

# MAN V14.32 Function List

**Note:**

✓ Functions marked with ✓ is fully supported.

System	ECU Info	Read Fault Code	Clear Fault Code	Live Data	Active Test	Special Func
Automatic control unit detection from vehicle	✓	✓	✓	✓	Automatic scanning function	
Divided by the Vehicle\TG-A\Brake/Sustained-action brakes\EBS\EBS 2, WABCO	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Brake/Sustained-action brakes\EBS\EBS 2.2 KNORR\EBS/ESP commercial vehicle	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Brake/Sustained-action brakes\EBS\EBS 2.2 KNORR\EBS bus	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Brake/Sustained-action brakes\EBS\EBS 2.3,KNORR\EBS/ESP commercial vehicle	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Brake/Sustained-action brakes\EBS\EBS 2.3,KNORR\EBS bus	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Brake/Sustained-action brakes\EBS\EBS 5,KNORR	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Brake/Sustained-action brakes\ECAM\Haldex ECAM	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Brake/Sustained-action brakes\Sustained-action brakes\ZF Intarder	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Brake/Sustained-action brakes\Sustained-action brakes\Retarder R115E/R120-3/R133-2 Voith	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Brake/Sustained-action brakes\Sustained-action brakes\PriTarder (Voith water pump retarder)	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Brake/Sustained-action brakes\Sustained-action brakes\Intarder3	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Central computer/instrumentation\Customer's special module\VDO KSM	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Central computer/instrumentation\Management computer (FFR/PTW/MFR K-Line)\FFR Step VOD	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Central computer/instrumentation\Management computer (FFR/PTW/MFR K-Line)\FFR Step 12	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Central computer/instrumentation\Management computer (FFR/PTW/MFR K-Line)\Vehicle management computer Step 13	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Central computer/instrumentation\Management computer (FFR/PTW/MFR K-Line)\Vehicle management computer Step 13.5	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Central computer/instrumentation\Instrumentation\VDO-Kienzle instrumentation\VDO-Kienzle Baseline instrumentation	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Central computer/instrumentation\Instrumentation\VDO-Kienzle instrumentation\VDO-Kienzle Highline instrumentation	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Central computer/instrumentation\Instrumentation\Stoneridge Electronics\Combined Instrumentation	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Central computer/instrumentation\Instrumentation\Stoneridge Electronics\Instrumentation Stoneridge Electronics	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Central computer/instrumentation\Instrumentation\Stoneridge Electronics\Stoneridge Electronics Lowline electronics	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Central computer/instrumentation\Instrumentation\Stoneridge Electronics\Stoneridge Electronics Baseline instrumentation	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Central computer/instrumentation\Instrumentation\Stoneridge Electronics\Stoneridge Electronics Highline instrumentation	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Central computer/instrumentation\Wabco ZBR II	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Central computer/instrumentation\ZBR(central on board computer)\CBR II Wabco up to version E5	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Central computer/instrumentation\ZBR(central on board computer)\CBR II Wabco from version E6 onwards	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Central computer/instrumentation\ZBRO\ZBRO control unit software status 'ZR_103' or earlier	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Central computer/instrumentation\ZBRO\ZBRO control unit software status 'ZR_104' or earlier	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Central computer/instrumentation\ZBRO\ZBRO32	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Central computer/instrumentation\Management computer (ZFR CAN-Line)\Engine management computer (MFR)	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Central computer/instrumentation\Management computer (ZFR CAN-Line)\ZFR MAN	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Central computer,marine and auxiliary engines\CNG gas engine control\Gas ME 7,Bosch	✓	✓	✓	✓	✓	✓

Divided by the Vehicle\TG-A\Central computer,marine and auxiliary engines\Engine EDC\EDC, Bosch	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Central computer,marine and auxiliary engines\Engine EDC\Master, Bosch	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Central computer,marine and auxiliary engines\Engine EDC\Slave, Bosch	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Central computer,marine and auxiliary engines\FFR\PTM\MFR\VDO FFR	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Central computer,marine and auxiliary engines\FFR\PTM\MFR\Management computer PTM (CAN-Line)	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Central computer,marine and auxiliary engines\FFR\PTM\MFR\Engine management computer (MFR)	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Central computer,marine and auxiliary engines\MAN Marine Diagnose System\MAN Marine Diagnostic System (MMS)	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Central computer,marine and auxiliary engines\Ship vehicle management computer (SFFR)	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Climate control/auxiliary heaters\Air-conditioning/auxiliary air-conditioning/heating\Air-conditioning system KR 49x Bar	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Climate control/auxiliary heaters\Air-conditioning/auxiliary air-conditioning/heating\Air-conditioning system KR 49x Bader	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Climate control/auxiliary heaters\Air-conditioning/auxiliary air-conditioning/heating\Behr/GKR air-conditioning control	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Climate control/auxiliary heaters\Air-conditioning/auxiliary air-conditioning/heating\Behr independent air-conditioning system SKG	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Climate control/auxiliary heaters\Air-conditioning/auxiliary air-conditioning/heating\Heating/air conditioning/auxiliary air conditioning BHTC, Behr	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Climate control/auxiliary heaters\Additional heaters air or water\Airtronic D2/D4, Eberspacher	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Climate control/auxiliary heaters\Additional heaters air or water\Air Top 2000 OEM, Webasto	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Climate control/auxiliary heaters\Additional heaters air or water\Air Top 3500 ST, Webasto	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Climate control/auxiliary heaters\Additional heaters air or water\Air Top 3500, Webasto SG 11580	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Climate control/auxiliary heaters\Additional heaters air or water\Air Top 3500, Webasto SG 11580 old	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Climate control/auxiliary heaters\Additional heaters air or water\DLIC- / D3LC Compact, Eberspacher	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Climate control/auxiliary heaters\Additional heaters air or water\DLIC-/D3LC Compact (9A), Eberspacher	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Climate control/auxiliary heaters\Additional heaters air or water\Hydronic D5W, Eberspacher	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Climate control/auxiliary heaters\Additional heaters air or water\Hydronic 24/30/35, Eberspacher	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Climate control/auxiliary heaters\Additional heaters air or water\Thermo S, Spheros	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Climate control/auxiliary heaters\Additional heaters air or water\Thermo 50, Webasto	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Comfort/assistance/safety systems\ACC MAN	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Comfort/assistance/safety systems\Airbag\BOSCH airbag	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Comfort/assistance/safety systems\Door module\Berifors door module	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Comfort/assistance/safety systems\Door module\Door module TRW	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Comfort/assistance/safety systems\LGS (Lane Guard System)\LGS ITERIS	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Comfort/assistance/safety systems\Radars sensor	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Comfort/assistance/safety systems\Telematik Boardmodul (TBM) OHB	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Comfort/assistance/safety systems\Tire Pressure Monitor (TPM) Wabco	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Comfort/assistance/safety systems\Universal mobile phone preparation (UHV) FWD\EDC17	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Comfort/assistance/safety systems\Universal mobile phone preparation (UHV) FWD\EGC4	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Comfort/assistance/safety systems\Universal mobile phone preparation (UHV) FWD\Universal mobile phone preparation (UHV) FWD	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Engine / Exhaust post-treatment\EDC\EDC, Bosch	✓	✓	✓	✓	✓	✓

Divided by the Vehicle\TG-A\Engine / Exhaust post-treatment\EDC\Master,Bosch	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Engine / Exhaust post-treatment\EDC\Slave,Bosch	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Engine / Exhaust post-treatment\CNG gas engine control\Gas ME 7,Bosch	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Engine / Exhaust post-treatment\CRT(self-cleaning prarticle filter)MAN\CRT(self-cleaning prarticle filter)MAN	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Engine / Exhaust post-treatment\CRT(self-cleaning prarticle filter)MAN\EDC17	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Engine / Exhaust post-treatment\CRT(self-cleaning prarticle filter)MAN\EGC4	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Engine / Exhaust post-treatment\AdBlue system\DENOX AdBlue System	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Engine / Exhaust post-treatment\AdBlue system\NONOX AdBlue system,Grundfos	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Engine / Exhaust post-treatment\MAN Engine\D2866LOH23\BOSCH EDC MS5 Euro II	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Engine / Exhaust post-treatment\MAN Engine\D2866LOH25\BOSCH EDC MS5 Euro II	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Engine / Exhaust post-treatment\MAN Engine\D2866LOH27\BOSCH EDC MS5 Euro III	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Engine / Exhaust post-treatment\MAN Engine\D2866LOH28\BOSCH EDC MS5 Euro III	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Engine / Exhaust post-treatment\MAN Engine\D2866LOH29\BOSCH EDC MS5 Euro III	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Engine / Exhaust post-treatment\MAN Engine\D2876LOH01\BOSCH EDC MS5 Euro II	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Engine / Exhaust post-treatment\MAN Engine\BOSCH EDC MS5/M(S)5	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Gearbox\Powertrain\Gearbox\6AS 850 ASTRONIC lite ZF	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Gearbox\Powertrain\Gearbox\ASTRONIC ZF	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Gearbox\Powertrain\Gearbox\ASTRONIC mid ZF	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Gearbox\Powertrain\Gearbox\DIWA.5 Voith Turbo	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Gearbox\Powertrain\Gearbox\Ecomat 2/4 ZF	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Gearbox\Powertrain\Gearbox\EcoLife, ZF	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Gearbox\Powertrain\Gearbox\Traxxon	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Gearbox\Powertrain\Hydro Drive MAN	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Gearbox\Powertrain\WSK\Torque converter and clutch system TC2ZF	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Gearbox\Powertrain\VSM\VSM SVD0	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Gearbox\Powertrain\VSM\TIPMATIC 3	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Hybrid components\DICO\DICO Siemens	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Hybrid components\EMU\EMU Energy Managment Unit	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Hybrid components\MT-Gateway	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Hybrid components\Vehicle elctrical system power converter	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Hybrid components\UCM Ultracap-Management	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Hybrid components\Wechselrichter\Wechselrichter 1	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Running gear\Steering\ECAS\ECAS\EFR	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Running gear\Steering\ECAS\ECAS CDC Wabco	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Running gear\Steering\ECAS\ECAS Wabco	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Running gear\Steering\ECAS\ECAS2 Wabco	✓	✓	✓	✓	✓	✓

Divided by the Vehicle\TG-A\Running gear\Steering\ECAS\ECAS2 CDC Wabco	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Running gear\Steering\Rear axle steering\Rear axle steering	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Running gear\Steering\Rear axle steering\RAS-EC1 steering system, rear axle, ZF	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Running gear\Steering\Rear axle steering\Steering system(EHLA/ALA) Mobil Elektronik	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-A\Man engine (Latin America)\EDC Engine	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Brake\Sustained-action brakes\EBS\EBS 2, WABCO	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Brake\Sustained-action brakes\EBS\EBS 2.2 KNORR\EBS/ESP commercial vehicle	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Brake\Sustained-action brakes\EBS\EBS 2.2 KNORR\EBS bus	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Brake\Sustained-action brakes\EBS\EBS 2.3, KNORR\EBS/ESP commercial vehicle	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Brake\Sustained-action brakes\EBS\EBS 2.3, KNORR\EBS bus	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Brake\Sustained-action brakes\EBS\EBS 5, KNORR	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Brake\Sustained-action brakes\ECAM\Haldex ECAM	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Brake\Sustained-action brakes\Sustained-action brakes\ZF Intarder	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Brake\Sustained-action brakes\Sustained-action brakes\Retarder R115E/R120-3/R133-2 Voith	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Brake\Sustained-action brakes\Sustained-action brakes\PriTarder (Voith water pump retarder)	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Brake\Sustained-action brakes\Sustained-action brakes\Intarder3	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Central computer/instrumentation\Customer's special module\VDO KSM	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Central computer/instrumentation\FFR/PTM\MFR\FFR Step VOD	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Central computer/instrumentation\FFR/PTM\MFR\FFR Step 12	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Central computer/instrumentation\FFR/PTM\MFR\Vehicle management computer Step 13	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Central computer/instrumentation\FFR/PTM\MFR\Vehicle management computer Step 13.5	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Central computer/instrumentation\Instrumentation\VDO-Kienzle instrumentation\VDO-Kienzle Baseline instrumentation	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Central computer/instrumentation\Instrumentation\VDO-Kienzle instrumentation\VDO-Kienzle Highline instrumentation	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Central computer/instrumentation\Instrumentation\Instrumentation Stoneridge Electronics\Combined Instrumentation	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Central computer/instrumentation\Instrumentation\Instrumentation Stoneridge Electronics\Instrumentation Stoneridge Electronics	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Central computer/instrumentation\Instrumentation\Instrumentation Stoneridge Electronics\Stoneridge Electronics Lowline electronics	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Central computer/instrumentation\Instrumentation\Instrumentation Stoneridge Electronics\Stoneridge Electronics Baseline instrumentation	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Central computer/instrumentation\Instrumentation\Instrumentation Stoneridge Electronics\Stoneridge Electronics Highline instrumentation	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Central computer/instrumentation\Wabco ZBR II	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Central computer/instrumentation\ZBR(central on board computer)\CRR II Wabco up to version E5	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Central computer/instrumentation\ZBR(central on board computer)\CRR II Wabco from version E6 onwards	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Central computer/instrumentation\ZBR0\ZBR0 control unit software status 'ZR_103' or earlier	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Central computer/instrumentation\ZBR0\ZBR0 control unit software status 'ZR_104' or earlier	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Central computer/instrumentation\ZBR0\ZBR032	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Central computer/instrumentation\ZFR\Engine management computer (MFR)	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Central computer/instrumentation\ZFR\PTM	✓	✓	✓	✓	✓	✓

Divided by the Vehicle\TG-M\Central computer/instrumentation\ZFR\ZFR MAN	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Central computer,marine and auxiliary engines\CNG gas engine control\Gas ME 7,Bosch	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Central computer,marine and auxiliary engines\EDC\EDC,Bosch	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Central computer,marine and auxiliary engines\EDC\Master,Bosch	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Central computer,marine and auxiliary engines\EDC\Slave,Bosch	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Central computer,marine and auxiliary engines\FFR\PTM\MFR\VDO FFR	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Central computer,marine and auxiliary engines\FFR\PTM\MFR\PTM	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Central computer,marine and auxiliary engines\FFR\PTM\MFR\Engine management computer (MFR)	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Central computer,marine and auxiliary engines\MAN Marine Diagnose System\MAN Marine Diagnostic System(MMDS)	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Central computer,marine and auxiliary engines\Ship vehicle management computer (SFFR)	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Climate control/auxiliary heaters\Air-conditioning/auxiliary air-conditioning/heating\Air-conditioning system KR 49x Bar	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Climate control/auxiliary heaters\Air-conditioning/auxiliary air-conditioning/heating\Air-conditioning system KR 49x Bader	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Climate control/auxiliary heaters\Air-conditioning/auxiliary air-conditioning/heating\Behr/GKR air-conditioning control	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Climate control/auxiliary heaters\Air-conditioning/auxiliary air-conditioning/heating\Behr independent air-conditioning system SKG	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Climate control/auxiliary heaters\Air-conditioning/auxiliary air-conditioning/heating\Heating/air conditioning/auxiliary air conditioning BHTC, Behr	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Climate control/auxiliary heaters\Additional heaters air or water\Airtronic D2/D4, Eberspacher	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Climate control/auxiliary heaters\Additional heaters air or water\Air Top 2000 OEM, Webasto	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Climate control/auxiliary heaters\Additional heaters air or water\Air Top 3500 ST, Webasto	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Climate control/auxiliary heaters\Additional heaters air or water\Air Top 3500, Webasto SG 11580	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Climate control/auxiliary heaters\Additional heaters air or water\Air Top 3500, Webasto SG 11580 old	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Climate control/auxiliary heaters\Additional heaters air or water\DILC- / D3LC Compact, Eberspacher	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Climate control/auxiliary heaters\Additional heaters air or water\DILC-/D3LC Compact(9A), Eberspacher	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Climate control/auxiliary heaters\Additional heaters air or water\Hydronic D5W, Eberspacher	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Climate control/auxiliary heaters\Additional heaters air or water\Hydronic 24/30/35, Eberspacher	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Climate control/auxiliary heaters\Additional heaters air or water\Thermo S, Spheros	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Climate control/auxiliary heaters\Additional heaters air or water\Thermo 50, Webasto	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Comfort/assistance/safety systems\ACC MAN	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Comfort/assistance/safety systems\Airbag\BOSCH airbag	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Comfort/assistance/safety systems\Door module\Berifors door module	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Comfort/assistance/safety systems\Door module\Door module TRW	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Comfort/assistance/safety systems\LGS (Lane Guard System)\LGS ITERIS	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Comfort/assistance/safety systems\Radars sensor	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Comfort/assistance/safety systems\Telematik Boardmodul (TBM) OHB	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Comfort/assistance/safety systems\Tire Pressure Monitor (TPM) Wabco	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Comfort/assistance/safety systems\Universal mobile phone preparation (UHV) FWD\EDC17	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Comfort/assistance/safety systems\Universal mobile phone preparation (UHV) FWD\EGC4	✓	✓	✓	✓	✓	✓

Divided by the Vehicle\TG-M\Comfort/assistance/safety systems\Universal mobile phone preparation(UHV)FWD\Universal mobile phone preparation(UHV)FWD	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Engine / Exhaust post-treatment\EDC\EDC, Bosch	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Engine / Exhaust post-treatment\EDC\Master, Bosch	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Engine / Exhaust post-treatment\EDC\Slave, Bosch	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Engine / Exhaust post-treatment\CNG gas engine control\Gas ME 7, Bosch	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Engine / Exhaust post-treatment\CRT(self-cleaning particle filter)MAN\CRT(self-cleaning particle filter)MAN	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Engine / Exhaust post-treatment\CRT(self-cleaning particle filter)MAN\EDC17	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Engine / Exhaust post-treatment\CRT(self-cleaning particle filter)MAN\EGC4	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Engine / Exhaust post-treatment\AdBlue system\DENOX AdBlue System	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Engine / Exhaust post-treatment\AdBlue system\NONOX AdBlue system, Grundfos	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Engine / Exhaust post-treatment\MAN Engine\D2866LOH23\BOSCH EDC MS5 Euro II	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Engine / Exhaust post-treatment\MAN Engine\D2866LOH25\BOSCH EDC MS5 Euro II	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Engine / Exhaust post-treatment\MAN Engine\D2866LOH27\BOSCH EDC MS5 Euro III	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Engine / Exhaust post-treatment\MAN Engine\D2866LOH28\BOSCH EDC MS5 Euro III	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Engine / Exhaust post-treatment\MAN Engine\D2866LOH29\BOSCH EDC MS5 Euro III	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Engine / Exhaust post-treatment\MAN Engine\D2876LOH01\BOSCH EDC MS5 Euro II	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Engine / Exhaust post-treatment\MAN Engine\BOSCH EDC MS5/M(S)5	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Gearbox/Powertrain\Gearbox\ASTRONIC ZF	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Gearbox/Powertrain\Gearbox\ASTRONIC mid ZF	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Gearbox/Powertrain\Gearbox\6AS 850 ASTRONIC lite ZF	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Gearbox/Powertrain\Gearbox\Ecomat 2/4 ZF	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Gearbox/Powertrain\Gearbox\DIWA.5 Voith Turbo	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Gearbox/Powertrain\Gearbox\EcoLife, ZF	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Gearbox/Powertrain\Gearbox\Traxon	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Gearbox/Powertrain\Hydro Drive MAN	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Gearbox/Powertrain\WSK\Torque converter and clutch system TC2ZF	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Gearbox/Powertrain\VSM\VSM SVD0	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Gearbox/Powertrain\VSM\TIPMATIC 3	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Hybrid components\DICO\DICO Siemens	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Hybrid components\EMU\EMU Energy Managment Unit	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Hybrid components\MT-Gateway	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Hybrid components\Vehicle elctrical system power converter	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Hybrid components\UCM Ultracap-Management	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Hybrid components>Wechselrichter\Wechselrichter 1	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Running gear/Steering\ECAS\ECAS/EFR	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Running gear/Steering\ECAS\ECAS CDC Wabco	✓	✓	✓	✓	✓	✓

Divided by the Vehicle\TG-M\Running gear\Steering\ECAS\ECAS Wabco	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Running gear\Steering\ECAS\ECAS2 Wabco	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Running gear\Steering\ECAS\ECAS2 CDC Wabco	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Running gear\Steering\Rear axle steering\Rear axle steering	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Running gear\Steering\Rear axle steering\RAS-EC1 steering system, rear axle, ZF	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Running gear\Steering\Rear axle steering\Steering system(EHLA/ALA)Mobil Elektronik	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-M\Man engine (Latin America)\EDC Engine	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TGM(2020-)\Engine	✓	✓	✓	✓		
Divided by the Vehicle\TGM(2020-)\Exhaust gas aftertreatment	✓	✓	✓	✓		
Divided by the Vehicle\TGM(2020-)\Gearbox	✓	✓	✓	✓		
Divided by the Vehicle\TGM(2020-)\Continuous brake	✓	✓	✓	✓		
Divided by the Vehicle\TGM(2020-)\Instrumentation	✓	✓	✓	✓		
Divided by the Vehicle\TGM(2020-)\Electronic brake system	✓	✓	✓	✓		
Divided by the Vehicle\TGM(2020-)\Central on board computer	✓	✓	✓	✓		
Divided by the Vehicle\TGM(2020-)\Central on board computer, Bus/Coach	✓	✓	✓	✓		
Divided by the Vehicle\TGM(2020-)\Management computer	✓	✓	✓	✓		
Divided by the Vehicle\TGM(2020-)\Auxiliary management computer	✓	✓	✓	✓		
Divided by the Vehicle\TGM(2020-)\Radio navigation	✓	✓	✓	✓		
Divided by the Vehicle\TGM(2020-)\Telematics	✓	✓	✓	✓		
Divided by the Vehicle\TGM(2020-)\Energy Manager	✓	✓	✓	✓		
Divided by the Vehicle\TGM(2020-)\Cab air suspension strut	✓	✓	✓	✓		
Divided by the Vehicle\TGM(2020-)\Battery energy storage	✓	✓	✓	✓		
Divided by the Vehicle\TGM(2020-)\Drive Motors	✓	✓	✓	✓		
Divided by the Vehicle\TGM(2020-)\Steered rear axle	✓	✓	✓	✓		
Divided by the Vehicle\TGM(2020-)\Active steering	✓	✓	✓	✓		
Divided by the Vehicle\TGM(2020-)\Electric air compressor	✓	✓	✓	✓		
Divided by the Vehicle\TGM(2020-)\Door control	✓	✓	✓	✓		
Divided by the Vehicle\TGM(2020-)\Universal mobile phone preparation	✓	✓	✓	✓		
Divided by the Vehicle\TGM(2020-)\Air conditioning system	✓	✓	✓	✓		
Divided by the Vehicle\TGM(2020-)\Auxiliary air heater, water	✓	✓	✓	✓		
Divided by the Vehicle\TGM(2020-)\Auxiliary air conditioning system	✓	✓	✓	✓		
Divided by the Vehicle\TGM(2020-)\Air management	✓	✓	✓	✓		
Divided by the Vehicle\TGM(2020-)\Airbag	✓	✓	✓	✓		
Divided by the Vehicle\TGM(2020-)\Customer's special module	✓	✓	✓	✓		
Divided by the Vehicle\TGM(2020-)\Lane departure warning system	✓	✓	✓	✓		
Divided by the Vehicle\TGM(2020-)\Radar sensor	✓	✓	✓	✓		

Divided by the Vehicle\TGM(2020-)\Converter clutch unit	✓	✓	✓	✓		
Divided by the Vehicle\TGM(2020-)\Tyre pressure monitor	✓	✓	✓	✓		
Divided by the Vehicle\TGM(2020-)\Engageable all wheel drive	✓	✓	✓	✓		
Divided by the Vehicle\TGM(2020-)\Lock management	✓	✓	✓	✓		
Divided by the Vehicle\TGM(2020-)\Vehicle electrical system voltage converter	✓	✓	✓	✓		
Divided by the Vehicle\TGM(2020-)\Inverter	✓	✓	✓	✓		
Divided by the Vehicle\TGM(2020-)\Voltage converter	✓	✓	✓	✓		
Divided by the Vehicle\TGM(2020-)\Starter alternator	✓	✓	✓	✓		
Divided by the Vehicle\TGM(2020-)\Energy storage	✓	✓	✓	✓		
Divided by the Vehicle\TGM(2020-)\UltraCap Management	✓	✓	✓	✓		
Divided by the Vehicle\TGM(2020-)\Battery cooling system	✓	✓	✓	✓		
Divided by the Vehicle\TGM(2020-)\Left headlight	✓	✓	✓	✓		
Divided by the Vehicle\TGM(2020-)\Right headlight	✓	✓	✓	✓		
Divided by the Vehicle\TGM(2020-)\Emergency steering pump	✓	✓	✓	✓		
Divided by the Vehicle\TGM(2020-)\Pivoting joint control	✓	✓	✓	✓		
Divided by the Vehicle\TG-E\Brake\Sustained-action brakes\EBS\EBS 2,WABCO	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Brake\Sustained-action brakes\EBS\EBS 2.2 KNORR\EBS/ESP commercial vehicle	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Brake\Sustained-action brakes\EBS\EBS 2.2 KNORR\EBS bus	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Brake\Sustained-action brakes\EBS\EBS 2.3,KNORR\EBS/ESP commercial vehicle	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Brake\Sustained-action brakes\EBS\EBS 2.3,KNORR\EBS bus	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Brake\Sustained-action brakes\EBS\EBS 5,KNORR	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Brake\Sustained-action brakes\ECAM\Haldex ECAM	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Brake\Sustained-action brakes\Sustained-action brakes\ZF Intarder	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Brake\Sustained-action brakes\Sustained-action brakes\Retarder R115E/R120-3/R133-2 Voith	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Brake\Sustained-action brakes\Sustained-action brakes\PriTarder(Voith water pump retarder)	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Brake\Sustained-action brakes\Sustained-action brakes\Intarder3	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Central computer/instrumentation\Customer's special module\VDO KSM	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Central computer/instrumentation\FFR/PTM/MFR\FFR Step VOD	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Central computer/instrumentation\FFR/PTM/MFR\FFR Step 12	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Central computer/instrumentation\FFR/PTM/MFR\Vehicle management computer Step 13	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Central computer/instrumentation\FFR/PTM/MFR\Vehicle management computer Step 13.5	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Central computer/instrumentation\Instrumentation\VDO-Kienzle instrumentation\VDO-Kienzle Baseline instrumentation	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Central computer/instrumentation\Instrumentation\VDO-Kienzle instrumentation\VDO-Kienzle Highline instrumentation	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Central computer/instrumentation\Instrumentation\Stoneridge Electronics\Combined Instrumentation	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Central computer/instrumentation\Instrumentation\Stoneridge Electronics\Instrumentation Stoneridge Electronics	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Central computer/instrumentation\Instrumentation\Stoneridge Electronics\Stoneridge Electronics Lowline electronics	✓	✓	✓	✓	✓	✓



Divided by the Vehicle\TG-E\Central computer\instrumentation\Instrumentation Stoneridge Electronics\Stoneridge Electronics Baseline instrumentation	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Central computer\instrumentation\Instrumentation Stoneridge Electronics\Stoneridge Electronics Highline instrumentation	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Central computer\instrumentation\Wabco ZBR II	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Central computer\instrumentation\ZBR(central on board computer)\CBR II Wabco up to version E5	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Central computer\instrumentation\ZBR(central on board computer)\CBR II Wabco from version E6 onwards	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Central computer\instrumentation\ZBRO\ZBRO control unit software status 'ZR_103' or earlier	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Central computer\instrumentation\ZBRO\ZBRO control unit software status 'ZR_104' or earlier	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Central computer\instrumentation\ZBRO\ZBRO32	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Central computer\instrumentation\ZFR\Engine management computer (MFR)	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Central computer\instrumentation\ZFR\PTM	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Central computer\instrumentation\ZFR\ZFR MAN	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Central computer,marine and auxiliary engines\CNG gas engine control\Gas ME 7,Bosch	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Central computer,marine and auxiliary engines\EDC\EDC,Bosch	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Central computer,marine and auxiliary engines\EDC\Master,Bosch	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Central computer,marine and auxiliary engines\EDC\Slave,Bosch	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Central computer,marine and auxiliary engines\FFR\PTM\MFR\VDO FFR	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Central computer,marine and auxiliary engines\FFR\PTM\MFR\PTM	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Central computer,marine and auxiliary engines\FFR\PTM\MFR\Engine management computer (MFR)	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Central computer,marine and auxiliary engines\MAN Marine Diagnose System\MAN Marine Diagnostic System (MMDS)	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Central computer,marine and auxiliary engines\Ship vehicle management computer (SFFR)	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Climate control/auxiliary heaters\Air-conditioning/auxiliary air-conditioning/heating\Air-conditioning system KR 49x Bar	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Climate control/auxiliary heaters\Air-conditioning/auxiliary air-conditioning/heating\Air-conditioning system KR 49x Bader	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Climate control/auxiliary heaters\Air-conditioning/auxiliary air-conditioning/heating\Behr/GKR air-conditioning control	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Climate control/auxiliary heaters\Air-conditioning/auxiliary air-conditioning/heating\Behr independent air-conditioning system SKG	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Climate control/auxiliary heaters\Air-conditioning/auxiliary air-conditioning/heating\Heating/air conditioning/auxiliary air conditioning BHTC, Behr	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Climate control/auxiliary heaters\Additional heaters air or water\Airtronic D2/D4,Eberspacher	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Climate control/auxiliary heaters\Additional heaters air or water\Air Top 2000 OEM,Webasto	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Climate control/auxiliary heaters\Additional heaters air or water\Air Top 3500 ST,Webasto	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Climate control/auxiliary heaters\Additional heaters air or water\Air Top 3500,Webasto SG 11580	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Climate control/auxiliary heaters\Additional heaters air or water\Air Top 3500,Webasto SG 11580 old	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Climate control/auxiliary heaters\Additional heaters air or water\D1LC- / D3LC Compact, Eberspacher	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Climate control/auxiliary heaters\Additional heaters air or water\D1LC-/D3LC Compact (9A), Eberspacher	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Climate control/auxiliary heaters\Additional heaters air or water\Hydronic D5W,Eberspacher	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Climate control/auxiliary heaters\Additional heaters air or water\Hydronic 24/30/35, Eberspacher	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Climate control/auxiliary heaters\Additional heaters air or water\Thermo S, Spheros	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Climate control/auxiliary heaters\Additional heaters air or water\Thermo 50, Webasto	✓	✓	✓	✓	✓	✓

Divided by the Vehicle\TG-E\Comfort/assistance/safety systems\ACC MAN	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Comfort/assistance/safety systems\Airbag\BOSCH airbag	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Comfort/assistance/safety systems\Door module\Berifors door module	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Comfort/assistance/safety systems\Door module\Door module TRW	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Comfort/assistance/safety systems\LGS (Lane Guard System)\LGS ITERIS	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Comfort/assistance/safety systems\Radars sensor	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Comfort/assistance/safety systems\Telematik Boardmodul (TBM) OHB	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Comfort/assistance/safety systems\Tire Pressure Monitor (TPM) Wabco	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Comfort/assistance/safety systems\Universal mobile phone preparation (UHV) FWD\EDC17	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Comfort/assistance/safety systems\Universal mobile phone preparation (UHV) FWD\EGC4	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Comfort/assistance/safety systems\Universal mobile phone preparation (UHV) FWD\Universal mobile phone preparation (UHV) FWD	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Engine / Exhaust post-treatment\EDC\EDC, Bosch	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Engine / Exhaust post-treatment\EDC\Master, Bosch	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Engine / Exhaust post-treatment\EDC\Slave, Bosch	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Engine / Exhaust post-treatment\CNG gas engine control\Gas ME 7, Bosch	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Engine / Exhaust post-treatment\CRT (self-cleaning particle filter)\MAN\CRT (self-cleaning particle filter)\MAN	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Engine / Exhaust post-treatment\CRT (self-cleaning particle filter)\MAN\EDC17	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Engine / Exhaust post-treatment\CRT (self-cleaning particle filter)\MAN\EGC4	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Engine / Exhaust post-treatment\AdBlue system\DENOX AdBlue System	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Engine / Exhaust post-treatment\AdBlue system\NONOX AdBlue system, Grundfos	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Engine / Exhaust post-treatment\MAN Engine\D2866LOH23\BOSCH EDC MS5 Euro II	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Engine / Exhaust post-treatment\MAN Engine\D2866LOH25\BOSCH EDC MS5 Euro II	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Engine / Exhaust post-treatment\MAN Engine\D2866LOH27\BOSCH EDC MS5 Euro III	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Engine / Exhaust post-treatment\MAN Engine\D2866LOH28\BOSCH EDC MS5 Euro III	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Engine / Exhaust post-treatment\MAN Engine\D2866LOH29\BOSCH EDC MS5 Euro III	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Engine / Exhaust post-treatment\MAN Engine\D2876LOH01\BOSCH EDC MS5 Euro II	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Engine / Exhaust post-treatment\MAN Engine\BOSCH EDC MS5/M(S)5	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Gearbox/Powertrain\Gearbox\ASTRONIC ZF	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Gearbox/Powertrain\Gearbox\ASTRONIC mid ZF	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Gearbox/Powertrain\Gearbox\6AS 850 ASTRONIC lite ZF	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Gearbox/Powertrain\Gearbox\Ecomat 2/4 ZF	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Gearbox/Powertrain\Gearbox\DIWA.5 Voith Turbo	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Gearbox/Powertrain\Gearbox\EcoLife, ZF	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Gearbox/Powertrain\Gearbox\Traxon	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Gearbox/Powertrain\Hydro Drive MAN	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Gearbox/Powertrain\WSK\Torque converter and clutch system TC2ZF	✓	✓	✓	✓	✓	✓

Divided by the Vehicle\TG-E\Gearbox/Powertrain\VSM\VSM SVDO	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Gearbox/Powertrain\VSM\TIPMATIC 3	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Hybrid components\DICO\DICO Siemens	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Hybrid components\EMU\EMU Energy Managment Unit	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Hybrid components\MT-Gateway	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Hybrid components\Vehicle elctrical system power converter	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Hybrid components\UCM Ultracap-Management	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Hybrid components\Wechselrichter\Wechselrichter 1	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Running gear/Steering\ECAS\ECAS/EFR	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Running gear/Steering\ECAS\ECAS CDC Wabco	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Running gear/Steering\ECAS\ECAS Wabco	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Running gear/Steering\ECAS\ECAS2 Wabco	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Running gear/Steering\ECAS\ECAS2 CDC Wabco	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Running gear/Steering\Rear axle steering\Rear axle steering	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Running gear/Steering\Rear axle steering\RAS-EC1 steering system, rear axle, ZF	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Running gear/Steering\Rear axle steering\Steering system(EHLA/ALA)Mobil Elektronik	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-E\Man engine (Latin America)\EDC Engine	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Brake/Sustained-action brakes\EBS\EBS 2, WABCO	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Brake/Sustained-action brakes\EBS\EBS 2.2 KNORR\EBS/ESP commerical vehicle	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Brake/Sustained-action brakes\EBS\EBS 2.2 KNORR\EBS bus	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Brake/Sustained-action brakes\EBS\EBS 2.3, KNORR\EBS/ESP commerical vehicle	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Brake/Sustained-action brakes\EBS\EBS 2.3, KNORR\EBS bus	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Brake/Sustained-action brakes\EBS\EBS 5, KNORR	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Brake/Sustained-action brakes\ECAM\Haldex ECAM	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Brake/Sustained-action brakes\Sustained-action brakes\ZF Intarder	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Brake/Sustained-action brakes\Sustained-action brakes\Retarder R115E/R120-3/R133-2 Voith	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Brake/Sustained-action brakes\Sustained-action brakes\PriTarder (Voith water pump retarder)	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Brake/Sustained-action brakes\Sustained-action brakes\Intarder3	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Central computer/instrumentation\Customer's special module\VDO KSM	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Central computer/instrumentation\FFR/PTM/MFR\FFR Step VOD	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Central computer/instrumentation\FFR/PTM/MFR\FFR Step 12	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Central computer/instrumentation\FFR/PTM/MFR\Vehicle management computer Step 13	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Central computer/instrumentation\FFR/PTM/MFR\Vehicle management computer Step 13.5	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Central computer/instrumentation\Instrumentation\VDO-Kienzle instrumentation\VDO-Kienzle Baseline instrumentation	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Central computer/instrumentation\Instrumentation\VDO-Kienzle instrumentation\VDO-Kienzle Highline instrumentation	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Central computer/instrumentation\Instrumentation Stoneridge Electronics\Combined Instrumentation	✓	✓	✓	✓	✓	✓

Divided by the Vehicle\TG-S\Central computer\instrumentation\Instrumentation\Instrumentation Stoneridge Electronics\Instrumentation Stoneridge Electronics	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Central computer\instrumentation\Instrumentation\Instrumentation Stoneridge Electronics\Stoneridge Electronics Lowline electronics	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Central computer\instrumentation\Instrumentation\Instrumentation Stoneridge Electronics\Stoneridge Electronics Baseline instrumentation	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Central computer\instrumentation\Instrumentation\Instrumentation Stoneridge Electronics\Stoneridge Electronics Highline instrumentation	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Central computer\instrumentation\Wabco ZBR II	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Central computer\instrumentation\ZBR(central on board computer)\CBR II Wabco up to version E5	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Central computer\instrumentation\ZBR(central on board computer)\CBR II Wabco from version E6 onwards	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Central computer\instrumentation\ZBRO\ZBRO control unit software status 'ZR_103' or earlier	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Central computer\instrumentation\ZBRO\ZBRO control unit software status 'ZR_104' or earlier	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Central computer\instrumentation\ZBRO\ZBR032	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Central computer\instrumentation\ZFR\Engine management computer(MFR)	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Central computer\instrumentation\ZFR\PTM	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Central computer\instrumentation\ZFR\ZFR MAN	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Central computer,marine and auxiliary engines\CNG gas engine control\Gas ME 7,Bosch	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Central computer,marine and auxiliary engines\EDC\EDC,Bosch	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Central computer,marine and auxiliary engines\EDC\Master,Bosch	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Central computer,marine and auxiliary engines\EDC\Slave,Bosch	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Central computer,marine and auxiliary engines\FFR\PTM\MFR\VDO FFR	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Central computer,marine and auxiliary engines\FFR\PTM\MFR\PTM	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Central computer,marine and auxiliary engines\FFR\PTM\MFR\Engine management computer (MFR)	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Central computer,marine and auxiliary engines\MAN Marine Diagnose System\MAN Marine Diagnostic System(MMDS)	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Central computer,marine and auxiliary engines\Ship vehicle management computer (SFFR)	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Climate control/auxiliary heaters\Air-conditioning/auxiliary air-conditioning/heating\Air-conditioning system KR 49x Bar	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Climate control/auxiliary heaters\Air-conditioning/auxiliary air-conditioning/heating\Air-conditioning system KR 49x Bader	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Climate control/auxiliary heaters\Air-conditioning/auxiliary air-conditioning/heating\Behr/GKR air-conditioning control	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Climate control/auxiliary heaters\Air-conditioning/auxiliary air-conditioning/heating\Behr independent air-conditioning system SKG	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Climate control/auxiliary heaters\Air-conditioning/auxiliary air-conditioning/heating\Heating/air conditioning/auxiliary air conditioning BHTC,Behr	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Climate control/auxiliary heaters\Additional heaters air or water\Airtronic D2/D4,Eberspacher	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Climate control/auxiliary heaters\Additional heaters air or water\Air Top 2000 OEM,Webasto	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Climate control/auxiliary heaters\Additional heaters air or water\Air Top 3500 ST,Webasto	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Climate control/auxiliary heaters\Additional heaters air or water\Air Top 3500,Webasto SG 11580	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Climate control/auxiliary heaters\Additional heaters air or water\Air Top 3500,Webasto SG 11580 old	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Climate control/auxiliary heaters\Additional heaters air or water\D1LC- / D3LC Compact, Eberspacher	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Climate control/auxiliary heaters\Additional heaters air or water\D1LC-/D3LC Compact (9A), Eberspacher	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Climate control/auxiliary heaters\Additional heaters air or water\Hydronic D5W,Eberspacher	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Climate control/auxiliary heaters\Additional heaters air or water\Hydronic 24/30/35, Eberspacher	✓	✓	✓	✓	✓	✓

Divided by the Vehicle\TG-S\Climate control\auxiliary heaters\Additional heaters air or water\Thermo S, Spheros	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Climate control\auxiliary heaters\Additional heaters air or water\Thermo 50, Webasto	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Comfort/assistance/safety systems\ACC MAN	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Comfort/assistance/safety systems\Airbag\BOSCH airbag	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Comfort/assistance/safety systems\Door module\Berifors door module	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Comfort/assistance/safety systems\Door module\Door module TRW	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Comfort/assistance/safety systems\LGS (Lane Guard System)\LGS ITERIS	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Comfort/assistance/safety systems\Radars sensor	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Comfort/assistance/safety systems\Telematik Boardmodul (TBM) OHB	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Comfort/assistance/safety systems\Tire Pressure Monitor (TPM) Wabco	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Comfort/assistance/safety systems\Universal mobile phone preparation (UHV) FWD\EDC17	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Comfort/assistance/safety systems\Universal mobile phone preparation (UHV) FWD\EGC4	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Comfort/assistance/safety systems\Universal mobile phone preparation (UHV) FWD\Universal mobile phone preparation (UHV) FWD	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Engine / Exhaust post-treatment\EDC\EDC, Bosch	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Engine / Exhaust post-treatment\EDC\Master, Bosch	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Engine / Exhaust post-treatment\EDC\Slave, Bosch	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Engine / Exhaust post-treatment\CNG gas engine control\Gas ME 7, Bosch	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Engine / Exhaust post-treatment\CRT (self-cleaning particle filter)MAN\CRT (self-cleaning particle filter)MAN	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Engine / Exhaust post-treatment\CRT (self-cleaning particle filter)MAN\EDC17	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Engine / Exhaust post-treatment\CRT (self-cleaning particle filter)MAN\EGC4	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Engine / Exhaust post-treatment\AdBlue system\DENOX AdBlue System	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Engine / Exhaust post-treatment\AdBlue system\NONOX AdBlue system, Grundfos	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Engine / Exhaust post-treatment\MAN Engine\D2866LOH23\BOSCH EDC MS5 Euro II	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Engine / Exhaust post-treatment\MAN Engine\D2866LOH25\BOSCH EDC MS5 Euro II	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Engine / Exhaust post-treatment\MAN Engine\D2866LOH27\BOSCH EDC MS5 Euro III	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Engine / Exhaust post-treatment\MAN Engine\D2866LOH28\BOSCH EDC MS5 Euro III	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Engine / Exhaust post-treatment\MAN Engine\D2866LOH29\BOSCH EDC MS5 Euro III	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Engine / Exhaust post-treatment\MAN Engine\D2876LOH01\BOSCH EDC MS5 Euro II	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Engine / Exhaust post-treatment\MAN Engine\BOSCH EDC MS5/M(S)5	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Gearbox/Powertrain\Gearbox\ASTRONIC ZF	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Gearbox/Powertrain\Gearbox\ASTRONIC mid ZF	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Gearbox/Powertrain\Gearbox\6AS 850 ASTRONIC lite ZF	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Gearbox/Powertrain\Gearbox\Ecomat 2/4 ZF	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Gearbox/Powertrain\Gearbox\DIWA.5 Voith Turbo	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Gearbox/Powertrain\Gearbox\EcoLife, ZF	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Gearbox/Powertrain\Gearbox\Traxion	✓	✓	✓	✓	✓	✓

Divided by the Vehicle\TG-S\Gearbox/Powertrain\Hydro Drive MAN	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Gearbox/Powertrain\WSK\Torque converter and clutch system TC2ZF	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Gearbox/Powertrain\VSM\VSM SVD0	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Gearbox/Powertrain\VSM\TIPMATIC 3	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Hybrid components\DICO\DICO Siemens	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Hybrid components\EMU\EMU Energy Managment Unit	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Hybrid components\MT-Gateway	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Hybrid components\Vehicle elctrical system power converter	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Hybrid components\UCM Ultracap-Management	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Hybrid components\Wechselrichter\Wechselrichter 1	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Running gear/Steering\ECAS\ECAS/EFR	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Running gear/Steering\ECAS\ECAS CDC Wabco	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Running gear/Steering\ECAS\ECAS Wabco	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Running gear/Steering\ECAS\ECAS2 Wabco	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Running gear/Steering\ECAS\ECAS2 CDC Wabco	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Running gear/Steering\Rear axle steering\Rear axle steering	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Running gear/Steering\Rear axle steering\RAS-EC1 steering system, rear axle, ZF	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Running gear/Steering\Rear axle steering\Steering system(EHLA/ALA) Mobil Elektronik	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-S\Man engine (Latin America)\EDC Engine	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TGS(2020-)\Engine	✓	✓	✓	✓		
Divided by the Vehicle\TGS(2020-)\Exhaust gas aftertreatment	✓	✓	✓	✓		
Divided by the Vehicle\TGS(2020-)\Gearbox	✓	✓	✓	✓		
Divided by the Vehicle\TGS(2020-)\Continuous brake	✓	✓	✓	✓		
Divided by the Vehicle\TGS(2020-)\Instrumention	✓	✓	✓	✓		
Divided by the Vehicle\TGS(2020-)\Electronic brake system	✓	✓	✓	✓		
Divided by the Vehicle\TGS(2020-)\Central on board computer	✓	✓	✓	✓		
Divided by the Vehicle\TGS(2020-)\Central on board computer, Bus/Coach	✓	✓	✓	✓		
Divided by the Vehicle\TGS(2020-)\Management computer	✓	✓	✓	✓		
Divided by the Vehicle\TGS(2020-)\Auxiliary management computer	✓	✓	✓	✓		
Divided by the Vehicle\TGS(2020-)\Radio navigation	✓	✓	✓	✓		
Divided by the Vehicle\TGS(2020-)\Telematics	✓	✓	✓	✓		
Divided by the Vehicle\TGS(2020-)\Energy Manager	✓	✓	✓	✓		
Divided by the Vehicle\TGS(2020-)\Cab air suspension strut	✓	✓	✓	✓		
Divided by the Vehicle\TGS(2020-)\Battery energy storage	✓	✓	✓	✓		
Divided by the Vehicle\TGS(2020-)\Drive Motors	✓	✓	✓	✓		
Divided by the Vehicle\TGS(2020-)\Steered rear axle	✓	✓	✓	✓		

Divided by the Vehicle\TGS(2020-)\Active steering	✓	✓	✓	✓		
Divided by the Vehicle\TGS(2020-)\Electric air compressor	✓	✓	✓	✓		
Divided by the Vehicle\TGS(2020-)\Door control	✓	✓	✓	✓		
Divided by the Vehicle\TGS(2020-)\Universal mobile phone preparation	✓	✓	✓	✓		
Divided by the Vehicle\TGS(2020-)\Air conditioning system	✓	✓	✓	✓		
Divided by the Vehicle\TGS(2020-)\Auxiliary air heater,water	✓	✓	✓	✓		
Divided by the Vehicle\TGS(2020-)\Auxiliary air conditioning system	✓	✓	✓	✓		
Divided by the Vehicle\TGS(2020-)\Air management	✓	✓	✓	✓		
Divided by the Vehicle\TGS(2020-)\Airbag	✓	✓	✓	✓		
Divided by the Vehicle\TGS(2020-)\Customer's special module	✓	✓	✓	✓		
Divided by the Vehicle\TGS(2020-)\Lane departure warning system	✓	✓	✓	✓		
Divided by the Vehicle\TGS(2020-)\Radar sensor	✓	✓	✓	✓		
Divided by the Vehicle\TGS(2020-)\Converter clutch unit	✓	✓	✓	✓		
Divided by the Vehicle\TGS(2020-)\Tyre pressure monitor	✓	✓	✓	✓		
Divided by the Vehicle\TGS(2020-)\Engageable all wheel drive	✓	✓	✓	✓		
Divided by the Vehicle\TG-X\Brake\Sustained-action brakes\EBS\EBS 2,WABCO	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Brake\Sustained-action brakes\EBS\EBS 2.2 KNORR\EBS/ESP commercial vehicle	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Brake\Sustained-action brakes\EBS\EBS 2.2 KNORR\EBS bus	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Brake\Sustained-action brakes\EBS\EBS 2.3,KNORR\EBS/ESP commercial vehicle	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Brake\Sustained-action brakes\EBS\EBS 2.3,KNORR\EBS bus	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Brake\Sustained-action brakes\EBS\EBS 5,KNORR	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Brake\Sustained-action brakes\ECAM\HalDEX ECAM	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Brake\Sustained-action brakes\Sustained-action brakes\ZF Intarder	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Brake\Sustained-action brakes\Sustained-action brakes\Retarder R115E/R120-3/R133-2 Voith	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Brake\Sustained-action brakes\Sustained-action brakes\PriTarder(Voith water pump retarder)	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Brake\Sustained-action brakes\Sustained-action brakes\Intarder3	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Central computer/instrumentation\Customer's special module\VDO KSM	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Central computer/instrumentation\FFR/PTM/MFR\FFR Step VOD	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Central computer/instrumentation\FFR/PTM/MFR\FFR Step 12	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Central computer/instrumentation\FFR/PTM/MFR\Vehicle management computer Step 13	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Central computer/instrumentation\FFR/PTM/MFR\Vehicle management computer Step 13.5	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Central computer/instrumentation\Instrumentation\VDO-Kienzle instrumentation\VDO-Kienzle Baseline instrumentation	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Central computer/instrumentation\Instrumentation\VDO-Kienzle instrumentation\VDO-Kienzle Highline instrumentation	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Central computer/instrumentation\Instrumentation\Stoneridge Electronics\Combined Instrumentation	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Central computer/instrumentation\Instrumentation\Stoneridge Electronics\Instrumentation Stoneridge Electronics	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Central computer/instrumentation\Instrumentation\Stoneridge Electronics\Stoneridge Electronics Lowline electronics	✓	✓	✓	✓	✓	✓

Divided by the Vehicle\TG-X\Central computer/instrumentation\Instrumentation Stoneridge Electronics\Stoneridge Electronics Baseline instrumentation	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Central computer/instrumentation\Instrumentation Stoneridge Electronics\Stoneridge Electronics Highline instrumentation	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Central computer/instrumentation\Wabco ZBR II	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Central computer/instrumentation\ZBR(central on board computer)\CBR II Wabco up to version E5	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Central computer/instrumentation\ZBR(central on board computer)\CBR II Wabco from version E6 onwards	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Central computer/instrumentation\ZBRO\ZBRO control unit software status 'ZR_103' or earlier	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Central computer/instrumentation\ZBRO\ZBRO control unit software status 'ZR_104' or earlier	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Central computer/instrumentation\ZBRO\ZBRO32	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Central computer/instrumentation\ZFR\Engine management computer (MFR)	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Central computer/instrumentation\ZFR\PTM	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Central computer/instrumentation\ZFR\ZFR MAN	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Central computer,marine and auxiliary engines\CNG gas engine control\Gas ME 7,Bosch	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Central computer,marine and auxiliary engines\EDC\EDC,Bosch	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Central computer,marine and auxiliary engines\EDC\Master,Bosch	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Central computer,marine and auxiliary engines\EDC\Slave,Bosch	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Central computer,marine and auxiliary engines\FFR\PTM\MFR\VDO FFR	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Central computer,marine and auxiliary engines\FFR\PTM\MFR\PTM	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Central computer,marine and auxiliary engines\FFR\PTM\MFR\Engine management computer (MFR)	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Central computer,marine and auxiliary engines\MAN Marine Diagnose System\MAN Marine Diagnostic System (MMDS)	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Central computer,marine and auxiliary engines\Ship vehicle management computer (SFFR)	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Climate control/auxiliary heaters\Air-conditioning/auxiliary air-conditioning/heating\Air-conditioning system KR 49x Bar	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Climate control/auxiliary heaters\Air-conditioning/auxiliary air-conditioning/heating\Air-conditioning system KR 49x Bader	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Climate control/auxiliary heaters\Air-conditioning/auxiliary air-conditioning/heating\Behr/GKR air-conditioning control	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Climate control/auxiliary heaters\Air-conditioning/auxiliary air-conditioning/heating\Behr independent air-conditioning system SKG	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Climate control/auxiliary heaters\Air-conditioning/auxiliary air-conditioning/heating\Heating/air conditioning/auxiliary air conditioning BHTC, Behr	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Climate control/auxiliary heaters\Additional heaters air or water\Airtronic D2/D4,Eberspacher	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Climate control/auxiliary heaters\Additional heaters air or water\Air Top 2000 OEM,Webasto	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Climate control/auxiliary heaters\Additional heaters air or water\Air Top 3500 ST,Webasto	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Climate control/auxiliary heaters\Additional heaters air or water\Air Top 3500,Webasto SG 11580	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Climate control/auxiliary heaters\Additional heaters air or water\Air Top 3500,Webasto SG 11580 old	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Climate control/auxiliary heaters\Additional heaters air or water\D1LC- / D3LC Compact, Eberspacher	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Climate control/auxiliary heaters\Additional heaters air or water\D1LC-/D3LC Compact (9A), Eberspacher	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Climate control/auxiliary heaters\Additional heaters air or water\Hydronic D5W,Eberspacher	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Climate control/auxiliary heaters\Additional heaters air or water\Hydronic 24/30/35, Eberspacher	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Climate control/auxiliary heaters\Additional heaters air or water\Thermo S, Spheros	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Climate control/auxiliary heaters\Additional heaters air or water\Thermo 50, Webasto	✓	✓	✓	✓	✓	✓



Divided by the Vehicle\TG-X\Comfort/assistance/safety systems\ACC MAN	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Comfort/assistance/safety systems\Airbag\BOSCH airbag	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Comfort/assistance/safety systems\Door module\Berifors door module	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Comfort/assistance/safety systems\Door module\Door module TRW	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Comfort/assistance/safety systems\LGS (Lane Guard System)\LGS ITERIS	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Comfort/assistance/safety systems\Radars sensor	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Comfort/assistance/safety systems\Telematik Boardmodul (TBM) OHB	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Comfort/assistance/safety systems\Tire Pressure Monitor (TPM) Wabco	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Comfort/assistance/safety systems\Universal mobile phone preparation (UHV) FWD\EDC17	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Comfort/assistance/safety systems\Universal mobile phone preparation (UHV) FWD\EGC4	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Comfort/assistance/safety systems\Universal mobile phone preparation (UHV) FWD\Universal mobile phone preparation (UHV) FWD	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Engine / Exhaust post-treatment\EDC\EDC, Bosch	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Engine / Exhaust post-treatment\EDC\Master, Bosch	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Engine / Exhaust post-treatment\EDC\Slave, Bosch	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Engine / Exhaust post-treatment\CNG gas engine control\Gas ME 7, Bosch	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Engine / Exhaust post-treatment\CRT (self-cleaning particle filter)MAN\CRT (self-cleaning particle filter)MAN	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Engine / Exhaust post-treatment\CRT (self-cleaning particle filter)MAN\EDC17	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Engine / Exhaust post-treatment\CRT (self-cleaning particle filter)MAN\EGC4	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Engine / Exhaust post-treatment\AdBlue system\DENOX AdBlue System	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Engine / Exhaust post-treatment\AdBlue system\NONOX AdBlue system, Grundfos	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Engine / Exhaust post-treatment\MAN Engine\D2866LOH23\BOSCH EDC MS5 Euro II	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Engine / Exhaust post-treatment\MAN Engine\D2866LOH25\BOSCH EDC MS5 Euro II	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Engine / Exhaust post-treatment\MAN Engine\D2866LOH27\BOSCH EDC MS5 Euro III	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Engine / Exhaust post-treatment\MAN Engine\D2866LOH28\BOSCH EDC MS5 Euro III	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Engine / Exhaust post-treatment\MAN Engine\D2866LOH29\BOSCH EDC MS5 Euro III	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Engine / Exhaust post-treatment\MAN Engine\D2876LOH01\BOSCH EDC MS5 Euro II	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Engine / Exhaust post-treatment\MAN Engine\BOSCH EDC MS5/M(S)5	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Gearbox/Powertrain\Gearbox\ASTRONIC ZF	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Gearbox/Powertrain\Gearbox\ASTRONIC mid ZF	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Gearbox/Powertrain\Gearbox\6AS 850 ASTRONIC lite ZF	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Gearbox/Powertrain\Gearbox\Ecomat 2/4 ZF	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Gearbox/Powertrain\Gearbox\DIWA.5 Voith Turbo	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Gearbox/Powertrain\Gearbox\EcoLife, ZF	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Gearbox/Powertrain\Gearbox\Traxon	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Gearbox/Powertrain\Hydro Drive MAN	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Gearbox/Powertrain\WSK\Torque converter and clutch system TC2ZF	✓	✓	✓	✓	✓	✓

Divided by the Vehicle\TG-X\Gearbox/Powertrain\VSM\VSM SVDO	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Gearbox/Powertrain\VSM\TIPTMATIC 3	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Hybrid components\DICO\DICO Siemens	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Hybrid components\EMU\EMU Energy Managment Unit	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Hybrid components\MT-Gateway	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Hybrid components\Vehicle elctrical system power converter	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Hybrid components\UCM Ultracap-Management	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Hybrid components\Wechselrichter\Wechselrichter 1	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Running gear/Steering\ECAS\ECAS/EFR	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Running gear/Steering\ECAS\ECAS CDC Wabco	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Running gear/Steering\ECAS\ECAS Wabco	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Running gear/Steering\ECAS\ECAS2 Wabco	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Running gear/Steering\ECAS\ECAS2 CDC Wabco	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Running gear/Steering\Rear axle steering\Rear axle steering	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Running gear/Steering\Rear axle steering\RAS-EC1 steering system, rear axle, ZF	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Running gear/Steering\Rear axle steering\Steering system(EHLA/ALA)Mobil Elektronik	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TG-X\Man engine (Latin America)\EDC Engine	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\TGX(2020-)\Engine	✓	✓	✓	✓		
Divided by the Vehicle\TGX(2020-)\Exhaust gas aftertreatment	✓	✓	✓	✓		
Divided by the Vehicle\TGX(2020-)\Gearbox	✓	✓	✓	✓		
Divided by the Vehicle\TGX(2020-)\Continuous brake	✓	✓	✓	✓		
Divided by the Vehicle\TGX(2020-)\Instrumentation	✓	✓	✓	✓		
Divided by the Vehicle\TGX(2020-)\Electronic brake system	✓	✓	✓	✓		
Divided by the Vehicle\TGX(2020-)\Central on board computer	✓	✓	✓	✓		
Divided by the Vehicle\TGX(2020-)\Central on board computer, Bus/Coach	✓	✓	✓	✓		
Divided by the Vehicle\TGX(2020-)\Management computer	✓	✓	✓	✓		
Divided by the Vehicle\TGX(2020-)\Auxiliary management computer	✓	✓	✓	✓		
Divided by the Vehicle\TGX(2020-)\Radio navigation	✓	✓	✓	✓		
Divided by the Vehicle\TGX(2020-)\Telematics	✓	✓	✓	✓		
Divided by the Vehicle\TGX(2020-)\Energy Manager	✓	✓	✓	✓		
Divided by the Vehicle\TGX(2020-)\Cab air suspension strut	✓	✓	✓	✓		
Divided by the Vehicle\TGX(2020-)\Battery energy storage	✓	✓	✓	✓		
Divided by the Vehicle\TGX(2020-)\Drive Motors	✓	✓	✓	✓		
Divided by the Vehicle\TGX(2020-)\Steered rear axle	✓	✓	✓	✓		
Divided by the Vehicle\TGX(2020-)\Active steering	✓	✓	✓	✓		
Divided by the Vehicle\TGX(2020-)\Electric air compressor	✓	✓	✓	✓		

Divided by the Vehicle\TGX(2020-)\Door control	✓	✓	✓	✓		
Divided by the Vehicle\TGX(2020-)\Universal mobile phone preparation	✓	✓	✓	✓		
Divided by the Vehicle\TGX(2020-)\Air conditioning system	✓	✓	✓	✓		
Divided by the Vehicle\TGX(2020-)\Auxiliary air heater,water	✓	✓	✓	✓		
Divided by the Vehicle\TGX(2020-)\Auxiliary air conditioning system	✓	✓	✓	✓		
Divided by the Vehicle\TGX(2020-)\Air management	✓	✓	✓	✓		
Divided by the Vehicle\TGX(2020-)\Airbag	✓	✓	✓	✓		
Divided by the Vehicle\TGX(2020-)\Customer's special module	✓	✓	✓	✓		
Divided by the Vehicle\TGX(2020-)\Lane departure warning system	✓	✓	✓	✓		
Divided by the Vehicle\TGX(2020-)\Radar sensor	✓	✓	✓	✓		
Divided by the Vehicle\TGX(2020-)\Converter clutch unit	✓	✓	✓	✓		
Divided by the Vehicle\TGX(2020-)\Tyre pressure monitor	✓	✓	✓	✓		
Divided by the Vehicle\TGX(2020-)\Engageable all wheel drive	✓	✓	✓	✓		
Divided by the Vehicle\TG-L\Diesel injection system\150\D 0834 LFL40\Bosch EDC 7	✓	✓	✓	✓		
Divided by the Vehicle\TG-L\Diesel injection system\180\D 0834 LFL41\Bosch EDC 7	✓	✓	✓	✓		
Divided by the Vehicle\TG-L\Diesel injection system\210\D 0834 LFL42\Bosch EDC 7	✓	✓	✓	✓		
Divided by the Vehicle\TG-L\Diesel injection system\240\D 0836 LFL40\Bosch EDC 7	✓	✓	✓	✓		
Divided by the Vehicle\TG-L\Engine - Auto adjustment\VD0 FFR Vehicle-Engine(Navigator)		✓	✓	✓		
Divided by the Vehicle\E 2000\Braking force support\Voith VERA R115E	✓	✓	✓	✓		
Divided by the Vehicle\E 2000 Evolution\Braking force support\Voith VERA R115E	✓	✓	✓	✓		
Divided by the Vehicle\E 2000 Evolution\Diesel injection system\310\D 2866 LF23\BOSCH EDC MS 6.1	✓	✓	✓	✓		
Divided by the Vehicle\E 2000 Evolution\Diesel injection system\360\D 2866 LF24\BOSCH EDC MS 6.1	✓	✓	✓	✓		
Divided by the Vehicle\E 2000 Evolution\Diesel injection system\410\D 2866 LF 25\BOSCH EDC MS 6.1	✓	✓	✓	✓		
Divided by the Vehicle\E 2000 Evolution\Diesel injection system\414\D 2876 LF03\BOSCH EDC MS 6.1	✓	✓	✓	✓		
Divided by the Vehicle\F 2000\Braking force support\Voith VERA R115E	✓	✓	✓	✓		
Divided by the Vehicle\F 2000 Evolution\Braking force support\Voith VERA R115E	✓	✓	✓	✓		
Divided by the Vehicle\F 2000 Evolution\Diesel injection system\310\D 2866 LF 23\BOSCH EDC MS 6.1	✓	✓	✓	✓		
Divided by the Vehicle\F 2000 Evolution\Diesel injection system\360\D 2866 LF24\BOSCH EDC MS 6.1	✓	✓	✓	✓		
Divided by the Vehicle\F 2000 Evolution\Diesel injection system\410\D 2866 LF25\BOSCH EDC MS 6.1	✓	✓	✓	✓		
Divided by the Vehicle\F 2000 Evolution\Diesel injection system\414\D 2876 LF 03\BOSCH EDC MS 6.1	✓	✓	✓	✓		
Divided by the Vehicle\F 90\Braking force support\Voith VERA R115E	✓	✓	✓	✓		
Divided by the Vehicle\L 2000\Diesel injection system\264\D 0826 LFL09\Bosch EDC MS 5	✓	✓	✓	✓		
Divided by the Vehicle\LE 2000\DIESEL INJECTION\140\D 0834 LFL02\BOSCH EDC MS 6.4	✓	✓	✓	✓		
Divided by the Vehicle\LE 2000\DIESEL INJECTION\180\D 0834 LFL03\BOSCH EDC MS 6.4	✓	✓	✓	✓		
Divided by the Vehicle\LE 2000\DIESEL INJECTION\225\BOSCH EDC MS 6.4	✓	✓	✓	✓		
Divided by the Vehicle\LE 2000\DIESEL INJECTION\250\BOSCH EDC MS 6.4	✓	✓	✓	✓		

Divided by the Vehicle\LE 2000\DIESEL INJECTION\255\BOSCH EDC MS 6.4	✓	✓	✓	✓		
Divided by the Vehicle\LE 2000\DIESEL INJECTION\280\BOSCH EDC MS 6.4	✓	✓	✓	✓		
Divided by the Vehicle\LE 2000\DIESEL INJECTION\280\BOSCH EDC MS 6.4 VERSION 1	✓	✓	✓	✓	A0009, A0010, A0011, A0012	
Divided by the Vehicle\LE 2000\DIESEL INJECTION\280\BOSCH EDC MS 6.4 VERSION 2	✓	✓	✓	✓	A0009, A0010, A0011, A0012	
Divided by the Vehicle\LE 2000\DIESEL INJECTION\285\BOSCH EDC MS 6.4	✓	✓	✓	✓		
Divided by the Vehicle\LE 2000\DIESEL INJECTION\285\BOSCH EDC MS 6.4 VERSION 1	✓	✓	✓	✓	A0009, A0010, A0011, A0012	
Divided by the Vehicle\LE 2000\DIESEL INJECTION\285\BOSCH EDC MS 6.4 VERSION 2	✓	✓	✓	✓	A0009, A0010, A0011, A0012	
Divided by the Vehicle\M 2000\Braking force support\Voith Retarder VERA 1 R115E	✓	✓	✓	✓		
Divided by the Vehicle\M 2000\Diesel injection system\264\D 0826 LF17\BOSCH EDC MS 5	✓	✓	✓	✓		
Divided by the Vehicle\M 2000 L\Braking force support\Voith Retarder VERA 1 R115E	✓	✓	✓	✓		
Divided by the Vehicle\M 2000 L Evolution\Braking force support\Voith Retarder VERA 1 R115E	✓	✓	✓	✓		
Divided by the Vehicle\M 2000 M\Braking force support\Voith Retarder VERA 1 R115E	✓	✓	✓	✓		
Divided by the Vehicle\M 2000 M Evolution\Braking force support\Voith Retarder VERA 1 R115E	✓	✓	✓	✓		
Divided by the Vehicle\M 90\Braking force support\Voith Retarder VERA 1 R115E	✓	✓	✓	✓		
Divided by the Vehicle\ME 2000\Diesel injection system\250\BOSCH EDC MS 6.4	✓	✓	✓	✓		
Divided by the Vehicle\ME 2000\Diesel injection system\280\BOSCH EDC MS 6.4	✓	✓	✓	✓		
Divided by the Vehicle\ME 2000\Diesel injection system\280\BOSCH EDC MS 6.4 VERSION 1	✓	✓	✓	✓	A0009, A0010, A0011, A0012	
Divided by the Vehicle\ME 2000\Diesel injection system\280\BOSCH EDC MS 6.4 VERSION 2	✓	✓	✓	✓	A0009, A0010, A0011, A0012	
Divided by the Vehicle\TGL(2020-)\Engine	✓	✓	✓	✓		
Divided by the Vehicle\TGL(2020-)\Exhaust gas aftertreatment	✓	✓	✓	✓		
Divided by the Vehicle\TGL(2020-)\Gearbox	✓	✓	✓	✓		
Divided by the Vehicle\TGL(2020-)\Continuous brake	✓	✓	✓	✓		
Divided by the Vehicle\TGL(2020-)\Instrumentation	✓	✓	✓	✓		
Divided by the Vehicle\TGL(2020-)\Electronic brake system	✓	✓	✓	✓		
Divided by the Vehicle\TGL(2020-)\Central on board computer	✓	✓	✓	✓		
Divided by the Vehicle\TGL(2020-)\Central on board computer, Bus/Coach	✓	✓	✓	✓		
Divided by the Vehicle\TGL(2020-)\Management computer	✓	✓	✓	✓		
Divided by the Vehicle\TGL(2020-)\Auxiliary management computer	✓	✓	✓	✓		
Divided by the Vehicle\TGL(2020-)\Radio navigation	✓	✓	✓	✓		
Divided by the Vehicle\TGL(2020-)\Telematics	✓	✓	✓	✓		
Divided by the Vehicle\TGL(2020-)\Energy Manager	✓	✓	✓	✓		
Divided by the Vehicle\TGL(2020-)\Cab air suspension strut	✓	✓	✓	✓	A0013, A0015	S0010
Divided by the Vehicle\TGL(2020-)\Battery energy storage	✓	✓	✓	✓		
Divided by the Vehicle\TGL(2020-)\Drive Motors	✓	✓	✓	✓		
Divided by the Vehicle\TGL(2020-)\Steered rear axle	✓	✓	✓	✓		
Divided by the Vehicle\TGL(2020-)\Active steering	✓	✓	✓	✓		

Divided by the Vehicle\TGL(2020-)\Electric air compressor	✓	✓	✓	✓		
Divided by the Vehicle\TGL(2020-)\Door control	✓	✓	✓	✓		
Divided by the Vehicle\TGL(2020-)\Universal mobile phone preparation	✓	✓	✓	✓		
Divided by the Vehicle\TGL(2020-)\Air conditioning system	✓	✓	✓	✓		
Divided by the Vehicle\TGL(2020-)\Auxiliary air heater,water	✓	✓	✓	✓		
Divided by the Vehicle\TGL(2020-)\Auxiliary air conditioning system	✓	✓	✓	✓		
Divided by the Vehicle\TGL(2020-)\Air management	✓	✓	✓	✓		
Divided by the Vehicle\TGL(2020-)\Airbag	✓	✓	✓	✓		
Divided by the Vehicle\TGL(2020-)\Customer's special module	✓	✓	✓	✓		
Divided by the Vehicle\TGL(2020-)\Lane departure warning system	✓	✓	✓	✓		
Divided by the Vehicle\TGL(2020-)\Radar sensor	✓	✓	✓	✓		
Divided by the Vehicle\TGL(2020-)\Converter clutch unit	✓	✓	✓	✓		
Divided by the Vehicle\TGL(2020-)\Tyre pressure monitor	✓	✓	✓	✓		
Divided by the Vehicle\TGL(2020-)\Engageable all wheel drive	✓	✓	✓	✓		
Divided by the Vehicle\Man engine (Latin America)\EDC Engine	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\MEXICO VOLKS-BUS\EDC ENGINE (Automatic detection)	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\MEXICO VOLKS-BUS\Central computer,marine and auxiliary engines\CNG gas engine control\Gas ME 7,Bosch	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\MEXICO VOLKS-BUS\Central computer,marine and auxiliary engines\EDC\EDC, Bosch	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\MEXICO VOLKS-BUS\Central computer,marine and auxiliary engines\EDC\Master, Bosch	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\MEXICO VOLKS-BUS\Central computer,marine and auxiliary engines\EDC\Slave, Bosch	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\MEXICO VOLKS-BUS\Central computer,marine and auxiliary engines\FFR/PTM/MFR\VDO FFR	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\MEXICO VOLKS-BUS\Central computer,marine and auxiliary engines\FFR/PTM/MFR\PTM	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\MEXICO VOLKS-BUS\Central computer,marine and auxiliary engines\FFR/PTM/MFR\Engine management computer (MFR)	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\MEXICO VOLKS-BUS\Central computer,marine and auxiliary engines\MAN Marine Diagnose System\MAN Marine Diagnostic System(MMDS)	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\MEXICO VOLKS-BUS\Central computer,marine and auxiliary engines\Ship vehicle management computer(SFFR)	✓	✓	✓	✓	✓	✓
Divided by the Vehicle\VW vehicle with Man engine	✓	✓	✓	✓	✓	✓
Divided by the System\Brake/Sustained-action brakes\EBS\EBS 2,WABCO	✓	✓	✓	✓	✓	✓
Divided by the System\Brake/Sustained-action brakes\EBS\EBS 2.2 KNORR\EBS/ESP commerical vehicle	✓	✓	✓	✓	✓	✓
Divided by the System\Brake/Sustained-action brakes\EBS\EBS 2.2 KNORR\EBS bus	✓	✓	✓	✓	✓	✓
Divided by the System\Brake/Sustained-action brakes\EBS\EBS 2.3,KNORR\EBS/ESP commerical vehicle	✓	✓	✓	✓	✓	✓
Divided by the System\Brake/Sustained-action brakes\EBS\EBS 2.3,KNORR\EBS bus	✓	✓	✓	✓	✓	✓
Divided by the System\Brake/Sustained-action brakes\EBS\EBS 5,KNORR	✓	✓	✓	✓	✓	✓
Divided by the System\Brake/Sustained-action brakes\ECAM\Haldex ECAM	✓	✓	✓	✓	✓	✓
Divided by the System\Brake/Sustained-action brakes\Sustained-action brakes\ZF Intarder	✓	✓	✓	✓	✓	✓
Divided by the System\Brake/Sustained-action brakes\Sustained-action brakes\Retarder R115E/R120-3/R133-2 Voith	✓	✓	✓	✓	✓	✓
Divided by the System\Brake/Sustained-action brakes\Sustained-action brakes\PriTarder (Voith water pump retarder)	✓	✓	✓	✓	✓	✓

Divided by the System\Brake/Sustained-action brakes\Sustained-action brakes\Intarder3	✓	✓	✓	✓	✓	✓
Divided by the System\Central computer/instrumentation\Customer's special module\VDO KSM	✓	✓	✓	✓	✓	✓
Divided by the System\Central computer/instrumentation\FFR/PTM/MFR\FFR Step VOD	✓	✓	✓	✓	✓	✓
Divided by the System\Central computer/instrumentation\FFR/PTM/MFR\FFR Step 12	✓	✓	✓	✓	✓	✓
Divided by the System\Central computer/instrumentation\FFR/PTM/MFR\Vehicle management computer Step 13	✓	✓	✓	✓	✓	✓
Divided by the System\Central computer/instrumentation\FFR/PTM/MFR\Vehicle management computer Step 13.5	✓	✓	✓	✓	✓	✓
Divided by the System\Central computer/instrumentation\Instrumentation\VDO-Kienzle instrumentation\VDO-Kienzle Baseline instrumentation	✓	✓	✓	✓	✓	✓
Divided by the System\Central computer/instrumentation\Instrumentation\VDO-Kienzle instrumentation\VDO-Kienzle Highline instrumentation	✓	✓	✓	✓	✓	✓
Divided by the System\Central computer/instrumentation\Instrumentation\Instrumentation Stoneridge Electronics\Combined Instrumentation	✓	✓	✓	✓	✓	✓
Divided by the System\Central computer/instrumentation\Instrumentation\Instrumentation Stoneridge Electronics\Instrumentation Stoneridge Electronics	✓	✓	✓	✓	✓	✓
Divided by the System\Central computer/instrumentation\Instrumentation\Instrumentation Stoneridge Electronics\Stoneridge Electronics Lowline electronics	✓	✓	✓	✓	✓	✓
Divided by the System\Central computer/instrumentation\Instrumentation\Instrumentation Stoneridge Electronics\Stoneridge Electronics Baseline instrumentation	✓	✓	✓	✓	✓	✓
Divided by the System\Central computer/instrumentation\Instrumentation\Instrumentation Stoneridge Electronics\Stoneridge Electronics Highline instrumentation	✓	✓	✓	✓	✓	✓
Divided by the System\Central computer/instrumentation\Wabco ZBR II	✓	✓	✓	✓	✓	✓
Divided by the System\Central computer/instrumentation\ZBR(central on board computer)\CBR II Wabco up to version E5	✓	✓	✓	✓	✓	✓
Divided by the System\Central computer/instrumentation\ZBR(central on board computer)\CBR II Wabco from version E6 onwards	✓	✓	✓	✓	✓	✓
Divided by the System\Central computer/instrumentation\ZBRO\ZBRO control unit software status 'ZR_103' or earlier	✓	✓	✓	✓	✓	✓
Divided by the System\Central computer/instrumentation\ZBRO\ZBRO control unit software status 'ZR_104' or earlier	✓	✓	✓	✓	✓	✓
Divided by the System\Central computer/instrumentation\ZBRO\ZBRO32	✓	✓	✓	✓	✓	✓
Divided by the System\Central computer/instrumentation\ZFR\Engine management computer (MFR)	✓	✓	✓	✓	✓	✓
Divided by the System\Central computer/instrumentation\ZFR\PTM	✓	✓	✓	✓	✓	✓
Divided by the System\Central computer/instrumentation\ZFR\ZFR MAN	✓	✓	✓	✓	✓	✓
Divided by the System\Central computer,marine and auxiliary engines\CNG gas engine control\Gas ME 7,Bosch	✓	✓	✓	✓	✓	✓
Divided by the System\Central computer,marine and auxiliary engines\EDC\EDC,Bosch	✓	✓	✓	✓	✓	✓
Divided by the System\Central computer,marine and auxiliary engines\EDC\Master,Bosch	✓	✓	✓	✓	✓	✓
Divided by the System\Central computer,marine and auxiliary engines\EDC\Slave,Bosch	✓	✓	✓	✓	✓	✓
Divided by the System\Central computer,marine and auxiliary engines\FFR/PTM/MFR\VDO FFR	✓	✓	✓	✓	✓	✓
Divided by the System\Central computer,marine and auxiliary engines\FFR/PTM/MFR\PTM	✓	✓	✓	✓	✓	✓
Divided by the System\Central computer,marine and auxiliary engines\FFR/PTM/MFR\Engine management computer (MFR)	✓	✓	✓	✓	✓	✓
Divided by the System\Central computer,marine and auxiliary engines\MAN Marine Diagnose System\MAN Marine Diagnostic System(MMDS)	✓	✓	✓	✓	✓	✓
Divided by the System\Central computer,marine and auxiliary engines\Ship vehicle management computer (SFFR)	✓	✓	✓	✓	✓	✓
Divided by the System\Climate control/auxiliary heaters\Air-conditioning/auxiliary air-conditioning/heating\Air-conditioning system KR 49x Bar	✓	✓	✓	✓	✓	✓
Divided by the System\Climate control/auxiliary heaters\Air-conditioning/auxiliary air-conditioning/heating\Air-conditioning system KR 49x Bader	✓	✓	✓	✓	✓	✓
Divided by the System\Climate control/auxiliary heaters\Air-conditioning/auxiliary air-conditioning/heating\Behr/GKR air-conditioning control	✓	✓	✓	✓	✓	✓
Divided by the System\Climate control/auxiliary heaters\Air-conditioning/auxiliary air-conditioning/heating\Behr independent air-conditioning system SKG	✓	✓	✓	✓	✓	✓
Divided by the System\Climate control/auxiliary heaters\Air-conditioning/auxiliary air-conditioning/heating\Heating/air conditioning/auxiliary air conditioning BHTC, Behr	✓	✓	✓	✓	✓	✓

Divided by the System\Climate control/auxiliary heaters\Additional heaters air or water\Airtronic D2/D4,Eberspacher	✓	✓	✓	✓	✓	✓
Divided by the System\Climate control/auxiliary heaters\Additional heaters air or water\Air Top 2000 OEM,Webasto	✓	✓	✓	✓	✓	✓
Divided by the System\Climate control/auxiliary heaters\Additional heaters air or water\Air Top 3500 ST,Webasto	✓	✓	✓	✓	✓	✓
Divided by the System\Climate control/auxiliary heaters\Additional heaters air or water\Air Top 3500,Webasto SG 11580	✓	✓	✓	✓	✓	✓
Divided by the System\Climate control/auxiliary heaters\Additional heaters air or water\Air Top 3500,Webasto SG 11580 old	✓	✓	✓	✓	✓	✓
Divided by the System\Climate control/auxiliary heaters\Additional heaters air or water\D1LC- / D3LC Compact, Eberspacher	✓	✓	✓	✓	✓	✓
Divided by the System\Climate control/auxiliary heaters\Additional heaters air or water\D1LC-/D3LC Compact(9A),Eberspacher	✓	✓	✓	✓	✓	✓
Divided by the System\Climate control/auxiliary heaters\Additional heaters air or water\Hydronic D5W,Eberspacher	✓	✓	✓	✓	✓	✓
Divided by the System\Climate control/auxiliary heaters\Additional heaters air or water\Hydronic 24/30/35, Eberspacher	✓	✓	✓	✓	✓	✓
Divided by the System\Climate control/auxiliary heaters\Additional heaters air or water\Thermo S, Spheros	✓	✓	✓	✓	✓	✓
Divided by the System\Climate control/auxiliary heaters\Additional heaters air or water\Thermo 50, Webasto	✓	✓	✓	✓	✓	✓
Divided by the System\Comfort/assistance/safety systems\ACC MAN	✓	✓	✓	✓	✓	✓
Divided by the System\Comfort/assistance/safety systems\Airbag\BOSCH airbag	✓	✓	✓	✓	✓	✓
Divided by the System\Comfort/assistance/safety systems\Door module\Berifors door module	✓	✓	✓	✓	✓	✓
Divided by the System\Comfort/assistance/safety systems\Door module\Door module TRW	✓	✓	✓	✓	✓	✓
Divided by the System\Comfort/assistance/safety systems\LGS (Lane Guard System)\LGS ITERIS	✓	✓	✓	✓	✓	✓
Divided by the System\Comfort/assistance/safety systems\Radarsensor	✓	✓	✓	✓	✓	✓
Divided by the System\Comfort/assistance/safety systems\Telematik Boardmodul (TBM) OHB	✓	✓	✓	✓	✓	✓
Divided by the System\Comfort/assistance/safety systems\Tire Pressure Monitor (TPM) Wabco	✓	✓	✓	✓	✓	✓
Divided by the System\Comfort/assistance/safety systems\Universal mobile phone preparation (UHV) FWD\EDC17	✓	✓	✓	✓	✓	✓
Divided by the System\Comfort/assistance/safety systems\Universal mobile phone preparation (UHV) FWD\EGC4	✓	✓	✓	✓	✓	✓
Divided by the System\Comfort/assistance/safety systems\Universal mobile phone preparation (UHV) FWD\Universal mobile phone preparation (UHV) FWD	✓	✓	✓	✓	✓	✓
Divided by the System\Engine / Exhaust post-treatment\EDC\EDC, Bosch	✓	✓	✓	✓	✓	✓
Divided by the System\Engine / Exhaust post-treatment\EDC\Master, Bosch	✓	✓	✓	✓	✓	✓
Divided by the System\Engine / Exhaust post-treatment\EDC\Slave, Bosch	✓	✓	✓	✓	✓	✓
Divided by the System\Engine / Exhaust post-treatment\CNG gas engine control\Gas ME 7, Bosch	✓	✓	✓	✓	✓	✓
Divided by the System\Engine / Exhaust post-treatment\CRT(self-cleaning particle filter)MAN\CRT(self-cleaning particle filter)MAN	✓	✓	✓	✓	✓	✓
Divided by the System\Engine / Exhaust post-treatment\CRT(self-cleaning particle filter)MAN\EDC17	✓	✓	✓	✓	✓	✓
Divided by the System\Engine / Exhaust post-treatment\CRT(self-cleaning particle filter)MAN\EGC4	✓	✓	✓	✓	✓	✓
Divided by the System\Engine / Exhaust post-treatment\AdBlue system\DENOX AdBlue System	✓	✓	✓	✓	✓	✓
Divided by the System\Engine / Exhaust post-treatment\AdBlue system\NONOX AdBlue system, Grundfos	✓	✓	✓	✓	✓	✓
Divided by the System\Engine / Exhaust post-treatment\MAN Engine\D2866L0H23\BOSCH EDC MS5 Euro II	✓	✓	✓	✓	✓	✓
Divided by the System\Engine / Exhaust post-treatment\MAN Engine\D2866L0H25\BOSCH EDC MS5 Euro II	✓	✓	✓	✓	✓	✓
Divided by the System\Engine / Exhaust post-treatment\MAN Engine\D2866L0H27\BOSCH EDC MS5 Euro III	✓	✓	✓	✓	✓	✓
Divided by the System\Engine / Exhaust post-treatment\MAN Engine\D2866L0H28\BOSCH EDC MS5 Euro III	✓	✓	✓	✓	✓	✓
Divided by the System\Engine / Exhaust post-treatment\MAN Engine\D2866L0H29\BOSCH EDC MS5 Euro III	✓	✓	✓	✓	✓	✓

Divided by the System\Engine / Exhaust post-treatment\MAN Engine\D2876L0H01\BOSCH EDC MS5 Euro II	✓	✓	✓	✓	✓	✓
Divided by the System\Engine / Exhaust post-treatment\MAN Engine\BOSCH EDC MS5/M(S) 5	✓	✓	✓	✓	✓	✓
Divided by the System\Gearbox\Powertrain\Gearbox\ASTRONIC ZF	✓	✓	✓	✓	✓	✓
Divided by the System\Gearbox\Powertrain\Gearbox\ASTRONIC mid ZF	✓	✓	✓	✓	✓	✓
Divided by the System\Gearbox\Powertrain\Gearbox\6AS 850 ASTRONIC lite ZF	✓	✓	✓	✓	✓	✓
Divided by the System\Gearbox\Powertrain\Gearbox\Ecomat 2/4 ZF	✓	✓	✓	✓	✓	✓
Divided by the System\Gearbox\Powertrain\Gearbox\DIWA.5 Voith Turbo	✓	✓	✓	✓	✓	✓
Divided by the System\Gearbox\Powertrain\Gearbox\EcoLife, ZF	✓	✓	✓	✓	✓	✓
Divided by the System\Gearbox\Powertrain\Gearbox\Traxon	✓	✓	✓	✓	✓	✓
Divided by the System\Gearbox\Powertrain\Hydro Drive MAN	✓	✓	✓	✓	✓	✓
Divided by the System\Gearbox\Powertrain\WSK\Torque converter and clutch system TC2ZF	✓	✓	✓	✓	✓	✓
Divided by the System\Gearbox\Powertrain\VSM\VSM SVDO	✓	✓	✓	✓	✓	✓
Divided by the System\Gearbox\Powertrain\VSM\TIPMATIC 3	✓	✓	✓	✓	✓	✓
Divided by the System\Hybrid components\DICO\DICO Siemens	✓	✓	✓	✓	✓	✓
Divided by the System\Hybrid components\EMU\EMU Energy Managment Unit	✓	✓	✓	✓	✓	✓
Divided by the System\Hybrid components\MT-Gateway	✓	✓	✓	✓	✓	✓
Divided by the System\Hybrid components\Vehicle elctrical system power converter	✓	✓	✓	✓	✓	✓
Divided by the System\Hybrid components\UCM Ultracap-Management	✓	✓	✓	✓	✓	✓
Divided by the System\Hybrid components>Wechselrichter\Wechselrichter 1	✓	✓	✓	✓	✓	✓
Divided by the System\Running gear\Steering\ECAS\ECAS/EFR	✓	✓	✓	✓	✓	✓
Divided by the System\Running gear\Steering\ECAS\ECAS CDC Wabco	✓	✓	✓	✓	✓	✓
Divided by the System\Running gear\Steering\ECAS\ECAS Wabco	✓	✓	✓	✓	✓	✓
Divided by the System\Running gear\Steering\ECAS\ECAS2 Wabco	✓	✓	✓	✓	✓	✓
Divided by the System\Running gear\Steering\ECAS\ECAS2 CDC Wabco	✓	✓	✓	✓	✓	✓
Divided by the System\Running gear\Steering\Rear axle steering\Rear axle steering	✓	✓	✓	✓	✓	✓
Divided by the System\Running gear\Steering\Rear axle steering\RAS-EC1 steering system, rear axle, ZF	✓	✓	✓	✓	✓	✓
Divided by the System\Running gear\Steering\Rear axle steering\Steering system(EHLA/ALA) Mobil Elektronik	✓	✓	✓	✓	✓	✓
Divided by the System\Man engine (Latin America)\EDC Engine	✓	✓	✓	✓	✓	✓
Hot functions\Reset Service(MIL)		✓	✓			✓
Hot functions\DPF Regenerate		✓	✓			✓
Hot functions\Fuel Injector Code		✓	✓			✓
Hot functions\Throttle matching						✓
Hot functions\Steering angle sensor						✓

Special Function Table	
S0001	Read service parameters
S0002	Reset service
S0003	Accelerator pedal calibration
S0004	Calibration
S0005	Roller dynamometer mode
S0006	Parameters



S0007	Check the pressure control module arrangement
S0008	Check wheel sensor arrangement
S0009	Roller test rig mode
S0010	Check the hold back circuit(backup)
S0011	Steering angle and yaw rate sensor calibration
S0012	Power test bench
S0013	Parameter
S0014	Dynamometer test rig
S0015	Delete safety error memory(Control Unit Reset)
S0016	Calibration pressure sensors
S0017	Enable ZF-CAN
S0018	Compression test
S0019	Rev-up test
S0020	Cylinder shut-off test
S0021	High-pressure test
S0022	Reset torque limiting and flashing MIL
S0023	Pressure-limiting valve(DBV) open test
S0024	Evaluation
S0025	Proportional valve with air shutoff valve
S0026	CAN switch teach-in
S0027	Activate trade show function
S0028	Deactivate trade show function
S0029	Minimise ZBRO32 after-running
S0030	Simulation trip
S0031	Governor linkage dynamics
S0032	Cylinder shut-off
S0033	Reset service(MIL)
S0034	Reset of the correction factor of the lambda/O2 sensor
S0035	Reset all values after replacing the soot particulate filter
S0036	Fill fuel line
S0037	Programming
S0038	Check clutch
S0039	Check speed
S0040	Modify vehicle id number
S0041	Tilt Sensor
S0042	Assignment tests
S0043	Safety error memory
S0044	ESP sensor calibration
S0045	Matching detection of pressure regulating module
S0046	Occupant protection circuit detection (backup)
S0047	Calibration ride height
S0048	Initial startup
S0049	Adblue metering module test
S0050	Checking the air lines(8 bar)
S0051	Maximum supply module quantity
S0052	Empty AdBlue circuit
S0053	Pump Motor Test
S0054	Heating Test
S0055	Air Unit Test
S0056	Dosing Quantities Test
S0057	Be Full Routine
S0058	Injector test
S0059	Particulate filter
S0060	Particulate Filter Regeneration Service
S0061	HCl system test
S0062	Resetting the learned values particle filter differential pressure sensor
S0063	Resetting learning values pressure relief valve
S0064	Micro-Dust Filter
S0065	Reset value when replacing diesel particulate filter
S0066	Reset value when replacing the muffler
S0067	Reset pressure restrict valve
S0068	Reset urea plausibility test
S0069	Resetting the values on silencer replacement
S0070	Reset pressure limiting valve
S0071	Reset AdBlue fluid plausibility test
S0072	Delete SPN 4685
S0073	Resetting air flow meter
S0074	Fan test
S0075	check the pressure control module arrangement
S0076	Stepper motor calibration
S0077	Automatic headlight beam regulation(for vehicles with leaf-air suspension only)
S0078	Engine oil level Euro 2/3
S0079	Engine oil level Euro 4
S0080	Engine oil level Euro 5
S0081	Brake pads
S0082	Clutch plate
S0083	Transmission oil level
S0084	Axle oil
S0085	Reducer oil level
S0086	First maintenance
S0087	Cooling system
S0088	Air filter
S0089	Compressed air drive
S0090	Additional rear axle steering oil level
S0091	WSK oil level
S0092	S12 Annual Maintenance
S0093	Hydraulic drive
S0094	Extra maintenance 1
S0095	Extra maintenance 2
S0096	Extra maintenance 3
S0097	Extra maintenance 4

S0098	Extra maintenance 5
S0099	Date of first registration
S0100	Transfer case oil
S0101	Steering oil of front axle
S0102	Inverter identification
S0103	Clutch functional test
S0104	Roller test bench mode
S0105	Particulate Filter Service Regeneration
S0106	Read,Write IQA Data
S0107	Routines

Active Test Table	
A0001	Safety valve
A0002	Speed timing device
A0003	Additional axle
A0004	Front axle,left side
A0005	Front axle,right side
A0006	Left side
A0007	Lifting air bag
A0008	Rear left axle
A0009	Rear right axle
A0010	Right side
A0011	Transversal damper
A0012	Upper and lower levels
A0013	Difference from standard level
A0014	Calibration of the acceleration sensors
A0015	Calibrate Front axle,left side
A0016	Calibrate Front axle,right side
A0017	Calibrate Rear left axle
A0018	Calibrate Real right axle
A0019	Calibrate Additional axle
A0020	Calibrate Lifting air bag
A0021	Calibrate Axles
A0022	Accumulator solenoid valve
A0023	Control unit power supply voltage,pressure sensors
A0024	Control unit pulse level
A0025	Liftable axle lift solenoid valve
A0026	liftable axle lower solenoid valve
A0027	Rear left axle solenoid valve
A0028	Rear right axle solenoid valve
A0029	Standard level indicator lamp
A0030	Level sensor calibration
A0031	Clutch servo
A0032	Fan clutch
A0033	FSL check LED
A0034	PTO 1
A0035	PTO 2
A0036	Low range
A0037	High range
A0038	Split low
A0039	Split high
A0040	Gate detent
A0041	Pressure-control modules
A0042	Check lamps and display message
A0043	Interface,ASR-engine regulator
A0044	Simulate for brake module
A0045	Redundancy test
A0046	Solenoid valve pressure regulator ECU Control
A0047	Pressure sensor circuit 21 Control
A0048	Pressure sensor circuit 22 Control
A0049	Pressure sensor circuit 23 Control
A0050	Pressure sensor circuit 24 Control
A0051	Solenoid valve regeneration ECU Control
A0052	Solenoid valve rear axle left
A0053	Solenoid valve rear axle right
A0054	Solenoid valve reservoir
A0055	Solenoid valve raise lifting axle
A0056	Solenoid valve lower lifting axle
A0057	Electrical power supply control unit ,pressure sensors
A0058	Level pulse control unit
A0059	Warning light normal level
A0060	Solenoid valve lifting axle left
A0061	Solenoid valve lifting axle right
A0062	Solenoid valve lifting axle bellows
A0063	Solenoid valve front axle
A0064	All valves(automatic test)
A0065	Gearshift valves(single test)
A0066	Clutch valves(single test)
A0067	Engine connection
A0068	Valve activation
A0069	Gearshift
A0070	Solenoid input coupling
A0071	Through-clutch solenoid
A0072	Solenoid valve high range clutch
A0073	Pump brake solenoid
A0074	Reverse gear brake solenoid small piston(RBK)
A0075	Solenoid turbine brake
A0076	Solenoid valve converter pressure
A0077	Solenoid valve converter pressure control
A0078	Reverse gear brake solenoid large piston(RRG)

A0079	Activated solenoid valve ZP1 Y385, pin IV/11
A0080	Activated solenoid valve KH Y384, pin IV/7-pin III/5
A0081	Activated solenoid valve ZP2 Y386, pin IV/2-pin IV/6
A0082	Activated solenoid valve ZP3 Y387, pin III/13
A0083	Fan control, MAN HydroDrive, pin III/10
A0084	MAN Hydro Drive fan activation, pin III/10
A0085	Exhaust gas recirculation activation
A0086	Accumulator charge valve
A0087	Proportional valve
A0088	Activate proportional valve
A0089	Activated SW valve
A0090	Activated DvK valve
A0091	Start test
A0092	Pointer instruments
A0093	LED displays
A0094	LCD displays
A0095	PWM channels/buzzer
A0096	Stepper motors
A0097	LED indicator
A0098	Dimming
A0099	Lighting
A0100	Miscellaneous
A0101	Gearbox in neutral
A0102	ABS active
A0103	Earth switch, adjustable parameters
A0104	Parking brake
A0105	Service brake
A0106	Reverse
A0107	Clutch
A0108	Switch terminal 30, adjustable parameters
A0109	Ready to operate
A0110	Tank warning light
A0111	Checklamp
A0112	Engine revs output on/off
A0113	PWM output configurable
A0114	Earth switch 3, adjustable parameters
A0115	Earth switch 2, adjustable parameters
A0116	Earth switch 1, adjustable parameters
A0117	Switch 1 terminal 30, adjustable parameters
A0118	Switch 2 terminal 30, adjustable parameters
A0119	Switch 3 terminal 30, adjustable parameters
A0120	Switch 4 terminal 30, adjustable parameters
A0121	PTO 3 (KSM, customer-specified module) activation
A0122	Switch 5 terminal 30, adjustable parameters
A0123	Window lifters
A0124	Main mirrors
A0125	Panorama mirrors
A0126	Kerb mirror
A0127	Mirror heating
A0128	Central locking
A0129	Sun blind
A0130	Mirror
A0131	Test signal
A0132	Test radio muting
A0133	Microphone test
A0134	Routine
A0135	Flow regulator
A0136	Preliminary stroke controller
A0137	Exhaust gas recirculation
A0138	Diagnosis lamp
A0139	Engine brake
A0140	Pump fuel supply
A0141	Stop brake
A0142	Left loudspeaker
A0143	Right loudspeaker
A0144	Ignition cable navigation system (x7/pin 10) On
A0145	Ignition cable navigation system (x7/pin 10) Off
A0146	Ignition cable telephone (x5/pin 7) On
A0147	Ignition cable telephone (x5/pin 7) Off
A0148	Glow element test
A0149	Blower motor test (0%-100%)
A0150	Metering pump test
A0151	Servo assisted gear shifting
A0152	Auxiliary power take-Off 1
A0153	Auxiliary power take-Off 2
A0154	Led of the particulate filter regeneration inhibition switch
A0155	Led of the emergency brake switch
A0156	Led of the lane detection system switch
A0157	Loudspeaker test
A0158	Activation button led for the vehicle rollover control function
A0159	Led power take-off 1
A0160	Led power take-off 2
A0161	Engine Oil Circuit
A0162	Battery Cooling Circuit
A0163	Component Cooling Circuit
A0164	Pop-Up Roof Opening
A0165	Pop-Up Roof Closing
A0166	Tail Lift
A0167	Windscreen Wiper Pump
A0168	Windscreen Wiper Position 1
A0169	Windscreen Wiper Relay (Speed 1 Or 2)

A0170	Relay, Pin 15
A0171	Work Headlamps 1
A0172	Internal Compartment Lighting
A0173	Ambient Lighting, Storage Box Area
A0174	Additional High Beam Headlamp Relay
A0175	Indicator light and display information
A0176	Empty pressure accumulator
A0177	Fill pressure accumulator
A0178	Contactors counters
A0179	Ultra Cap fan test
A0180	Bleed valve (AdBlue) in supply module
A0181	Pump activation in the supply module
A0182	Metering module
A0183	Coolant valve for AdBlue heating circuit
A0184	AdBlue main filter and pump heating
A0185	Heating of AdBlue lines in the supply module
A0186	Pump Motor Test
A0187	Heating Test
A0188	Air Unit Test
A0189	Charge air throttle flap
A0190	High pressure wastegate
A0191	EGR flap
A0192	Low pressure wastegate
A0193	Engine brake butterfly
A0194	Throttle valve
A0195	Wastegate
A0196	Blow-in valves
A0197	Throttle circulating air valve
A0198	Solenoid shut-off valve gas low-pressure
A0199	Charge Air Throttle
A0200	High-Pressure Waste Gate
A0201	Engine Brake Flap/Exhaust Throttle Valve
A0202	Adblue Tank Heater Valve
A0203	Compression Test
A0204	Low pressure waste gate
A0205	High pressure waste gate
A0206	Engine braking flap/motor Jam door
A0207	Safety solenoid valve
A0208	Exhaust recirculation valve
A0209	Reset service
A0210	Read service parameters
A0211	Readout customer specific maintenance parameters
A0212	Change engine oil quality
A0213	Change gearbox oil quality
A0214	Change rear axle oil quality
A0215	Check lamps and display messages
A0216	Simulate foot brake module
A0217	mirrors
A0218	Panorama Mirrors
A0219	Bleed valve(AdBlue) in supply module
A0220	Gearshift valves
A0221	Clutch valves
A0222	Compressor clutch ON/OFF
A0223	Compressor clutch does not disengage
A0224	Solenoid valve ON/OFF
A0225	Solenoid valve does not disengage
A0226	Solenoid valve does not engage
A0227	Recirculation ventilation flap
A0228	Bypass flap
A0229	Blower voltage
A0230	Stepper motor side nozzle
A0231	Stepper motor recirculated air
A0232	Stepper motor air distribution
A0233	Stepper motor bypass
A0234	Stepper motor butterfly valve
A0235	Compressor
A0236	Switch heater on/off
A0237	Engine air flow sensor with compressed air supply
A0238	Engine air flow sensor flap with compressed air supply
A0239	Blower
A0240	Flaps
A0241	Valves
A0242	Entrance and side wall heater
A0243	Other outputs
A0244	functions refrigerant circuit without engine
A0245	Solenoid valve
A0246	Stepper motor valve B
A0247	Stepper motor valve C
A0248	Main pump
A0249	Recirculating pump
A0250	Trailer control module
A0251	Reset regeneration prohibition
A0252	Reset the read data stream that has been canceled regeneration
A0253	The read data stream is reset too frequently to regenerate
A0254	Reset the differential pressure sensor
A0255	Diagn. light
A0256	Pump power