model updated	2014-2024		•	•	•	•	•	•	•	$\vdash$	•	•
	Actuation of AdBlue delivery pump	2024		_		$\vdash$		$\vdash$	+	+	$\vdash$	_	$\rightarrow$
	Actuation of vehicle level	2024		_		ш		ш	_	_	$\perp$	•	_
	Actuation of water valves	2024		_		•		$\vdash$	-	+	$\vdash$	_	$\rightarrow$
	AdBlue® heater, coolant solenoid valve	2024		_		$\vdash$		$\vdash$	+	+	-	_	$\rightarrow$
	Air compressor characteristics	2024		_		$\vdash$		$\vdash$	•	4	$\vdash$	_	$\rightarrow$
	Automatically move to normal level	2024				ш		ш		_	$\perp$	•	_
	Bleed routine of Diesel fuel metering device	2024						Ш		$\perp$			$\perp$
	Blowers	2024				•		Ш	$\perp$				_
	Boost pressure regulator	2024	. •										
	Brake pressure test additional axle	2024	ı	•									
	Brake pressure test drive axle	2024	ı	•		П				Т			П
	Brake pressure test front axle	2024	ı	•		П		П		Т			Т
	Calibration by means of test drive	2024	ı			$\Box$				$\top$			$\neg$
	Calibration of Exhaust Gas Recirculation	2024				$\neg$							$\neg$
	Calibration of the multifunction camera	2024				$\neg$		H	$\neg$	$\top$	$\Box$	$\neg$	$\neg$
	Change set values for tire pressure	2024				$\neg$		$\Box$	-	$\top$	$\Box$		•
	Check ABS solenoid valves at front axle	2024		•		$\Box$		$\vdash$	-	+	$\vdash$	$\rightarrow$	-
	Cleaning of diesel oxidation catalytic converter	2024		-		-		$\vdash$	-	+		$\dashv$	$^+$
	Compression test	2024		-		$\vdash$		$\vdash$	-	+	+	$\rightarrow$	+
	Compression test  Compressor, Fan for Condenser and Auxiliary heating			-		•		$\vdash$	-	+	$\vdash$	-	+
	Compressor, Fan for Condenser and Auxiliary heating  CVN (Calibration verification number) (CVN)	2024		-	$\vdash$	-	-	+	+	+	$\vdash$	$\rightarrow$	+
				-		$\vdash$		$\vdash$	-	+	$\vdash$	$\rightarrow$	+
	Cylinder deactivation	2024		-		$\vdash$		$\vdash$	+	+	-	_	$\rightarrow$
	Engine brake solenoid valve, stage 1	2024		-		$\vdash$		$\vdash$	-	+	$\vdash$	-	$\rightarrow$
	Engine brake solenoid valve, stage 2	2024		_		$\vdash$		$\vdash$	_	_	$\perp$	_	_
	Erasing of emissions-relevant fault codes	2024				$\square$		Ш		$\perp$			_
	Exhaust Gas flap	2024		_				ш		$\perp$			_
	Exhaust Gas Recirculation controller	2024											
	Fan clutch solenoid valve	2024				П				Т			П
	Flooding of retarder	2024	ı	•		П				Т			П
	Fuel Metering Solenoid Valve	2024	. •			П		П		Т			Т
	Fuel shutoff valve	2024	. •			$\Box$		П	$\neg$	$\top$			$\neg$
	Function test of countershaft brake	2024				$\neg$	•						$\neg$
	Function test of shift operation	2024				$\Box$	•	H	$\neg$	+	$\Box$		$\neg$
	Function test of splitter operations	2024						$\vdash$	-	+		$\neg$	$\neg$
	Injector code programming	2024		-		$\overline{}$	Ť	$\vdash$	-	+	-	$\rightarrow$	$\pm$
	Leak test of AdBlue metering device	2024				$\vdash$		$\vdash$	+	+	+	-	+
	Learning of aligned axles	2024		-		$\vdash$		$\vdash$	-	+	+	$\rightarrow$	+
				-		$\vdash$		$\vdash$	-:		$\vdash$	$\rightarrow$	+
	Learning of clutch with manual gearbox	2024		-		$\vdash$		$\vdash$		4	$\vdash$	-	_
	Learning of wheel sensor ID	2024		_		$\vdash$		$\vdash$		+		-	•
	Legal speed limit	2024		_		$\vdash$		$\vdash$	+	+	$\vdash$	_	$\rightarrow$
	Manual regeneration of diesel particulate filter	2024		_		$\vdash$		$\vdash$	—	+	$\perp$	_	-
	Mileage from Tachograph-ECU	2024				ш		ш		_	$\perp$	_	_
	Nox Torque limit	2024				ш		Ш		$\perp$			$\perp$
	Parameter setting Component A18 r1 (Heating element)	2024	ı					ш		4			
	Parameter setting, Condensation sensor	2024	ı										
	Parameter settings Electronic Air-Process Unit (EAPU)	2024	ı			П			•	П			Т
	Parameterization of Lane assistant camera	2024	ı			П				Т			П
	Parameterization of Short range radar	2024	ı			$\neg$		П	-	$\top$			$\neg$
	Partially-automated calibration for high-floor vehicles (tourist bus)	2024				$\neg$		$\Box$	-	$\top$		•	$\neg$
	Partially-automated calibration for low-floor vehicles (city bus)	2024				$\Box$		$\vdash$	$\neg$	1		•	$\neg$
	Reactivation of active brake assistance	2024				$\neg$		H	-	+	$\vdash$	_	$\neg$
	Read data from ECU and save data to file	2024		-		$\vdash$		$\vdash$	•			_	$\pm$
	Reading set values for tire pressure	2024				-		$\vdash$		+	-	$\rightarrow$	•
		2024		-		$\vdash$		$\vdash$	+	+	+	$\rightarrow$	•
	Reading tire pressure sensor ID number			-		$\vdash$		$\vdash$		+	$\vdash$	$\rightarrow$	-
	Reset control unit	2024		-		$\vdash$		$\vdash$	•	4	-	_	$\rightarrow$
	Reset learned values	2024		-	$\vdash$	$\vdash$	_	$\vdash$	+	+	$\vdash$	•	$\rightarrow$
	Resetting of counter "Regenerated air volume"	2024		_		ш	_	$\vdash$	•		$\vdash$	_	4
	Resetting of routine "Function test of compressed air system"	2024				$\square$		$\sqcup$	•	4	$\perp$		_
	Resetting the counter for AdBlue consumption	2024		_	$\perp$			$\sqcup$	$\perp$	$\perp$	$\perp$		_
	Resetting the fault memory function	2024		•		┙		Ш			$\Box$		
	Steering and learning of additional axle	2024	Щ	Ш	L_]	∟.T	ш	Ш	•	1	L	[	_[
	Switchover of function ASR (Acceleration Slip Regulation)	2024		•	1 7	. ⊤	_	ıΤ		1	ΙП	- T	Т

auto:com <sup>*</sup>			• Engine	Brake	• Instrument	• AC	Gearbox	Immobiliser	Restraints	Multifunction	• Service	• EV	Suspension	TPMS	• ADAS
	Teach in Inclination sensor Teach in Transmission and clutch	2024 2024					•	Н	+	+	+	+	+	+	$\dashv$
	Teach-in of clutch Teach-in process of diesel particulate filter	2024 2024					•		4	7	4	$\exists$	4	Ŧ	7
	Teach-in process of exhaust aftertreatment unit	2024 2024	•					П		7	=	4	#	7	=
	Test of Adblue metering amount Test of clutch	2024					•			⇉	⇉		#	#	1
	Test of NOx sensors Transmission Configuration	2024 2024							1	•			$\pm$	$\pm$	
	Ventilation flaps Write data to ECU from file	2024 2024				•		H	-	•	4	$\dashv$	+	+	+
Intouro euro VI	Year model updated	2014-2024		•	•	•	•	•	_	•	_	_		•	_
Intodio edio Vi	Actuation of AdBlue delivery pump	2024	•	Ľ	Ľ	Ĭ	İ	Ŏ	1	_	İ			1	Ĭ
	Actuation of vehicle level Actuation of water valves	2024 2024				•				$\pm$		$\exists$	•	$\pm$	
	AdBlue® heater, coolant solenoid valve  Automatically move to normal level	2024 2024						Н	-	7	7	$\dashv$	•	Ŧ	7
	Bleed routine of Diesel fuel metering device	2024	•			•		П	4	7	#	7	#	#	7
	Bleed the fuel system. Blowers	2024				•				⇉			#	$\pm$	=
	Boost pressure regulator Brake pressure test additional axle	2024 2024		•			_	Н	$\dashv$	+	+	+	+	+	$\dashv$
	Brake pressure test drive axle	2024 2024		•				П		7	4		#	7	4
	Brake pressure test front axle Calibration by means of test drive	2024		Ů						$\exists$	$\equiv$		$\pm$	#	•
	Calibration of Exhaust Gas Recirculation  Calibration of the multifunction camera	2024 2024						H		+	$\dashv$	$\dashv$	+	+	•
	Change set values for tire pressure Check ABS solenoid valves at front axle	2024 2024		•				П	-	7	=	$\dashv$	_•	•	=
	Cleaning of diesel oxidation catalytic converter	2024	•	ľ				Ħ	1	$\rightrightarrows$	コ	$\exists$	丰	#	$\exists$
	Compression test Compressor, Fan for Condenser and Auxiliary heating	2024 2024			L	•				$\pm$	$\exists$		$\pm$	$\pm$	$\exists$
	CVN (Calibration verification number) (CVN) Cylinder deactivation	2024 2024		F	F	F	H	Н	Ŧ	4	4	$\exists$	Ŧ	4	4
	Engine brake solenoid valve, stage 1	2024	•		E			Ħ	7	#	ゴ	$\rightrightarrows$	#	#	コ
	Engine brake solenoid valve, stage 2 Erasing of emissions-relevant fault codes	2024 2024	•							$\pm$	_			$\pm$	
	Exhaust Gas flap  Exhaust Gas Recirculation controller	2024 2024		$\vdash$			_	Н	$\dashv$	+	+	+	+	+	-
	Fan clutch solenoid valve	2024 2024	•	•				П		7	4		#	7	4
	Flooding of retarder Fuel Metering Solenoid Valve	2024	•	Ů						⇉	$\exists$	$\exists$	士	#	
	Fuel shutoff valve Function test of countershaft brake	2024 2024					•	H	-	+	+	$\dashv$	+	+	-
	Function test of shift operation	2024 2024					•	Н		7	4		#	7	4
	Function test of splitter operations Injector code programming	2024	•				_		1	⇉		$\exists$	#	$\pm$	
	Leak test of AdBlue metering device Learning of aligned axles	2024 2024						H	+	•	-	$\dashv$	+	+	$\dashv$
	Learning of clutch with manual gearbox Learning of wheel sensor ID	2024 2024						П	-	•	=	$\dashv$	Η.	•	=
	Legal speed limit	2024								$\exists$	$\exists$		#	1	
	Manual regeneration of diesel particulate filter  Mileage from Tachograph-ECU	2024 2024								$\pm$	_		$\pm$	$\pm$	
	Nox Torque limit Parameterization of Lane assistant camera	2024 2024						Н	$\dashv$	+	$\dashv$	$\dashv$	+	+	-
	Parameterization of Short range radar Partially-automated calibration for high-floor vehicles (tourist bus)	2024 2024						П		7	=	4		7	•
	Partially-automated calibration for low-floor vehicles (city bus)	2024								$\exists$			•	#	
	Reactivation of active brake assistance Reading set values for tire pressure	2024 2024					_	Н	+	+	+	+	٠,	•	•
	Reading tire pressure sensor ID number Reset learned values	2024 2024		F				П	4	4	=	4	_ •	•	7
	Resetting of counter "Regenerated air volume"	2024								•	$\equiv$		Ĭ	#	=
	Resetting the counter for AdBlue consumption Resetting the fault memory function	2024 2024		•			_	Н	_	+	+	$\dashv$	+	+	$\dashv$
	Steering and learning of additional axle Switchover of function ASR (Acceleration Stip Regulation)	2024 2024		•				Н	-	•	7	$\dashv$	$\mp$	7	7
	Teach in Inclination sensor	2024		Ė			•	П	4	7	_	7	#	#	
	Teach in Transmission and clutch Teach-in of clutch	2024 2024					•			⇉			#	$\pm$	=
	Teach-in process of diesel particulate filter Teach-in process of exhaust aftertreatment unit	2024	•	$\vdash$			_	Н	+	+	+	$\dashv$	+	+	$\dashv$
	Test of Adblue metering amount	2024 2024						П		7	4		#	7	4
	Test of clutch Test of NOx sensors	2024	•				Ť		1	$\equiv$	$\equiv$	#	#	#	
	Ventilation flaps Water pumps	2024 2024				•				$\pm$	$\pm$		$\pm$	$\pm$	-
Conecto euro VI	Year model updated	2019-2022							_	•	$\equiv$	_	$\overline{}$	$\overline{}$	_
			_	_		_		_			_			_	_
O530 E-citaro	Year model updated Activation of Indicator lamp of acoustic vehicle alerting system	2019-2024 2024		•	•	•				•	$\pm$	•	•	$\pm$	•
	Activation of Sound generator voltage converter Activation of water valves	2024 2024				•		П	-	7	=	•	4	Ŧ	=
	Actuation of fan for Battery cooling	2019-2024								⇉	$\exists$	•	士	#	1
	Actuation of Fuel filter heater  Actuation of vehicle level	2024 2024				•				$\pm$	$\pm$	$\exists$	•	$\pm$	
	Automatically move to normal level Bleed the fuel system.	2024 2024				•		Н	-	4	7	$\dashv$	•	Ŧ	4
	Blowers	2024				•				#	$\equiv$		丰	#	Ξ
	Brake pressure test additional axle Brake pressure test drive axle	2024 2024		•				Ш		$\pm$	=	$\exists$	士	$\pm$	
	Brake pressure test front axle Calibration by means of test drive	2024 2024		•		H	H	H	Ŧ	$\dashv$	$\dashv$	$\dashv$	Ŧ	Ŧ	-
		2024		•				Ħ		#	ゴ		#	#	Ī
	Check ABS solenoid valves at front axle				i .		$\perp$	$\vdash$		$\perp$		•	+	+	
	Control of the braking resistance CVN (Calibration verification number) (CVN)	2024 2024						Ш	_	$\rightarrow$	$\rightarrow$		_	_	_
	Control of the braking resistance CVN (Calibration verification number) (CVN) Heating pump	2024 2024				•			+	$\pm$	$\pm$	$\dashv$	#	#	=
	Control of the braking resistance CVN (Calibration verification number) (CVN) Heating pump Legal speed limit Mileage from Tachograph-ECU	2024 2024 2024 2024				•					#		⇟	#	
	Control of the braking resistance CVN (Calibration verification number) (CVN) Heating pump Legal speed limit	2024 2024 2024 2024 2024 2024				•							#		
	Control of the braking resistance CVN (Calibration verification number) (CVN) Heating pump Legal speed limit Mileage from Tachograph-ECU Nox Torque limit Parameterization of Lane assistant camera Parameterization of Short range radar	2024 2024 2024 2024 2024 2024 2024 2024				•								‡ ‡	•
	Control of the braking resistance CVN (Calibration verification number) (CVN) Heating pump Legal speed limit Mileage from Tachograph-ECU Nox Torque limit Parameterization of Lane assistant camera Parameterization of Short range radar Partially-automated calibration for high-floor vehicles (tourist bus) Partially-automated calibration for tow-floor vehicles ((biy bus)	2024 2024 2024 2024 2024 2024 2024 2024				•							•		
	Control of the braking resistance CVN (Calibration verification number) (CVN) Heating pump Legal speed limit Mileage from Tachograph-ECU Nox Torque limit Parameterization of Lane assistant camera Parameterization of Short range radar Parameterization of Short range radar Partially-automated calibration for high-floor vehicles (tourist bus) Partially-automated calibration for tow-floor vehicles (tourist bus) Reactivation of active brake assistance Requested described heating output	2024 2024 2024 2024 2024 2024 2024 2024				•						•	•		•
	Control of the braking resistance CVN (Calibration verification number) (CVN) Heating pump Legal speed limit Mileage from Tachograph-ECU Nox Torque limit Parameterization of Lane assistant camera Parameterization of Short range radar Parameterization of Short range radar Parlatilly-automated calibration for high-floor vehicles (clurist bus) Partially-automated calibration for low-floor vehicles (city bus) Reactivation of active brake assistance	2024 2024 2024 2024 2024 2024 2024 2024				•				•		•	•		•

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aute/com	Set Energy Reserve mode	2024	• Engine	Brake	• Instrument	• AC	Gearbox	Immobiliser	Restraints	Multifunction	•	• E		• TPMS
	Set maximum electrical heating power limit Sound generator test	2024 2024			1		$\exists$	_	1	1		•		$\pm$
	Switchover of function ASR (Acceleration Slip Regulation) Ventilation flaps	2024 2024		•	+	•	$\dashv$	$\dashv$	+	+	+	+	+	+
	Water pumps	2024			_	•			1	1		_	4	
Integro euro VI	Year model updated	2014-2016			П	1			П				П	•
O580 Travego euro VI	Year model updated	2013-2017												•
OC500 euro VI	Year model updated	2024	•	•	•	1	•		1	•	1	1	•	
	Actuation of AdBlue delivery pump AdBlue* heater, coolant solenoid valve	2024 2024	•			1				1		1		#
	Bleed routine of Diesel fuel metering device Boost pressure regulator	2024	•		+	+	+	+	+	+	+	+	+	+
	Calibration of Exhaust Gas Recirculation  Cleaning of diesel oxidation catalytic converter	2024 2024	•		-		-	-		$\dashv$		$\exists$	4	$\mp$
	Compression test	2024	•		#	_	7	7	1	#	1	7		#
	CVN (Calibration verification number) (CVN) Cylinder deactivation	2024 2024			1							1		1
	Engine brake solenoid valve, stage 1 Engine brake solenoid valve, stage 2	2024	•	_	+	+	$\dashv$	+	+	+	+	+		+
	Erasing of emissions-relevant fault codes Exhaust Gas flap	2024 2024	•		$\exists$	4	-	$\exists$	-	$\exists$	-	4		$\mp$
	Exhaust Gas Recirculation controller	2024	•		7	_	4	7	1	7	4	7	1	#
	Fan clutch solenoid valve Flooding of retarder	2024 2024		•						1		1		1
	Fuel Metering Solenoid Valve Fuel shutoff valve	2024			+	+	+	$\dashv$	+	+	+	+	+	+
	Function test of countershaft brake Function test of shift operation	2024 2024			7	7	•	7	Ŧ	7	7	7	7	Ŧ
	Function test of splitter operations	2024 2024 2024			#	1	•	1	#	1	#	#	#	#
	Injector code programming Kneeling calibration of the right hand side	2024	•		1					1		1	•	#
	Leak test of AdBlue metering device  Learning of clutch with manual gearbox	2024	•		+	+	+	+	+	•		+		+
	Legal speed limit Level sensor calibration	2024 2024			$\dashv$	4	4	4	7	7	4	7		7
	Manual regeneration of diesel particulate filter	2024	•		#	1	4		1	#	1	1		#
	Mileage from Tachograph-ECU  Nox Torque limit	2024 2024			1				1	1	1	1		+
	Parameterization of Lane assistant camera Pressure sensors, Calibration	2024 2024			+	+	$\dashv$	$\dashv$	+	+	$\dashv$	+	•	+
	Read vehicle control unit list Resetting the counter for AdBlue consumption	2024 2024			•	7	$\dashv$	7	7	7	4	7	-	7
	Teach in Inclination sensor	2024	Ľ		#		•					1		1
	Teach in Transmission and clutch Teach-in of clutch	2024 2024			$\pm$		•		+	$\pm$	1	#	_	$\pm$
	Teach-in process of diesel particulate filter	2024	•		_	4	$\dashv$	$\dashv$	+	+	+	$\dashv$		+
	Teach-in process of exhaust aftertreatment unit	2024						_						
	Test of Adblue metering amount	2024			#	_		1	+	7	4	7	+	+
			•				•							
Setra BR 500 euro VI	Test of Adblue metering amount Test of clutch Test of NOX sensors Year model updated	2024 2024 2024 2013-2024	•	•	•	•	•	•		•	•		•	•
Setra BR 500 euro VI	Test of Adblue metering amount Test of clutch Test of NOx sensors  Year model updated Actuation of AdBlue delivery pump	2024 2024 2024	•	•	•	•	•	•		•	•		•	•
Setra BR 500 euro VI	Test of Adulue metering amount Test of clutch Test of NOx sensors  Year model updated Actuation of AdBlue delivery pump Actuation of vehicle level Actuation of veher years	2024 2024 2024 2013-2024 2024 2024 2024	•	•	$\exists$	•	•	•		•	•			•
Setra BR 500 euro VI	Test of Adblue metering amount Test of clutch Test of NOx sensors  Year model updated Actuation of AdBlue delivery pump Actuation of vehicle level Actuation of water valves AdBlue* heater, coolant solenoid valve Automatically more to normal level	2024 2024 2013-2024 2013-2024 2024 2024 2024 2024 2024 2024	•	•	$\exists$		•	•		•	•			•
Setra BR 500 euro VI	Test of Adblue metering amount Test of Lutch Test of NOx sensors  Year model updated Actuation of AdBlue delivery pump Actuation of vehicle level Actuation of vehicle level Actuation of water valves Adblue* heater, coolant solenoid valve Automatically move to normal level Bleed troutine of Diesel fuel metering device Bleed the fuel system.	2024 2024 2013-2024 2024 2024 2024 2024 2024 2024 2024	•	•		•	•	•		•	•		•	•
Setra BR 500 euro VI	Test of Adulus metering amount Test of NOx sensors  Year model updated Actuation of AdBlue delivery pump Actuation of Vehicle tevel Actuation of Vehicle tevel Actuation of vehicle tevel Actuation of vehicle tevel Bed of updated Automatically move to normal tevel Bleed routine of Dieset fuel metering device Bleed the fuel system.	2024 2022 2024 2013-2024 2024 2024 2024 2024 2024 2024 2024	•	•		•	•	•		•	•		•	•
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auto <sub>'</sub> com'			• Engine	Brake	• Instrument	• AC	Gearbox	<ul> <li>Immobiliser</li> </ul>	Restraints	Multifunction	• EV	<ul><li>Suspension</li></ul>	• TPMS	ADAS
	Teach in Inclination sensor  Teach in Transmission and clutch	2024 2024					•	$\exists$	$\mp$	$\mp$	-	F	_	$\vdash$
	Teach-in of clutch Teach-in process of diesel particulate filter	2024 2024					•	Н	4	4	1	F		$\equiv$
	Teach-in process of exhaust aftertreatment unit	2024	•				Ħ	Ħ	#	#	#	F		Ħ
	Test of Adblue metering amount Test of clutch	2024 2024					•		#	#		t		
	Test of NOx sensors Ventilation flaps	2024 2024				•			$\pm$	$\pm$	$\pm$	┢		
	Water pumps	2024				•	Ш	щ	_			L	Ш	ш
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	Actuation of vehicle level	2024					d		#	#	#	•		П
	Actuation of water valves AdBlue® heater, coolant solenoid valve	2024 2024	•			•			$\pm$	$\pm$				
	Automatically move to normal level  Bleed routine of Diesel fuel metering device	2024 2024					Н	$\vdash$	+	+	_	•	-	$\vdash$
	Bleed the fuel system. Blowers	2024				•	П	Ħ	#	#	Ŧ	F		Ħ
	Boost pressure regulator	2024				•	П		#	$\pm$		┢		
	Brake pressure test additional axle  Brake pressure test drive axle	2024		•			Н	$\vdash$	+	+	+	$\vdash$	Н	Н
	Brake pressure test front axle	2024 2024		•			H	H	7	+	1	F	F	
	Calibration by means of test drive Calibration of Exhaust Gas Recirculation	2024	•				口	口	$\equiv$	$\pm$	$\pm$	Ħ		Ů
	Calibration of the multifunction camera Change set values for tire pressure	2024 2024					H	$\vdash$	+	+	+	╁	•	Ů
	Check ABS solenoid valves at front axle Cleaning of diesel oxidation catalytic converter	2024 2024		•	П		H	H	7	Ŧ	Ŧ	F	F	H
	Compression test	2024	•				d	Ħ	#	#	#	F	Ħ	d
	Compressor, Fan for Condenser and Auxiliary heating CVN (Calibration verification number) (CVN)	2024 2024				•		$\exists$	$\pm$	$\pm$	$\pm$	$\pm$		
	Cylinder deactivation Engine brake solenoid valve, stage 1	2024 2024	•	F	H		Н	H	7	Ŧ	Ŧ	F	F	F
	Engine brake solenoid valve, stage 2	2024	•				d	Ħ	#	#	丰	F	F	П
	Erasing of emissions-relevant fault codes Exhaust Gas flap	2024 2024	•	L	Ы		ᆸ	$\exists$	$\pm$	$\pm$	$\pm$	t	Ħ	
	Exhaust Gas Recirculation controller Fan clutch solenoid valve	2024 2024					$\vdash$	$\vdash$	+	+	_	$\vdash$	_	Н
	Flooding of retarder	2024		•			口	Ħ	#	#	#	F		
	Fuel Metering Solenoid Valve Fuel shutoff valve	2024 2024	•						$\pm$	$\pm$				
	Function test of countershaft brake Function test of shift operation	2024 2024					•	$\vdash$	+	+	_	╁	H	Н
	Function test of splitter operations	2024					•	П	#	#	$\blacksquare$	F		
	Injector code programming  Leak test of AdBlue metering device	2024 2024	•						$\pm$	$\pm$	$\pm$			
	Learning of aligned axles  Learning of clutch with manual gearbox	2024 2024					H	+	_	•	+	$\vdash$	H	Н
	Learning of wheel sensor ID	2024					口	Ħ	#	#	#	F	•	П
	Legal speed limit Manual regeneration of diesel particulate filter	2024 2024	•						$\pm$	$\pm$		┢		
	Mileage from Tachograph-ECU  Nox Torque limit	2024 2024					H	$\vdash$	+	+	+	$\vdash$	-	Н
	Parameterization of Lane assistant camera Parameterization of Short range radar	2024 2024					П	H	7	7	-	F		•
	Partially-automated calibration for high-floor vehicles (tourist bus)	2024					$\Box$		#	#	#	•		Ŏ
	Partially-automated calibration for low-floor vehicles (city bus)  Reactivation of active brake assistance	2024 2024					Н		$\pm$	$\pm$	+	•	Н	•
	Reading set values for tire pressure  Reading tire pressure sensor ID number	2024 2024					$\vdash$	$\vdash$	+	+	_	$\vdash$	•	Н
	Reset learned values	2024					a	a	#	#	#	•	Ĭ	
	Resetting of counter "Regenerated air volume"  Resetting the counter for AdBlue consumption	2024 2024							$\pm$	•	+	$\vdash$		
	Resetting the fault memory function Steering and learning of additional axle	2024 2024		•			Н	$\vdash$	+	•	+	$\vdash$	Н	Н
	Switchover of function ASR (Acceleration Slip Regulation)	2024		•				I	#	1	#	F		
	Teach in Inclination sensor  Teach in Transmission and clutch	2024 2024					•		$\pm$	$\pm$	_	$\pm$		
	Teach-in of clutch Teach-in process of diesel particulate filter	2024 2024					•	+	+	+	+	$\vdash$	H	H
	Teach-in process of exhaust aftertreatment unit	2024	•				口	Ħ	#	#	#	F		
	Test of Adblue metering amount Test of clutch	2024 2024					•		#	$\pm$		t		
	Test of NOx sensors  Ventilation flaps	2024				•	Н	$\vdash$	+	+	+	$\vdash$	-	Н
	Water pumps	2024				•	$\Box$		$\Box$		1			
O530 Citaro II	Year model updated	2019-2024		•	•	•	•	$\Box$	T	•	•	•		•
	Actuation of AdBlue delivery pump  Actuation of vehicle level	2024 2024					H	$\vdash$	+	+	+	•	H	H
	Actuation of water valves AdBlue® heater, coolant solenoid valve	2024 2024				•	П	H	4	7	_	F		$\equiv$
	Automatically move to normal level	2024							#	#	#	•		
	Bleed routine of Diesel fuel metering device Bleed the fuel system.	2024 2024		$\vdash$		•	Н	$\vdash$	+	+	+	⊢	Н	Н
	Blowers Boost pressure regulator	2024 2024				•	П	П	4	7		F		
	Brake pressure test additional axle	2024		•			口		$\equiv$	士	士	Ħ		
	Brake pressure test drive axle  Brake pressure test front axle	2024		•			Н	$\vdash$	+	+	+	+	H	Н
	Calibration of Exhaust Gas Recirculation Check ABS solenoid valves at front axle	2024 2024		•			П	H	4	+	=	F		$\equiv$
	Cleaning of diesel oxidation catalytic converter	2024	•	Ľ			口	d	#	#		I		
	Compression test Compressor, Fan for Condenser and Auxiliary heating	2024 2024		E	Н	•		$\exists$	$\pm$	$\pm$	$\pm$	$\pm$	H	
	CVN (Calibration verification number) (CVN) Cylinder deactivation	2024 2024		F	П		H	H	7	Ŧ	+	F	F	A
	EGR wastegate activation	2024	•				d	$\Box$	$\pm$	#	#	Ħ		
	Engine brake solenoid valve, stage 1 Engine brake solenoid valve, stage 2	2024 2024			Н	Н	H	$\vdash$	+	+	+	+	H	Н
	Erasing of emissions-relevant fault codes Exhaust Gas flap	2024 2024	•				H	A	7	7	$\perp$	F	F	П
	Exhaust Gas Recirculation controller	2024	•				♬	$\exists$	$\pm$	#	#	Ħ	Ħ	
	Exhaust-gas recirculation positioner, activation Fan clutch solenoid valve	2024 2024	•		H		H	$\vdash$	$\pm$	$\pm$	$\pm$	$\vdash$	H	Н
	Fuel Metering Solenoid Valve Fuel shutoff valve	2024 2024	•				H	$\dashv$	7	7	Ŧ	F	F	=
	Function test of countershaft brake	2024					•	$\Box$	$\pm$	#	丰	Ħ		
	Function test of shift operation						•		- 1					. 1

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auto:com <sup>°</sup>			<ul><li>Engine</li></ul>	● Brake	<ul> <li>Instrument</li> </ul>	• AC	<ul><li>Gearbox</li></ul>	<ul> <li>Immobiliser</li> </ul>	<ul> <li>Restraints</li> </ul>	<ul> <li>Multifunction</li> </ul>	Service	• EV	Suspension	TPMS	SACA
	High pressure valve, gas line	2024	•	Ė	_	Ň	Ť	Ť	Ť	Ť	Ť	Ť	Ť	Ť	'n
	Injector code programming	2024	•						$\neg$	$\neg$	$\neg$	$\neg$	$\neg$	$\pm$	_
	Leak test of AdBlue metering device	2024	•								T	$\neg$		$\top$	٦
	Learning of clutch with manual gearbox	2024								•		$\neg$		$\top$	٦
	Legal speed limit	2024								$\neg$	T	$\neg$		$\neg$	
	Manual regeneration of diesel particulate filter	2024	•									$\neg$			٦
	Mileage from Tachograph-ECU	2024													٦
	Nox Torque limit	2024										$\neg$		$\neg$	٦
	Parameterization of Short range radar	2024								$\neg$		$\neg$		-	5
	Partially-automated calibration for high-floor vehicles (tourist bus)	2024										$\neg$	•	$\top$	7
	Partially-automated calibration for low-floor vehicles (city bus)	2024											•	$\Box$	_
	Reset learned values	2024											•		
	Resetting of counter "Regenerated air volume"	2024								•					
	Resetting the counter for AdBlue consumption	2024	•												
	Resetting the fault memory function	2024		•								$\perp$		$\perp$	
	Solenoid valve variable displacement pump engine cooling system	2024	•									_			
	Switchover of function ASR (Acceleration Slip Regulation)	2024		•											
	Teach in Inclination sensor	2024					•								
	Teach in Transmission and clutch	2024					•								
	Teach-in of clutch	2024					•					_		$\perp$	
	Teach-in process of diesel particulate filter	2024												$\perp$	
	Teach-in process of exhaust aftertreatment unit	2024							_	_		_		$\perp$	
	Test of Adblue metering amount	2024	•			$\Box$			_	_	_	$\rightarrow$		$\rightarrow$	_
	Test of clutch	2024					•					$\perp$		$\perp$	
	Test of NOx sensors	2024	•								_	_		$\perp$	
	Throttle valve activation	2024	•			$\Box$			_	_		_		$\perp$	_
	Turbocharger lambda wastegate actuator	2024	•			$\Box$			_	_	_	_		_	_
	Ventilation flaps	2024				•								$\perp$	

Year model updated	2014-2024	•	•	•	•	•	•	т	•	•	T	•	•
Actuation of AdBlue delivery pump	2024					Г	Г	П	П			T	
Actuation of vehicle level	2024			П	Г	Г	Т	П	$\Box$		$\neg$	•	$\neg$
Actuation of water valves	2024				•		П	П	П	П			$\neg$
AdBlue® heater, coolant solenoid valve	2024	•			Г			$\Box$	П				
Automatically move to normal level	2024								П			•	
	2024	•					$\vdash$	$\Box$	П	П			$\neg$
	2024				•		т	$\Box$	П	П			
Blowers	2024				•				П				
Boost pressure regulator	2024	•						$\Box$	П				
Brake pressure test additional axle	2024		•		$\Box$		$\Box$	$\Box$	П	П			
Brake pressure test drive axle	2024		•		Г		Т	$\Box$	П	П			
Brake pressure test front axle	2024		•		Г	Г	П	П	П				
Calibration by means of test drive	2024						$\vdash$	$\Box$	П	П			
Calibration of Exhaust Gas Recirculation	2024	•			$\Box$		т	$\Box$	П	П			
Calibration of the multifunction camera	2024				Г				П				
Change set values for tire pressure	2024							$\top$	П	П			•
			•		$\overline{}$	т	$\vdash$	$\Box$	П	П	$\neg$		
		•	-			-	-	-	П	П	$\neg$	$\neg$	
						-	-	$\vdash$	П		$\neg$	_	$\neg$
		Ħ			•	-	-	$\vdash$	$\vdash$	$\overline{}$	-	_	
					Ť	-	+	$\vdash$	$\vdash$	$\vdash$	$\rightarrow$	$^{+}$	$\dashv$
		-	$\vdash$		$\vdash$	$\vdash$	+	$\vdash$	$\vdash$	$\vdash$	$\rightarrow$	$\pm$	-
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			-		-	-	+	+	$\vdash$	$\vdash$	-	-	$\dashv$
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		•			╙	₩.	╄	$\perp$	ш	$\vdash$	_		_
			_		ــــ	•	┺	$\perp$	ш	$\perp$	_		_
					$\perp$		上		ш				
Function test of splitter operations					<u></u>	•	Ш		ш				
Injector code programming	2024	•					$\perp$		ш				
Leak test of AdBlue metering device	2024	•					П		П				П
Learning of aligned axles	2024				$\Box$		П		•		$\neg$		П
Learning of clutch with manual gearbox	2024				Г	П	П	П	•				
Learning of wheel sensor ID	2024				Г		т	$\Box$	П		$\neg$		•
						$\overline{}$	-	$\Box$	$\Box$	П	$\neg$		
		•				-	-	$\top$	$\Box$	$\Box$	$\neg$		
		t				-	-	$\vdash$	$\vdash$	$\overline{}$	$\neg$	_	
			-		-	-	-	-	-		$\rightarrow$	$\rightarrow$	$\neg$
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		-	-	-	-	-	+	+	$\vdash$	$\vdash$	$\rightarrow$	_	$\dashv$
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					╙	╙	╄	$\perp$	•		_		
		•			ட	ш	丄	$\perp$	ш				
Resetting the fault memory function	2024		•		_	╙	丄	$\perp$	ш		$\perp$		_
Steering and learning of additional axle	2024								•				
Switchover of function ASR (Acceleration Slip Regulation)	2024		•										
Teach in Inclination sensor	2024				Г	•	П	П	П				П
Teach in Transmission and clutch	2024					•		$\Box$	$\Box$	П	$\neg$		
Teach-in of clutch	2024					•	$\Box$	П	$\Box$	$\Box$	$\neg$	_	$\neg$
	2024	•			$\overline{}$	т	-	т	$\Box$	$\Box$		$\neg$	$\neg$
Teach-in process of diesel particulate filter						+	+	+	-	-	$\rightarrow$	$\rightarrow$	$\rightarrow$
Teach-in process of diesel particulate filter  Teach-in process of exhaust aftertreatment unit					Į.			1 1					
Teach-in process of exhaust aftertreatment unit	2024	•			L	⊢	⊢	Н	Н	Н	+	+	$\dashv$
Teach-in process of exhaust aftertreatment unit Test of Adblue metering amount	2024 2024				E		Ė	Ħ			1		
Teach-in process of exhaust aftertreatment unit Test of Adblue metering amount Test of clutch	2024 2024 2024	•				•	Ė	$\exists$					
Teach-in process of exhaust aftertreatment unit Test of Adblue metering amount	2024 2024	•			•	•							
	Actuation of wehicle level Actuation of water valves AdBlue* Pearer, coolant solenoid valve Actuation of water valves AdBlue* Pearer, coolant solenoid valve Automatically move to normal level Bleed nutine of Dissel fuel metering device Bleed nutine of Dissel fuel metering device Bleed nutine the state of Dissel fuel metering device Bleed nutine the state of Dissel fuel metering device Blowers Boost pressure regulator Brake pressure test additional axle Brake pressure test additional axle Brake pressure test device axle Brake pressure test from axle Calibration of Brakuss Gas Recirculation Calibration of Brakuss Gas Recirculation Calibration of Brakuss Gas Recirculation Calibration of the multifunction camera Cheak ASS solenoid valves at front axle Cleaning of diesel coxidation catalytic converter Compression test Compression fest Compression, Fan for Condenser and Auxiliary heating CVN (Calibration verification number) (CVN) Cylinder deactivation Engine brake solenoid valve, stage 1 Engine brake solenoid valve, stage 2 Erraing of emissions-relevant fault todes Exhaust Gas Recirculation controller Fan clutch solenoid valve Fucult has the state of the pressure Fucult has pressure the state of the pressure Fucult has pressure the state of the pressure of the state of the pressure of the state of the pressure of the state of the pressure of the state o	Actuation of AdBlue delivery pump Actuation of water valves Actuation of water valves Actuation of water valves AdBlue* heater, coolant solenoid valve Automatically move to normal levet Bieed routine of Diesel tuel metering device Bieed routine of Diesel tuel metering device Bieed froutine of Diesel tuel metering device Bieed froutine of Diesel tuel metering device Biowers 2024 Blowers 2024 Blowers 2024 Brake pressure test additional axle Brake pressure test drive axle Brake pressure test drive axle Brake pressure test drive axle Calibration by means of test drive 2024 Brake pressure test frout axle Calibration by means of test drive 2024 Calibration of Exhaust Gas Recirculation 2024 Calibration of the multifunction camera Change set values for tire pressure 2024 Change set values for tire pressure 2024 Check ABS solenoid valves at front axle 2026 Compressor, Fan for Condenser and Auxiliary heating 2027 Compressor, Fan for Condenser and Auxiliary heating 2028 Cryll (calibration verification number) (CVN) 2024 Cryll (calibration verification number) (CVN) 2024 Ergine brake solenoid valve, stage 1 Ergine brake solenoid valve, stage 2 Ergine b	Actuation of AdBlue delivery pump 2024 Actuation of water valves 2024 Actuation of water valves 2024 Actuation of water valves 2024 Actuation of water valves 2024 Actuation of water valves 2024 Actuation of water valves 2024 Actuation of water valves 2024 Actuation of water valves 2024 Actuation of valves 2024 Actuation of valves 2024 Bibed on unine of Dises it used metering device Bibed on unine of Dises it used metering device Bibed the fuel system. 2024 Bibovers 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Bleed the fuel system.  2024  Bloovers  Bloovers  2024  Brake pressure regulator  Brake pressure sets driven and  2024  Calibration of the multifunction amera  2024  Changes set values for tire pressure  2024  Cheaning of diesel oxidation catalytic converter  2024  Compression test  2024  Compressor, Fan for Condenser and Auxiliary heating  2024  Compressor, Fan for Condenser and Auxiliary heating  2024  Cylinder deactivation  2024  Cylinder deactivation  2024  Cylinder deactivation  2024  Engine brake solenoid valve, stage 1  Engine brake solenoid valve, stage 1  Engine brake solenoid valve, stage 1  Engine brake solenoid valve, stage 2  Erasing of emissions-relevant fault codes  2024  Engine brake solenoid valve, stage 2  Erasing of emissions-relevant fault codes  2024  Engine brake solenoid valve, stage 2  Erasing of emissions-relevant fault codes  2024  Engine brake solenoid valve, stage 2  Erasing of emissions-relevant fault codes  2024  Engine brake solenoid valve, stage 2  Erasing of emissions-relevant fault codes  2024  Engine	Actuation of AdBlue delivery pump  Actuation of whethical trevet  Actuation of water valves  Bleed or contine of Dissel fuel metering device  Bleed or contine of Dissel fuel metering device  Bleed the fuel system.  2024  Bleed the fuel system.  2024  Blowers  2024  Brake pressure test additional axis  Brake pressure test drive axis  2024  Brake pressure test drive axis  2024  Brake pressure test from axis  2024  Calibration of Exhaust Gas Recirculation  2024  Calibration of Exhaust Gas Recirculation  2024  Calibration of the multifunction camera  2024  Change set values for tire pressure  2024  Change set values for tire pressure  2024  Change set values for tire pressure  2024  Compression for multifunction camera  2024  Compression for water valves at front axis  Compressor, Fan for Condenser and Auxiliary heating  2024  Compressor, Fan for Condenser and Auxiliary heating  2024  Cylinder deactivation  2024  Cylinder deactivation 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Blowers  Blowers  Boost pressure regulator  Boost pressure regulator  Boost pressure regulator  Borake pressure test drivit and actuation  Actuation of Verbreicke and level  Brake pressure test drivit and actuation  Calibration of Strabust Gas Recirculation  Calibration of Strabust Gas Recirculation  Actuation of Verbreicke level  Actuation of Verbreicke l	Actuation of AdBlue delivery pump  Actuation of Vehicle level  Actuation of Water valves  Bleed tructure of Deleast fuse metering device  Bloost pressure regulator  Boost pressure regulator  Boost pressure regulator  Boost pressure regulator  Boost pressure test drive add  Brake pressure test drive add  Brake pressure test drive add  Brake pressure test drive add  Brake pressure test drive add  Calibration of Delaast disast device add actuation of Delaast device and actuation of Delaast device and actuation of Delaast device actuation of Delaast device actuation of Delaast device actuation of Delaast device actuation of Delaast device actuation of Delaast device actuation of Delaast device actuation of Delaast device actuation of Delaast device actuation of Delaast device actuation of Delaast device actuation of Delaast device actuation of Delaast delaast device actuation of Delaast delaast	Actuation of AdBlue delivery pump  Actuation of Varietie level  Actuation of water valves  Bleed the fuel system.  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Blowers  Blowers  Blowers  Blowers  Blowers  Boost pressure rest additional aske  Brake pressure test additional aske  Brake pressure test additional aske  Brake pressure test drive aske  Brake pressure test drive aske  Brake pressure test drive aske  Brake pressure test drive aske  Brake pressure test drive aske  Brake pressure test drive aske  Brake pressure test drive aske  Brake pressure test of the sake  Actuation of Enhance of Beneficial State	Actuation of AdBlue delivery pump  Actuation of Variety valvees  Actuation of water valvees  Actuation of water valvees  Actuation of water valvees  Actuation of water valvees  Actuation of water valvees  Actuation of water valvees  Actuation of water valvees  Actuation of water valvees  Actuation of water valvees  Actuation of water valvees  Actuation of water valvees  Actuation of water valvees  Actuation of water valvees  Actuation of water valvees  Actuation of water valvees  Actuation of water valvees  Beed the fuel system.  Beed routine of Disease fuel intering device  Beed the fuel system.  Blookers  Blookers  Blookers  Blookers  Blookers  Blookers  Boost pressure rest additional axis  Brake pressure test device axis  Brake pressure test device axis  Brake pressure test device axis  Brake pressure test device axis  Brake pressure test of tree axis  Brake pressure test of	Actuation of AdBlue delivery pump  Actuation of Verbice levels  2024  Actuation of water valves  Actuation of water valves  2024  Beef the fuel system.  2024  Beef the fuel system.  2024  Beef the fuel system.  2024  Brake pressure test additional axis  Brake pressure test divine axis  Brake pressure test divine axis  Brake pressure test divine axis  Brake pressure test divine axis  Brake pressure test divine axis  Brake pressure test divine axis  Brake pressure test divine axis  Brake pressure test divine axis  Brake pressure test divine axis  Brake pressure test divine axis  Brake pressure test divine axis  Brake pressure test divine axis  Brake pressure test divine axis  Brake pressure test divine axis  Brake pressure test from taxis  2024  Calibration of Enhaust Gas Recirculation  amera  2024  Calibration water fault codes  Calibration of Enhaust Gas Recirculation for Enhaust Gas Recirculation for Enhaust Gas Recirculation for Enhaust Gas Recirculation for Enhaust Gas Recirculation for Enhaust Gas Recirculation for Enhaust Gas Reci	

Generic Bus Systems										
All supported systems	Year model updated	All years	•						Т	
	Readout of the basic data	All years	•			$\neg$		Т	Т	
16-pin J1962 diagnostic socket	Year model updated	All years	•				Т	Т	Т	П
	Readout of the basic data	All years	•						П	

Generic Truck Systems										
All supported systems	Year model updated	All years	•		工	工	$\square$	П	工	$\Box$

auto:com			• Engine	Brake     Instrument	(	• Gearbox	<ul> <li>Immobiliser</li> </ul>	<ul> <li>Restraints</li> </ul>	<ul> <li>Multifunction</li> </ul>	• Service	• EV	Suspension	TPMS     ADAS
	Check the adblue pump and adblue output	All years	•		Τ								$\top$
	Enable regeneration after aftertreatment repair	All years	•		Т								
	Prime the system with the pump for Adblue	All years	•		Т								
	Readout of the basic data	All years	•										
16-pin J1962 diagnostic socket	Year model updated	All years	•		Т				П				$\top$
	Check the adblue pump and adblue output	All years	•		Т								$\neg$
	Enable regeneration after aftertreatment repair	All years	•		Т		Т		П				$\top$
	Prime the system with the pump for Adblue	All years	•		Т								
	Readout of the basic data	All years	•		Т		Т						

suzu Truck N-Series	Year model updated	2022-2024	•	•		T	•		•			_
4-061163	Clear all Mimamori data	2022-2024	-	•	+	Ť	+-	Ť	•	_	$\rightarrow$	$\dashv$
	Clear DRM data	2022-2024	$\vdash$		$\pm$	+	+	$\vdash$	•		$\rightarrow$	
	Clear EDR data	2022-2024	$\vdash$	$\rightarrow$	-	+	+		•		$\rightarrow$	
	Clear Mimamori data (Engine replacement)	2022-2024	$\vdash$	_	_	+	+		•		$\dashv$	
	Clear Mimamori data (Lingino replacement)	2022-2024	$\vdash$		+	+	+	$\vdash$	•		$\rightarrow$	
	Clear Mimamori DTC data	2022-2024	$\vdash$	_	$\pm$	+	+	$\vdash$	•		$\rightarrow$	
	DPF (DPD) regeneration	2022-2024		_	_	+	+		•		$\rightarrow$	_
	Forced DRM data record	2022-2024			_	+	+		•		$\dashv$	-
	Fuel Rail Pressure	2022-2024			+	+	+	$\vdash$	•		$\rightarrow$	_
	Fuel shutoff valve	2022-2024		$\rightarrow$	-	+	+				$\rightarrow$	
	Injectors shut off, test	2022-2024			_	+	+				$\rightarrow$	-
	Manual service light reset	2022-2024	-		+	+	+	$\vdash$			$\rightarrow$	
	Program ABS Install	2022-2024	$\vdash$		$\pm$	١.	+	$\vdash$		_	$\rightarrow$	
	Program elevating work platform	2022-2024	$\vdash$	$\rightarrow$	-	1	+				$\rightarrow$	
	Program engine type	2022-2024			_	•	+				$\neg$	
	Program final gear ratio	2022-2024	$\vdash$		+	ti	+				$\rightarrow$	-
	Program PTO request engine speed	2022-2024	$\vdash$	_	-	+	+	$\vdash$			$\rightarrow$	
	Program speed meter gear	2022-2024		$\neg$	-	1	+				$\rightarrow$	_
	Program tire compensation	2022-2024	$\vdash$		_	•	+				$\dashv$	-
	Program tire size	2022-2024	$\vdash$	_	_	-	+				$\rightarrow$	
	Program transmisson type	2022-2024	$\vdash$	$\neg$	-	1	+				$\neg$	
							_					
-Series	Year model updated	2022-2024	•	•		•	•	•	•	•	$\neg$	
	Clear all Mimamori data	2022-2024							•			
	Clear DRM data	2022-2024							•			
	Clear EDR data	2022-2024							•			
	Clear Mimamori data (Engine replacement)	2022-2024							•			
	Clear Mimamori data (Used Mimamori replacement)	2022-2024							•			
	Clear Mimamori DTC data	2022-2024							•			
	DPF (DPD) regeneration	2022-2024	•								П	
	Forced DRM data record	2022-2024				Т	П		•		$\neg$	
	Fuel Rail Pressure	2022-2024	•									
	Fuel shutoff valve	2022-2024	•									
	Injectors shut off, test	2022-2024	•								П	
	Manual service light reset	2022-2024								•		
	Program ABS Install	2022-2024				•						
	Program elevating work platform	2022-2024				•					П	
	Program engine type	2022-2024	П			•	П				$\neg$	
	Program final gear ratio	2022-2024				•						
	Program PTO request engine speed	2022-2024				•					$\Box$	
	Program speed meter gear	2022-2024				•	L				J	
	Program tire compensation	2022-2024		П		•						
	Program tire size	2022-2024				•	$\perp$					!

Iveco Bus										
Urbanway	Year model updated	2014-2021	•							
	Readout of the basic data	2014-2021	•							
Euromidi	Year model updated	2014-2017	•							
	Readout of the basic data	2014-2017	•					Т		Г
-										
Crossway/Evadys [14-22]	Year model updated	2014-2022	•	Т		П		Т		Г
	Readout of the basic data	2014-2022	•	Т	П	П		Т		Г
Magelys	Year model updated	2014-2017	•	Т		П		Т		Г
	Readout of the basic data	2014-2017	•							
Minibus	Year model updated	2019-2023		Т	П	П		$\overline{}$	•	Г
	Adjust angle offset for the electrical motor	2022-2023								П
	Coolant circuit valves test	2022-2023						•		Г
	Cooling fan test	2022-2023		Т	П	П		•		Г
	Insulation measurement	2022-2023					-	•		
	Sensor replacement	2019-2023							•	
	Test of water pump	2022-2023					-			г

Iveco Trucks		
S-way	Year model updated	2019-2024
	Gears, test	2019-2024
	Injector activation	2019-2024
	Injectors coil activation	2019-2024
	Write transmission serial number	2019-2024
EuroCargo [14->]	Year model updated	2014-2022
	Readout of the basic data	2014-2022
Trakker [14->]	Year model updated	2014-2021
	Readout of the basic data	2014-2021
Stralis [14->]	Year model updated	2014-2017
	Air suspension calibration	2014-2017
	Readout of the basic data	2014-2017
Stralis XP/NP	Year model updated	2017-2018
	Readout of the basic data	2017-2018
X-Way	Year model updated	2019-2024
	Gears, test	2019-2024
	Injector activation	2019-2024
	Injectors coil activation	2019-2024
	Write transmission serial number	2019-2024

Engine
 Brake
 Instrument
 AC
 Cauthox
 Multifunction
 Steryce
 Steryce
 Steryce
 Steryce
 TPMS
 ADAS

TGL [20-24]					_	_	_	_	_	_				
	Year model updated	2024		•	•	•	•		•	•	•	-	•	-
	(Customer specific) Speed limit modification 4-button keypad	2024		$\vdash$		Н				•		$\dashv$	_	+
	Activate Brake pad wear symbol and display message	2024		•										
	Activate check lamp brake red/display message	2024		•		_				Н		$\vdash$	_	+
	Activate check lamp yellow/display message  AdBlue dosage test: Large	2024		•		$\vdash$				$\vdash$		$\dashv$	-	+
	AdBlue dosage test: Medium	2024		H						П				+
	AdBlue dosage test: Small	2024												$\perp$
	Automatic adjustment	2024		-		_				Н		-		+
	Brake pad check Calibration camera	2024		•		$\vdash$		$\vdash$		$\vdash$		$\dashv$		+
	Calibration Data	2024		$\vdash$		-			Н					+
	Calibration of servomotors	2024	ı			•								
	Calibration radar	2024		┡		_				Ш		$\Box$		4
	Camera arm commissioning Central locking	2024		$\vdash$	_	$\vdash$	$\vdash$	$\vdash$	$\vdash$	•		$\dashv$	-	+
	Commissioning	2024				•		$\vdash$				$\exists$		+
	Compression test	2024												I
	Current oil quality	2024									•			$\perp$
	Cylinder deactivation	2024		•		-				Н		-	_	+
	Delete safety error memory Display brightness	2024		•		$\vdash$		$\vdash$		$\vdash$		$\dashv$		+
	Erase SPN 4685	2024				-			Н					+
	ESP System Sensors Calibration	2024		•										
	Exchange filter cartridge	2024		╙		_		$\vdash$		•			_	+
	HCI system test	2024		$\vdash$	_	-		$\vdash$		Н		$\vdash$	_	+
	HCI system test gen 2 High-pressure test	2024		$\vdash$		$\vdash$		$\vdash$		$\vdash$		$\dashv$	-	+
	Injector programming	2024		$\vdash$		$\vdash$	H	$\vdash$		$\vdash$		$\dashv$		+
	Lambda correction factor	2024												$\top$
	Level sensor calibration	2024	ı	Г		Ĺ	Г		П	口			•	
	LIN addressing of the servomotors	2024		$\vdash$		•		$\vdash$	$\vdash$	Н	$\vdash$	$\dashv$	+	+
	Line filling confirmation Mirror adjustment	2024		+	$\vdash$	•	$\vdash$		$\vdash$	•	$\vdash$	$\dashv$	+	+
	Pressure control module front axle left 1 Bar	2024		•	L					Ó				╧
	Pressure control module, 2nd axle left 1 bar	2024	ı	•						口		$\Box$		T
	Pressure control module, 2nd axle left 10 bar	2024		•		L	H	H	$\vdash$	لـــا	$\sqcup$	$\dashv$	-	+
	Pressure control module, 2nd axle left 5 bar  Pressure control module, 2nd axle right 1 har	2024		•	-	$\vdash$	$\vdash$	-	Н	Н	Н	$\dashv$	+	+
	Pressure control module, 2nd axle right 1 bar  Pressure control module, 2nd axle right 10 bar	2024		•					Н	$\vdash$		$\vdash$	+	+
	Pressure control module, 2nd axie right 5 bar	2024		•									J	$\perp$
	Pressure control module, 3rd axle left 1 bar	2024		•										T
	Pressure control module, 3rd axle left 10 bar	2024		•		_				Ш		-	_	+
	Pressure control module, 3rd axle left 5 bar  Pressure control module, 3rd axle right 1 bar	2024		•	_	$\vdash$		$\vdash$	$\vdash$	Н		$\dashv$	-	+
	Pressure control module, 3rd axie right 10 bar	2024		•		Н				Н		$\dashv$	_	+
	Pressure control module, 3rd axle right 5 bar	2024	ı	•										
	Pressure control module, front axle, left 10 Bar	2024		•										$\perp$
	Pressure control module, front axle, left 5 Bar	2024		•						$\vdash$		-	_	+
	Pressure control module, front axle, right 1 Bar  Pressure control module, front axle, right 10 Bar	2024		•		$\vdash$	$\vdash$	$\vdash$		$\vdash$		$\dashv$	-	+
	Pressure control module, front axle, right 5 Bar	2024		•									$^{+}$	+
	Pressure limiting valve (DBV) open	2024												
	Pressure sensors, Calibration	2024		$\perp$						Ш			•	$\perp$
	Radar sensor offset values	2024		⊢		H				Н		-	-	+
	Read injector configuration Read service parameters	2024		$\vdash$		Н				Н	•	$\dashv$	_	+
	Reset AdBlue plausibility	2024												
	Reset AdBlue plausibility test	2024												$\perp$
	Reset after oxidation catalyst replacement	2024								$\vdash$		-	_	+
	Reset differential pressure sensor Reset IDU counter	2024	_	$\vdash$		$\vdash$	$\vdash$	$\vdash$		•		$\dashv$	-	+
	Reset learned values of the pressure limiting valve	2024								Ť			$\pm$	+
	Reset monitoring for excessively frequent detection of the WWH-OBD diagnostic memory	2024								П				$\top$
	Reset NOx downstream catalytic sensor values	2024							П					$\perp$
	Reset NOx upstream cat sensor values	2024		⊢		_				Ш		$\vdash$	_	+
	Reset of target values of exhaust gas temp regulator  Reset parameter; number of interrupted regenerations	2024		$\vdash$		$\vdash$		$\vdash$		$\vdash$		$\dashv$	-	+
	Reset parameter; too frequent regeneration request	2024								П			_	+
	Reset service	2024									•			$\pm$
	Reset the diesel particulate filter differential pressure sensor learned values	2024				Ē	Г		П	口			Ŧ	T
	Reset values after exchanging particulate trap	2024		-		-	-	-	Н	Щ	Н	$\dashv$	-	+
	Resetting a regeneration block Resetting ageing counter for diesel particulate filter	2024		-		$\vdash$	$\vdash$		$\vdash$	$\vdash$		$\vdash$	+	+
	Resetting ageing counter for SCR1 catalytic converters	2024							Н	$\neg$			$^{+}$	+
	Resetting ageing counter for SCR2 catalytic converters	2024								┚			#	$\top$
	Resetting ageing counter for SCR3 catalytic converters	2024		-	-	$\vdash$	$\vdash$	$\vdash$	$\vdash$	ш	$\vdash$	$\dashv$	+	+
	Resetting aging counter for oxidation catalytic converter  Resetting catalytic converter blockage detection	2024		-	-	$\vdash$	$\vdash$		Н	$\vdash$		+	+	+
	Resetting Catalytic Converter blockage detection  Resetting the values on silencer replacement	2024				Н			Н	$\vdash$	H	$\dashv$	$\dashv$	+
	Rev-up test	2024											⇉	
	Screen test	2024	ı	Г			Г		П	괴			T	1
	Service regeneration	2024		-		$\vdash$	-	-	$\vdash$	اح	Н	$\dashv$	-	+
1	Slope sensor calibration Solenoid valves test	2024		-		$\vdash$	$\vdash$		$\vdash$	•		$\vdash$	-	+
	Spray test	2024							Н	$\neg$			_	+
		2024												
	Suspected manipulated reset AdBlue	2024				•							I	$\top$
	System fill-up	2024		-								_		_
	System fill-up System pressure build-up, test	2024 2024	. •			H		$\vdash$					$\rightarrow$	+
	System fill-up System pressure build-up, test Trip odometer reset	2024 2024 2024	l •							•				Ŧ
	System fill-up System pressure build-up, test	2024 2024	1							•			#	+
	System fill-up System pressure build-up, test Trip odometer reset Vehicle present max speed	2024 2024 2024 2024												
	System fill-up System pressure build-up, test Trip odometer reset Vehicle present max speed Window litter calibration Window Litter Test	2024 2024 2024 2024 2024 2024								•				
TGL[24->]	System fill-up System pressure build-up, test Trip odometer reset Vehicle present max speed Window litter calibration	2024 2024 2024 2024 2024		•	•	•	•		•	•			•	
	System fill-up System pressure build-up, test Trip odometer reset Vehicle present max speed Window lifter calibration Window Lifter Test  Year model updated	2024 2024 2024 2024 2024 2024							•	•				
TGL [24->] TGM [20-24]	System fill-up System pressure build-up, test Trip odometer reset Vehicle present max speed Window litter calibration Window Litter Test	2024 2024 2024 2024 2024 2024				•				•	•		•	
	System fill-up System pressure build-up, test Trip odometer reset Vehicle present max speed Window litter calibration Window litter Test  Year model updated Year model updated (Customer specific) Speed limit modification 4-button keypad	2024 2024 2024 2024 2024 2024 2024 2024		•						•	•		•	
	System fill-up System pressure build-up, test Trip odometer reset Vehicle present max speed Window lifter calibration Window Lifter Test  Year model updated  Year model updated (Customer specific) Speed limit modification 4-button keypad Activate Brake pad wear symbol and display message	2024 2024 2024 2024 2024 2024 2024 2024		•						•	•		•	
	System fill-up System pressure build-up, test Trip odometer reset Vehicle present max speed Window litter calibration Window litter fest  Year model updated  Year model updated (Customer specific) Speed limit modification 4-button keypad Activate Brake pad wear symbol and display message Activate tokek lamp brake red/display message	2024 2024 2024 2024 2024 2024 2024 2024		•						•	•		•	
	System fill-up System pressure build-up, test Trip odometer reset Vehicle present max speed Window lifter calibration Window Lifter Calibration Window Lifter Test  Year model updated  Year model updated (Customer specific) Speed limit modification 4-button keypad Activate Brake pad wear symbol and display message Activate Check lamp plowowigsplay message Activate check lamp plowowigsplay message	2024 2024 2024 2024 2024 2024 2024 2024		•						•	•		•	
	System fill-up System pressure build-up, test Trip odometer reset Vehicle present max speed Window litter calibration Window litter fest Year model updated Year model updated (Customer specific) Speed limit modification 4-button keypad Activate brake pad wear symbol and display message Activate check lamp brake red/display message	2024 2024 2024 2024 2024 2024 2024 2024		•						•	•		•	
	System fill-up System pressure build-up, test Trip odometer reset Vehicle present max speed Window lifter calibration Window Lifter Calibration Window Lifter Test  Year model updated  Year model updated (Customer specific) Speed limit modification 4-button keypad Activate Brake pad wear symbol and display message Activate Check lamp plowowigsplay message Activate check lamp plowowigsplay message	2024 2024 2024 2024 2024 2024 2024 2024		•						•	•		•	
	System fill-up System pressure build-up, test Trip odometer reset Vehicle present max speed Window litter calibration Window litter albiration Window Litter Test  Year model updated Year model updated (Customer specific) Speed limit modification 4-button Keypad Activate Brake pad wear symbol and display message Activate check lamp prake red/display message Activate check lamp brake red/display message Adblue dosage test: Large Adblue dosage test: Large Adblue dosage test: Small Addbund adjustment	2024 2024 2024 2024 2024 2024 2024 2024		•						•	•		•	
	System fill-up System pressure build-up, test Trip odometer reset Vehicle present max speed Window litter calibration Window litter fest Year model updated Year model updated (Customer specific) Speed limit modification 4-button keypad Activate Brake pad wear symbol and display message Activate check lamp brake red/display message Activate check lamp brake red/display message Adblue dosage test: Large Adblue dosage test: Medium Adblue dosage test: Hedium Adblue dosage test: Medium Adblue dosage test: Hedium Adblue dosage test: Hedium Adblue dosage test: Hedium Adblue dosage test: Hedium	2024 2024 2024 2024 2024 2024 2024 2024		•						•	•		•	

auto <sub>'</sub> com'			Fooing	Brake	<ul><li>Instrument</li></ul>	• AC	<ul><li>Gearbox</li></ul>	<ul> <li>Immobiliser</li> </ul>	<ul> <li>Restraints</li> </ul>	<ul> <li>Multifunction</li> </ul>	<ul><li>Service</li></ul>	• EV	<ul> <li>Suspension</li> </ul>	• TPMS	ADAS
	Calibration of servomotors Calibration radar	20		F	F	•		Ė					-	1	
	Camera arm commissioning	20	24	t											•
	Central locking Commissioning	20		$\pm$		•				•				1	_
	Compression test Current oil quality	20		+	-	H		H			•	$\dashv$		+	-
	Cylinder deactivation Delete safety error memory	20			F	F	F	F				=	_	4	=
	Display brightness	20	24	ľ	L										•
	Erase SPN 4685 ESP System Sensors Calibration	20		•	+	$\vdash$	$\vdash$	$\vdash$	H		_	$\dashv$	-	+	_
	Exchange filter cartridge HCI system test	20		+	H	H	H	H		•		$\exists$	-	$\dashv$	_
	HCI system test gen 2	20	24		L	L								1	
	High-pressure test Injector programming	20	24												
	Lambda correction factor  Level sensor calibration	20		+	$\vdash$	$\vdash$		$\vdash$				$\dashv$	•	+	_
	LIN addressing of the servomotors	20	24	F		•									=
	Line filling confirmation Mirror adjustment	20	24			ľ				•					
	Pressure control module front axle left 1 Bar  Pressure control module, 2nd axle left 1 bar	20		•		$\vdash$	$\vdash$	$\vdash$	H		_	$\dashv$	-	+	_
	Pressure control module, 2nd axle left 10 bar	20	24	•		L								1	
	Pressure control module, 2nd axle left 5 bar  Pressure control module, 2nd axle right 1 bar	20		•										1	_
	Pressure control module, 2nd axle right 10 bar  Pressure control module, 2nd axle right 5 bar	20		•		H	H	H				$\exists$		$\dashv$	_
	Pressure control module, 3rd axle left 1 bar	20	24	•		İ								#	
	Pressure control module, 3rd axle left 10 bar Pressure control module, 3rd axle left 5 bar	20	24	•		L	L		Н			$\exists$	_	_	
	Pressure control module, 3rd axle right 1 bar Pressure control module, 3rd axle right 10 bar	20		•		F	F	F	Н	П	Н	Н	Ŧ	7	4
	Pressure control module, 3rd axle right 5 bar	20	24			E		E						1	
	Pressure control module, front axle, left 10 Bar  Pressure control module, front axle, left 5 Bar	20		•		$\vdash$		H				$\dashv$	-	+	-
	Pressure control module, front axle, right 1 Bar Pressure control module, front axle, right 10 Bar	20		•		F	F	F				$\exists$		$\dashv$	=
	Pressure control module, front axle, right 5 Bar	20	24	•		L									
	Pressure limiting valve (DBV) open Pressure sensors, Calibration	20		+	+	$\vdash$	$\vdash$	$\vdash$	$\vdash$		_	$\dashv$	•	+	_
	Radar sensor offset values	20 20		+	F	L								4	•
	Read injector configuration Read service parameters	20	24								•			#	
	Reset AdBlue plausibility Reset AdBlue plausibility test	20			-	$\vdash$						$\dashv$		+	_
	Reset after oxidation catalyst replacement	20	24		F	F	F	F						4	
	Reset differential pressure sensor Reset IDU counter	20	24							•				1	_
	Reset learned values of the pressure limiting valve  Reset monitoring for excessively frequent detection of the WWH-OBD diagnostic memory	20				$\vdash$		$\vdash$	H			$\dashv$		+	_
	Reset NOx downstream catalytic sensor values	20	24		F	F	F	F						7	
	Reset NOx upstream cat sensor values  Reset of target values of exhaust gas temp regulator	20	24												
	Reset parameter; number of interrupted regenerations  Reset parameter; too frequent regeneration request	20			$\vdash$	⊢	$\vdash$	⊢	$\vdash$		_	$\dashv$	-	+	_
	Reset service	20	24			L					•			4	
	Reset the diesel particulate filter differential pressure sensor learned values  Reset values after exchanging particulate trap	20	24											1	_
	Resetting a regeneration block  Resetting ageing counter for diesel particulate filter	20												+	_
	Resetting ageing counter for SCR1 catalytic converters	20	24		F	F		F						7	
	Resetting ageing counter for SCR2 catalytic converters  Resetting ageing counter for SCR3 catalytic converters	20										$\exists$		1	
	Resetting aging counter for oxidation catalytic converter  Resetting catalytic converter blockage detection	20			$\vdash$	⊢	$\vdash$	H	H		_	$\dashv$	_	+	_
	Resetting the values on silencer replacement	20	24			L									
	Rev-up test Screen test	20		+										+	•
	Service regeneration Stope sensor calibration	20		+	H	H		H		•		$\dashv$		-	_
	Solenoid valves test	20		t						Ĭ			•	1	
	Spray test Suspected manipulated reset AdBlue	20		+	+	$\vdash$	$\vdash$	$\vdash$	H		_	$\dashv$	-	+	_
	System fill-up System pressure build-up, test	20		+	H	•		H				-1		4	
	Trip odometer reset	20	24	$\pm$						•				#	
	Vehicle present max speed Window lifter calibration	20		+						•		$\dashv$		+	-
	Window Lifter Test	20								•					
TGM [24->]	Year model updated	2024-20	25	•	•	•	•		•	•			•		•
TGX [20-24]	Year model updated	20	24	•	•	•	•		•	•	•		•	_	•
	(Customer specific) Speed limit modification	20	24	Ė	Ė	Ė	Ė	F		•				7	
	4-button keypad Actuator test of clutch	20 20		+	H		•		Н	•		$\exists$		1	-
	AdBlue dosage test: Large AdBlue dosage test: Medium	20				H						$\dashv$		$\dashv$	_
	AdBlue dosage test: Small	20	24			L									
	Automatic adjustment Brake pad check	20			$\vdash$	+	$\vdash$	$\vdash$	H		_	$\dashv$		+	_
	Calibration camera Calibration Data	20 20		F	F	F	H	F				$\exists$		$\exists$	•
	Calibration of servomotors	20	24			•									Ť
	Calibration of steering angle sensor  Calibration radar	20		•	$\vdash$	⊢	$\vdash$	$\vdash$	H		_	$\dashv$	-	+	•
	Camera arm commissioning	20	24	T	F				П			П	#	1	•
	Central locking Clutch actuator fluid change	20	24	$\pm$	H	$\pm$	•	$\vdash$	Н	•	Н	Н	_	_	$\exists$
	Clutch actuator replacement Clutch bleed	20	24	F	F	F	•		П			Ħ	7	7	4
	Clutch separation -maximum opening position	20	24		Ė		•						$\pm$	$\pm$	
	Clutch separation test Commissioning	20		+	H	•	•	+	H		H	Н	+	+	$\dashv$
	Compression test	20	24	1	F	Ĺ	F	F	П			П	#	#	$\exists$
	Current oil quality	20		+	+	+	+	$\vdash$	$\vdash$		•	$\vdash$	+	+	=
	Cylinder deactivation			_							_				
	Cylinder deactivation Delete safety error memory Display brightness	20	24	•		H						$\dashv$	-	4	

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auto:com			• Engine	Brake	• Instrument	• AC	Gearbox	Immobiliser	Restraints	<ul> <li>Multifunction</li> </ul>	• Service	• EV	Suspension	• TPMS	ADAS
	Enable ZF-CAN Erase SPN 4685	2024					•			Н		$\dashv$	+	+	-
	Exchange filter cartridge Gear stop values	2024					•			•		-	-	$\dashv$	7
	Gears, test	2024		F			•						4	7	=
	HCI system test HCI system test gen 2	2024	•											1	
	High-pressure test Injector programming	2024				$\vdash$				Н		$\dashv$	+	+	-
	Lambda correction factor Level sensor calibration	2024 2024		H								$\exists$	•	-	7
	LIN addressing of the servomotors Line filling confirmation	2024				•							Ī	7	=
	Mirror adjustment	2024				•				•			1		
	New clutch disc New clutch fitted	2024				$\vdash$	•			$\vdash$		$\dashv$	+	+	-
	New control unit New gear shift box fitted	2024 2024					•							$\dashv$	7
	Position sensor exchanged	2024					•						#	#	Ξ
	Pressure control modules Pressure limiting valve (DBV) open	2024		•										$\exists$	
	Pressure sensors, Calibration Program clutch biting point	2024					•						•	4	7
	Programmed opening position	2024					•						1	1	
	Radar sensor offset values Read injector configuration	2024								Н		$\dashv$	+	$\dashv$	•
	Read service parameters Reset AdBlue plausibility	2024 2024		F							•		4	4	7
	Reset AdBlue plausibility test	2024	•										1	1	╛
	Reset after oxidation catalyst replacement Reset differential pressure sensor	2024		$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$		$\dashv$	+	+	$\dashv$
	Reset IDU counter	2024						F	H	•			4	1	7
	Reset learned values of the pressure limiting valve Reset monitoring for excessively frequent detection of the WWH-OBD diagnostic memory	2024	•										1	$\exists$	$\exists$
	Reset NOx downstream catalytic sensor values Reset NOx upstream cat sensor values	2024										$\dashv$	+	$\dashv$	-
	Reset of target values of exhaust gas temp regulator	2024	•										1	1	$\exists$
	Reset parameter; number of interrupted regenerations Reset parameter; too frequent regeneration request	2024 2024	•											$\exists$	
	Reset service  Reset the diesel particulate filter differential pressure sensor learned values	2024				$\vdash$				-	•	$\dashv$	+	+	-
	Reset values after exchanging particulate trap	2024	•											1	
	Resetting a regeneration block Resetting ageing counter for diesel particulate filter	2024						H		Н		$\dashv$	-	$\dashv$	$\dashv$
	Resetting ageing counter for SCR1 catalytic converters	2024											-	$\exists$	=
	Resetting ageing counter for SCR2 catalytic converters Resetting ageing counter for SCR3 catalytic converters	2024	•											1	
	Resetting aging counter for oxidation catalytic converter  Resetting catalytic converter blockage detection	2024				$\vdash$				$\vdash$		$\dashv$	+	+	-
	Resetting the values on silencer replacement Retarder accumulator charging valve	2024 2024					•							4	4
	Retarder proportional valve	2024					•						1	$\exists$	
	Retarder safety valve Retarder switching valve	2024					•					$\dashv$	+	$\dashv$	-
	Rev-up test Screen test	2024			_					•				$\dashv$	_
	Service regeneration	2024	•												Ť
	Slope sensor calibration Solenoid valve for gate position left	2024					•			•		$\dashv$		$\dashv$	-
	Solenoid valve for gate position right	2024					•						4	4	7
	Solenoid valve for high splitter box Solenoid valve for low splitter box	2024					•							1	
	Solenoid valve for shifting backwards Solenoid valve for shifting forwards	2024				$\vdash$	•			Н		$\dashv$	+	+	$\dashv$
	Solenoid valve gearbox brake	2024					•							4	7
	Solenoid valve neutral position Solenoid valve PTO 1	2024					•								_
	Solenoid valve PTO 2 Solenoid valve range change group fast	2024					•					-		$\dashv$	-
	Solenoid valve range change group slow	2024					•						_	1	=
	Solenoid valves test Spray test	2024	•										•	$\exists$	_
	Suspected manipulated reset AdBlue System fill-up	2024				•				_			+	+	-
	System pressure build-up, test	2024	•			Ĭ								#	
	Tilt Sensor Calibration Trip odometer reset	2024					•	Н		•		$\dashv$	-	$\dashv$	$\dashv$
	Used clutch disc Used clutch fitted	2024					•							$\dashv$	=
	Used control unit fitted	2024					•							1	
	Vehicle present max speed Window lifter calibration	2024		$\vdash$	-					•			$\dashv$	+	-
	Window Lifter Test Yaw Rate Sensor Calibration	2024 2024		•						•				4	4
		•		•											_
TGX [24->]	Year model updated	2024-2025	•	•	•	•	•		•	•			•		•
TGS [20-24]	Year model updated	2024		•	•	•	•		•	•	•		•	$\Box$	•
	(Customer specific) Speed limit modification 4-button keypad	2024								•				$\pm$	
	Actuator test of clutch AdBlue dosage test: Large	2024					•						$\dashv$	$\dashv$	-
	AdBlue dosage test: Medium	2024	•											#	⊐
	AdBlue dosage test: Small Automatic adjustment	2024				$\vdash$				Н		$\dashv$		+	•
	Brake pad check	2024		•										4	•
	Calibration camera Calibration Data	2024											1	1	•
	Calibration of servomotors Calibration of steering angle sensor	2024		•	F	•	_	H	H	H	H	-	4	-[	$\dashv$
	Calibration radar	2024		Ě									#	#	•
	Camera arm commissioning Central locking	2024					H	Н	Н	•			_	_	-
	Clutch actuator fluid change Clutch actuator replacement	2024		F		F	•	F	П	П		$\neg$	7	7	7
	Clutch bleed	2024					•						1	1	$\exists$
	Clutch separation -maximum opening position Clutch separation test	2024		$\vdash$	$\vdash$	$\vdash$	•	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\dashv$	+	+	$\dashv$
	Commissioning	2024				•		F	Е				4	7	7
	Compression test Current oil quality	2024		L			L				•		Ⅎ	Ⅎ	$\exists$
	Cylinder deactivation	2024	•						LĪ					ſ	

utovcom			Engine	Brake	usunusu V	2	Gearbox	Restraints	Multifunction	Service		Suspension	TPMS
	Delete and the control of the contro	2004	•		•	•	•	•	•	•	•	• •	•
	Delete safety error memory	2024 2024	_	•	+	+	+	+	$\vdash$	$\vdash$	$\rightarrow$	+	-
	Display brightness Drain/top up retarder oil	2024		+	+	+		+	$\vdash$		$\rightarrow$	+	-
	Enable ZF-CAN	2024		+	+	+	-	+	$\vdash$	$\vdash$	$\rightarrow$	+	-
		2024		$\vdash$	+	+	-	+	$\vdash$	$\vdash$	$\rightarrow$	+	-
	Erase SPN 4685		_	$\vdash$	+	+	+	+		$\vdash$	$\rightarrow$	+	$\dashv$
	Exchange filter cartridge	2024		-	+	-	_	+-	•	$\vdash$	$\rightarrow$	$\rightarrow$	-
	Gear stop values	2024			$\perp$	-	•	+	ш		$\rightarrow$	_	_
	Gears, test	2024		$\perp$	$\perp$	-		_	ш		_		
	HCI system test	2024	•								ш		
	HCI system test gen 2	2024	•							1			
	High-pressure test	2024	•		Т		$\neg$	Т		П	П		
	Injector programming	2024	•		$\top$		$\top$	$\top$			$\neg$		_
	Lambda correction factor	2024	•		$\top$	$\top$	$\top$	$\top$			$\neg$	$\overline{}$	_
	Level sensor calibration	2024	_		+	+	+	+	$\vdash$	$\vdash$		_	_
					١,		+	+	$\vdash$	$\vdash$	$\rightarrow$	<u> </u>	_
	LIN addressing of the servomotors	2024		-			+	+	$\vdash$	$\vdash$	$\rightarrow$	-	-
	Line filling confirmation	2024	_	-	4	•	+	+	$\vdash$	$\vdash$	$\rightarrow$	$\rightarrow$	_
	Mirror adjustment	2024			$\perp$	_	_	₩	•		$\vdash$	_	
	New clutch disc	2024				-		$\perp$			ш		
	New clutch fitted	2024			Т		•	Т			П		
	New control unit	2024			$\top$			-			$\neg$	-	_
	New gear shift box fitted	2024		$\vdash$	+			+	$\vdash$		$\overline{}$	-	_
		2024	<del>                                     </del>	+	+			+	$\vdash$	$\vdash$	$\rightarrow$	+	_
	Position sensor exchanged		-	-	+	+	+	+	$\vdash$	$\vdash$	$\rightarrow$	$\rightarrow$	_
	Pressure control modules	2024	_	•	$\perp$	+	+	-	$\sqcup$	$\Box$	$\rightarrow$	$\rightarrow$	
	Pressure limiting valve (DBV) open	2024	•					$\perp$	ш		Ш		
	Pressure sensors, Calibration	2024				Т				┎⋾		•	Ī
	Program clutch biting point	2024			$\top$	1	•	T		П	$\neg$	$\neg$	_
	Programmed opening position	2024		+	+			+	$\vdash$	$\vdash$	$\rightarrow$	+	-
	Padar canear offeat value	2024	$\vdash$	$\vdash$	+	+	+	+	$\vdash$	$\vdash$	$\rightarrow$	+	-
	Radar sensor offset values		-	$\vdash$	+	+	+	+-	$\vdash$	$\vdash$	$\dashv$	$\rightarrow$	_
	Read injector configuration	2024	•	$\perp$	4	+	$\perp$	+	ш	$\square$	Н	$\perp$	_
	Read service parameters	2024		$\sqcup$	$\perp$	$\perp$	$\perp$	$\bot$	$\sqcup$	•	ш	$\perp$	_
	Reset AdBlue plausibility	2024	•		Т	Т		Т			П		
	Reset AdBlue plausibility test	2024	•		$\neg$		$\neg$	$\top$					_
	Reset after oxidation catalyst replacement	2024	•		+	+	+	+	$\vdash$	H	-	-	_
				-	+	+	+	+	$\vdash$	$\vdash$	$\rightarrow$	-	-
	Reset differential pressure sensor	2024	•	-	+	+	+	+	$\vdash$	$\vdash$	$\rightarrow$	+	_
	Reset IDU counter	2024			$\perp$	_	$\perp$	₩	•		$\vdash$	_	
	Reset learned values of the pressure limiting valve	2024	•								ш		
	Reset monitoring for excessively frequent detection of the WWH-OBD diagnostic memory	2024	•		Т			Т			П		
	Reset NOx downstream catalytic sensor values	2024	•		$\top$			$\top$			$\neg$		Т
	Reset NOx upstream cat sensor values	2024	•		$\top$	$\top$	$\top$	+	$\vdash$		$\neg$		_
			•		+	+	+	+	$\vdash$	$\vdash$	-	+	-
	Reset of target values of exhaust gas temp regulator	2024		-	+	+	+	+	$\vdash$	$\vdash$	$\rightarrow$	+	_
	Reset parameter; number of interrupted regenerations	2024	•	$\vdash$	+	+	+	+	ш	$\vdash$	$\rightarrow$	_	_
	Reset parameter; too frequent regeneration request	2024	•	-	$\perp$	_	$\perp$	₩	ш		$\vdash$	_	
	Reset service	2024								•	ш		
	Reset the diesel particulate filter differential pressure sensor learned values	2024	•							1 1			
	Reset values after exchanging particulate trap	2024	•		Т			$\top$			П		Т
	Resetting a regeneration block	2024	•			$\top$		$\top$			$\neg$	$\neg$	_
		2024	•		+	+	+	+	$\vdash$	H	-	+	-
	Resetting ageing counter for diesel particulate filter			-	+	+	+	+	$\vdash$	$\vdash$	$\rightarrow$	+	_
	Resetting ageing counter for SCR1 catalytic converters	2024	•	-	_	_	_	_	ш		$\rightarrow$	_	
	Resetting ageing counter for SCR2 catalytic converters	2024	•		$\perp$	$\perp$	$\perp$	Щ	ш		$\perp$	_	
	Resetting ageing counter for SCR3 catalytic converters	2024	•							1 1			
	Resetting aging counter for oxidation catalytic converter	2024	•					$\top$			$\Box$		
	Resetting catalytic converter blockage detection	2024	•		+	+	+	+	$\vdash$	$\vdash$	$\overline{}$	-	_
				-	+	+	+	+	$\vdash$	$\vdash$	$\rightarrow$	-	-
	Resetting the values on silencer replacement	2024	•	-	+	+	_	+	$\vdash$	$\vdash$	$\rightarrow$	-	_
	Retarder accumulator charging valve	2024			$\perp$		•	₩	ш		$\vdash$	_	
	Retarder proportional valve	2024				_		$\perp$	ш		ш		
	Retarder safety valve	2024				- 10	•			1 1			
	Retarder switching valve	2024			Т		•	Т			П		Т
	Rev-up test	2024	•		$\top$	+		+	$\vdash$	$\Box$		_	_
			Ť	-	+	+	+	+	•	$\vdash$	$\rightarrow$	-	_
	Screen test	2024	_	-	+	+	+	+	-	$\vdash$	$\rightarrow$	-	-
	Service regeneration	2024	•	-	-	+	_	+	ш	$\vdash$	$\rightarrow$	_	_
	Slope sensor calibration	2024						$\perp$	•				
	Solenoid valve for gate position left	2024	L	ЩĪ	L.		•		L_J	L_I	آلے	1_	_
	Solenoid valve for gate position right	2024		П	$\top$	T	•			П	$\neg$		_
	Solenoid valve for high splitter box	2024		$\vdash$	$\neg$			$\top$	$\Box$	П	$\neg$	$\neg$	-
			-	$\vdash$	+			+-	$\vdash$	$\vdash$	$\rightarrow$	+	-
	Solenoid valve for low splitter box	2024		-	-			+	$\vdash$	$\vdash$	$\rightarrow$	-	_
	Solenoid valve for shifting backwards	2024		-	_			_	ш		$\rightarrow$	_	
	Solenoid valve for shifting forwards	2024			$\perp$	•		Щ	ш		$\perp$		
	Solenoid valve gearbox brake	2024				-   •	•			1 1			
	Solenoid valve neutral position	2024					•	$\top$		П	$\Box$		Τ
	Solenoid valve PTO 1	2024			-	-	•	+	$\vdash$	$\Box$	$\neg$	-	_
			_	-	+			+	$\vdash$	$\vdash$	$\rightarrow$	-	-
	Solenoid valve PTO 2	2024	$\vdash$	$\vdash$	+		-	+-	$\vdash$	$\vdash$	$\rightarrow$	$\rightarrow$	_
	Solenoid valve range change group fast	2024	_	$\vdash$	1		•	4	$\sqcup$	ш	ப	_	_
	Solenoid valve range change group slow	2024	ட		_1		•		LЛ	шJ	டு		Ī
	Solenoid valves test	2024		П	$\top$	Т	T			П	$\neg$	•	_
	Spray test	2024	_	$\vdash$	+	$\top$	$\top$	$\top$	$\Box$	$\vdash$	$\neg$	$\neg$	-
		2024		$\vdash$	+	+	+	+-	$\vdash$	$\vdash$	$\rightarrow$	+	-
	Suspected manipulated reset AdBlue		-	$\vdash$	+	+	+	+	$\vdash$	$\vdash$	$\rightarrow$	+	_
	System fill-up	2024	_	$\vdash$	1	•	$\perp$	+	$\sqcup$	$\vdash$	ш	$\rightarrow$	_
	System pressure build-up, test	2024	•	ЦΓ					LΙ	LΙ	∟Γ	[	_
	Tilt Sensor Calibration	2024				•	•	T				$\neg$	_
	Trip odometer reset	2024		$\vdash$	+	+	-	+	•	$\vdash$	$\dashv$	+	-
			$\vdash$	$\vdash$	+	+	+	+	-	$\vdash$	$\rightarrow$	+	_
	Used clutch disc	2024	-	$\vdash$	$\perp$		•	+	$\vdash$	$\vdash$	ш	$\rightarrow$	_
	Used clutch fitted	2024	_	Ш	$\perp$			$\perp$			ш		_
	Used control unit fitted	2024		-T		T	•					$ \top$	1
	Vehicle present max speed	2024	<del>                                     </del>	$\vdash$	$\perp$	+	+	+	$\vdash$	$\vdash$	$\vdash$	+	-
			-	$\vdash$	+	+	+	+	닏	$\vdash$	$\rightarrow$	+	-
	Window lifter calibration	2024	<b>—</b>	$\vdash$	$\perp$	+	+	—	•	$\vdash$	$\dashv$	$\rightarrow$	_
	Window Lifter Test	2024	_	Ш	$\perp$	$\perp$	$\perp$	$\perp$	•		ш		
	W B . B . B . B . B			•					1		. – T		
	Yaw Rate Sensor Calibration	2024		_			- 1		1 1	1 1			

MAN Bus Chassis											
Citybus [Electric]	Year model updated	2021-2023	Т	Т	Т	TT		•	•	$\Box$	П
	Calibrate kink angle sensor	2021-2023	П				-	•			
	Check certificates	2021-2023	$\Box$	$\perp$		$\Box$			•		

Mercedes bus / Setra													
Capacity euro VI	Year model updated	2014-2024	•	•	•	•	•	•	•	•	•	•	•
	Actuation of AdBlue delivery pump	2024	•							$\Box$			
	Actuation of vehicle level	2024									•		
	Actuation of water valves	2024				•				Т	П		
	AdBlue® heater, coolant solenoid valve	2024	•							Т			
	Air compressor characteristics	2024											
	Automatically move to normal level	2024									•		
	Bleed routine of Diesel fuel metering device	2024	•			П				Т			
	Blowers	2024				•							
	Boost pressure regulator	2024	•			П				Т			П
	Brake pressure test additional axle	2024		•		Т	П	$\neg \top$		Т	Т		
	Brake pressure test drive axle	2024		•						Т			

auto:com <sup>°</sup>			• Engine		• Instrument	• AC	Gearbox	Immobiliser	Restraints     Multifunction		• EV	• Suspension	• TPMS	ADAS
	Brake pressure test front axle Calibration by means of test drive	2024 2024		•					$\pm$	$\pm$				•
	Calibration of Exhaust Gas Recirculation  Calibration of the multifunction camera	2024 2024	•					-	7	+			$\dashv$	_
	Change set values for tire pressure	2024							#	ŧ			•	Ĭ
	Check ABS solenoid valves at front axle Cleaning of diesel oxidation catalytic converter	2024 2024	•	•					1	t				
	Compression test Compressor, Fan for Condenser and Auxiliary heating	2024 2024	•		-	•	_	_	+	+			+	_
	CVN (Calibration verification number) (CVN)	2024				Ĭ			#	ļ				
	Cylinder deactivation Engine brake solenoid valve, stage 1	2024 2024							$\pm$	±			_	_
	Engine brake solenoid valve, stage 2 Erasing of emissions-relevant fault codes	2024 2024	•	H				$\dashv$	+	+			$\dashv$	-
	Exhaust Gas flap	2024						_	#	F			4	=
	Exhaust Gas Recirculation controller Fan clutch solenoid valve	2024 2024	•						#	t				
	Flooding of retarder Fuel Metering Solenoid Valve	2024 2024		•				$\dashv$	+	+			$\dashv$	-
	Fuel shutoff valve Function test of countershaft brake	2024 2024	•						Ŧ	F			$\dashv$	=
	Function test of shift operation	2024					•		#	Þ				
	Function test of splitter operations Injector code programming	2024 2024	•	$\vdash$	-		•	$\dashv$	+	+	$\vdash$	_	$\dashv$	-
	Leak test of AdBlue metering device	2024 2024								+			4	=
	Learning of aligned axles Learning of clutch with manual gearbox	2024							-					
	Learning of wheel sensor ID Legal speed limit	2024 2024							+	+			•	-
	Manual regeneration of diesel particulate filter	2024	•		H			#	#	F			#	$\exists$
	Mileage from Tachograph-ECU  Nox Torque limit	2024 2024							$\pm$	t				$\exists$
<u> </u>	Parameter setting Component A18 r1 (Heating element)  Parameter setting, Condensation sensor	2024 2024		$\vdash$	H	H	H	$\dashv$	•			H	+	$\dashv$
	Parameter settings Electronic Air-Process Unit (EAPU) Parameterization of Lane assistant camera	2024							•				4	
	Parameterization of Lane assistant camera  Parameterization of Short range radar	2024 2024							$\pm$	±				•
	Partially-automated calibration for high-floor vehicles (tourist bus)  Partially-automated calibration for low-floor vehicles (city bus)	2024 2024						$\dashv$	$\mp$	+		•	$\dashv$	$\exists$
	Reactivation of active brake assistance	2024							۲.					•
	Read data from ECU and save data to file Reading set values for tire pressure	2024 2024							•	+			•	
	Reading tire pressure sensor ID number Reset control unit	2024 2024						$\dashv$		+	-		•	-
	Reset learned values	2024								$\perp$		•		
	Resetting of counter "Regenerated air volume"  Resetting of routine "Function test of compressed air system"	2024 2024							•					-
	Resetting the counter for AdBlue consumption Resetting the fault memory function	2024 2024	•	•					=	F			$\dashv$	=
	Steering and learning of additional axle	2024							•					
	Switchover of function ASR (Acceleration Slip Regulation) Teach in Inclination sensor	2024 2024		•	Н		•	$\dashv$	+	+			$\dashv$	$\dashv$
	Teach in Transmission and clutch Teach-in of clutch	2024 2024					•	$\exists$	Ŧ	F			$\exists$	7
	Teach-in process of diesel particulate filter	2024					Ĭ		#	t				⇉
	Teach-in process of exhaust aftertreatment unit Test of Adblue metering amount	2024 2024	•	$\vdash$				+	+	+			$\dashv$	$\dashv$
	Test of clutch Test of NOx sensors	2024 2024					•	-	7	+			$\dashv$	=
	Transmission Configuration	2024	Ť						•	#			1	
	Ventilation flaps Write data to ECU from file	2024 2024				•		-	•	+			$\dashv$	-
Conecto euro VI	Year model updated	2019-2022												_
										_			_	_
Integro euro VI	Year model updated	2014-2016											•	_
O580 Travego euro VI	Year model updated	2013-2017							$\Box$	L			•	
Intouro euro VI	Year model updated	2014-2024	•	•	•	•	•	•	•	• •	I	•	•	•
	Actuation of AdBlue delivery pump  Actuation of vehicle level	2024 2024	•					$\dashv$	7	+			$\dashv$	=
	Actuation of water valves	2024				•			$\pm$	t		_		
	AdBlue® heater, coolant solenoid valve  Automatically move to normal level	2024 2024	•					-	+	+		•	$\dashv$	-
	Bleed routine of Diesel fuel metering device Bleed the fuel system.	2024 2024	•			•		_	#	+			$\exists$	=
	Blowers	2024				•			#	t				
	Boost pressure regulator  Brake pressure test additional axle	2024 2024	•	•				_	+	+			+	$\dashv$
	Brake pressure test drive axle	2024		•					#	1			4	=
	Brake pressure test front axle Calibration by means of test drive	2024 2024		•					$\pm$	$\pm$				•
	Calibration of Exhaust Gas Recirculation  Calibration of the multifunction camera	2024 2024	•	H	-			$\dashv$	+	+			$\dashv$	•
	Change set values for tire pressure	2024							#	1			•	=
	Check ABS solenoid valves at front axle  Cleaning of diesel oxidation catalytic converter	2024 2024	•	•				_	$\pm$	$^{+}$			$\exists$	_
	Compression test Compressor, Fan for Condenser and Auxiliary heating	2024 2024				•		-	+	+			$\dashv$	4
	CVN (Calibration verification number) (CVN)	2024						_	#	Ŧ			=	
	Cylinder deactivation Engine brake solenoid valve, stage 1	2024 2024	•						$\pm$	t				
	Engine brake solenoid valve, stage 2 Erasing of emissions-relevant fault codes	2024 2024		H	-		-	+	+	+	-	_	$\dashv$	-
	Exhaust Gas flap	2024	•						#	t				
	Exhaust Gas Recirculation controller Fan clutch solenoid valve	2024 2024			Н		Н	_	$\pm$	$\pm$	H		_	$\exists$
	Flooding of retarder	2024		•	П		П	7	#	F	F		$\exists$	7
	Fuel Metering Solenoid Valve Fuel shutoff valve	2024	•						$\pm$					$\exists$
	Function test of countershaft brake Function test of shift operation	2024 2024		$\vdash$	H	H	•	+	+	+	+	H	$\dashv$	$\dashv$
	Function test of splitter operations	2024					•	1	丰	F	F		#	コ
	Injector code programming  Leak test of AdBlue metering device	2024 2024							$\pm$	$\pm$				$\exists$
	Learning of aligned axles Learning of clutch with manual gearbox	2024 2024	H	H	Н		Н	$\dashv$	•		$\vdash$	H	$\dashv$	$\dashv$
	Learning of wheel sensor ID	2024			Ħ			4	丰	Ŧ			•	$\exists$
	Legal speed limit  Manual regeneration of diesel particulate filter	2024 2024	<b>-</b>	Н	Н		Н	+	+	+	+	H	$\dashv$	$\dashv$
	Manual regeneration of dieset particulate nitter	2024			_					-				_

	Nox Torque limit  Parameterization of Lane assistant camera  Parameterization of Short range radar  Partially-automated calibration for high-floor vehicles (tourist bus)  Partially-automated calibration for low-floor vehicles (city bus)  Reactivation of active brake assistance Reading set values for tire pressure  Reading set values for tire pressure  Reading fire pressure sensor ID number  Resetting for counter "Regenerated air volume"  Resetting of counter "Regenerated air volume"  Resetting the counter for AdBlue consumption  Resetting the counter for AdBlue consumption  Steering and learning of additional axle  Switchover of Incution ASR (Acceleration Slip Regulation)  Teach in Inclination sensor  Teach in Inclination sensor	2024 2024 2024 2024 2024 2024 2024 2024	•								=	#	•	
	Partially-automated calibration for high-floor vehicles (tourist bus)  Reactivation of active brake assistance Reading set values for tire pressure Reading tire pressure sensor ID number Reading tire pressure sensor ID number Reset learned values Resetting of counter *Regenerated air volume* Resetting the counter for AdBlue consumption Resetting the counter for AdBlue consumption Steering and learning of additional aide Switchover of function ASR (Acceleration Slip Regulation) Taech in Inclination sensor Taech in Transmission and clutch	2024 2024 2024 2024 2024 2024 2024 2024	•							╡	=	$\pm$	_	•
	Partially-automated calibration for low-floor vehicles (city bus) Reactivation of active brake assistance Reading set values for tire pressure Reading tire pressure sensor ID number Reset learned values Resetting for counter "Regenerated air volume" Resetting the counter for AdBlue consumption Resetting the fault memory function Resetting the fault memory function Steering and learning of additional aide Switchover of function ASR (Acceleration Slip Regulation) Teach in Inclination sensor Teach in Transmission and clutch	2024 2024 2024 2024 2024 2024 2024 2024	•						$\exists$	$\exists$	$\dashv$	$\perp$	-	I
	Reading set values for tire pressure Reading iter pressure sensor ID number Reset learned values Resetting of counter Tegenerated air volume* Resetting for counter Tegenerated air volume* Resetting the counter for AdBlue consumption Resetting the fault memory function Steering and learning of additional aide Switchower of function ASR (Acceleration Slip Regulation) Teach in Inclination sensor Teach in Transmission and clutch	2024 2024 2024 2024 2024 2024 2024	•				Ц	Н	$\neg$	$\rightarrow$			•	Τ.
	Reset learned values Resetting for counter "Regenerated air volume" Resetting the counter for AdBlue consumption Resetting the fault memory function Steering and learning of additional aide Switchover of function ASR (Acceleration Slip Regulation) Teach in Inclination sensor Teach in Transmission and clutch Teach-in of clutch h	2024 2024 2024 2024 2024	•			$\rightarrow$			$\rightarrow$	+	4	7		
	Resetting the counter for AdBlue consumption Resetting the fault memory function Steering and learning of additional axle Switchover of function ASR Acceleration Slip Regulation) Taech in Inclusion sensor Taech in Transmission and clutch Taech-in of clutch	2024 2024 2024		$\vdash$		-	d		$\equiv$	#	$\Rightarrow$	$\pm$	•	Ϊ
	Steering and learning of additional axie Switchows of Uniction ASR (Acceleration Slip Regulation) Teach in Inclination sensor Teach in Transmission and clutch Teach-in of Leutch	2024		1	$\exists$		Н		$\pm$	•	$\pm$	$\pm$	1	±
	Switchover of function ASR (Acceleration Slip Regulation) Teach in Inclination sensor Teach in Transmission and clutch Teach-in of clutch	2024	T	•	$\dashv$	$\dashv$	Н	Н	$\dashv$	•	+	+	+	+
	Teach in Transmission and clutch Teach-in of clutch	2024		•	$\exists$		•	П	=	$\exists$	4	$\dashv$	4	Ŧ
		2024			I		•	П	$\equiv$	#	#	#	#	#
	Teach-in process of diesel particulate filter	2024 2024					İ			╛	$\Rightarrow$	$\pm$	#	t
	Teach-in process of exhaust aftertreatment unit Test of Adblue metering amount	2024 2024			$\dashv$	$\dashv$	Н	Н	$\pm$	+	-	+	+	+
	Test of clutch Test of NOx sensors	2024 2024			$\exists$		•	П	=	4	4	$\exists$	_	Ŧ
	Ventilation flaps	2024			$\equiv$	•	d		$\equiv$	#	#	#	#	#
	Water pumps	2024		Ш	_	•	ᆜ	Ш		_		_		_
OC500 euro VI	Year model updated Actuation of AdBlue delivery pump	2024 2024		•	•	$\exists$	•	П	$\exists$	•	7	7	•	P
	AdBlue® heater, coolant solenoid valve	2024	•		I		口	П	I	#	#	コ	#	Ŧ
	Bleed routine of Diesel fuel metering device Boost pressure regulator	2024 2024	•		$\exists$				$\exists$	$\exists$	_	$\pm$	$\pm$	$\pm$
	Calibration of Exhaust Gas Recirculation Cleaning of diesel oxidation catalytic converter	2024 2024			H	7	H	П	Ŧ	7	4	7	4	Ŧ
	Compression test	2024	•	Ħ	#	Ħ	Ħ	Ħ	#	#	#	#	#	#
	CVN (Calibration verification number) (CVN) Cylinder deactivation	2024 2024	•						$\pm$	⇉	$\pm$			$\pm$
	Engine brake solenoid valve, stage 1 Engine brake solenoid valve, stage 2	2024 2024	•	H	Ŧ	7	H	Н	Ŧ	$\dashv$	$\dashv$	$\dashv$	+	+
	Erasing of emissions-relevant fault codes	2024	•		$\exists$		口	П	_	コ	#	コ	#	#
	Exhaust Gas Recirculation controller	2024 2024			╛				$\equiv$	$\pm$	$\pm$	$\pm$	$\pm$	士
	Fan clutch solenoid valve Flooding of retarder	2024 2024		•	$\dashv$	$\dashv$	H	Н	+	+	+	+	+	+
	Fuel Metering Solenoid Valve	2024	•	Ĺ	$\equiv$	$\equiv$	口	П	$\equiv$	#	#	#	#	#
	Fuel shutoff valve Function test of countershaft brake	2024 2024			$\exists$		•		$\equiv$	$\pm$	$\pm$	$\pm$	$\pm$	$\pm$
	Function test of shift operation  Function test of splitter operations	2024 2024		H	$\dashv$	$\dashv$	•	Н	$\dashv$	+	+	+	+	+
	Injector code programming Kneeling calibration of the right hand side	2024 2024	•	H	H	=	Ħ	П	7	7	4	7	Ŧ	#
	Leak test of AdBlue metering device	2024	•		コ		口		〓	⇉	_	$\exists$	1	士
	Learning of clutch with manual gearbox Legal speed limit	2024 2024	_		$\dashv$	$\dashv$	H	Н	+	•	+	+	+	+
	Level sensor calibration  Manual regeneration of diesel particulate filter	2024 2024			$\exists$	=	H	Н	$\exists$	4	4	7	•	Ŧ
	Mileage from Tachograph-ECU	2024			コ		d	П	〓	#	_	コ	#	#
	Nox Torque limit Parameterization of Lane assistant camera	2024 2024		Н	$\exists$		Н		1	$\pm$	1	$\pm$	1	+
	Pressure sensors, Calibration Read vehicle control unit list	2024 2024				$\dashv$	$\vdash$	Н	$\dashv$	+	+	+	•	+
	Resetting the counter for AdBlue consumption	2024						П	1	#	4	#	1	Ŧ
	Teach in Inclination sensor Teach in Transmission and clutch	2024			⇉		•		〓	$\exists$	士	コ	士	士
	Teach-in of clutch Teach-in process of diesel particulate filter	2024 2024			$\dashv$	$\dashv$	•	Н	$\dashv$	+	$\dashv$	+	+	+
	Teach-in process of exhaust aftertreatment unit Test of Adblue metering amount	2024 2024			$\exists$	$\exists$	H	П	=	7	7	7	#	Ŧ
	Test of clutch	2024			$\equiv$		•		コ	$\equiv$	$\Rightarrow$	$\Rightarrow$	#	#
	Test of NOx sensors	2024	•	Ш	_		ш	ш		_	_	_		
O530 E-citaro	Year model updated Activation of Indicator lamp of acoustic vehicle alerting system	2019-2024		•	•	•	П	П	$\dashv$	•		•	•	T
	Activation of Sound generator voltage converter	2024			$\exists$		口	П	$\equiv$	$\equiv$		•	#	#
	Activation of water valves Actuation of fan for Battery cooling	2024 2019-2024			$\exists$	•	Н		$\pm$	$\pm$	$\pm$	•	1	±
	Actuation of Fuel filter heater  Actuation of vehicle level	2024 2024			$\dashv$	•	Н	Н	$\dashv$	+	+	+	-	+
	Automatically move to normal level	2024			$\exists$		口	П	=	コ	#	コ	•	#
	Bleed the fuel system. Blowers	2024 2024			╛	•			$\equiv$	$\pm$	$\pm$	$\pm$	$\pm$	士
	Brake pressure test additional axle Brake pressure test drive axle	2024 2024		•	$\dashv$	$\dashv$	H	Н	+	+	+	+	-	+
	Brake pressure test front axle	2024		•	$\exists$	=	П	П	7	#	#	#	#	Τ,
	Calibration by means of test drive Check ABS solenoid valves at front axle	2024 2024		•			口			⇉		$\pm$		Ť
	Control of the braking resistance CVN (Calibration verification number) (CVN)	2024 2024			$\dashv$	$\dashv$	Н	Н	+	+	+	•	+	+
	Heating pump Legal speed limit	2024 2024			$\exists$	•	П	П	$\blacksquare$	7	7	7	#	Ŧ
	Mileage from Tachograph-ECU	2024			$\exists$				$\equiv$	⇉	$\Rightarrow$	$\Rightarrow$	#	#
	Nox Torque limit Parameterization of Lane assistant camera	2024 2024					Н		$\pm$	$\pm$	_	$\pm$	1	+
	Parameterization of Short range radar Partially-automated calibration for high-floor vehicles (tourist bus)	2024 2024			$\exists$	$\exists$	H	Н	$\exists$	7	4	7	_	•
	Partially-automated calibration for low-floor vehicles (city bus)	2024			コ		a	П	耳	#	#	コ	•	ŧ,
	Reactivation of active brake assistance Requested electrical heating output	2024 2024		Ħ	╛	$\exists$			Ⅎ	士	#	•	1	ť
	Reset learned values Resetting of counter "Regenerated air volume"	2024 2024		H	Ŧ	7	Н	Н	Ŧ	•	$\dashv$	$\dashv$	•	+
	Resetting the fault memory function	2024		•	#	I	Ħ	П	#	⇉	#	#	#	#
	Set Energy Reserve mode Set maximum electrical heating power limit	2024 2024			$\exists$				$\pm$	$\pm$		•	$\pm$	$\pm$
	Sound generator test Switchover of function ASR (Acceleration Slip Regulation)	2024 2024		•	Ŧ	H	H	Н	Ŧ	4	4	•	+	+
	Ventilation flaps	2024			#	•	H	П	#	#	#	#	#	#
	Water pumps	2024		닏	_		ᆜ	ᆜ	_	_	_	<u> </u>		_
O530 Citaro II	Year model updated Actuation of AdBlue delivery pump	2019-2024 2024		•	•	•	•	Н	+	•	+	•	•	+
COCC CITATO II														
COSC CITATO II	Actuation of vehicle level Actuation of water valves	2024 2024		H	7	•	П	Ц	4	7	4	$\dashv$	•	Ŧ

autovcom			<ul><li>Engine</li></ul>	<ul><li>Brake</li></ul>	<ul><li>Instrument</li></ul>	• AC	<ul><li>Gearbox</li></ul>	<ul> <li>Immobiliser</li> </ul>	<ul> <li>Restraints</li> </ul>	<ul> <li>Multifunction</li> </ul>	<ul><li>Service</li></ul>	• EV	Suspension	• TPMS	ADAS
	Bleed routine of Diesel fuel metering device Bleed the fuel system.	2024 2024	•			•		_	$\dashv$	$\dashv$		$\exists$	-	$\exists$	_
	Blowers Boost pressure regulator	2024 2024				•						Ħ	7	4	_
	Brake pressure test additional axle	2024	Ť	•									#	#	_
	Brake pressure test drive axle Brake pressure test front axle	2024 2024		•									#		_
	Calibration of Exhaust Gas Recirculation  Check ABS solenoid valves at front axle	2024 2024	•	•	-	_		-	-	$\dashv$		+	+	+	_
	Cleaning of diesel oxidation catalytic converter  Compression test	2024 2024	•									=	4	-	_
	Compressor, Fan for Condenser and Auxiliary heating	2024				•						$\dashv$	#	7	_
	CVN (Calibration verification number) (CVN) Cylinder deactivation	2024 2024	•										1		
	EGR wastegate activation Engine brake solenoid valve, stage 1	2024 2024	•	_	_	_		-	-	$\dashv$		Н	+	+	_
	Engine brake solenoid valve, stage 2 Erasing of emissions-relevant fault codes	2024 2024	•							$\exists$		$\exists$	4	4	Ξ
	Exhaust Gas flap	2024	•									Ħ	#	1	_
	Exhaust Gas Recirculation controller Exhaust-gas recirculation positioner, activation	2024 2024	•										$\pm$		
	Fan clutch solenoid valve Fuel Metering Solenoid Valve	2024 2024	•		-	_	-	-	-	$\dashv$		+	+	+	_
	Fuel shutoff valve	2024	•				•		4			$\Box$	#	7	_
	Function test of countershaft brake Function test of shift operation	2024 2024					•						$\pm$		_
	Function test of splitter operations High pressure valve, gas line	2024 2024	•		-	_	•	-	-	$\dashv$		+	+	$\dashv$	_
	Injector code programming	2024	•		4				$\dashv$			Ħ	7	4	_
	Leak test of AdBlue metering device Learning of clutch with manual gearbox	2024 2024	_							•		$\exists$	$\pm$	1	_
	Legal speed limit  Manual regeneration of diesel particulate filter	2024 2024	•	Н	_		Н	$\exists$	$\dashv$		Н	+	+	_	_
	Mileage from Tachograph-ECU NoxTorque limit	2024 2024			=				$\neg$			$\dashv$	#	7	_
	Parameterization of Short range radar	2024											#		•
	Partially-automated calibration for high-floor vehicles (tourist bus)  Partially-automated calibration for low-floor vehicles (city bus)	2024 2024		_	-	_		_	-	$\dashv$		+	•	+	_
	Reset learned values Resetting of counter "Regenerated air volume"	2024 2024								•		Ħ	•	4	_
	Resetting the counter for AdBlue consumption	2024	•										#	#	_
	Resetting the fault memory function Solenoid valve variable displacement pump engine cooling system	2024 2024	•	•				_	-	$\dashv$		Н	+	$\dashv$	_
	Switchover of function ASR (Acceleration Slip Regulation) Teach in Inclination sensor	2024 2024		•			•		_			$\exists$	4	4	_
	Teach in Transmission and clutch	2024					•					耳	$\Rightarrow$	#	_
	Teach-in of clutch Teach-in process of diesel particulate filter	2024 2024	•		$\dashv$		•	_	-	$\dashv$		+	+	+	_
	Teach-in process of exhaust aftertreatment unit Test of Adblue metering amount	2024 2024	•						4	$\exists$		$\dashv$	#	4	_
	Test of clutch	2024	Ť				•						#	1	_
	Test of NOx sensors Throttle valve activation	2024 2024	•	_	$\dashv$	-	-	-	$\dashv$	$\dashv$		$\forall$	+	+	_
	Turbocharger lambda wastegate actuator Ventilation flaps	2024 2024	•			•			_	$\exists$		H	4	$\exists$	_
O-4 DD 400 \/ // // /40\			•			•			_	•		$\equiv$	_	•	_
Setra BR 400 euro VI (WKK410)	Year model updated	2014-2024	•	•	•										
	Actuation of AdBlue delivery pump	2024	•			Ĭ	_	•					İ	Ì	Ť
	Actuation of vehicle level	2024 2024	•					•					•		_
	Actuation of wahicle level Actuation of water valves AdBlue® heater, coolant solenoid valve	2024 2024 2024 2024	•			•		•					•		<u> </u>
	Actuation of vehicle level Actuation of water avlees AdBlue® heater, coolant solenoid valve Automatically move to normal level Bleed routine of Disself kut emetring device	2024 2024 2024 2024 2024 2024 2024	•			•		-							<u> </u>
	Actuation of vehicle level Actuation of water valves AdBlue* heater, coolant solenoid valve Automatically move to normat level Bleed routine of Diesel fuel metering device Bleed the fluel system.	2024 2024 2024 2024 2024 2024 2024 2024	•					•					•		<u>-</u>
	Actuation of vehicle level Actuation of water valves AdBlue* heater, coolant solenoid valve Automatically move to normal level Bleed routine of Diseat fuel metering device Bleed the fuel system. Blowers Blowers	2024 2024 2024 2024 2024 2024 2024 2024	•			•		•					•		
	Actuation of vehicle level Actuation of water valves AdBlue® heater, coolant solenoid valve Automatically move to normat level Bleed routine of Diseal fuel metering device Bleed routine of Diseal fuel metering device Blood the fuel system. Blowers Boost pressure regulator Brake pressure test additional axle Brake pressure test drive axle	2024 2024 2024 2024 2024 2024 2024 2024	•	•		•		•					•		
	Actuation of vehicle level Actuation of water avtees Actuation of water avtees AdBlue* heater, coolant solenoid valve Automatically move to normal level Bleed routine of Diesel fuel metering device Bleed the fuel system.  Blowers Boost pressure regulator Brake pressure test additional axle Brake pressure test drive axle Brake pressure test front axle	2024 2024 2024 2024 2024 2024 2024 2024	•			•							•		
	Actuation of wehicle level Actuation of water valves Actuation of water valves Actuation of water valves Actuation of water valves Actuation device of the valves Bleed froutine of Diesel fuel metering device Bleed the fuel system.  Blowers Blowers Boost pressure regulator Brake pressure test additional axle Brake pressure test drive axle Brake pressure test front axle Calibration of Exhaust Gas Recirculation	2024 2024 2024 2024 2024 2024 2024 2024	•	•		•							•		
	Actuation of vehicle level Actuation of water avlees AdBlue® heater, coolant solenoid valve Automatically move to normal level Bleed routine of Diseal fuel metering device Bleed routine of Diseal fuel metering device Bleed the fuel system.  Bloost pressure regulator Brake pressure test additional axle Brake pressure test drive axle Brake pressure test front axle Calibration by means of test drive	2024 2024 2024 2024 2024 2024 2024 2024	•	•		•		•					•	•	
	Actuation of wehicle level Actuation of water valves Actuation of water valves Actuation of water valves Automatically move to normal level Bleed nutline of Dissel fuel metering device Bleed out the of Dissel fuel metering device Bleed the fuel system. Blowers Boost pressure regulator Brake pressure test additional axle Brake pressure test additional axle Brake pressure test drive axle Brake pressure test from axle Calibration by means of test drive Calibration of Erhaust Gas Recirculation Calibration of the multifunction camera Change set values for tip pressure Check ABS calonid valves at front axle	2024 2024 2024 2024 2024 2024 2024 2024	•	•		•							•		-
	Actuation of wehicle level Actuation of water valves Actuation of water valves Actuation of water valves Actuation of water valves Bleed routine of Disset fuel metering device Bleed the fuel system. Blowers Blowers Boost pressure regulator Brake pressure test additional axle Brake pressure test additional axle Brake pressure test drive axle Brake pressure test front axle Calibration by means of test drive Calibration to Habust Gas Recirculation Calibration of Habust Gas Recirculation Calibration of the multifunction camera Change set values for tire pressure Check ABS solenoid valves at front axis Cleaning of diesel oxidation catalytic converter Compression test	2024 2024 2024 2024 2024 2024 2024 2024	•	•		•		•					•		
	Actuation of wehicle level Actuation of water valves Actuation of water valves Actuation of water valves Actuation of water valves Bleed routine of Disset fuel metering device Bleed the fuel system. Bloovers Bloovers Boost pressure regulator Brake pressure test additional axle Brake pressure test additional axle Brake pressure test additional axle Brake pressure test drive axle Brake pressure test front axle Calibration of Pehaust Gas Recirculation Calibration to Heatust Gas Recirculation Calibration of the multifunction camera Change set values for tire pressure Check ABS solenoid valves at front axle Cleaning of diesel coxidation catalytic converter Compressor, Fan for Condenser and Auxiliary heating CVM (Calibration of Expressor, Fan for Condenser and Auxiliary heating CVM (Calibration of two refinication number) (CVM)	2024 2024 2024 2024 2024 2024 2024 2024	•	•		•		•					•		•
	Actuation of vehicle level Actuation of water valves AdBlue® heater, coolant solenoid valve Automatically move to normal level Bleed routine of Diseal fuel metering device Bleed routine of Diseal fuel metering device Bleed the fuel system.  Bloost pressure regulator Brake pressure test additional axle Brake pressure test additional axle Brake pressure test drive axle Brake pressure test drive axle Brake pressure test drive must Calibration by means of test drive Calibration of Exhaust Gas Recirculation Calibration of Exhaust Gas Recirculation Calibration of the mutifunction camera Change set values for tire pressure Check ABS colonid valves at front axle Cleaning of diesel oxidation catalytic converter Compression test Compression test Compression, Fan for Condenser and Auxiliary heating CVNI (Calibration verification number) (CVN) Cylinder deactivation	2024 2024 2024 2024 2024 2024 2024 2024	•	•		•							•		•
	Actuation of vehicle level Actuation of water valves AdBlue® heater, coolant solenoid valve Automatically move to normal level Bleed moutine of Diseal fuel metering device Bleed moutine of Diseal fuel metering device Bleed the fuel system.  Bloost pressure regulator Brake pressure test additional axle Brake pressure test additional axle Brake pressure test difficient axle Calibration by means of test drive Calibration of Exhaust Gais Recirculation Calibration of the multifunction camera Change set values for tire pressure Check ABS calenoid valves at front axle Cleaning of diesel oxidation catalytic converter Compression fest Compression, Fan for Condenser and Auxiliary heating CVNI (Calibration verification number) (CVN) Cylinder deactivation Engine brake solenoid valve, stage 1	2024 2024 2024 2024 2024 2024 2024 2024	•	•		•							•		•
	Actuation of wehicle level Actuation of water valves Actuation of water valves Actuation of water valves Actuation of water valves Actuation of water valves Automatically move to normal level Bleed nutine of Dissel fuel metering device Bleed the fuel system.  Bleed nutine of Dissel fuel metering device Bleed the fuel system.  Bloovers Boost pressure regulator Brake pressure test additional axle Brake pressure test additional axle Brake pressure test drive axle Brake pressure test from axle Calibration by means of test drive Calibration of Exhaust Gas Recirculation Calibration of Exhaust Gas Recirculation Calibration of Exhaust Gas Recirculation Calibration of Exhaust Gas Recirculation Calibration of Exhaust Gas Recirculation Calibration of Exhaust Gas Recirculation Calibration of Exhaust Gas Recirculation Calibration of Exhaust Gas Recirculation Calibration of Exhaust Gas Recirculation Calibration of Exhaust Gas Recirculation Calibration of Exhaust Gas Recirculation Calibration of Exhaust Gas Recirculation Calibration of Exhaust Gas Recirculation Compression for the multifunction camera Change set values for tip pressure Compressor, Fan for Condenser and Auxiliary heating CVM (Calibration verification number) (CVN) Cylinder deactivation Engine brake solenoid valve, stage 1 Engine brake solenoid valve, stage 2 Erasing of emissions-relevant fault codes Exhaust Gas Recirculation	2024 2024 2024 2024 2024 2024 2024 2024	•	•		•							•		
	Actuation of wehicle level Actuation of water valves Actuation of water valves Actuation of water valves Actuation of water valves Actuation deviation water valves Bleed routine of Diesel fuel metering device Bleed routine of Diesel fuel metering device Bleed the fuel system.  Blowers Boost pressure regulator Brake pressure test additional axle Brake pressure test additional axle Brake pressure test additional axle Brake pressure test additional axle Brake pressure test fortine axle Calibration of Pahaust Gas Recirculation Calibration of Pahaust Gas Recirculation Calibration of Pahaust Gas Recirculation Calibration of the multifunction camera Check ABS solenoid valves at front axle Cleaning of clies oddation catalytic converter Compression test Compression fest	2024 2024 2024 2024 2024 2024 2024 2024	•	•		•							•		
	Actuation of wehicle level Actuation of water valves AdBlue* heater, coolant solenoid valve AdBlue* heater, coolant solenoid valve Altomatically move to normal level Bleed routine of Diesal fuel metering device Bleed the fuel system. Blowers Blowers Boost pressure regulator Brake pressure test additional axle Brake pressure test additional axle Brake pressure test from axle Calibration of the start fuel coolant axle Calibration by means of test drive Calibration to Heatust Gas Recirculation Calibration of the haust Gas Recirculation Calibration of the multifunction camera Check A&S solenoid valves at front axle Check A&S solenoid valves at front axle Compressor, Ean for Condenser and Auxiliary heating CVM (Calibration werification number) (CVM) Cylinder deactivation Engine brake solenoid valve, stage 1 Engine brake solenoid valve, stage 1 Engine brake solenoid valve, stage 1 Engine brake solenoid valve, stage 1 Engine brake solenoid valve, stage 1 Engine brake solenoid valve, stage 1 Engine brake solenoid valve, stage 1 Engine brake solenoid valve, stage 1 Engine brake solenoid valve, stage 1 Engine brake solenoid valve, stage 1 Engine brake solenoid valve, stage 1 Engine brake solenoid valve, stage 1 Engine brake solenoid valve, stage 3 Endaud Sas Recirculation controller Fan clutch solenoid valve Flooding of retarder	2024 2024 2024 2024 2024 2024 2024 2024	•	•		•		•					•		•
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	Actuation of whicke level Actuation of water valves Actuation of water valves Actuation of water valves Actuation of water valves Actuation of water valves Bleed couline of Diesel fuel metering device Bleed the fuel system. Blowers Blowers Boost pressure regulator Brake pressure test additional axle Brake pressure test drive axle Brake pressure test front axle Calibration of Exhaust Gas Recirculation Calibration of Exhaust Gas Recirculation Calibration of Exhaust Gas Recirculation Calibration of Exhaust Gas Recirculation Calibration of the mutifunction camera Check ABS sclenoid valves at front axle Check ABS sclenoid valves at front axle Compressor. Fan for Condenser and Auxiliary heating CVM (Calibration werification number) (CVN) Cylinder deactivation Ernjien brake solenoid valve, stage 1 Engine brake solenoid valve, stage 1 Engine brake solenoid valve, stage 1 Engine brake solenoid valve, stage 1 Engine brake solenoid valve, stage 1 Engine brake solenoid valve, stage 1 Engine brake solenoid valve, stage 1 Engine brake solenoid valve, stage 1 Engine brake solenoid valve, stage 1 Engine brake solenoid valve, stage 1 Engine brake solenoid valve, stage 1 Engine brake solenoid valve, stage 1 Engine brake solenoid valve, stage 1 Engine brake solenoid valve, stage 1 Engine brake solenoid valve, stage 1 Engine brake solenoid valve, stage 1 Engine brake solenoid valve, stage 1 Engine brake solenoid valve, stage 1 Engine brake solenoid valve Fuel toth solenoid valve Fuel toth solenoid valve Fuel shutoff valve Fuel toth solenoid valve Fuel shutoff valve Fuel toth solenoid valve Fuel could rest of shift peration Fuel could rest of shift peration Fuel could rest of shift peration Fuel could rest of shift peration Fuel could rest of shift peration Fuel could rest of shift peration Fuel could rest of shift peration Fuel could rest of shift peration Fuel could rest of shift peration Fuel could rest of shift peration of shift peration Fuel could rest of shift peration of shift peration Fuel could rest of shift peration of sh	2024 2024 2024 2024 2024 2024 2024 2024		•		•	•			•				•	
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	Actuation of whicke level Actuation of water valves Actuation of water valves Actuation of water valves Actuation of water valves Actuation of water valves Bleed routine of Diesel fuel metering device Bleed routine of Diesel fuel metering device Bleed routine of Diesel fuel metering device Bleed routine of Diesel fuel metering device Bleed routine of Diesel fuel metering device Bleed routine of Diesel fuel metering device Bleed routine of Diesel fuel metering device Blowers Boost pressure test difficient axle Brake pressure test additional axle Brake pressure test difficient axle Galibration of Pahaust Gas Recirculation Calibration of Pahaust Gas Recirculation Calibration of Pahaust Gas Recirculation Calibration of the multifunction camera Check A&S solenoid valves at front axle Cleaning of diesel oxidation catalytic converter Compression test Compressor, Fan for Condenser and Auxiliary heating CVIV (Calibration exfincation number) (CVN) Cylinder deactivation Cylinder deactivation Cylinder deactivation Engine brake solenoid valve, stage 1 Engine brake solenoid valve, stage 2 Erasing of emissions-relevant faut codes Exhaust Gas Recirculation controller Fan cultub solenoid valve, stage 2 Erasing of emissions-relevant faut codes Exhaust Gas Recirculation controller Fan cultub solenoid valve Fuel shutoff valve Fuel shutoff valve Fuel shutoff valve Fuel shutoff valve Fuel candid the water of the pressions Injector code programming Leak test of Additue metering device Learning of clutch with manual gearbox Learning of wheel sensor ID Legals speed limit Manual regeneration of liesel particulate filter Milliaga from Tachograph-EU Nox Torque limit Parameterization of Short range radar Partally-automated calibration for low-flor vehicles (tourist bus) Partally-automated calibration for low-flor vehicles (tourist bus) Reactivation of active brake assistance Reading set values for tire pressure	2024 2024 2024 2024 2024 2024 2024 2024		•		•	•			•				•	
	Actuation of whicke level Actuation of water valves Actuation of water valves Actuation of water valves Actuation of water valves Actuation of water valves Bleed routine of Diesel fuel metering device Bleed routine of Diesel fuel metering device Bleed routine of Diesel fuel metering device Bleed routine of Diesel fuel metering device Bleed routine of Diesel fuel metering device Bleed routine of Diesel fuel metering device Blowers Boost pressure regulator Brake pressure test additional axle Brake pressure test additional axle Brake pressure test additional axle Brake pressure test fortine axle Calibration of Heabust Gas Recirculation Calibration of Heabust Gas Recirculation Calibration of Heabust Gas Recirculation Calibration of Heabust Gas Recirculation Calibration of Heabust Gas Recirculation Calibration of Heabust Gas Recirculation Calibration of Heabust Gas Recirculation Compression test Compression test Compression fest Com	2024 2024 2024 2024 2024 2024 2024 2024		•		•	•			•				•	
	Actuation of whicke level Actuation of water valves AdBlue* heater, coolant solenoid valve AdBlue* heater, coolant solenoid valve Automatically move to normal level Bleed to routine of Dieset lute metering device Bleed the fuel system. Blowers Boost pressure regulator Brake pressure test additional axle Brake pressure test drive axle Brake pressure test front axle Calibration of the start of the coolant of t	2024 2024 2024 2024 2024 2024 2024 2024		•		•	•			•				•	

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	Switchover of function ASR (Acceleration Slip Regulation) Teach in Inclination sensor	2024 2024		•			•		=	#	t	t		
	Teach in Transmission and clutch Teach-in of clutch	2024 2024					•		$\pm$	$\pm$	+	+		
	Teach-in process of diesel particulate filter Teach-in process of exhaust aftertreatment unit	2024 2024	•	$\vdash$				Н	+	+	+	+		Н
	Test of Adblue metering amount Test of clutch	2024 2024	•				•		4		F			
	Test of NOx sensors	2024	•				Ť		#		Ŧ	Ħ		П
	Ventilation flaps Water pumps	2024 2024				•								
Setra BR 500 euro VI	Year model updated	2013-2024	•	•	•	•	•	•		• (	•	•	•	•
	Actuation of AdBlue delivery pump Actuation of vehicle level	2024 2024	•					Н	$\dashv$	+	+	-		$\vdash$
	Actuation of water valves AdBlue® heater, coolant solenoid valve	2024 2024				•			4	1		Ė		П
	Automatically move to normal level	2024	Ľ						_	#	ŧ	•		
	Bleed routine of Diesel fuel metering device Bleed the fuel system.	2024 2024	•			•		Н	+	+		+		H
	Blowers	2024				•		Н	4	+	+	$\vdash$		
	Boost pressure regulator Brake pressure test additional axle	2024 2024	•	•					#					
	Brake pressure test drive axle Brake pressure test front axle	2024 2024		•				Н	$\dashv$	+	+	+		Н
	Calibration by means of test drive	2024 2024							_	7				•
	Calibration of Exhaust Gas Recirculation Calibration of the multifunction camera	2024	Ľ											•
	Change set values for tire pressure Check ABS solenoid valves at front axle	2024 2024		•				Н	+	+	+	+	•	Н
	Cleaning of diesel oxidation catalytic converter	2024	•	Ė				П	7	1	ļ			П
	Compression test Compressor, Fan for Condenser and Auxillary heating	2024	Ľ			•			$\exists$	#	t			
	CVN (Calibration verification number) (CVN)  Cylinder deactivation	2024 2024	•					Н	-	+		+		Н
	Engine brake solenoid valve, stage 1	2024	•						4	1		1		
	Engine brake solenoid valve, stage 2 Erasing of emissions-relevant fault codes	2024 2024	•											
	Exhaust Gas flap Exhaust Gas Recirculation controller	2024 2024		$\vdash$				Н	+	+	+	+		Н
	Fan clutch solenoid valve	2024								1				
	Flooding of retarder Fuel Metering Solenoid Valve	2024 2024	•	•					$\exists$	$\pm$				
	Fuel shutoff valve Function test of countershaft brake	2024 2024	•	_			•	Н	+	+	+	+		Н
	Function test of shift operation	2024					•			#				
	Function test of splitter operations Injector code programming	2024 2024	•				•		_	$\pm$				
	Leak test of AdBlue metering device Learning of aligned axles	2024 2024	•	H				Н	$\dashv$	•	+	+		Н
	Learning of clutch with manual gearbox	2024							4	•	#			
	Learning of wheel sensor ID Legal speed limit	2024 2024							1	$\pm$		+	•	
	Manual regeneration of diesel particulate filter  Mileage from Tachograph-ECU	2024 2024	•		_			Н	+	+	+	+		Н
	Nox Torque limit	2024							4	1				
	Parameterization of Lane assistant camera  Parameterization of Short range radar	2024												•
	Partially-automated calibration for high-floor vehicles (tourist bus)  Partially-automated calibration for low-floor vehicles (city bus)	2024 2024						Н	+	+	-	H		Н
	Reactivation of active brake assistance	2024							4	1			_	•
	Reading set values for tire pressure Reading tire pressure sensor ID number	2024 2024											•	
	Reset learned values Resetting of counter "Regenerated air volume"	2024 2024						Н	-	•	-	•		Н
	Resetting the counter for AdBlue consumption	2024	•						_	1				
	Resetting the fault memory function Steering and learning of additional axle	2024 2024		•						•				
	Switchover of function ASR (Acceleration Slip Regulation)  Teach in Inclination sensor	2024	_	•				Н	$\dashv$	+	+	+		Н
	Teach in Transmission and clutch	2024					•		4	1				
	Teach-in of clutch Teach-in process of diesel particulate filter	2024 2024	•				•		_	_				
	Teach-in process of exhaust aftertreatment unit Test of Adblue metering amount	2024 2024	•					Н	-	+		+		Н
	Test of clutch	2024					•		4	#	#			
	Test of NOx sensors Ventilation flaps	2024 2024	ľ			•								
	Water pumps	2024				•						_		ш
Tourismo euro VI (WEB410)	Year model updated	2014-2024		•	•	•	•	•	$\dashv$	•	•	•	•	•
	Actuation of AdBlue delivery pump Actuation of vehicle level	2024 2024	•							$\pm$		•		
	Actuation of water valves AdBlue® heater, coolant solenoid valve	2024 2024		H		•		Н	$\dashv$	+	-	+		Н
	Automatically move to normal level	2024							4	#	I	•		
	Bleed routine of Diesel fuel metering device Bleed the fuel system.	2024 2024	•			•			1	$\pm$		+		
	Blowers Boost pressure regulator	2024 2024		H	_	•		Н	$\dashv$	+	+	+		$\vdash$
	Brake pressure test additional axle	2024	Ľ	•						#				
	Brake pressure test drive axle Brake pressure test front axle	2024 2024		•					$\exists$	$\pm$				
	Calibration by means of test drive Calibration of Exhaust Gas Recirculation	2024 2024						Н	4	+	+	+		•
	Calibration of the multifunction camera	2024						П	#	#	ļ	F		•
	Change set values for tire pressure Check ABS solenoid valves at front axle	2024 2024		•						1	t		•	
	Cleaning of diesel oxidation catalytic converter  Compression test	2024 2024	•	F		F		П	7	Ŧ	Ŧ	F	F	A
	Compression test  Compressor, Fan for Condenser and Auxiliary heating	2024				•		Ħ	$\dashv$	#	t	Ħ		d
		2024			-	Н	<u> </u>	Н	_	$\perp$		+	H	Н
	CVN (Calibration verification number) (CVN) Cylinder deactivation	2024	•	L		_	L	_ '	_ !	_ !				
	Cylinder deactivation Engine brake solenoid valve, stage 1	2024 2024	•						#	+	t	+		
	Cylinder deactivation Engine brake solenoid valve, stage 1 Engine brake solenoid valve, stage 2 Erasing of emissions-relevant fault codes	2024 2024 2024 2024	•							+				
	Cylinder deactivation Engine brake solenoid valve, stage 1 Engine brake solenoid valve, stage 2 Erasing of emissions-relevant fault codes Erhaust Ges Rieben	2024 2024 2024 2024 2024	•											
	Cylinder deactivation Engine brake solenoid valve, stage 1 Engine brake solenoid valve, stage 2 Erasing of emissions-relevant fault codes	2024 2024 2024 2024	•	•										

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	Function test of countershaft brake	2024	Ť	Ť	Ň	Ť	•	Ť	Ť	_	T	Ť	Ŏ	Ť
	Function test of shift operation	2024					•	$\neg$	$\neg$	$\top$	$\top$	-		_
	Function test of splitter operations	2024					•		_	_		$\top$		_
	Injector code programming	2024	•					$\neg$	$\neg$	$\top$		-	П	_
	Leak test of AdBlue metering device	2024	•					$\neg$	$\neg$	$\top$		-	П	_
	Learning of aligned axles	2024								•				_
	Learning of clutch with manual gearbox	2024								•				_
	Learning of wheel sensor ID	2024						$\Box$	$\neg$	$\top$	$\top$	$\vdash$	•	_
	Legal speed limit	2024							$\neg$				П	_
	Manual regeneration of diesel particulate filter	2024	•											_
	Mileage from Tachograph-ECU	2024										$\top$	П	_
	Nox Torque limit	2024						$\Box$	$\neg$			$\top$	П	_
	Parameterization of Lane assistant camera	2024										$\Box$		•
	Parameterization of Short range radar	2024												•
	Partially-automated calibration for high-floor vehicles (tourist bus)	2024										•	П	_
	Partially-automated calibration for low-floor vehicles (city bus)	2024						$\Box$				•	П	_
	Reactivation of active brake assistance	2024												•
	Reading set values for tire pressure	2024											•	
	Reading tire pressure sensor ID number	2024						$\Box$				$\top$	•	_
	Reset learned values	2024										•	П	_
	Resetting of counter "Regenerated air volume"	2024								•				
	Resetting the counter for AdBlue consumption	2024	•									$\top$	П	_
	Resetting the fault memory function	2024		•				$\Box$	$\neg$			$\top$	П	_
	Steering and learning of additional axle	2024								•				_
	Switchover of function ASR (Acceleration Slip Regulation)	2024		•										
	Teach in Inclination sensor	2024					•		$\neg$			$\Box$	П	_
	Teach in Transmission and clutch	2024					•	$\Box$				$\top$	П	_
	Teach-in of clutch	2024					•		$\neg$					
	Teach-in process of diesel particulate filter	2024	•											
	Teach-in process of exhaust aftertreatment unit	2024	•											_
	Test of Adblue metering amount	2024	•									П	П	_
	Test of clutch	2024					•							
	Test of NOx sensors	2024	•											
	Ventilation flaps	2024				•			$\neg$			Т	П	_
	Water pumps	2024				•			$\Box$	Τ		匚	$\Box$	_
ourismo euro VI (WEB632)	Year model updated	2014-2023							_	•	_	$\overline{}$	•	_

Mercedes Truck														
Actros MP V 2019-2024	Year model updated	2019-2024			Ш	_	Ш				ш		•	,
Arocs	Year model updated	2013-2020											•	工
Actros MP IV	Year model updated	2012-2020		_	_	_	_				_			
Actros MP IV	Year model updated	2012-2020	ш			_	ш				ш	_	•	ч_
Antos	Year model updated	2013-2020											•	┰
A II	Managed and dead	2000 0004				_	_			_	$\overline{}$	_	-	_
Arocs II	Year model updated	2020-2024					ш				ш		•	'
Actros MP V 2024-	Year model updated	2024-2025	•	•	•	•	•	•	•	•	•	П	• •	•
	(Customer specific) Speed limit modification	2024-2025	Н	_			Н		_	•	$\vdash$	-	_	+
	Actuation of ABS solenoid valves with brake test stand Actuation of ABS solenoid valves without output dynamometer	2024-2025	Н	•	Н	_	Н	Н	$\dashv$	$\dashv$	$\vdash$	+	+	+
	Actuation of AdBlue delivery pump	2024-2025	•	Ť										土
	Actuation of AdBlue heating element	2024-2025					Ш					$\dashv$		T
	AdBlue® heater, coolant solenoid valve Air compressor characteristics	2024-2025 2024-2025	•	_			Н		-	•	$\vdash$	+	+	+
	Air distribution flap actuator motor	2024-2025				•	П			-		$\pm$		+
	Bleed routine of Diesel fuel metering device	2024-2025	•									$\Box$		$\pm$
	Blower motor speed level	2024-2025			Н	•	Н	$\vdash$	$\vdash$	$\dashv$	Н	+	-	+
	Boost pressure regulator  Calibration level sensors	2024-2025	•		Н		Н	Н	$\vdash$	$\dashv$	Н	+	•	+
	Calibration of Exhaust Gas Recirculation	2024-2025	•								d	_		士
	Calibration of side view mirror Driver side	2024-2025									П	1		•
	Calibration of side view mirror Passenger side	2024-2025	Н		Н		Н	H	$\vdash$	$\dashv$	Н	+	-	
	Change set values for tire pressure  Check pneumatic connections of component 'B17a (Brake value sensor)' for misconnection	2024-2025	Н	•	Н	_	$\vdash$		$\vdash$	$\dashv$	$\vdash$	+	•	+
	Check speed sensors	2024-2025	П	÷	П		Н		$\Box$	$\neg$	П	$\dashv$	Ť	+
	Circulation coolant pump	2024-2025				•								$\perp$
	Cleaning of diesel oxidation catalytic converter	2024-2025	•			_	Н		$\vdash$	$\dashv$	$\vdash$	+	_	+
	Combustion air blower Compression test	2024-2025				•	Н		$\vdash$	$\dashv$	$\vdash$	+	+	+
	CVN (Calibration verification number) (CVN)	2024-2025	Ħ		П		П			$\neg$	П	$\neg$		+
	Cylinder deactivation	2024-2025	•									$\Box$		$\perp$
	Defroster flap actuator motor	2024-2025				•	Н			$\dashv$	Н	+	-	+
	Engine brake solenoid valve, stage 1 Engine brake solenoid valve, stage 2	2024-2025 2024-2025			Н		Н			$\dashv$	H	+	+	+
	Erasing of emissions-relevant fault codes	2024-2025	•				П			$\neg$	П	$\neg$		+
	Exhaust Gas flap	2024-2025	•								П			$\perp$
	Exhaust Gas Recirculation controller	2024-2025	•				Н		_	$\dashv$	$\vdash$	+		+
	Fan clutch solenoid valve Filling the coolant circuit. Engine: OM470, OM471, OM473 (With Secondary water retarder)	2024-2025	•	_	Н	_	Н	Н	$\dashv$	•	Н	+	+	+
	Filling the coolant circuit. Engine: OM470, OM471, OM473 (Without Secondary water retarder)	2024-2025					П			•				$\pm$
	Filling the coolant circuit. Engine: OM936 (Without Secondary water retarder)	2024-2025								•		$\perp$		$\perp$
	Flooding of retarder	2024-2025	Н	•	Н		Н		-			+	_	+
	Frequency counter engine oil temperature Frequency counter Oil temperature at rear axle 1	2024-2025	Н		Н		Н		$\vdash$	•	•	+	+	+
	Frequency counter Oil temperature of transmission	2024-2025								•	•	⇉	1	士
	Frequency counter Outside temperature	2024-2025	П			_	П		П	•	•	7	_	F
	Fresh air / Recirculation flap actuator motor Fuel metering pump	2024-2025	Н		Н	•	Н	Н	$\vdash$	$\dashv$	Н	+	-	+
	Fuel Metering Solenoid Valve	2024-2025	•		Н	•	Н		$\vdash$	$\dashv$	$\vdash$	+		+
	Fuel shutoff valve	2024-2025	•								◻	#		工
	Function test of countershaft brake	2024-2025	Ш		П		•				Ы	_[		1
	Function test of range operations Function test of shift operation	2024-2025	Н		Н	_	•		$\vdash$	$\dashv$	$\vdash$	+	+	+
	Function test of shift operation  Function test of splitter operations	2024-2025	Н		H			Н	$\vdash$	$\dashv$	П	+	+	+
	Glow plug	2024-2025				•					口			工
	Heating mode	2024-2025		_	П	•	Ы		H	_	$\vdash$	4	#	+
	Injector code programming  Leak test of AdBlue metering device	2024-2025 2024-2025			Н		Н	Н	$\vdash$	$\dashv$	$\vdash$	+	+	+
	Learning of aligned axles	2024-2025	Ħ		Н		Н		H	•	П	$^{+}$	+	+
	Learning of clutch with manual gearbox	2024-2025								•		1		$\perp$
	Learning of wheel sensor ID	2024-2025	$\Box$		П	_	Н		H		Ы	+	•	4
	Legal speed limit Level sensor test	2024-2025	Н		Н		Н		$\vdash$	•	Н	+	•	+
	Manual regeneration of diesel particulate filter	2024-2025	•		Н		Н		$\vdash$		П	$\dashv$	_	+
	Mileage from Tachograph-ECU	2024-2025									П	1		I
	Nox Torque limit	2024-2025	Ш		Ш	_	Ш				آب	4	1	$\perp$
	Onboard reset blocked	2024-2025	ш		ш		ш		$\Box$	•	_	_		

auto <sub>*</sub> com	Parameter reading, Engine	2024-2025	• Engine	Brake	• Instrument	• AC	Gearbox	● Immobiliser	•	Multifunction	• Service	• EV	Suspension	• TPMS	ADAS
	Parameter setting Component A18 r1 (Heating element)	2024-2025								•	Ť	$\Rightarrow$	#	#	_
	Parameter setting, Condensation sensor  Parameter settings Electronic Air-Process Unit (EAPU)	2024-2025 2024-2025								•		$\pm$	$\pm$	$\pm$	_
	Parameter settings, Engine: Fuel quality Parameter settings, Engine: Maximum engine torque	2024-2025								•	•	7	=	7	4
	Parameter settings, Engine: Oil quality, sheet number	2024-2025								•	·	コ	#	#	
	Parameter settings, Engine: Oil viscosity PGN search	2024-2025 2024-2025	-			Н		Н	$\vdash$	•	•	+	+	+	$\dashv$
	PGN with source address search Read data from ECU and save data to file	2024-2025 2024-2025							H	•	_	7	4	Ŧ	_
	Reading set values for tire pressure	2024-2025							ightarrow			#		•	
	Reading tire pressure sensor ID number Refrigerant compressor magnetic clutch	2024-2025 2024-2025				•			盘			$\pm$	1	•	_
	Register battery replacement Reset control unit	2024-2025				H		Н		•	-	+	+	+	-
	Reset of battery sensor	2024-2025								•		#	#	#	
	Reset service Resetting of counter "Regenerated air volume"	2024-2025 2024-2025								•	•	$\pm$	$\pm$	$\pm$	
	Resetting of routine "Function test of compressed air system"  Resetting the counter for AdBlue consumption	2024-2025	•					Н	$\vdash$	•		+	+	+	-
	Resetting the fault memory function	2024-2025		•					Ħ			7	Ţ	#	
	Solenoid valve test Source address search	2024-2025 2024-2025							$\equiv$			$\pm$	•	$\pm$	
	Steering and learning of additional axle Switched water pump solenoid valve	2024-2025 2024-2025	•						Н	•	4	+	+	+	_
	Switchover of function ASR (Acceleration Slip Regulation)	2024-2025		•					$\equiv$			#	#	#	
	Teach in Inclination sensor Teach in Transmission and clutch	2024-2025 2024-2025					•		$\Box$			$\pm$	$\pm$	$\pm$	-
	Teach-in of clutch Teach-in process of diesel particulate filter	2024-2025		F	H	F	•	H	H	-7	7	7	7	7	4
	Teach-in process of exhaust aftertreatment unit	2024-2025						П	ヸ		1	#	#	#	
	Temperature control Test and data sheet	2024-2025 2024-2025	H	E	Н	•	L	Н	J	•	•	$\pm$	$\pm$	$\pm$	$\exists$
	Test of Adblue metering amount Test of clutch	2024-2025 2024-2025	•						H		_	7	4	Ŧ	=
	Test of NOx sensors	2024-2025	•				Ľ		二			$\equiv$	#	#	
	Test of redundancy circuit of front axle Test of redundancy circuit of rear axle	2024-2025 2024-2025		•		Н		Н	$\vdash$	-	_	+	+	+	-
	Trailer control valve Transmission Configuration	2024-2025 2024-2025		•					H	•		4	4	7	$\equiv$
	Transport mode	2024-2025								•		$\Rightarrow$	$\equiv$	$\pm$	
	Updating of CDS: From control units to CDS Updating of control units: From CDS to control units	2024-2025						Н		•	-	+	+	+	-
	Write data to ECU from file	2024-2025								•		ユ	ゴ	$\pm$	
Arocs II 2024-	Year model updated	2024-2025	•	•	•	•	•	•	•	•	•	$\exists$	•	•	•
	(Customer specific) Speed limit modification Actuation of ABS solenoid valves with brake test stand	2024-2025 2024-2025		•				Н	Н	•	_	+	+	+	$\dashv$
	Actuation of ABS solenoid valves without output dynamometer	2024-2025	Ļ	•					Ħ			#	#	#	⇉
	Actuation of AdBlue delivery pump  Actuation of AdBlue heating element	2024-2025 2024-2025	•						盘			$\pm$	_	$\pm$	_
	AdBlue® heater, coolant solenoid valve Air compressor characteristics	2024-2025 2024-2025	•						Н	•	4	+	+	+	$\dashv$
	Air distribution flap actuator motor	2024-2025				•			$\dashv$			#	#	#	
	Bleed routine of Diesel fuel metering device Blower motor speed level	2024-2025 2024-2025	ľ			•			世		1	$\pm$	士	$\pm$	$\exists$
	Boost pressure regulator Calibration level sensors	2024-2025 2024-2025	•			H	H	Н	$\vdash$	-	-	+	_	+	$\dashv$
	Calibration of Exhaust Gas Recirculation	2024-2025	•						I			コ		#	╛
	Calibration of side view mirror Driver side  Calibration of side view mirror Passenger side	2024-2025 2024-2025							d			$\pm$	1	$\pm$	•
	Change set values for tire pressure  Check pneumatic connections of component 'B17a (Brake value sensor)' for misconnection	2024-2025 2024-2025		•					H			4	4	•	_
	Check speed sensors	2024-2025		•					$\equiv$			#	#	#	
	Circulation coolant pump  Cleaning of diesel oxidation catalytic converter	2024-2025 2024-2025	•			•		Н	$\dashv$	-	+	+	+	+	-
	Combustion air blower Compression test	2024-2025				•			H	-	_	7	4	7	_
	CVN (Calibration verification number) (CVN)	2024-2025	Ť						⇉			$\equiv$	コ	$\pm$	
	Cylinder deactivation  Defroster flap actuator motor	2024-2025	•			•			Н	-		+	+	+	$\dashv$
	Engine brake solenoid valve, stage 1	2024-2025							H			4	#	#	=
	Engine brake solehold valve, stage 2 Erasing of emissions-relevant fault codes	2024-2025							二			$\pm$	#	$\pm$	
	Exhaust Gas flap Exhaust Gas Recirculation controller	2024-2025			_			Н	$\dashv$	$\dashv$	-	+	+	+	-
	Fan clutch solenoid valve	2024-2025	•						Ħ			#	#	7	
	Filling the coolant circuit. Engine: OM470, OM471, OM473 (With Secondary water retarder) Filling the coolant circuit. Engine: OM470, OM471, OM473 (Without Secondary water retarder)	2024-2025 2024-2025								•		$\pm$	$\pm$	$\pm$	
	Filling the coolant circuit. Engine: OM936 (Without Secondary water retarder) Flooding of retarder	2024-2025		•				Н	Н	•		+	+	+	-
	Frequency counter engine oil temperature	2024-2025								•	•	#	ヸ	#	=
	Frequency counter Oil temperature at rear axle 1 Frequency counter Oil temperature of transmission	2024-2025	-			Н		Н		•	•	+	+	+	-
	Frequency counter Outside temperature Fresh air / Recirculation flap actuator motor	2024-2025 2024-2025				•			$\vdash$	•	•	+	+	+	-
	Fuel metering pump	2024-2025				•			Ħ			コ	#	#	
	Fuel Metering Solenoid Valve Fuel shutoff valve	2024-2025 2024-2025							$\Box$			$\pm$	$\pm$	$\pm$	_
	Function test of countershaft brake Function test of range operations	2024-2025 2024-2025					•		Н	-	_	$\dashv$	4	$\mp$	_
	Function test of shift operation	2024-2025					•		I			コ	#	#	
	Function test of splitter operations Glow plug	2024-2025 2024-2025		H	Н	•	•	Н	$\vdash$	_	_	$\pm$	$\pm$	+	$\exists$
	Heating mode Injector code programming	2024-2025 2024-2025		F	П	•		П	A	7	7	7	7	7	7
	Leak test of AdBlue metering device	2024-2025	•					H	士		1	$\pm$	$\pm$	$\pm$	
	Learning of aligned axles  Learning of clutch with manual gearbox	2024-2025		H	H	H	-	H		•	$\dashv$	+	+	+	$\dashv$
	Learning of wheel sensor ID	2024-2025						Ħ			1	#	#	•	⇉
	Legal speed limit Level sensor test	2024-2025 2024-2025		H			L	Н	$\exists$	•	_	$\pm$	•	$\pm$	$\exists$
	Manual regeneration of diesel particulate filter Mileage from Tachograph-ECU	2024-2025 2024-2025	•	F	F		F	H	H	-1	1	$\dashv$	4	4	4
	Nox Torque limit	2024-2025							二		_	#	#	#	
	Onboard reset blocked Parameter reading, Engine	2024-2025 2024-2025	H	H	H	H	H	H	$\exists$	•	•	$\pm$	$\pm$	$\pm$	4
	Parameter setting Component A18 r1 (Heating element) Parameter setting, Condensation sensor	2024-2025			П		F	П		•	7	$\mp$	7	7	7
	Parameter settings Electronic Air-Process Unit (EAPU)	2024-2025								•		$\pm$	$\rightrightarrows$	$^{\dagger}$	Ⅎ
	Parameter settings, Engine: Fuel quality	2024-2025	_			_	_		Ш	•	•	$\perp$	$\perp$	$\perp$	$\Box$

auto <sub>*</sub> com*	Parameter settings, Engine: Maximum engine torque	2024-2025	• Engine	Brake	Instrument	• AC	Gearbox	<ul><li>Immobiliser</li></ul>	•	Multifunction	Service	• EV	<ul><li>Suspension</li></ul>	• TPMS
	Parameter settings, Engine: Oil quality, sheet number	2024-2025								•	•	#	#	#
	Parameter settings, Engine: Oil viscosity PGN search	2024-2025 2024-2025								•	•	1		$\pm$
	PGN with source address search  Read data from ECU and save data to file	2024-2025		$\vdash$				Н	$\dashv$	•		+		+
	Reading set values for tire pressure Reading tire pressure sensor ID number	2024-2025 2024-2025										-		•
	Refrigerant compressor magnetic clutch	2024-2025		E		•			#			1	1	#
	Register battery replacement Reset control unit	2024-2025 2024-2025								•		1		$\pm$
	Reset of battery sensor Reset service	2024-2025 2024-2025		$\vdash$		H		Н		•	•	+	+	+
	Resetting of counter "Regenerated air volume"  Resetting of routine "Function test of compressed air system"	2024-2025								•		4	_	$\mp$
	Resetting the counter for AdBlue consumption	2024-2025	•						$\equiv$	Ĭ		1		#
	Resetting the fault memory function Solenoid valve test	2024-2025 2024-2025		•								1	•	$\pm$
	Source address search Steering and learning of additional axle	2024-2025		$\vdash$		H		Н	-	•		+		+
	Switched water pump solenoid valve Switchover of function ASR (Acceleration Slip Regulation)	2024-2025 2024-2025	•	•					=	$\dashv$		4	-	Ŧ
	Teach in Inclination sensor	2024-2025		Ľ			•		$\equiv$			1		#
	Teach in Transmission and clutch Teach-in of clutch	2024-2025 2024-2025					•							$\pm$
	Teach-in process of diesel particulate filter  Teach-in process of exhaust aftertreatment unit	2024-2025 2024-2025						Н	-	$\dashv$		+		+
	Temperature control	2024-2025		F		•						4		Ŧ
	Test and data sheet Test of Adblue metering amount	2024-2025 2024-2025							$\exists$	•	-	$\pm$	$\pm$	$\pm$
	Test of clutch Test of NOx sensors	2024-2025 2024-2025	•	L	Ŀ	L	•	Н	Н			_	_+	$\pm$
	Test of redundancy circuit of front axle Test of redundancy circuit of rear axle	2024-2025 2024-2025		•								$\dashv$	4	$\mp$
	Trailer control valve	2024-2025		•								1	#	#
	Transmission Configuration Transport mode	2024-2025 2024-2025								•		$\pm$		$\pm$
	Updating of CDS: From control units to CDS Updating of control units: From CDS to control units	2024-2025 2024-2025		H						•	_	$\dashv$	+	$\mp$
	Write data to ECU from file	2024-2025								•		1		土
Atego III 2024-	Year model updated	2024-2025	•	•	•		•		•	•	•	T	•	$\top$
	(Customer specific) Speed limit modification Actuation of ABS solenoid valves with brake test stand	2024-2025		•		H		Н	-	•		+		+
	Actuation of ABS solenoid valves without output dynamometer	2024-2025		•								4		#
	Actuation of AdBlue delivery pump Actuation of AdBlue heating element	2024-2025 2024-2025	•									1		$\pm$
	AdBlue® heater, coolant solenoid valve Air compressor characteristics	2024-2025 2024-2025	•					Н	$\dashv$	•		+		+
	Bleed routine of Dieset fuel metering device Boost pressure regulator	2024-2025 2024-2025							_			1	_	#
	Calibration level sensors	2024-2025											•	士
	Calibration of Exhaust Gas Recirculation  Check pneumatic connections of component 'B17a (Brake value sensor)' for misconnection	2024-2025 2024-2025	•	•					$\exists$			1		$\pm$
	Check speed sensors  Cleaning of diesel oxidation catalytic converter	2024-2025		•					$\dashv$	$\dashv$		$\dashv$	+	+
	Compression test	2024-2025 2024-2025										1		1
	CVN (Calibration verification number) (CVN)  Cylinder deactivation	2024-2025												士
	Engine brake solenoid valve, stage 1 Engine brake solenoid valve, stage 2	2024-2025	•							$\dashv$		+		+
	Erasing of emissions-relevant fault codes Exhaust Gas flap	2024-2025	•							$\neg$		$\dashv$	_	1
	Exhaust Gas Recirculation controller	2024-2025										1		#
	Fan clutch solenoid valve Filling the coolant circuit. Engine: OM470, OM471, OM473 (With Secondary water retarder)	2024-2025 2024-2025	•							•		+		$\pm$
	Filling the coolant circuit. Engine: OM470, OM471, OM473 (Without Secondary water retarder) Filling the coolant circuit. Engine: OM936 (Without Secondary water retarder)	2024-2025 2024-2025		H						•		$\dashv$	+	+
	Frequency counter engine oil temperature	2024-2025								•	•	1		#
	Frequency counter Oil temperature at rear axle 1 Frequency counter Oil temperature of transmission	2024-2025 2024-2025								•	•	1		$\pm$
	Frequency counter Outside temperature Fuel Metering Solenoid Valve	2024-2025 2024-2025		$\vdash$		H		Н	$\dashv$	•	•	+	+	+
	Fuel shutoff valve Function test of countershaft brake	2024-2025 2024-2025	•	F						$\exists$		4	4	Ŧ
	Function test of range operations	2024-2025					•					1		#
	Function test of shift operation Function test of splitter operations	2024-2025 2024-2025					•	Н	$\vdash$	$\dashv$		+		+
	Injector code programming  Leak test of AdBlue metering device	2024-2025 2024-2025							$\dashv$	$\dashv$		4	-	$\mp$
	Learning of clutch with manual gearbox	2024-2025								•		1	1	#
	Legal speed limit Level sensor test	2024-2025 2024-2025								•			•	$\pm$
	Manual regeneration of diesel particulate filter Mileage from Tachograph-ECU	2024-2025 2024-2025	•	H					$\dashv$	$\dashv$		$\dashv$	+	$\mp$
	Nox Torque limit	2024-2025										1		#
	Onboard reset blocked Parameter reading, Engine	2024-2025 2024-2025								•	•		1	$\pm$
	Parameter setting Component A18 r1 (Heating element)  Parameter setting, Condensation sensor	2024-2025 2024-2025						Н		•		+		+
	Parameter settings Electronic Air-Process Unit (EAPU) Parameter settings, Engine: Fuel quality	2024-2025 2024-2025		F						•		4	4	$\mp$
	Parameter settings, Engine: Maximum engine torque	2024-2025								•	•	1		#
	Parameter settings, Engine: Oil quality, sheet number Parameter settings, Engine: Oil viscosity	2024-2025 2024-2025	H	$\vdash$	H	$\vdash$	H	Н		•	•	$\pm$	+	$\pm$
-	PGN search PGN with source address search	2024-2025 2024-2025	F	F	E	Ė	F	H	H	7	1	Ŧ	7	Ŧ
	Read data from ECU and save data to file	2024-2025						H		•		#	1	#
	Register battery replacement Reset control unit	2024-2025 2024-2025					L			•		_		$\pm$
	Reset of battery sensor Reset service	2024-2025 2024-2025		$\vdash$	F	H	H	H		•	-	$\dashv$	$\dashv$	+
	Resetting of counter "Regenerated air volume"	2024-2025						H		•		#	#	#
	Resetting of routine "Function test of compressed air system"  Resetting the counter for AdBlue consumption	2024-2025 2024-2025		L	L		L	Н	Н	•		1	1	$\pm$
	Resetting the fault memory function Solenoid valve test	2024-2025 2024-2025	F	•	F	F	F	H	H	-	-1	Ŧ	•	+
	Source address search	2024-2025							$\Box$			1	#	#
	Switched water pump solenoid valve Switchover of function ASR (Acceleration Slip Regulation)	2024-2025		•	E			H	Ħ			#	#	$\pm$
	Teach in Inclination sensor Teach in Transmission and clutch	2024-2025 2024-2025		$\vdash$	$\vdash$		•	Н	Н	_		_	+	+
			•	_		_			_	_	_	_		$\overline{}$

Teach-in of clutch
Teach-in process of diesel particulate filter
Teach-in process of exhaust aftertreatment unit
Teat and data sheet
Test and data sheet
Test of Adblue metering amount
Test of NoX sensors
Test of redundancy circuit of front axle
Test of redundancy circuit of front axle
Test of redundancy circuit of rear axle
Trailer control valve
Transmission Configuration
Transport mode
Updating of CDS: From control units to CDS
Updating of CDS: From CDS to control units
Write data to ECU from file

Mitsubishi Fuso Canter (12V)	Year model updated	2014-2024
,	Boost pressure control 1	2018-2024
	Boost pressure control 2	2018-2024
	Calibration by means of test drive	2019-2024
	Cold start	2018-2024
	Deactivation of shift lock	2019-2024
	Engine brake solenoid valve	2018-2024
	Exhaust gas recirculation actuator	2018-2024
	External clutch plate ON	2019-2024
	Forced regeneration	2018-2024
	Internal clutch plate ON	2019-2024
	Oil change	2018-2024
	Oil cooler OFF	2019-2024
	Oil cooler ON	2019-2024
	Parameterization of Lane assistant camera	2019-2024
	Pressure line high	2019-2024
	Pressure line low	2019-2024
	Radar sensor programming	2019-2024
	Reactivation of active brake assistance	2019-2024
	Reset control unit	2019-2024
	Shift gear	2019-2024
Canter (24V)	Year model updated	2012-2024
()	Boost pressure control 1	2019-2024
	Boost pressure control 2	2019-2024
	Calibration by means of test drive	2019-2024
	Calibration by means or test drive  Calibration of component Steering angle sensor	2012-2024
		2012-2024
	Calibration of component steering angle sensor, ESP sensors	2012-2024
	Calibration of component, ESP Sensors (Yaw rate sensor)	
	Cold start	
	Deactivation of shift lock	2019-2024
	Engine brake solenoid valve	2019-2024
	Exhaust gas recirculation actuator	2019-2024
	External clutch plate ON	2019-2024
	Forced regeneration	2019-2024
	Internal clutch plate ON	2019-2024
	Manual bleeding	2012-2024
	Oil change	2019-2024
	Oil cooler OFF	2019-2024
	Oil cooler ON	2019-2024
	Parameterization of Lane assistant camera	2019-2024
	Pressure line high	2019-2024
	Pressure line low	2019-2024
	Radar sensor programming	2019-2024
	Reactivation of active brake assistance	2019-2024
	Reset control unit	2019-2024
	Shift gear	2019-2024
	The left service brake was activated	2012-2024
	The right service brake was activated	2012-2024
	The high control of take that activated	2012 2024
eCanter	Year model updated	2023-2024
b Califei	Activate horn	2023-2024
	Calibration of component Steering angle sensor	2023-2024
		2023-2024
	Calibration of component steering angle sensor, ESP sensors	
	Calibration of component, ESP Sensors (Yaw rate sensor)	2023-2024
	Component 'Lock Brake Relays'	2023-2024
	Control valve 'Front axle service brake'	2023-2024
	Control valve 'Rear axle service brake'	2023-2024
	Lock brake indicator lamps	2023-2024
	Lock brake Readiness indicator	2023-2024
	Manual bleeding	2023-2024
	Replacement of park brake pad (Step 1and 2)	2023-2024
	Replacement of park brake pad (Step 3)	2023-2024
	Teach-in process of component Motor gear unit (Step 1 and 2)	2023-2024
	Teach-in process of component Motor gear unit (Step 3)	2023-2024
	Teach-in process of Electric parking brake	2023-2024
	The left service brake was activated	2023-2024
	The right service brake was activated	2023-2024
	The high delition brake was delitated	2020 2024
Optare Soroco	Year model updated	2009-2011
Rapido	Year model updated	2009-2011
Plaxton	Vaar modal undatad	2009-2011
	Year model updated	2009-2011
Pronto		
Pronto Renault Trucks F-series	Year model updated	2013-2023
Renault Trucks -series		
Renault Trucks	Year model updated Year model updated	2013-2023
Renault Trucks -series		

auto:com <sup>°</sup>			<ul> <li>Engine</li> </ul>	Brake	• Instrument	• AC	Gearbox	<ul> <li>Immobiliser</li> </ul>	Kestraints     Multifunction		• EV		• TPMS	ADAS
R-Series [17->]	Year model updated Activating fuel inlet metering valve for the high pressure pump	2017-2023	9	•			•	-		F			1	Ξ
	Checking the differential pressure sensor Oil mist separator, zero calibration of pressure sensor	2022-2023	3					_		L			1	
	Operational testing of the electric throttle  Vehicle present max speed	2022-2023		•			•							
G-Series [07-13]	Year model updated	2007-2013				_	•	Ŧ	Ŧ	T		1	7	
	(Customer specific) Speed limit modification	2007-2013		_	_		•	_	_	_			_	_
S-Series [17->]	Year model updated Activating fuel inlet metering valve for the high pressure pump	2017-2023 2022-2023 2022-2023	9	•			•	1					1	
	Checking the differential pressure sensor Oil mist separator, zero calibration of pressure sensor Operational testing of the electric throttle	2022-2023	3		$\dashv$		4	#	Ŧ	Ŧ			1	7
	Vehicle present max speed	2022-2023		•			•		1				1	$\exists$
R-Series [05-13]	Year model updated (Customer specific) Speed limit modification	2005-2013					•	$\exists$	$\blacksquare$	F			-	$\exists$
R-Series [14-18]	Year model updated	2014-2015			_	_	•	$\overline{}$	_	+		_		_
11-061163 [14-10]	(Customer specific) Speed limit modification	2014-2015					•		1				_	
G-Series [14-18]	Year model updated (Customer energical Speed limit modification	2014-2015					•						$\exists$	=
G-Series [17->]	(Customer specific) Speed limit modification  Year model updated	2017-2023		•	_		•			_			_	_
G-Series [17-2]	real mode updated Activating fuel inlet metering valve for the high pressure pump Checking the differential pressure sensor	2022-2023	9	ľ		1	İ	#		F			1	$\exists$
	Oil mist separator, zero calibration of pressure sensor Operational testing of the electric throttle	2022-2023			$\dashv$	4		#	Ŧ	ŧ		#	#	=
	Vehicle present max speed	2022-2023	3	•			•						1	
P-Series [05-13]	Year model updated (Customer specific) Speed limit modification	2005-2013				-	•	7	Ŧ	T	П		T	7
D Carion [14 10]		2005-2013			_	_	•	_	_	+		_	_	_
P-Series [14-18]	Year model updated (Customer specific) Speed limit modification	2014-2015					•		1			_	1	
P-Series [17->]	Year model updated	2017-2023		•		7	•	7	Ŧ	T		7	1	$\exists$
	Activating fuel inlet metering valve for the high pressure pump Checking the differential pressure sensor	2022-2023	3							L			#	
	Oil mist separator, zero calibration of pressure sensor  Operational testing of the electric throttle	2022-2023						#	t	t		1	$\pm$	
	Vehicle present max speed	2022-2023		•	_	_	•	_	_	_		_	_	=
P-Series BEV [23->]	Year model updated	2023		•	_	_	_	_	_	_		_	_	_
L-Series [17->]	Year model updated Activating fuel inlet metering valve for the high pressure pump	2017-2023	3	•			•	_		t			$\pm$	_
	Checking the differential pressure sensor Oil mist separator, zero calibration of pressure sensor	2022-2023						#	$\pm$	t			$\pm$	
	Operational testing of the electric throttle Vehicle present max speed	2022-2023		•			•							
L-Series BEV [23->]	Year model updated	2023	В	•				Т	T	Τ			Т	
Scania Bus Chassis							- 1	_					_	_
K-Series [14-21]	Year model updated (Customer specific) Speed limit modification	2014-2016					•		+					
K-Series [22->]	Year model updated	2022-2023	3	•				T	T	Τ		1	П	
F-Series [06-13]	Year model updated	2006-2013					•	7	T	T		1	$\exists$	
	(Customer specific) Speed limit modification	2006-2013		_	_		•	_	_	_			_	_
F-Series [14-20]	Year model updated (Customer specific) Speed limit modification	2014-2016					•		t				1	
N-Series [06-13]	Year model updated	2006-2013					•	$\Box$	T	T			$\exists$	
	(Customer specific) Speed limit modification	2006-2013			_	_	•	_	_	_			_	_
N-Series [14-21]	Year model updated (Customer specific) Speed limit modification	2014-2016					•	1					1	
Van Hool [06-13]	Year model updated	2006-2013					•	_					_	
	(Customer specific) Speed limit modification	2006-2013			_		•	_					_	_
Van Hool [14-17]	Year model updated (Customer specific) Speed limit modification	2014-2016					•							
K-Series [06-13]	Year model updated	2006-2013					•	$\exists$	T	Т				$\Box$
	(Customer specific) Speed limit modification	2006-2013					•	_		_			_	_
Citywide [22->]	Year model updated	2022-2023	3	•						_				_
OmniExpress [07-13]	Year model updated (Customer specific) Speed limit modification	2007-2013				-	•	$\exists$	+	+		-	$\exists$	=
OmniExpress [14-16]	Year model updated	2014-2016	5				•	$\overline{}$	Ť	T			_	$\overline{}$
	(Customer specific) Speed limit modification	2014-2016	6		크	_	•	_	Ι	$\perp$		_	I	
Touring HD [10-13]	Year model updated (Customer specific) Speed limit modification	2010-2013	3			$\exists$	•	Ŧ	Ŧ	F	П	T	Ŧ	3
Touring HD [14-21]	Year model updated	2014-2016	_		$\overline{}$		•			_				$\overline{}$
	(Customer specific) Speed limit modification	2014-2016				_	•	_	1	$\perp$		_	1	$\exists$
Touring HD [22->]	Year model updated	2022-2023	3	•						L				$\Box$
Interlink [16-21]	Year model updated (Customer specific) Speed limit modification	2016				-	•	-	$\mp$	-	Н	-	7	$\exists$
Interlink [22->]	Year model updated	2022-2023		•	_		_	_	+	÷			_	
C-Series [22->]	Year model updated  Year model updated	2022-2023		•	_	_	_	_	+	_			_	
C-Series [22-2] Omni-Series	Year model updated  Year model updated	2006-2013		_	_		_	_	+	_			_	_

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		• Engine	Brake	<ul> <li>Instrument</li> </ul>	• AC	Gearbox	Immobiliser     Bestreints	Multifunction	• Service	• EV	<ul><li>Suspension</li></ul>	• TPMS	
(Customer specific) Speed limit modification	2006-2013					•							
Year model updated	2012-2013					•							
(Customer specific) Speed limit modification	2012-2013					•							
													_
Year model updated	2014-2016					•			_				
(Customer specific) Speed limit modification	2014-2016					•							
													_
		•		_	_	_	_		_		_		
Readout of the basic data	2014-2021	•											
													_
Year model updated		•							_				
Readout of the basic data	2014-2021	•											
	Year model updated (Customer specific) Speed limit modification  Year model updated (Customer specific) Speed limit modification  Year model updated (Customer specific) Speed limit modification  Year model updated Readout of the basic data  Year model updated	Year model updated (Customer specific) Speed limit modification         2012-2013 2012-2013           Year model updated (Customer specific) Speed limit modification         2014-2016           Year model updated (Customer specific) Speed limit modification         2014-2016           Year model updated Readout of the basic data         2014-2021           Year model updated Year model updated         2014-2021	Customer specific) Speed limit modification   2006-2013     Year model updated   2012-2013     Year model updated   2014-2016     (Customer specific) Speed limit modification   2014-2016     Year model updated   2014-2016     (Customer specific) Speed limit modification   2014-2016     Year model updated   2014-2021     Year model updated   2014-2021     Year model updated   2014-2021     Year model updated   2014-2021     Year model updated   2014-2021	Customer specific) Speed limit modification   2006-2013     Year model updated   2012-2013     Year model updated   2012-2013     Year model updated   2014-2016     Customer specific) Speed limit modification   2014-2016     Year model updated   2014-2016     Year model updated   2014-2016     Year model updated   2014-2011     Year model updated   2014-2021     stomer specific) Speed limit modification   2006-2013	Customer specific) Speed limit modification   2006-2013	Customer specific) Speed limit modification   2006-2013	Customer specific) Speed limit modification   2006-2013     0   0	Customer specific) Speed limit modification   2006-2013	Customer specific) Speed limit modification   2006-2013	Customer specific) Speed limit modification   2006-2013	Section   Speed limit modification   2006-2013   Section   Speed limit modification   2014-2016   Seed lim		

Trailers								
Knorr Year model updated	All years	Т	•					Т
Installation check	All years		•					
Pressure component check,TBM	All years		•					
Pressure component check,TEPM	All years		•					

VDL Bus & Coach											
Citea	Year model updated	2014-2018	•						Т		
	Readout of the basic data	2014-2018	•	$\neg$	Т	П	$\neg$		Т		
MidCity	Year model updated	2009-2011	•	П			Т	Т	Т		
MidEuro	Year model updated	2009-2011	•	П			Т	Т	Т		

B13R	Year model updated	2010-2013
	Vehicle present max speed	2010-2013
311R [11-13]	Year model updated	2011-2013
	Vehicle present max speed	2011-2013
311R [14->]	Year model updated	2014-2018
	Vehicle present max speed	2014-2018
37R	Year model updated	2007-2012
	Vehicle present max speed	2007-2012
B5L	Year model updated	2013-2023
	Vehicle present max speed	2013-2023
312M	Year model updated	2007-2012
	Vehicle present max speed	2007-2012
38R	Year model updated	2014-2023
	Vehicle present max speed	2014-2023
312B	Year model updated	2007-2012
	Vehicle present max speed	2007-2012
37L	Year model updated	2007-2012
	Vehicle present max speed	2007-2012
312R	Year model updated	2007-2012
	Vehicle present max speed	2007-2012
39S	Year model updated	2007-2012
	Vehicle present max speed	2007-2012
19R	Year model updated	2007-2012
	Vehicle present max speed	2007-2012
39L	Year model updated	2007-2012
	Vehicle present max speed	2007-2012
39TL	Year model updated	2007-2012
	Vehicle present max speed	2007-2012

H (4)	Year model updated	2013-202	5 0		•		•	•	•	•	•	•	•
	(EGR) Exhaust gas recirculation test	2024-202	5 0									$\neg$	$\Box$
	Actuator by-pass valve	2024-202	5 •									П	П
	AdBlue consumption test	2024-202	5 •									Т	П
	Adblue crystallization regeneration	2024-202	5 •			П						Т	П
	Calibration of retarder valve	2024-202	5	•							П	Т	П
	Clutch leak test	2024-202	5				•					П	
	Clutch performance, PWM valves	2024-202	5	Т			•					Т	
	Cylinder Balancing	2024-202	5 •									Т	
	Cylinder compression	2024-202	5 •									П	
	Cylinder deactivation	2024-202	5 •									Т	_
	Data reset of turbocharger	2024-202	5							•	$\Box$	Т	_
	Draining of water from fuel filter	2024-202	5 •									Т	
	Efficiency of Nox conversion	2024-202	5 •									П	
	Engine protection data	2024-202	5 •									Т	_
	Fuel pressure control	2024-202	5 •			П					П	Т	_
	Function retarder test	2024-202	5	•								П	
	Gears, test	2024-202	5				•					П	_
	Injector function	2024-202	5 •						П			Т	
	Manual regeneration of diesel particulate filter	2024-202	5 •									Т	_
	Manual reset blocked parkingheater	2024-202	5						•	•		П	
	Manual service reset	2024-202	5	Т						•		Т	_
	Oil pressure test during engine start	2024-202	5 •			П						Т	_
	PGN search	2024-202	5									Т	
	PGN with source address search	2024-202	5	Т					T			Т	

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	Piston cooling valve	2024-2025	÷	•	ů	•	÷	•	•	_		<u> </u>	·	ů
	Pneumatic system, test	2024-2025	·	Н	$\vdash$	-	$\dashv$	$\rightarrow$	١,		_	+	+	$\vdash$
	Pressure setting retarder, test	2024-2025		•			$\dashv$	$\dashv$	Т,	+	_	+	+	М
	PWM valve retarder, test	2024-2025		•			$\neg$	$\neg$	$\top$	$\top$	T	$\top$	T	П
	PWM valves clutch, test	2024-2025					•	$\neg$		T		$\top$	Т	П
	Reset Intake manifold pressure/temperature sensor	2024-2025									•		Ш	
	Reset of adaptive aftertreatment hydrocarbon injector control	2024-2025								_	•		╙	
	Reset of ash and soot level	2024-2025				_	$\rightarrow$	$\rightarrow$	-		•	+	₩	$\vdash$
	Reset of coolant pump	2024-2025	⊢	_		_	$\rightarrow$	$\rightarrow$	+		•	+	₩	$\vdash$
	Reset of EGR cooler	2024-2025		H			$\dashv$	$\dashv$	+		•	+	+	Н
	Reset of EGR differential pressure sensor  Reset of exhaust aftertreatment system.	2024-2025		$\vdash$	-	_	$\rightarrow$	$\rightarrow$	+	_	•	+	+	Н
	Reset of injector	2024-2025				_	$\rightarrow$	$\rightarrow$	+	+	-	+	+	Н
	Reset of NOx sensor	2024-2025	H			_	$\dashv$	$\dashv$	+	+		+	+	Н
	Reset of temperature sensor EGR	2024-2025					$\dashv$	$\dashv$	$^{+}$	_	•	+	+	М
	Reset of venturi pipe	2024-2025					$\neg$	$\dashv$	$^{+}$		•	+	-	
	Sensor values, control	2024-2025	•		П	$\neg$	$\dashv$	$\dashv$	$\neg$	$\top$		$\top$		П
	Source address search	2024-2025											L	
	Split cylinder, test	2024-2025					•			$\perp$	1	$\perp$	$\perp$	
	Torque difference, history	2024-2025							T	I	I			
	Warm hold function, function test	 2024-2025							T	T	T		ഥ	
	Wheel speed sensor test	2024-2025		•							$\perp$	$\perp$	丄	
				_						_				
FM (4)/FMX (4)	Year model updated	2013-2025		•	•		•	_	• •	•	• •	•	•	•
	(EGR) Exhaust gas recirculation test	2024-2025	•	_		_	$\rightarrow$	$\rightarrow$	-	+	_	+	₩	-
	Actuator by-pass valve	2024-2025	•	$\vdash$		_	$\rightarrow$	$\rightarrow$	+	+	-	+	+	$\vdash$
	AdBlue consumption test	2024-2025				_	$\dashv$	$\dashv$	+	+	-	+	₩	Н
	Adblue crystallization regeneration  Calibration of retarder valve	2024-2025	•	•	-	_	$\rightarrow$	$\rightarrow$	+	+	+	+	+	Н
	Clutch leak test	2024-2025		•		_		$\rightarrow$	+	+	_	+	+	Н
	Clutch performance, PWM valves	2024-2025	H				•	$\dashv$	+	+	+	+	+	Н
	Cylinder Balancing	2024-2025	•				_	$\dashv$	$^{+}$	+		+	+	М
	Cylinder compression	2024-2025					$\neg$	$\neg$		$\top$	$\top$		-	
	Cylinder deactivation	2024-2025	•				$\neg$	$\neg$		$\top$				
	Data reset of turbocharger	2024-2025									•		Ш	
	Draining of water from fuel filter	2024-2025	•							$\perp$				
	Efficiency of Nox conversion	2024-2025	•				_	_	_	4		$\perp$	┸-	ш
	Engine brake test with the engine switched off	2024-2025	•				_	_	_	4	_	_	Щ.	
	Engine protection data	2024-2025	•	_		_	$\rightarrow$	$\rightarrow$	_	_	_	+	₩	$\vdash$
	Fuel pressure control	2024-2025	•	-		_	$\rightarrow$	$\rightarrow$	+	+	-	+	₩	$\vdash$
	Function retarder test	2024-2025	-	•		_	_	$\rightarrow$	+	+	_	+	₩	Н
	Gears, test	2024-2025				_	•	$\rightarrow$	+	+	-	+	₩	$\vdash$
	Injector function  Manual regeneration of discal particulate filter	2024-2025	•	$\vdash$		_	$\rightarrow$	$\rightarrow$	+	+	+	+	+	Н
	Manual regeneration of diesel particulate filter  Manual reset blocked parkingheater	2024-2025	Ť	-		_	$\rightarrow$	$\dashv$	٠,		•	+	+	Н
	Manual service reset	2024-2025					$\neg$	$\dashv$			•	_	+	
	Oil pressure test during engine start	2024-2025	•				$\dashv$	$\dashv$	$^{+}$	+	•	+	+	М
	PGN search	2024-2025					$\neg$	$\neg$	$\top$	$^{+}$	_	$\top$	-	
	PGN with source address search	2024-2025						$\neg$		$\top$				
	Piston cooling valve	2024-2025	•							$\top$				П
	Pneumatic system, test	2024-2025							-	•				
	Pressure setting retarder, test	2024-2025		•									┖	
	PWM valve retarder, test	2024-2025		•									$\perp$	
	PWM valves clutch, test	2024-2025					•	$\rightarrow$	_	_	_	$\perp$	ــــــــــــــــــــــــــــــــــــــ	
	Reset Intake manifold pressure/temperature sensor	2024-2025	-	_		_	$\rightarrow$	$\rightarrow$	$\rightarrow$		•	$\perp$	₩	
	Reset of adaptive aftertreatment hydrocarbon injector control	2024-2025					_	_	_	_	•	+	₩	$\blacksquare$
	Reset of ash and soot level	2024-2025		$\vdash$	$\overline{}$	_	$\rightarrow$	$\rightarrow$	-		•	+	₩	$\vdash$
	Reset of coolant pump	2024-2025		$\vdash$	$\vdash$	$\rightarrow$	$\rightarrow$	$\rightarrow$	+		•	+	+	$\vdash$
	Reset of EGR cooler Reset of EGR differential pressure sensor	2024-2025		$\vdash$	Н	$\dashv$	$\dashv$	$\dashv$	+	_	•	+	+	Н
	Reset of exhaust aftertreatment system.	2024-2025	H	H	Н	$\dashv$	$\dashv$	+	+	_	•	+	+	Н
	Reset of injector	2024-2025	$\vdash$		$\vdash$		$\dashv$	$\dashv$	+			+	+	Н
	Reset of NOx sensor	2024-2025		$\vdash$	$\vdash$	$\dashv$	$\dashv$	$\dashv$	+			+	+	Н
	Reset of temperature sensor EGR	2024-2025		Н	Н	_	$\dashv$	$\dashv$	+			+	t	Н
	Reset of venturi pipe	2024-2025			Н		$\dashv$	$\dashv$	+		•	+	T	Н
	Sensor values, control	2024-2025	•		П	$\neg$	$\neg$	$\neg$	$\top$	$\top$		$\top$	$\top$	П
	Source address search	2024-2025			П		$\neg$	$\neg$	$\neg$	$\top$				П
	Split cylinder, test	2024-2025					•			1		I	L	
	Torque difference, history	2024-2025	•							I	1	$\perp$		
	Warm hold function, function test	2024-2025	•						T	T		$\Box$	匚	
	Wheel speed sensor test	2024-2025	1	•	1		T	Т	T	- [1		1	1	( ]