

Schematic Number (Número do diagrama)	Electrical Diagram Specification (Especificacion Diagrama Elétrico)	Pages (Páginas)
A 384 546 01 00	Electric Diagram Index Índice Diagrama Eletrico	1
A 384 546 02 00	Legend of Components Legenda de Componentes	7
A 384 546 03 00	Power and Distribution with Relay KL.15 - 300A - (Cancelado/Canceled) Energia e Distribuição com Relé KL. 15 - 300A - (Cancelado/Canceled)	1
A 384 546 06 00	Power and Distribution with 300A - KL. 15 relay + Emergency System Energia e Distribuição com Relé KL. 15 - 300A + Sistema de Emergência	1
A 384 546 07 00	Power and Generation with 3 Generators of 80A / 100A / 150A LIN (Rear with EAM) Geração e Energia com 3 Alternadores de 80A / 100A / 150A LIN (Rear with EAM)	1
A 384 546 08 00	Power and Generation with 3 Generators of 80A / 100A / 150A Geração e Energia com 3 Alternadores de 80A / 100A / 150A	1
A 384 546 09 00	Power and Generation with 3 Generators of 80A / 100A / 150A LIN (Front Engine without EAM) Geração e Energia com 3 Alternadores de 80A / 100A / 150A LIN (Motor dianteiro without EAM)	1
A 384 546 10 00	Mercedes-Benz Ignition Switch Mercedes-Benz Ignition Switch	1
A 384 546 11 00	Engine Manage System (MR2@ Module) Sistema de Gerenciamento do motor (Modulo MR2@)	1
A 384 546 13 00	Vehicle Management System (CPC Module) - CPC5 Sistema de Gerenciamento do Veículo (Módulo CPC) - CPC5	2
A 384 546 17 00	Câmbio Automático Allison (T 270 R / B 300 R) Câmbio Automático Allison (T 270 R / B 300 R)	2
A 384 546 18 00	Diagnose Diagnose	1
A 384 546 19 00	Star point Ponto Estrela	6
A 384 546 20 00	Allison Automatic Transmission (S2100) Câmbio Automático Allison (S 2100)	2
A 384 546 22 00	Leveling System (NR) for 2 Axles (or Front Articulated Vehicle) Sistema de Nivelamento (NR) para 2 Eixos (ou Articulado veículo Dianteiro)	2
A 384 546 23 00	Leveling System (NR) for 3rd Axle (only for Rear Articulated Vehicle) Sistema de Nivelamento (NR) para 3º Eixo (Somente Articulado Veículo Traseiro)	1
A 384 546 24 00	Engine Brake, Reversing Lights and Brakes (without BS System) Freio Motor, Luzes de Ré e Freio (sem Sistema BS)	2
A 384 546 25 00	Delimitation Lights, Headlights and Instrument Cluster Illumination Luzes de Delimitação, Faróis e iluminação do Painel de Instrumentos	1
A 384 546 26 00	Hazard Flasher and Turn Indicator Lights Luzes de Advertência e de Direção	1
A 384 546 27 00	ZF Ecolife and Voith Diwa Automatic Gearbox Câmbio Automático ZF Ecolife e Voith Diwa	2
A 384 546 29 00	APU System (Air Pressure Unit), Parking Brake and Air Dryer Sistema APU, Freio de Estacionamento e Secador de Ar	2
A 384 546 31 00	Windshield Washer and Wiper Limpador e Lavador do Pára-Brisas	1
A 384 546 32 00	Blind Spot Assist Assistência para ponto cego	1
A 384 546 33 00	Electric and Pneumatic Horn Buzina Elétrica e Pneumática	1
A 384 546 34 00	Warning Fire Sensor in Engine Compartment Sensor de Aviso de Incêndio no Compartimento do Motor	1
A 384 546 35 00	Spare Connector for Bodybuilder X2811 Conector de Espera para Encarroçamento X2811	1
A 384 546 36 00	Motor Control Module (MCM) Modulo De Controle do Motor (MCM)	1

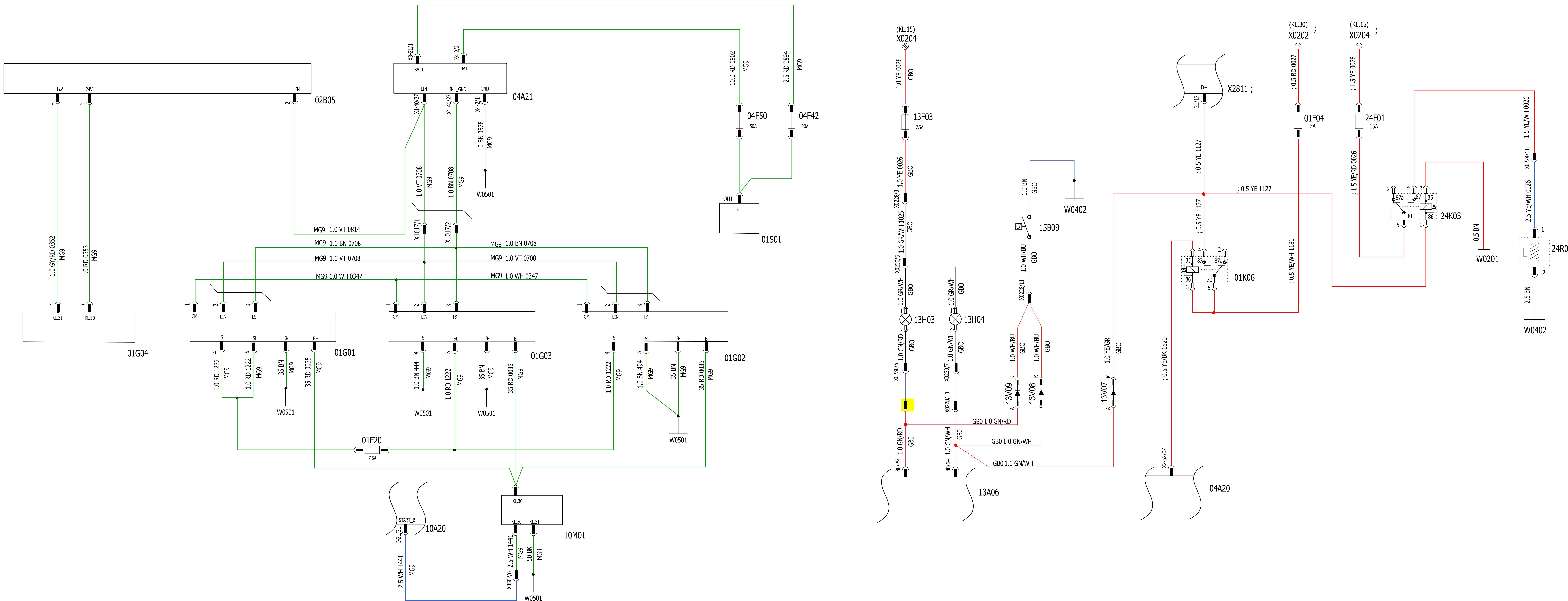
Schematic Number (Número do Diagrama)	Electrical Diagram Specification (Especificacion Diagrama Elétrico)	Pages (Páginas)
A 384 546 39 00	Retarder Activation Switch Alavanca da Ativação do Retarder	1
A 384 546 41 00	Brake Pad Wearing System (Disc Brake - Switches + Sensors) Sistema de Desgaste de Pastilhas (Freios a Disco - Interruptores + Sensores)	1
A 384 546 42 00	SCR (Selective catalytic reduction) System (Euro V) Sistema SCR (Redução Catalítica Seletiva) (Euro V)	1
A 384 546 44 00	Articulation System Sistema de Articulação	2
A 384 546 46 00	Sistema de Freio ponto de parada (CPC) Bus stop Brake system (CPC)	1
A 384 546 52 00	Fuel Filter with Warming System Filtro Separador de Combustível com Aquecimento	1
A 384 546 54 00	Electronic Brake System (EBS) Sistema Eletrônico de Frenagem (EBS)	3
A 384 546 58 00	Telma Retarder Retarder Telma	1
A 384 546 65 00	Additional Steering Axle Module (ASA) Módulo de eixo de direção adicional (ASA)	1
A 384 546 68 00	GPS Control Module (CTP) Rastreador (CTP)	2
A 384 546 72 00	Gearbox Automated System - AGSII Sistema Cambio Automatizado - AGSII	1
A 384 546 73 00	Gearboz ZF-TRAxon Cambio ZF-TRAxon	1
A 384 546 75 00	After Treatment Control Module (ACM) Modulo de controle de pos tratamento (ACM)	2
A 384 546 85 00	TPMS - Tyre pressure monitoring system Sistema de monitoramento de pressão nos pneus	1
A 384 546 86 00	ABS / ASR System Global Sistema ABS / ASR Global	1
A 384 546 88 00	LDWS System Sistema alerta saída de faixa - LDWS	1
A 384 546 89 00	AEBS System Sistema AEBS	1
A 384 546 90 00	Controle Inteligente do Power-train predictivo (IPCC) Controle Inteligente do Power-train predictivo (IPCC)	1
A 384 546 91 00	Recuperation Module RKM Modulo de recuperacao RKM	
A 384 546 92 00	MSF - Modular Switch Field Interruptores Modulares	1
A 384 546 93 00	CGW - Central Gateway Roteador(!) Central	1
A 384 546 94 00	ASAM - Sensor Actuator Module Modulo de Atuadores e Sensores- ASAM	1
A 384 546 95 00	Instrument Cluster (ICUC) and Tachograph Painel de Instrumentos (ICUC) e Tacografo	1
A 384 546 96 00	Control Unit Steering Wheel Angle Sensor (SAS) Sensor de angulo do volante	1
A 384 546 97 00	Main Power Distribution Box (MPD) Caixa principal de distribuição de energia (MPD)	2
A 384 546 98 00	Trailer illumination plug Tomada reboque	1
A 384 546 99 00	Electronic Air Processing Unit (EAPU) Sistema EAPU	1

1	2	3	4	5	6	7	8	9	10	11	12
①											
A	Item	page (s)	Description	Descrição							
01F01	06/97	Starter Motor fuse KL.30 Battery Box	Fusível do motor de partida KL.30 da caixa de bateria								
01F02	06/97	Main Fuse KL.15	Fusível principal KL.15								
01F04	07/08/09	Fuse Terminal D+	Fusível do terminal D+								
01F05	13	KL.30 CPC5 fuse	KL.30 CPC3								
01F06	13	KL.15 CPC5 fuse	KL.15 CPC3								
01F07	6	Main Fuse KL.30 Battery Box	Fusível principal KL.30 da caixa de bateria								
01F10	42/97	MR engine control main fuse	Fusível principal unidade de controle do motor MR								
01F13	06/97	KL.30/2 main distributor fuse	Fusível distribuidor principal KL.30/2								
01F20	07/08	Alternator voltage sensing fuse	Fusível KL.15 do alternador (IBS)								
01F34	97	Fuse KL30 bodybuilder	Fusível KL30 encarrocador								
01F60	97	Fuse KL15 bodybuilder	Fusível KL15 encarrocador								
01G01	07/08/09/	Alternator 1 (Main)	Alternador principal								
01G03	07/08/09	Alternator 3 (A/C)	Alternador 3 (ar condicionado)								
01G04	06/07/09/97	Battery 1	Bateria 1								
01G05	06/97	Battery 2	Bateria 2								
01G15	06/91/97	Energy Recovery Module (RKM)	Módulo de Recuperação de Energia (RKM)								
01K01	06/97	Additional relay terminal KL.15	Terminal de relé adicional KL.15								
01K02	97	Starter battery relay	Relé de partida								
01K05	97	Battery isolating switch	Interruptor de isolamento da bateria								
01K06	07/08/09	Relay D+	Relé D+								
01K12	06	Relay Grid Heater	Relé do grid heater								
01S01	06/07/1997	Main manual battery switch	Chave geral mecânica da bateria								
01S04	10	Drive/start switch	Interruptor de partida								
02A01	jun/94	Battery load monitoring control unit- Intelligent Battery Sensor (IBS)	Unidade de controle de monitoramento de carga de bateria - Sensor Inteligente de Bateria (IBS)								
02B05	07/09	intelligent Battery sensor	sensor de bateria inteligente								
02N01	32	24V / 12V voltage converter	Conversor de tensão 24/12V								
03F01	06/97	Main Security Switch Fuse	Fusível principal do interruptor de segurança								
03F02	97	Fuse emergency shutoff KL.30	Fusível desligamento de emergência KL.30								
03K01	06/97	Main Isolator Switch Relay	Relé isolador do interruptor principal								
03S01	06/97	Main Isolate Switch	Interruptor de isolamento principal								
03V01	97	Safety master switch LED-MPD power indicator	Indicador da alimentação LED-MPD do interruptor mestre de segurança								
04A20	06/07/08/09/10/17/19/24/25/26/29/31/33/34/35/39/41/46/88/89/92/94/95/97/98	Advanced Sensor Actor Modul (ASAM)	Módulo Avançado de Sensores e Atuadores (ASAM)								
04A21	07	Extended activity module (EAM)	Módulo de Atividade Prolongada (EAM)								
04A24	19/	Control device EAM_Extended Activity Module 4	Módulo de Atividade Prolongada (EAM4)								
04F18	06/97	Advanced Sensor Actor Modul (ASAM) KL.30 Fuse	Fusível KL.30 do Módulo Avançado de Sensores e Atuadores (ASAM)								
04F19	06/97	Advanced Sensor Actor Modul (ASAM) KL.30 Fuse	Fusível KL.30 do Módulo Avançado de Sensores e Atuadores (ASAM)								
04F20	06/24/97	Advanced Sensor Actor Modul (ASAM) KL.30 Fuse	Fusível KL.30 do Módulo Avançado de Sensores e Atuadores (ASAM)								
04F42	07	EAM Extended Activity Module fuse link 1	Módulo de Atividade Prolongada (EAM) fusível								
04F50	07	EAM Extended Activity Module fuse link 1	Módulo de Atividade Prolongada (EAM) fusível								
05A02	18/19/93	Central gateway CGW	Gateway central CGW								
05F01	18	KL.15 signal for diagnose connector	Sinal KL.15 do conector de diagnose								
05F02	18	KL.30 signal for diagnose connector	Sinal KL.30 do conector de diagnose								
05F03	93	CAN gateway KL30 fuse	Fusível KL.30 da CAN do Gateway								
05X04	11/18	Diagnose connector	Tomada de diagnose								
08F31	91	KL.15 recuperation module (RKM) fuse	Fusível do módulo de recuperação KL.15 (RKM)								
08F49	03/06/97	Energy Recovery Module (RKM) KL.30 Fuse	Fusível KL.30 do Módulo de Recuperação de Energia (RKM)								
10A01	11/18/19/42/94/97	MR control unit	Unidade de controle MR								
10A13	35	Alcohol interlock	Bloqueio de álcool								
10A20	03/06/07/08/09/10/19/36/94/97	Motor Control Module (MCM)	Módulo de controle de motor (MCM)								
10A30	88	Front radar sensor (RDF) control unit	Unidade de controle do sensor de radar frontal (RDF)								
10A31	19/32/89	Control unit Central driver assistance system VRDU	Sistema central de assistência ao condutor (VRDU)								
10A33	08/13/19	Common Powertrain Controller CPC5	Módulo de controle comum do powertrain (CPC5)								
10B03	13	Foot throttle actuator	Atuador do pedal do acelerador								
10B04	94	Outside temperature sensor	Sensor da temperatura externa								
10B06	11	Engine oil pan level sensor	Sensor de nível de óleo do motor								
10B08	11	Engine coolant Temperature sensor	Sensor de temperatura do refrigerante do motor								
10B13	11	Fuel temperature sensor	Sensor de temperatura do combustível								
10B14	11	Crankshaft position sensor	Sensor de posição do vibrarequis								
10B15	11	Cylinder 1 TDC sensor	Sensor TDC de cilindro 1								
10B16	11	Oil Pressure / temperature sensor	Sensor de pressão /temperatura do óleo								
10B17	11	Charge- air pressure / temperature sensor	Carga- pressão do ar / sensor de temperatura								
10B19	13	Air cleaner maintenance switch	Interruptor de manutenção do filtro de ar								
10F28	88	KL.15 fuse driver assistance system control unit VRDU	Fusível KL.15 da unidade de controle do sistema de assistência do driver (VRDU)								
10F51	06/97	Motor Control Module (MCM) KL.30 Fuse	Fusível KL.30 do Módulo de controle de motor (MCM)								
10F62	88	KL.30 fuse driver assistance system control unit VRDU	Fusível KL.30 da unidade de controle do sistema de assistência do driver (VRDU)								
10F64	52	Fuel filter heating fuse	Fusível de aquecimento do filtro de combustível								
10F72	06	Aftertreatment Control Module (ACM) KL.15 fuse	Fusível KL.15 do Módulo de controle de pós-tratamento (ACM)								
10M01	06/07/08/09/11/58/97	Starter Motor	Motor de partida								
10R03	46	CAN J1939 termination resistor	Resistor final do CAN J1939								
10R18	52	Fuel filter heating resistance	Resistência do aquecimento do filtro de combustível								
10S01	94	Engine compartment starter interlock switch	Interruptor do bloqueio de partida na tampa traseira								
10S16	11	Start-stop switch	Interruptor de partida- parada								
10Y11	11	Cylinder 1 plug-in pump	Bomba de plug-in do cilindro 1								
10Y12	11	Cylinder 2 plug-in pump	Bomba de plug-in do cilindro 2								
10Y13	11	Cylinder 3 plug-in pump	Bomba de plug-in do cilindro 3								
10Y14	11	Cylinder 4 plug-in pump	Bomba de plug-in do cilindro 4								
10Y15	11	Cylinder 5 plug-in pump	Bomba de plug-in do cilindro 5								
10Y16	11	Cylinder 6 plug-in pump	Bomba de plug-in do cilindro 6								
11Y01	11	Constant throttle valve	Válvula de aceleração constante								
11Y02	11	Exhaust flap valve	Válvula de escape								
12A10	19	Transmission control unit TCM	Unidade de controle de transmissão TCM								
12A11	19/35/72	Transmission control unit (TCM)	Unidade de controle de transmissão (TCM)								
12B01	13	ZF Traxon gearbox	Caixa de câmbio ZF Traxon								
12B03	39	Transmission input speed sensor	Sensor de velocidade de entrada de transmissão								
12B05	13/72	1st gear position sensor	Sensor de posição de engrenagem 1ª marcha								
12B06	72	Clutch position sensor	Sensor de posição da Embreagem								
12B13	72	Transmission temperature sensor	Sensor de temperatura trasmission								
12B14	29	Counter shaft speed sensor	Sensor de velocidade contra								

Item	page (s)	Description	Descrição
13F06	73	Intarder fuse KL 15	Fusível KL15 intarder
13F12	73	Transmission fuse KL30	Fusível de transmissão KL30
13H03	07/09	Transmission malfunction indicator lamp	Lâmpada indicadora de mau funcionamento da transmissão
13H04	07/09	Transmission oil temperature indicator lamp	Lâmpada indicadora de temperatura do óleo de transmissão
13H07	20	indicator light fault gear shift	lampada indicador de falha mudança de marcha
13H08	20	Indicator light switch lock	Luz indicador de bloqueio do interruptor
13S01	17/27/35	Transmission gear selection switch	Interruptor de seleção de marchas de transmissão
13S02	73	Power mode switch	Interruptor de modo de alimentação
13V07	07/09/	Transmission oil temperature diode	Díodo de temperatura do óleo de transmissão
13V08	07/09	Transmission oil temperature diode	Díodo de temperatura do óleo de transmissão
13V09	07/09	Transmission malfunction diode	Díodo de mau funcionamento da transmissão
13Y04	17/	Retarder reservoir solenoid valve	Válvula solenoide do reservatório do retarder
14A02	19/58	Electromagnetic retarder unit	Retarder eletromagnético unidade de control
14A06	19	Retarder control unit Voith RCM	Unidade de controle retarder Voith RCM
14A07	19	ZF intarder	ZF intarder
14A07	73	Intarder 3 ECU	Unidade de controle intarder 3
14B01	17/73	Retarder coolant temperature sensor	Sensor de temperatura do retarder
14B02	17/73	Retarder oil temperature sensor	Sensor de temperatura do óleo do retarder
14F02	58	KL 15 retarder fuse	Fusível de retarder KL 15
14L01	58	Telma retarder	Telma retarder
14S01	39	Permanent brake lever switch	Chave de alavanca de freio contínuo
14S03	24	Continuos exhaust brake switch	Interruptor de desacoplamento do freio contínuo
14Y05	17/	Retarder proportioning valve	Válvula de proporção do retarder
14Y06	73	Proportional solenoid control valve	Válvula de controle de solenoide proporcional
14Y07	73	Proportional solenoid switching valve	Válvula de comutação
15B01	13	Coolant container fill level sensor	Sensor de nível do tanque de arrefecimento
15B09	07/09/20	Heating flange housing temperature sensor Allison Transmission	Interruptor para indicação de superaquecimento do óleo do câmbio Allison
15B18	20	Oil Cooler temperature sensor	Sensor de temperatura do refrigerador de óleo
15F10	06/97	KL.15 Fuel cutoff valve fuse	Fusível da válvula de corte de combustível KL.15
15F29	20	Oil cooling fan moto fuse	Fusível do motor do ventilador de resfriamento de óleo
15F31	20	Timer relay fuse	Fusível de relé do temporizador
15K08	20	Additional radiator system relay	Relé adicional do sistema do radiador
15K19	20	Timer relay for fan	Relé de temporizador para ventilador
15M03	20	Oil cooling fan motor	Motor de ventilador de resfriamento de óleo
15Y32	11	Fan Clutch	Embreagem de ventilador
15Y32	36	Fan connector	Válvula solenoide para acoplamento viscoso do motor de refrigeração
17A01	42	Frame module selective catalytic reduction (SCR) control unit	Unidade de controle de redução catalítica seletiva (SCR) do módulo de quadro
17A03	06/19/75/97	After treatment Control Module (ACM)	Módulo de controle de pós-tratamento (ACM)
17B01	42	Intake air duct humidity/temperature sensor	Sensor de umidade/temperatura do duto de ar de admissão
17B02	42	Adblue tank fill level/temperature sensor	Sensor de enchimento do tanque adblue/sensor de temperatura
17B03	42/75	Temp sensor exhaust gas downstream of SCR catalytic converter	Sensor de temperatura de escape entrada de conversor catalítico SCR
17B04	42	Temp sensor , exhaust gas upstream of SCR catalytic converter	Sensor de temperatura, gás de escape a saída do conversor catalítico SCR
17B05	11	AdBlue Pressure Line sensor	Sensor da linha de pressão AdBlue
17B07	11	AdBlue	sensor Sensor de temperatura da Linha AdBlue
17B08	42/75	Nitrogen oxides sensor	Sensor de óxidos de nitrogênio
17B09	75	Exhaust temperature sensor upstream of Diesel oxidation catalytic converter	Sensor de temperatura do gás do escapamento antes do catalisador de oxidação do diesel
17B10	75	Exhaust temperature sensor downstream of Diesel oxidation	Sensor de temperatura do gás do escapamento depois do catalisador de oxidação do diesel
17B13	75	Exhaust gas temperature sensor to Diesel	Sensor de temperatura do gás de escapamento para o DPF
17B16	75	Nitrogen oxides sensor before	Sensor de óxido de nitrogênio antes do catalisador SCR
17B20	75	Soot particle sensor	Sensor de partículas de fuligem
17B22	75	Differential pressure sensor	Sensor de pressão diferencial do DPF
17B23	75	Sensor UQLS	Sensor de nível de qualidade de ureia
17F01	42	SCR exhaust gas	Fusível da linha de fornecimento de gases de escape SCR KL15
17F02	06/42	Aftertreatment Control Module (ACM) KL..30 fuse/ SCR KL.30 Fuse	Fusível KL..30 do Módulo de controle de pós-tratamento (ACM)
17F10	42/97	Fuse ACM aftertreatment	Fusível ACM pós-tratamento KL 15 /
17F11	97	Fuse ACM KL30	Fusível ACM KL30
17M01	42	Adblue pump motor	Motor de bomba adblue
17M03	75	Motor AdBlue Supply unit	Motor da unidade de fornecimento de AdBlue
17R05	11	SCR unit dosad. Resistance heater	Unidade de dosagem
17S02	75	Switch DPF lock / activation regeneration	Interruptor de bloqueio (DPF) / regeneração de ativação
17V01	75	Exhaust after treatment lamp/diode	Lâmpada / diodo do escape do pós-tratamento
17Y01	42	SCR exhaust aftertreatment	Válvula de ar comprimida de escape SCR comutada
17Y03	11	SCR exhaust aftertreatment	Válvula de medição Adblue sistema SCR
17Y04	42	SCR exhaust aftertreatment disabled compressed air valve	SCR válvula de ar comprimido desativado
17Y06	75	Valve AdBlue Dosing unit	Válvula da unidade de dosagem AdBlue
20A01	19/54/94	Brake control unit EBS 3	Unidade de controle de freio (EBS3)
20A09	19/86/94	Central module GABS+_Global anti-lock braking system +	Unidade de controle do sistema de antibloqueio de freio GABS +
20B03	54	Brake control brake value sensor	Sensor do valor de frenagem
20B04	27	Neutral at standstill pressure switch	Interruptor (0,5bar) de detecção do acionamento do freio de serviço
20B05	54/86	Front Axle left revs sensor	Sensor de rotações do eixo dianteiro esquerdo
20B06	54/86	Front Axle right revs sensor	Sensor de rotações do eixo dianteiro direito
20B07	54/86	Rear drive axle left revs sensor	Sensor de rotações do eixo traseiro esquerdo
20B08	54/86	Rear drive axle right revs sensor	Sensor de rotações do eixo traseiro direito
20B09	54	Additional axle left revs sensor	Sensor adicional de rotações do eixo esquerdo
20B10	54	Additional axle right revs sensor	Sensor adicional de rotações do eixo direito
20B11	41	VA Left brake pad sensor front	Sensor do eixo dianteiro esquerdo da pastilha de freio
20B12	41	VA Right brake pad sensor front	Sensor do eixo dianteiro direito da pastilha de freio
20B13	41	AA Left brake pad sensor rear	Sensor do eixo traseiro esquerdo da pastilha de freio
20B14	41	AA Right brake pad sensor rear	Sensor do eixo traseiro direito da pastilha de freio
20B15	41	ZA Left brake pad sensor tag	Sensor do eixo adicional
20B16	41	ZA Right brake pad sensor tag	Sensor do eixo adicional
20B18	24	Parking brake pressure switch 1	Interruptor de pressão do freio de estacionamento 1
20B19	29	Spring actuator reserve pressure switch	Interruptor de pressão de reserva do atuador de mola
20B21	24	Parking brake pressure switch 3	Interruptor de pressão do freio de estacionamento 3
20B22	29	Brake circuit reserve pressure switch intermediateaxle	Interruptor de pressão de reserva do circuito de freio do eixo intermediário
20B24	24	parking brake pressure switch	interruptor de pressão do freio de estacionamento
20B29	41	Sensor brake pad 2 VA LI 2nd front	Sensor do eixo frontal
20B30	41	Sensor brake pad 2 VA RE 2nd front	Sensor do eixo frontal
20F04	54/86	EBS KL 30 fuse / ABS KL 30 fuse	Fusível KL..30 do EBS/ABS Global
20F10	96	fuse KL30 steering wheel angle sensor	Fusível KL..30 do sensor de ângulo do volante
20S03	54/86	ASR acceleration	Interruptor de regulação do deslizamento de aceleração (ASR)
20S04	54/86	ESP stability control switch	Interruptor de controle de estabilidade (ESP)
20Y02	54	Right front axle pressure control valve	Válvula de controle de pressão do eixo dianteiro direito
20Y03	54	Left front axle pressure control valve	Válvula de controle da pressão do eixo dianteiro esquerdo
20Y20/1	86	Rear axle valve package	RAVP (Eixo traseiro)
20Y20/2	86	Rear axle valve package	RAVP (Eixo dianteiro)

	1	2	3	4	5	6	7	8	9	10	11	12
A	Item	page (s)	Description	Descrição								
20Y23	54	Axle modulator, drive axle brake control	Modulador de eixo, controle de freio do eixo de transmissão									
20Y24	54	Axle modulator, additional axle brake control	Modulador de eixo, controle adicional de freio de eixo									
20Y26	86	dIBM digital footbrake valve ABS	Válvula de frenagem digital dIBM ABS									
20Y27	86	ESP_Electronic stability program CU ABS	Módulo de programa de estabilidade eletrônica (ESP)									
21A07	19/22/23/94	Control unit level CLCS	Unidade de controle Nível CLCS									
21A08	19/22/23	Control unit level CLCR	Unidade de controle Nível CLCR									
21B01	22	Right Front axle level control sensor VA	Sensor de controle de nível do eixo dianteiro direito									
21B02	22	Rear axle left ride height sensor HA	Sensor de altura do eixo traseiro esquerdo									
21B03	22	Rear axle right ride-height sensor HA	Sensor de altura do eixo traseiro direito									
21B05	23	MA left ride-height sensor	Sensor de altura esquerda									
21B06	23	MA right ride-height sensor	Sensor de altura direita									
21B07	22	Rear axle right air spring bellow pressure sensor HA	Sensor de baixa pressão da bolsa de ar do eixo traseiro direito									
21B08	22	Rear axle left air spring bellow pressure sensor HA	Sensor de baixa pressão da bolsa de ar do eixo traseiro esquerdo									
21B09	22	Front axle air spring bellow pressure sensor VA	Sensor de baixa pressão da bolsa de ar do eixo dianteiro									
21B21	22	Left front axle level control (NR) sensor	Sensor de controle de nível do eixo dianteiro esquerdo									
21B22	23	ZA air spring bellow pressure sensor left	Sensor de baixa pressão da bolsa de ar esquerdo									
21B23	23	ZA air spring bellow pressure sensor right	Sensor de baixa pressão da bolsa de ar direito									
21B30	22	Right FA air suspension bellows sensor VA	Sensor de pressão da bolsa de ar direita do eixo dianteiro									
21F01	22	Level control fuse KL_30	Fusível de controle de nível KL_30									
21F02	22	Level control fuse KL_15	Fusível de controle de nível KL_15									
21S01	22	Level control switch (Kneeling R/L)	Interruptor de controle de nível (ajoelhamento à direita / à esquerda)									
21S07	22	Level control KNEELING switch	Interruptor de controle de nível de ajoelhamento									
21S08	22	Level control RAISE switch	Interruptor de controle de nível de elevação									
21S16	22	Level control Kneeling cutout switch	Interruptor de Controle de desligamento de ajoelhamento									
21S19	22	Level Control RAISED/LOWER switch	Controle de nível elevação/abaixar interruptor									
21Y23	22	CLCS solenoid transverse lock / Front axle level control (NR) solenoid valve	Bloqueio do travan do s solenoide CLCS / válvula de nível de eixo dianteiro (NR) válvula solenoide									
21Y28	22	CLCS solenoid valve block axle 1	Válvula solenoide de bloqueio do eixo CLCS 1 (parte frontal do ônibus articulado)									
21Y29	22	CLCS solenoid valve block axle 2	Válvula solenoide de bloqueio do eixo CLCS 2 (parte frontal do ônibus articulado)									
21Y31	23	CLCS solenoid valve block axle 3	Válvula solenoide de bloqueio do eixo CLCS 3 (parte traseira do ônibus articulado)									
22A04	19/65	Control unit Additional steering axle ASA	Eixo de direção adicional (ASA)									
22A07	19/44	ECU for articulation ATC - dg chassis vehicles	ECU para articulação ATC - dg chassis veículos									
22B02	44	Articulation angle control sensor	Sensor de controle de ângulo de articulação									
22B09	65	Additional axle steering angle steering axle sensor	Sensor de eixo de direção adicional sensor de direção do eixo									
22B11	44	Cylinder pressure sensor right	Sensor de pressão do cilindro direita									
22B12	44	Cylinder pressure sensor left	Sensor de pressão do cilindro esquerdo									
22B17	94	Differentiallock sensor	Sensor de bloqueio diferencial									
22B19	44	Limit stop sensor 1	Sensor de parada limite 1									
22B20	44	Limit stop sensor 2	Sensor de parada limite 2									
22F01	44	Articulation Angle control fuse	Fusível de controle de ângulo de articulação									
22F08	65	KL 30 steering axle control unit fuse	Fusível da unidade de controle do eixo de direção KL 30									
22Y05	65	Steering axis hydraulic block	Bloco hidráulico do eixo de direção									
22Y16	94	Valve differential lock	Válvula de bloqueio diferencial									
22Y17	44	Solenoid valve hydraulic system articulation left	Articulação do sistema hidráulico da válvula solenoide direita									
22Y18	44	Solenoid valve hydraulic system articulation right	Válvula solenoide hidráulica articulação do sistema direito									
24A03	19/99	Control unit EAPU with electronic parking brake control ePBC	Unidade de controle EAPU com controle eletrônico de freio de estacionamento ePBC									
24B02	29	Auxiliary axle circuit 1 and front axle circuit 2 reservoir pressure switch	Sensores de pressão do reservatório do circuito do eixo auxiliar 1 e circuito do eixo dianteiro 2									
24B04	29	Brake circuit reserve pressure switch air suspension	Interruptor de pressão de reserva do circuito de freio da suspensão de ar									
24F01	07/08/09/29	Compressed Air Supply Fuse	Fusível de alimentação de ar comprimido									
24K03	07/08/09	Air Dryer Relay	Rele do secador de ar									
24R01	07/08/09	Air Dryer	Secador de ar									
24Y01	29	Consep valve	Válvula CONSEP									
24Y06	29	Solenoid valve relief air compressor	Compressor de ar de alívio da válvula solenoide									
25A10	54	Electronic stability program (ESP) unit	Unidade do Programa de Estabilidade Eletrônica (ESP)									
25B01	19/96	Electronic Stability Program (ESP) steering angle sensor	Sensor de ângulo de direção (SAS) Programa de Estabilidade Eletrônica (ESP)									
30E03	25	LI perimeter lamp	Luz de presença esquerda									
30E04	25	RE perimeter lamp	Luz de presença direita									
30E05	25	LI fog lamp	Luz de neblina frontal esquerda									
30E06	25	Front foglamp Right	Luz de neblina frontal direita									
30E09	25	Left reverse gear lamp	Luz de ré esquerda									
30E10	25	Right reverse gear lamp	Luz de ré direita									
30E11	25	Rear foglamp Left	Luz de neblina traseira esquerda									
30E12	25	Rear foglamp Right	Luz de neblina traseira direita									
30E13	25	LI license plate lamp	Luz esquerda da placa									
30E14	25	RE license plate lamp	Luz direita da placa									
30E15	25	Left front perimeter lamp	Luz frontal esquerda									
30E16	25	Right front perimeter lamp	Luz frontal direita									
30E17	25	Left rear position lamp	Luz traseira esquerda									
30E18	25	Right rear position lamp	Luz traseira direita									
30E33.1	25	Right side marker lamp	Luz de presença lateral direita									
30E33.1	25	Left side marker lamp	Luz de presença lateral esquerda									
30E38	25	Main beam headlamp Right	Feixe de luz principal direito									
30E39	25	Main beam headlamp Left	Feixe de luz principal esquerda									
30E40	25	Low beam lamp Right	Luz baixa direita									
30E41	25	Low beam lamp Left	Luz baixa esquerda									
30E68	25	Right tail lamp	Luz traseira direita									
30E69	25	Left tail lamp	Luz traseira esquerda									
30E71	25	Daytime running lights left	Luzes diurnas esquerda									
30E87	25	Daytime running lights right	Luzes diurnas direita									
30H01	25	Left brake lamp	Luz de freio esquerda									
30H02	25	Right brake lamp	Luz de freio direita									
30H03	26	Left front direction indicator lamp	Luz dianteira esquerda do indicador de direção									
30H04	26	Right front direction indicator lamp	Luz dianteira direita do indicador de direção									
30H05	26	Left rear direction indicator lamp	Luz traseira esquerda do indicador de direção									
30H06	26	Right rear direction indicator lamp	Luz traseira direita do indicador de direção									
30H07	26	Upper left rear direction indicator lamp	Luz traseira superior esquerda do indicador de direção									
30H08	26	Upper right rear direction indicator lamp	Luz traseira superior direita do indicador de direção									

1	2	3	4	5	6	7	8	9	10	11	12
①											
A	51H01	95	AC lamp status	AC lâmpada da status							
	52B01	94	Rain sensor	Sensor de chuva							
	60B01	95	Tachograph sensor	Sensor do tacógrafo							
	60F01	95	KL_15 instrument node supply	Sinal KL_15 do nó de abastecimento de instrumentos							
	60F03	03/06/97	Tachograph KL_30 fuse	Fusível KL_30 do tacógrafo							
	60P02	03/06/08/13/19/35/44/95/97	Tachograph	Tacógrafo							
	61A06	22/24/54/75/86/88/92	Switching module (MSF-slave) dashboard	Painel de controle modular do painel de instrumentos (MSF) módulo de interruptor escravo 1							
	61A09	13/19/35/95	Instrument Cluster (ICUC)	Painel de instrumentos (ICUC)							
	61A11	95	Button unit multifunction steering wheel	Botão multifunções no volante							
	61A16	54/92	Instrument panel modular switch panel (MSF) slave switch module 2	Painel de controle modular do painel de instrumentos (MSF) módulo de interruptor escravo 2							
	61A17	92	Switching module (MSF-slave) slave panel 3	Painel de controle modular do painel de instrumentos (MSF) módulo de interruptor escravo 3							
	61B01	95	Instrument panel loudspeaker	Alto-falante do painel de instrumentos							
	61F03	95	ICUC panel KL30 fuse	Fusível do painel ICUC KL30							
	61V02	95	ICUC symbol lens lamp diode	Lâmpada de diodo símbolo ICUC							
	63S02	24/54/86	Hill holder/frequent-stop brake switch	Trava de rolagem/interruptor de freio de parada contínua							
	63W01	95	Steering wheel keypad clock spring contact	Contato mola do relógio do teclado do volante							
	64B01	34	Sensor fire engine compartment	Sensor de incêndio compartimento de motor							
	64B15	34	Sensor fire exhaust gas turbocharger	Sensor de incêndio Turbocompressor de gás de escape							
	64B16	34	Sensor fire generators	Sensor de incêndio geradores							
	64B17	34	Sensor fire exhaust system	Sensor de incêndio sistema de escape							
	64H03	33	Accoustic backup warning device	sistema de aviso acústico na marcha à ré							
	65A04	85	Tyre pressure monitor TPM control unit	Unidade de controle TPM do monitor de pressão dos pneus							
	65A09	19	Control unit tire pressure monitoring TPM	Unidade de control de monitoramento de pressão dos pneus TPM							
	65B03	94	Fuel level sensor	Sensor de nível de combustível							
	65F14	85	Tyre pressure monitor fuse KL_30	Fusível do monitor de pressão de pneus KL_30							
	65W21	85	Center axle 1 tyre pressure monitor antenna	Antena do monitor de pressão dos pneus do eixo central 1							
	65W22	85	Left axle 2 tyre pressure monitor antenna	Antena do monitor de pressão dos pneus do eixo esquerdo 2							
	65W23	85	Right axle 2 tyre pressure monitor antenna	Antena do monitor de pressão dos pneus do eixo direito 2							
	65W24	85	Left axle 3 tyre pressure monitor antenna	Antena do monitor de pressão dos pneus do eixo esquerdo 3							
	65W25	85	Right axle 3 tyre pressure monitor antenna	Antena do monitor de pressão dos pneus do eixo direito 3							
	65W26	85	Left axle 4 tyre pressure monitor antenna	Antena do monitor de pressão dos pneus do eixo esquerdo 4							
	65W27	85	Right axle 4 tyre pressure monitor antenna	Antena do monitor de pressão dos pneus do eixo direito 4							
	65Y02	06/97	Fuel Solenoid valve	Válvula solenoide do combustível							
	76W90	68	Fleetboard antenna	Antena do sistema gerenciador de rotas							
	77A04	19/68	Fleet manager system on-board computer	Computador de bordo do sistema de gerenciador de rotas							
	77A07	19/68	CAN gateway powertrain - CAN	CAN gateway powertrain - CAN							
	77F01	68	KI 15 telematics system fuse	Fusível do sistema de telemática KL_15							
	77F02	68	KI 30 telematics system fuse	Fusível do sistema de telemática KL_30							
	77F09	93	FMS KL_15 fuse	Fusível FMS KL_15							
	77F10	93	FMS KL_30 fuse	Fusível FMS KL_30							
	77R04	68	Telematic PT-CAN termination resistor	Resistor final Telemático PT-CAN							
	79W06	68	Windshield antenna LTE	Antena de para-brisa LTE							
	81M07	88	Left vibrating seat motor	Motor de vibração de assento à esquerda							
	81M08	88	Right vibrating seat motor	Motor de vibração de assento à direita							
	85A02	88	Lane keeping assist (LDW) control unit	Unidade de controle de assistência de pista (LDW)							
	85S01	88	Lane assist ON/OFF switch	Interruptor liga/desliga de assistência de pista							
	87A01	32	Right short range radar (SRR) master	Radar mestre de curto alcance direito (SRR)							
	87A02	32	Right short range radar (SRR) slave	Radar mestre de curto alcance direito (SRR)							
	87F01	32	Fuse BSA - ShortRangeRadarRight	Fusível BSA - Radar de curto alcance à direita							
	87H01	32	Blind spot assist (TWA) indicator lamp	Luz indicadora de alerta de ponto cego (TWA)							
	90F09/1	97	Reserve fuse MPD KL30	Fusível de reserva MPD KL30							
	90F09/2	97	Reserve fuse MPD KL15	Fusível de reserva MPD KL15							
	HT415	42/97	Power distribution board (PDB)	Placa de distribuição de energia (PDB)							
	W0101	97	Ground 1 driver position	Massa 1 posição do motorista							
	W0201	03/06/08/09/13/17/19/20/22/23/26/29/32/44/54/65/68/72/73/85/86/88/93/96/97	Ground main control panel	Massa do painel de controle							
	W0402	03/06/07/08/09/11/17/18/20/25/26/27/29/31/32/34/35/36/52/73/75/88/94/95/97/98	Ground rear	Massa traseira							
	W0501	07/08/09/42/91/97	Ground 1 engine compartment	Massa 1 do compartimento do motor 1							
	W0502	68	Engine compartment ground 2	Compartimento do motor terra 2							
	W3701	19	Mass CAN-star point	Ponto da massa ponto estrela CAN							
	W3703	19	Mass CAN-star point	Ponto da massa ponto estrela CAN							
	W3707	19	Mass CAN-star point	Ponto da massa ponto estrela CAN							
	W3709	19	Mass CAN-star point	Ponto da massa ponto estrela CAN							
	W3728	19	Mass CAN-star point	Ponto da massa ponto estrela CAN							
	X0201	06/08/54/86/96/97	KL_30 Main Distributor Electric Compartment	Distribuidor principal KL_30 do compartimento elétrico							
	X0202	03/06/07/08/09/13/17/18/20/22/24/31/65/68/72/73/85/88/95/97	KL_30 Main Distributor Electric Compartment	Distribuidor principal KL_30 do compartimento elétrico							
	X0204	03/06/07/08/09/13/17/18/20/22/27/29/32/44/52/58/68/72/73/88/91/95/97	KL_15 Main Distributor Electric Compartment	Distribuidor principal KL_15 do compartimento elétrico							
	X0295	93	FMS connector	Conector FMS							
	X030E	42	star point SCR exhaust gas aftertreatment system	Ponto estrela Sistema de pós-tratamento de gases de escape SCR							
	X2811	07/08/09/35/95	Spare connector for bodybuilder	Conexão de interface para o encarroçador							
	X2812	25/26/46/88/89/93	Bodybuilder connector	Conector do encarroçador do painel principal (compartimento elétrico)							
	X3701	19	CAN start point Cabin 1 (500Kb)	Ponto estrela CAN cabina 1							
	X3703	19	CAN start point chassis 1	Ponto estrela CAN chassis 1							
	X3707	19	CAN start point Exterior 1	Ponto estrela CAN exterior 1							
	X3708	19	CAN start point Exterior 2	Ponto estrela CAN exterior 2							
	X3709	19	CAN star point Powertrain 1 (667 KB)	Ponto estrela CAN do powertrain 1 (667 KB)							
	X3724	91	Recuperation module (RKM) star point	Ponto estrela módulo de recuperação (RKM)							
	X3728	19	CAN start point HMI-CAN	Ponto estrela CAN HMI							
G	1/A1-F6/Updated table //										
H	002 BAR2817N11 brclaro hnnumra siehe 23-06-07 Smaragd										
	Änderungsindex / Änderungsbeseitigung state of revision / revision test ZGS Auftrags-Nr. Bearb./aufl. Prüf./check Normstand order no. Datum/date Datum/date Datum/date Name/name										
	Werkstoff (Endzustand) / material (l.i.on.) Oberfl sch./surf.prot. DBL Farbe/color Beauf/aufl. - Dekor/decorat. MBN 31030 Pruf./check - Oberfl ang./surf.texture MBN 31007 Normstand. - Oberfl feuchtsurface (m²) Freig./rel. - Stammdaten masterdata Diffliegtnegrund MBN 0337 Vebodoc-Relevanznummer MBN 1038 gesetzl.zul.zul.zul. Smaragd (Art) Anzahl Maximalz. Vebodoc-Relevanznummer MBN 1038 gesetzl.zul.zul.zul. gesetzl.zul.zul.zul. Smaragd Smaragd DS DZ feder.Abl./resp.dep.										

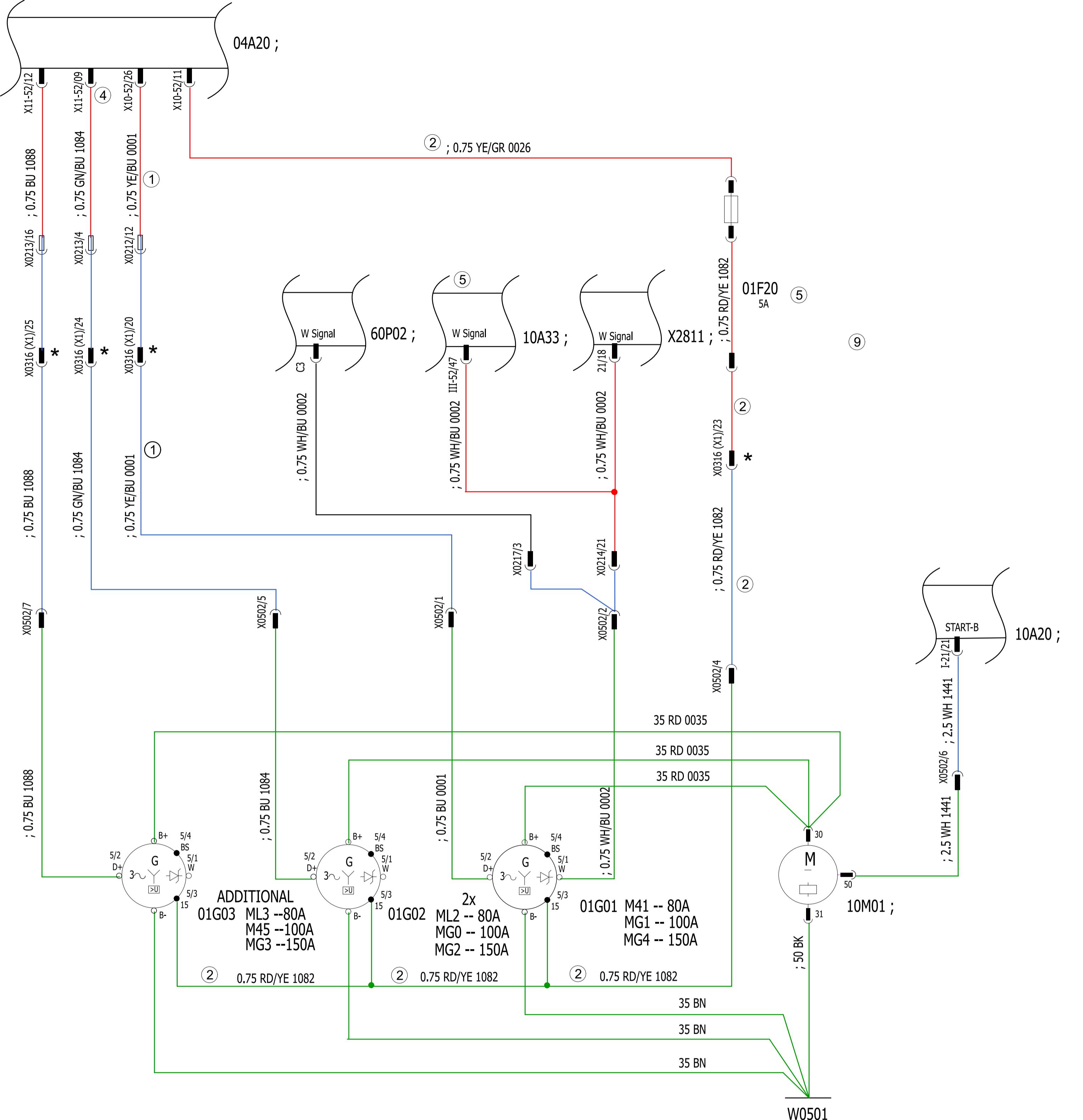


04A20	Advanced signal acquisition and actuation module (ASAM) control unit	01S01	Main manual battery switch
04A21	Extended Activity Module (EAM) control unit 1	13V07	Transmission oil temperature diode
10A20	Engine management MCM control unit	13V08	Transmission oil temperature diode
13A06	Allison AGN automatic transmission control unit	13V09	Transmission malfunction diode
15B09	Heating flange housing temperature sensor	W0201	Ground 1 main control panel
02B05	Intelligent battery sensor	W0402	Ground 2 rear
01F04	Fuse terminal D+	W0501	Ground 1 engine compartment
01F20	Alternator voltage sensing fuse	X0204	Distributor main control panel KL.15
04F42	EAM_Extended Activity Module fuse link 1	X0502	Alternator adapter connector
04F50	EAM_Extended Activity Module fuse link 1	X2811	Electrical compartment chassis interface connector
13F03	Allison AGN automatic transmission fuse		
24F01	Compressed air-supply fuse		
01G01	Alternator 1 (main)		
01G02	Alternator 2		
01G03	Alternator 3 (A/C)		
01G04	Battery 1		
13H03	Transmission malfunction indicator lamp		
13H04	Transmission oil temperature indicator lamp		
01K06	Relay D+		
24K03	Air drier relay		
10M01	Starter motor		
24R01	Compressed air drier heater		

60

CODE

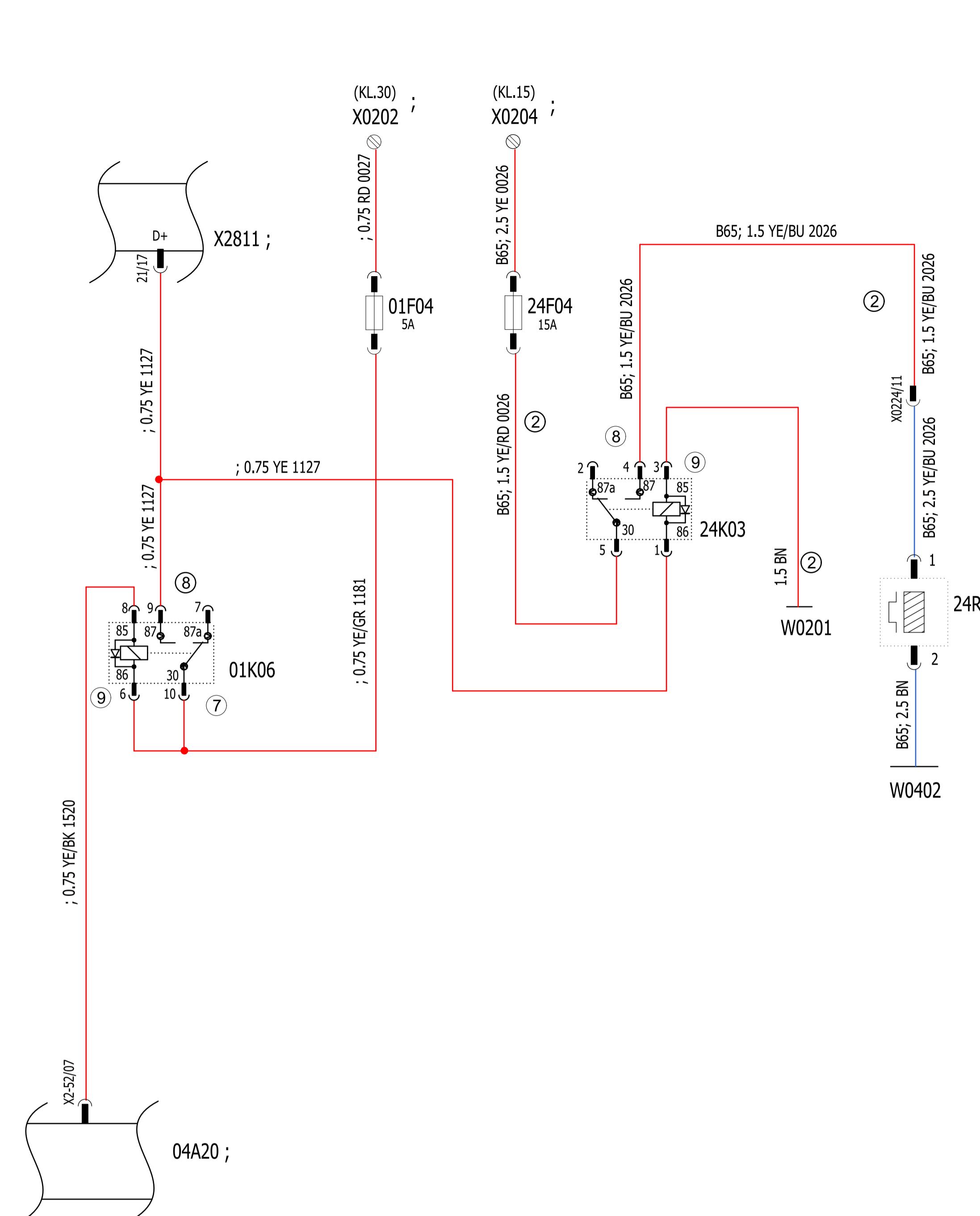
MG9 - REDE DE INTERFASE LOCAL LIN
GBO - CAMBIO AUTOMATICO ALLISON S2100



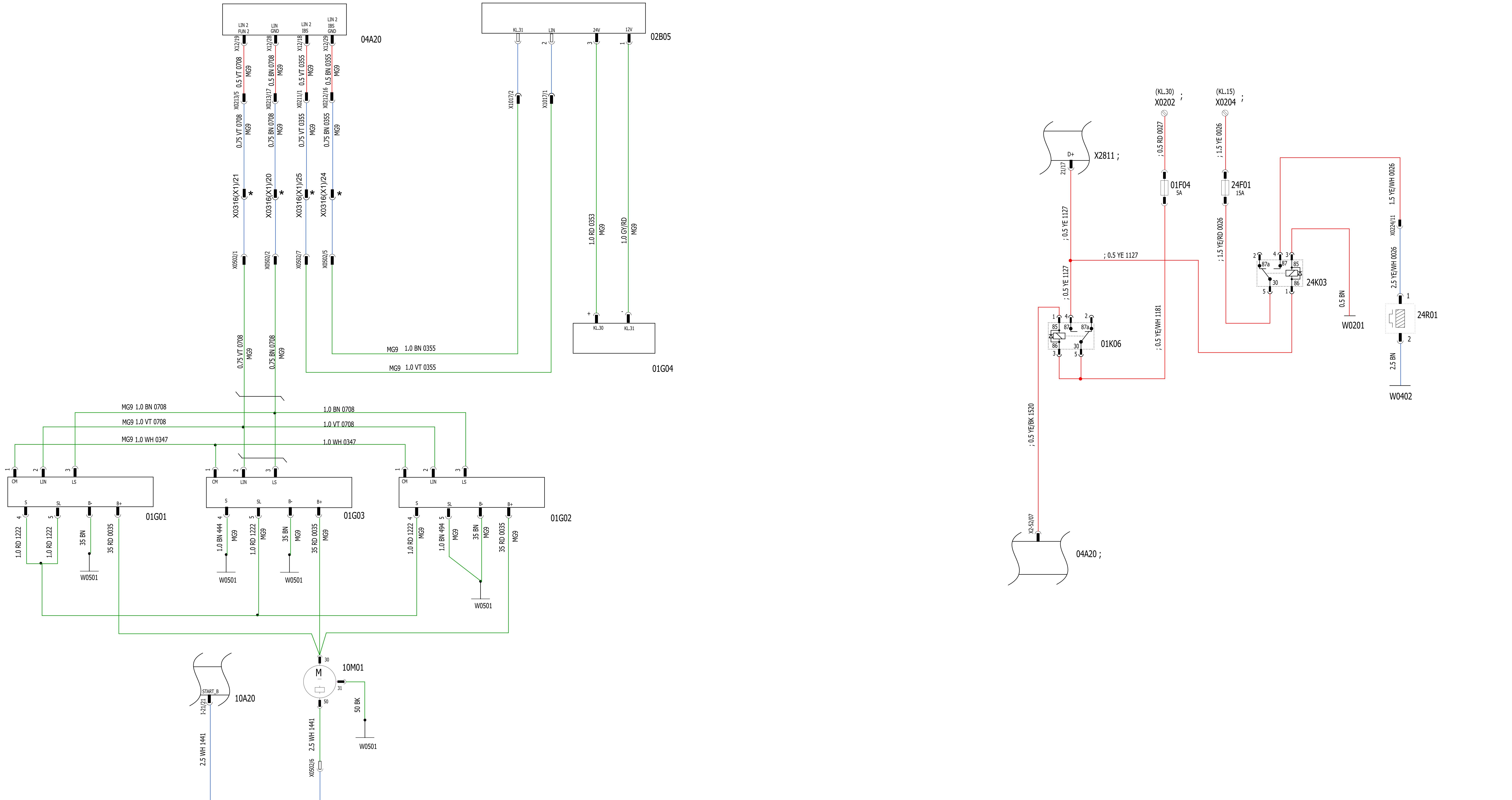
Item	Description	Item	Description
04A20	Advanced Sensor Actor Modul ASAM	W0201	Ground 1 main control panel
10A20	Motor Control Module MCM	W0402	Ground 2 rear
10A33	Common Powertrain Controller CPC5	W0501	Ground 1 Engine Compartment
01F04	Fuse Terminal D+		
01F20	KL-15 Alternator Fuse		
24F04	Compressed Air Supply Fuse		
01G01	Alternator 1 (Main)		
01G02	Alternator 2		
01G03	Alternator 3 (A/C)		
01K06	Relay D+		
24K03	Air Dryer Relay		
10M01	Starter motor		
60P02	Tachograph		
24R01	Air Dryer		
X0202	KL30 Main Distributor Electric Compartment		
X0204	KL15 Main Distributor Electric Compartment		
X0502	Starter Motor Connector		
X2811	Spare connector for bodybuilder		

CODE
 M41 - ALTERNADOR 28V 80A
 M45 - ALTERNADOR 28V 100A ADICIONAL
 MG0 - ALTERNADOR, 2X 28V 100A, MONTAGEM DIREITA E ESQUE RDA
 MG1 - ALTERNADOR, 28V 100A
 MG2 - ALTERNADOR 2 X 28V 150 A
 MG3 - ALTERNADOR 28V 150A ADICIONAL
 MG4 - ALTERNADOR, 28V 150A
 ML2 - ALTERNADOR, 2X 28V 80A
 ML3 - ALTERNADOR 28V 80A ADICIONAL
 GBO - CAMBIO AUTOMATICO ALLISON S2100
 B65 - SECADOR DE AR C/ AQUECIMENTO

* Applicable only for Artic

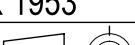


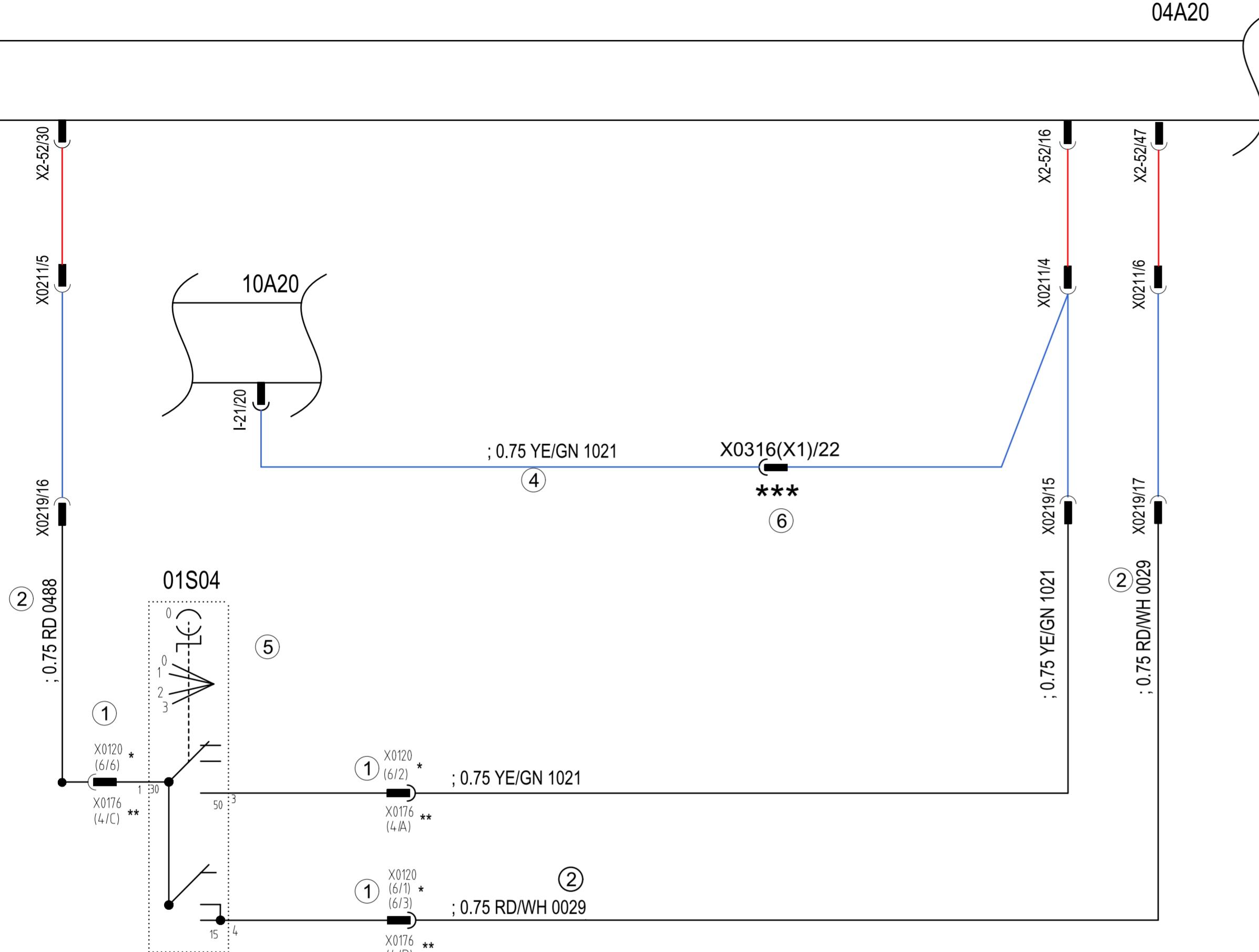
8/B6/Updated component/94/Deleted circuit BS/9/C5, B7 Relay polarity change//.	003	BAR2817N11	brclaro	remotta	siehe Smaragd
1/B1/Change wire color/2/B6/change wire area/3/A1,D4/Add Note /4/A1/Changed connector/5/B3/Changed fuse value/6/H5/Add code/7/C5/Change cavities//	002	BAR2817N09	jonfor	rcavana	siehe Smaragd
Aenderungsindex / Aenderungsbeschreibung state of revision / revision text	ZGS	Auftrags-Nr. order no.	Bearb./auth. Bearb./auth.	Pruef./check Pruef./check	Norm/stand Norm/stand
Werkstoff (Endzustand) / material (fi.co.)	Oberfl.sch./surf.prot. DBL		Datum/date Datum/date	Name/name	
Farbe/color	-			-	
Dekor/decoration	MBN 31030	Pruef./check	-		
Oberfl.lang./surf.texture	MBN 31017	Norm/stand	-		
Oberflaeche/surface (m²)	Freig./rel. see				Smaragd
Stammdaten/ masterdata Smaragd	D-Pflicht/required MBN 10317	VeDoc-Relevanz/relevance MBN 10385	ESD-Kennzeichen/code A0598030	N	
	Art/ Anzahl Merkmale/ number of features	Anzahl/number of VPD-Ident-Nr./no.			
DS 0	0	0	0	0	federl.Abt./resp. dep.
DZ 0	0	0	0	0	-
9 Letzter Aend-Index last state of revision	Allg. Toleranzen/gen. tolerances	gesetzl.Merkmal/st.frt.	ZGS	Auftr.-Nr./order no.	
Referenz-Nr./reference no.	Masse/mass (kg)	Benennung/title			
Massstab/scale	System/system	STROMLAUFPLAN			
Tolerierung/tolerancing Smaragd	NX 1953	ELECTROTECHNICAL CIRCUIT DIAGRAM			
	GEN. W/O LIN				
Daimler-Benz	Schutzvermerk DIN ISO 16016 beachten / Refer to protection notice DIN ISO 16016	Format/sz.	Blatt/sb.	Sach-Nr./basic number	A1 A 384 546 08 00
	Keine Aenderung ohne Zustimmung der federführenden Konstruktion, / Any alterations are subject to the approval of the design department.				

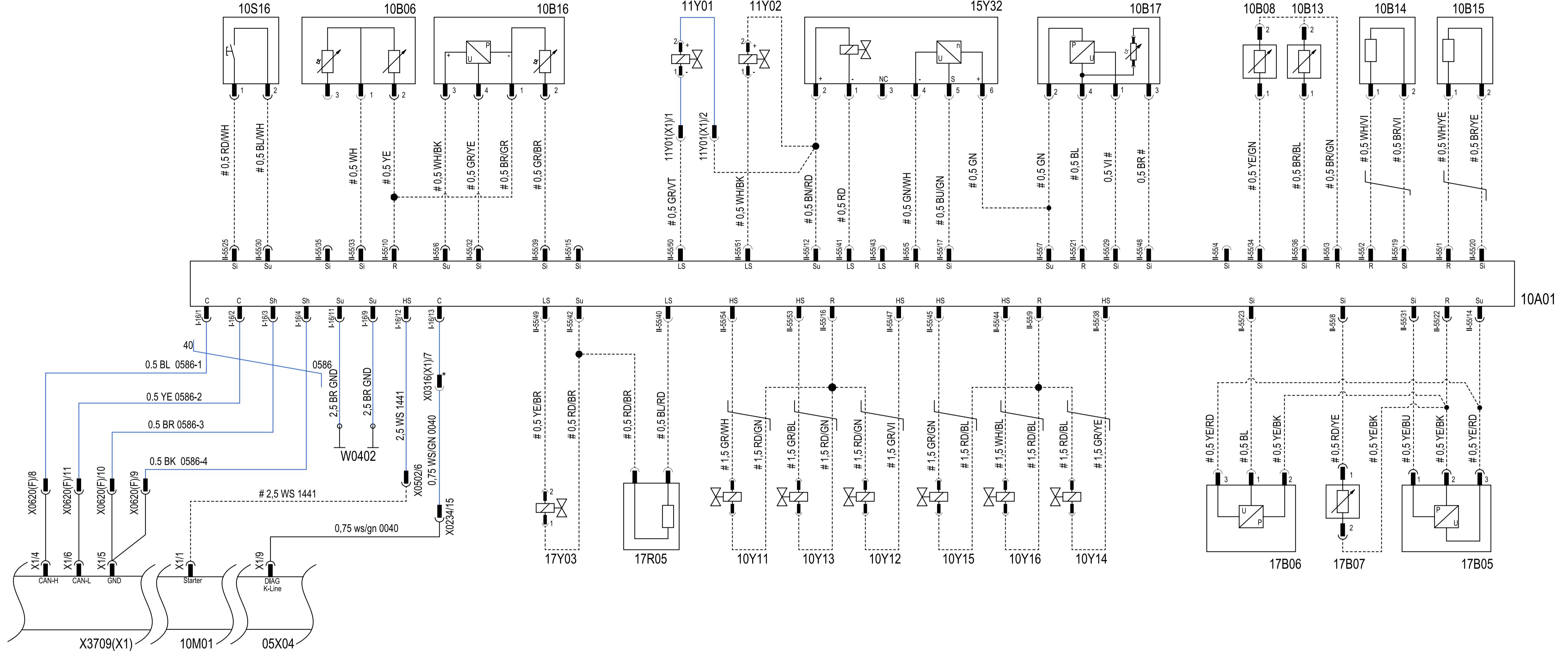


04A20	Advanced signal acquisition and actuation module (ASAM) control unit	W0201	Ground 1 main control panel
10A20	Engine management MCM control unit	W0501	Ground 1 engine compartment
02B05	Intelligent battery sensor	X0202	KL30 Main Distributor Electric Compartment
01F04	Fuse terminal D+	X0502	Alternator adapter connector
24F01	Compressed air-supply fuse	X2811	Electrical compartment chassis interface connector
01G01	Alternator 1 (main)		
01G02	Alternator 2		
01G03	Alternator 3 (A/C)		
01G04	Battery 1		
01K06	Relay D+		
24K03	Air drier relay		
10M01	Starter motor		
24R01	Compressed air drier heater		
13V07	Transmission oil temperature diode		
13V08	Transmission oil temperature diode		
12V00	Transmission malfunction diode		

220

			002	BAR2817N11		brclaro	siehe/see	siehe		
Aenderungsindex / Aenderungsbeschreibung state of revision / revision text			ZGS	Auftrags-Nr. order no.		Bearb./auth. Datum/date	Pruef./check Datum/date	Norm/stand Datum/date		
Werkstoff (Endzustand) / material (fi.co.)			Oberfl.sch./surf.prot. DBL			Datum/date		Name/name		
			Farbe/color			Bearb./auth.	-	-		
			Dekor/decoration		MBN 31030	Pruef./check	-	-		
			Oberfl.lang./surf.texture		MBN 31007	Norm/stand.	-	-		
			Oberflaeche/surface (m ²)			Freig./rel.	see	Smaragd		
nmdaten/ terdata aragd	D-Pflicht/required	MBN 10317	VeDoc-Relevanz/relevance		MBN 10385	ESD-Kennzeichen/code				
	Art/ type	Anzahl Merkmale/ number of features			A0598030					
	DS	0	0	0	N					
	DZ	0	0	federf.Abt./resp.dep.						
					-					
Toleranzen/gen. tolerances					gesetzl.Merkmal/st.ftr.	ZGS	Auftr.-Nr./order no.			
erenz-Nr./reference no.		Masse/mass (kg)	Benennung/title							
sstab/scale		System/system	STROML.PLAN							
rierung/tolerancing		NX 1953	ELECTROTECHN.CIRCUIT DIAGRAM							
			GEN. LIN W/O EAM							
 Mercedes-Benz		© Daimler Truck AG Schutzvermerk DIN ISO 16016 beachten! / Refer to protection notice DIN ISO 16016!			Format/sz.	Blatt/sh.	Sach-Nr./basic number			
					A0		A 384 546 09 00			



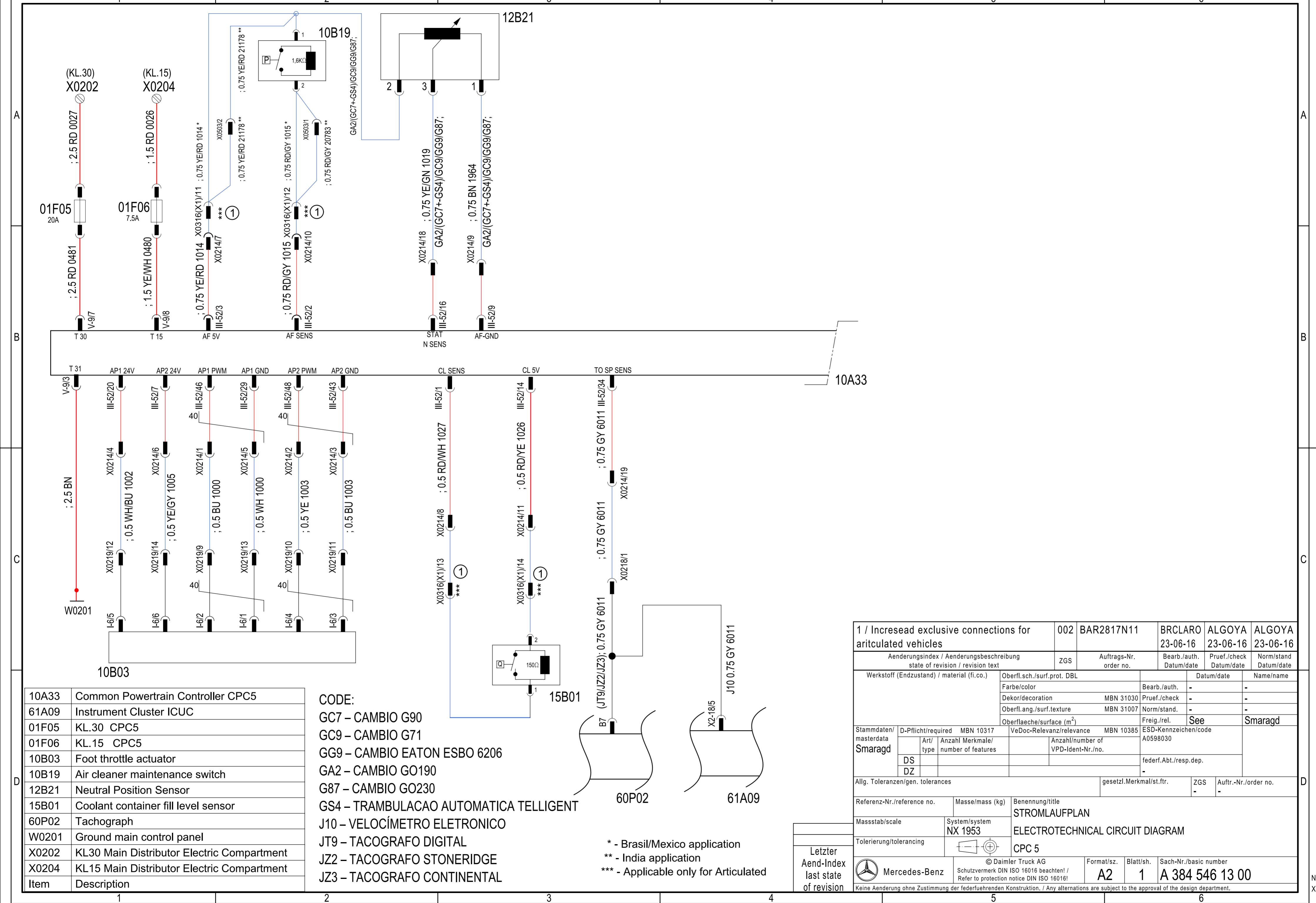


05X04	Diagnose Connector		
10A01	MR Control Unit		
10B06	Engine Oil Pan Level Sensor	10Y14	Cylinder 4 Plug-in Pump
10B08	Engine Coolant Temperature Sensor	10Y15	Cylinder 5 Plug-in Pump
10B13	Fuel Temperature Sensor	10Y16	Cylinder 6 Plug-in Pump
10B14	Crankshaft Position Sensor	11Y01	Constant Throttle valve
10B15	Cylinder 1 TDC Sensor	11Y02	Exhaust flap valve
10B16	Oil Pressure/ Temperature Sensor	15Y32	Fan clutch
10B17	Charge-air Pressure/Temperature Sensor	17B05	Adblue Pressure Line Sensor
10M01	Starter motor	17B07	Adblue Line Temperature Sensor
10S16	Start-Stop switch	17R05	SCR Unit Dosad. Resistance Heater
10Y11	Cylinder 1 Plug-in Pump	17Y03	SCR Exhaust Aftertreatment Adblue Metering Valve
10Y12	Cylinder 2 Plug-in Pump	W0402	Ground
10Y13	Cylinder 3 Plug-in Pump	X3709	PT-CAN Star-Point
Item	Description	Item	Description

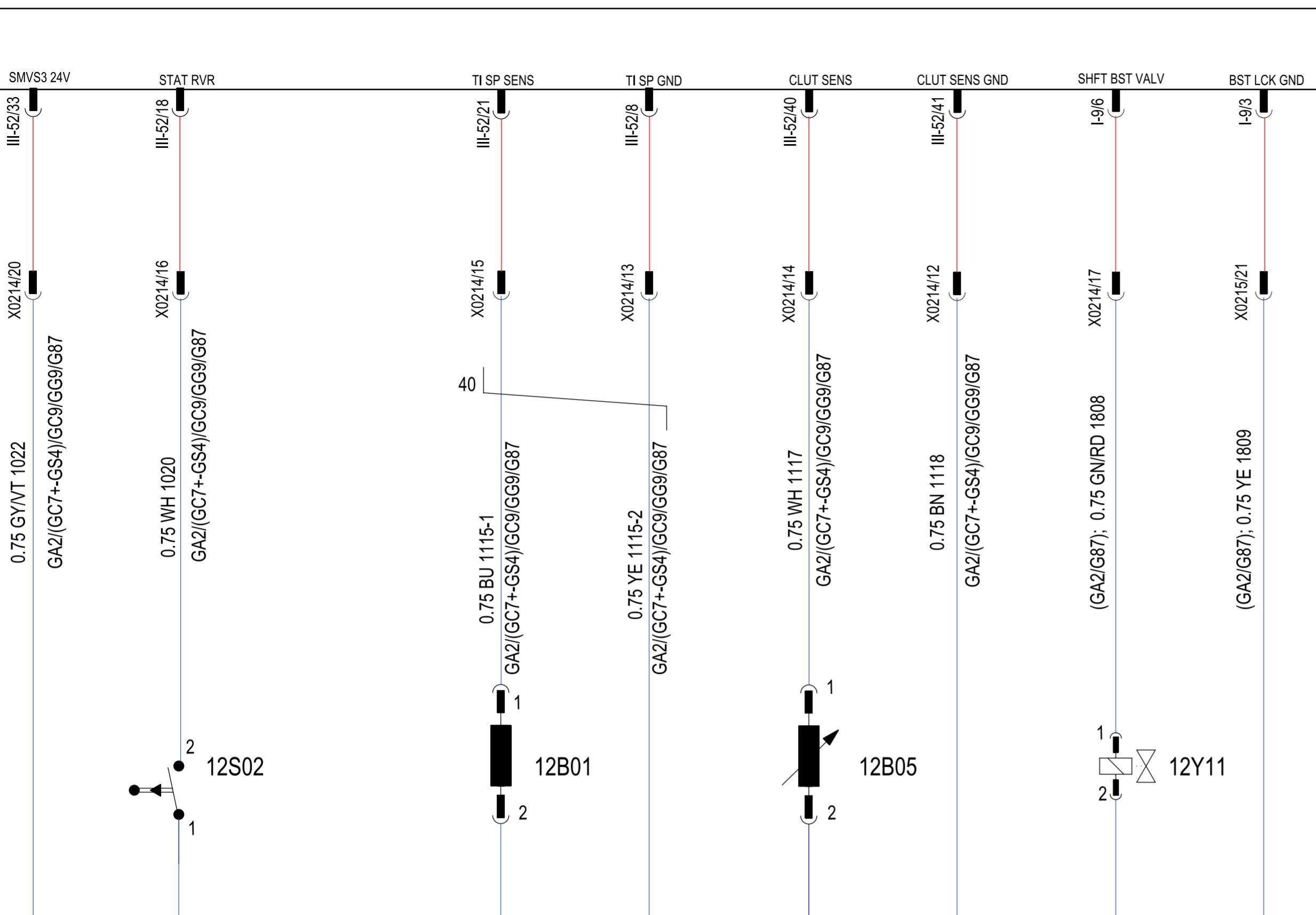
* applicable only for Artic

Änderungsindex / Änderungsbeschreibung state of revision / revision text		ZGS	Auftrags-Nr. order no.	Prelf./check Datum/date	Bearb./auth. Datum/date	Norm/stand Datum/date
Werkstoff (Endzustand) / material (fi.co.)		Oberfl.sch./surf.prot. DBL			Datum/date	Name/name
Farbe/color					Bearb./auth.	BRCLARO
Dekor/decoration					Pruef./check	2023-06-07 DALBELO
Oberfl.lang./surf.texture					Norm/stand	-
Oberfläche/surface (m²)					Freig./rel.	2023-06-07 DALBELO
D-Pflicht/required	MBN 10317	VeDoc-Relevanz/relevance	MBN 10385	ESD-Kennzeichen/code		
Stammdaten/ masterdata						
Smaragd	Art/ type	Anzahl Merkmale/ number of features	Anzahl VPD-Ident-Nr./no.			
	DS	0	0	0	federl.Abt./resp.dep.	
	DZ	0	0	0	BUS/PCB	
Allg. Toleranzen/gen. tolerances				gesetzl.Merkmal/st.frt.	ZGS	Aufr.-Nr./order no.
Referenz-Nr./reference no.		Masse/mass (kg)			001	BAR2817N11
Massstab/scale		System/system				
		NX 1953				
Tolerierung/tolerancing						
Letzter Änd.-Index last state of revision						
	Mercedes-Benz	© Daimler Truck AG	Schutzvermerk DIN ISO 16016 beachten / Refer to protection notice DIN ISO 16016	Format/sz. Blatt/sb.	A1	A 384 546 11 00

Keine Änderung ohne Zustimmung der federführenden Konstruktion. / Any alterations are subject to the approval of the design department.



10A33

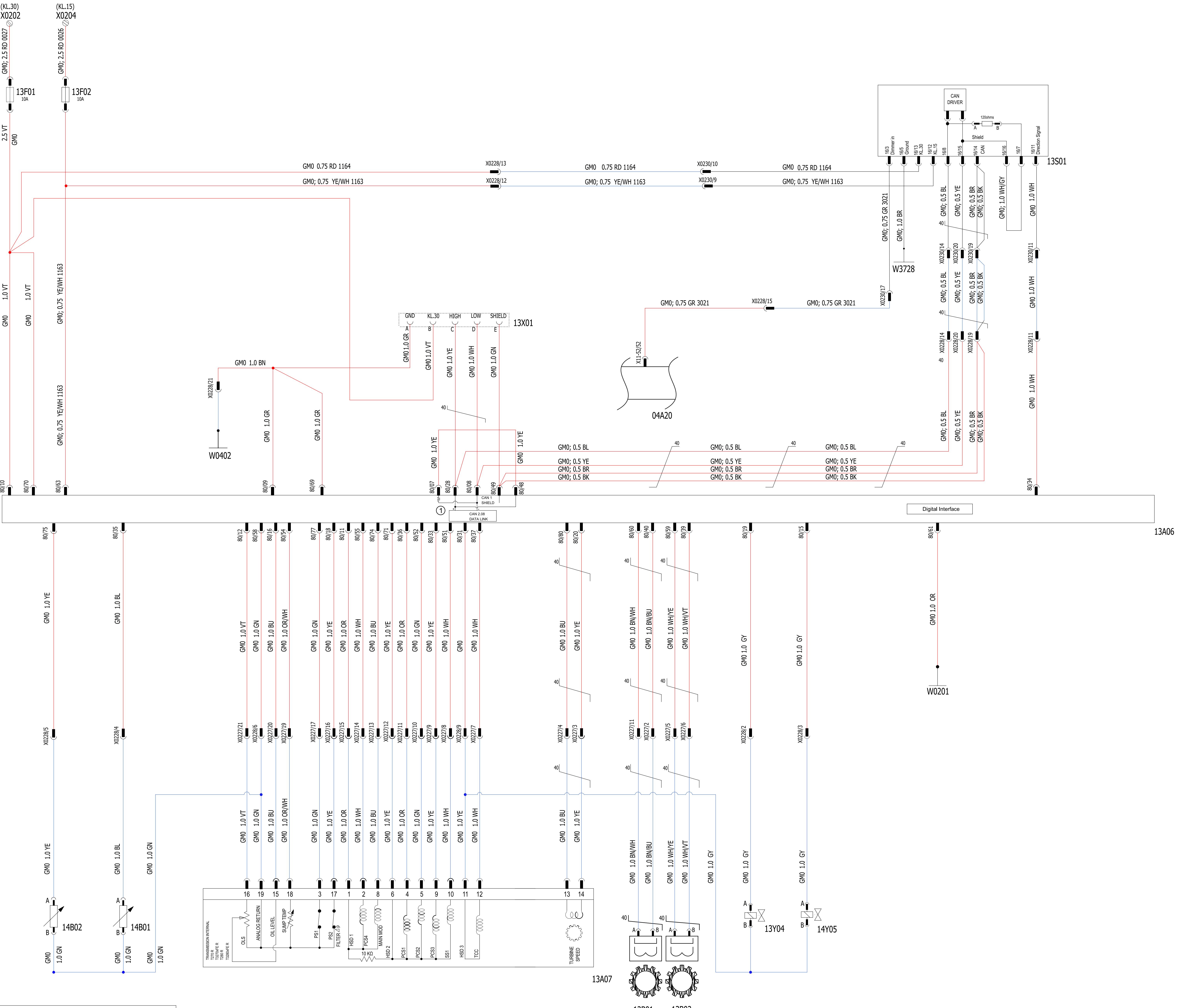


CODE:


GC7 - CAMBIO G90
 GC8 - CAMBIO G140
 GC9 - CAMBIO G71
 GA2 - CAMBIO GO190
 GG9 - CAMBIO EATON ESBO 6206
 G87 - CAMBIO GO230
 GS4 - TRAMBULACAO AUTOMATICA TELLIGENT

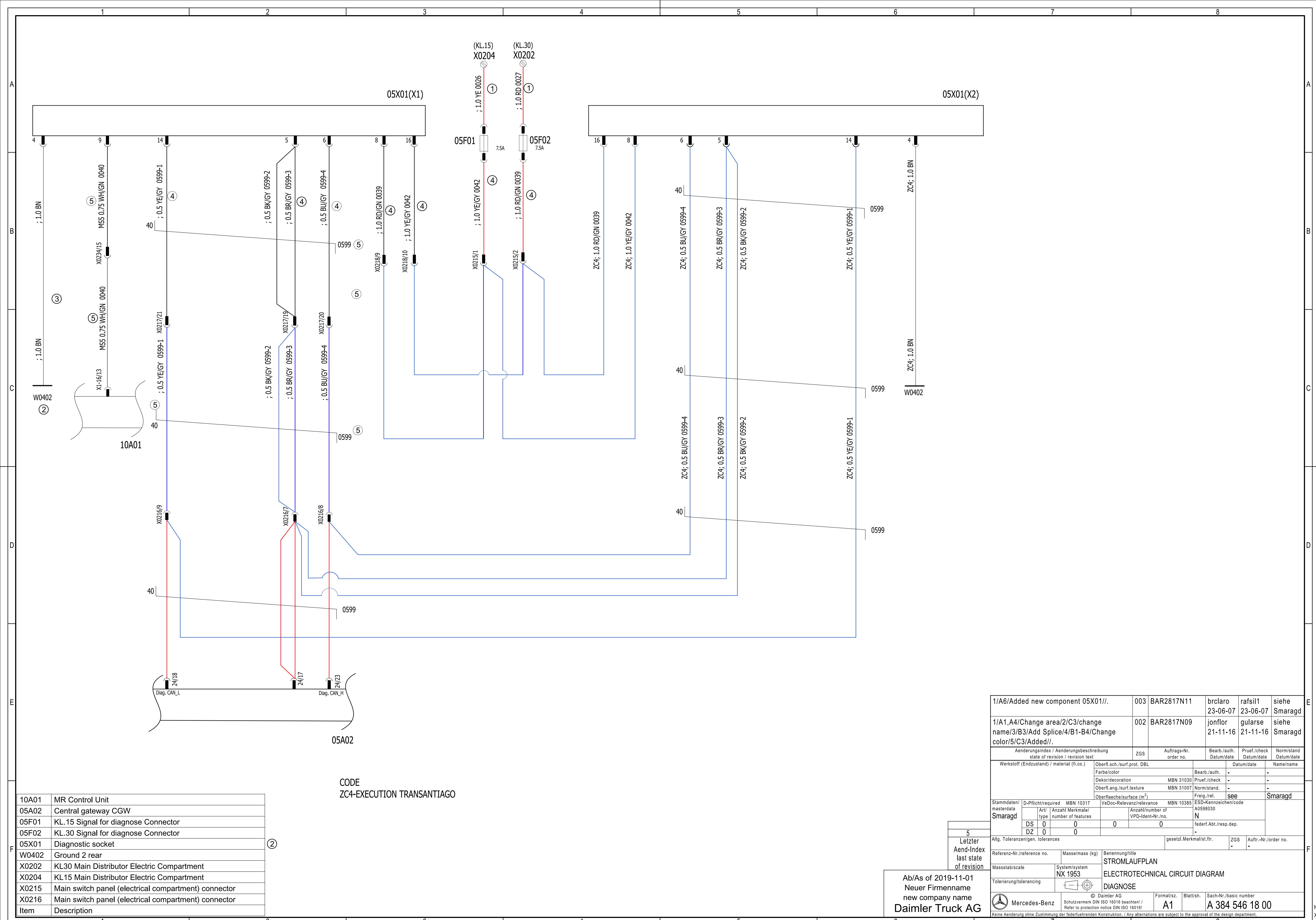
10A33	Common Power Train Controller CPC 5
12B01	Transmission input speed sensor
12B05	"Clutch Position" sensor
12S02	Transmission reverse gear recognition
12Y11	Gearshift Auxiliary valve
Item	Description

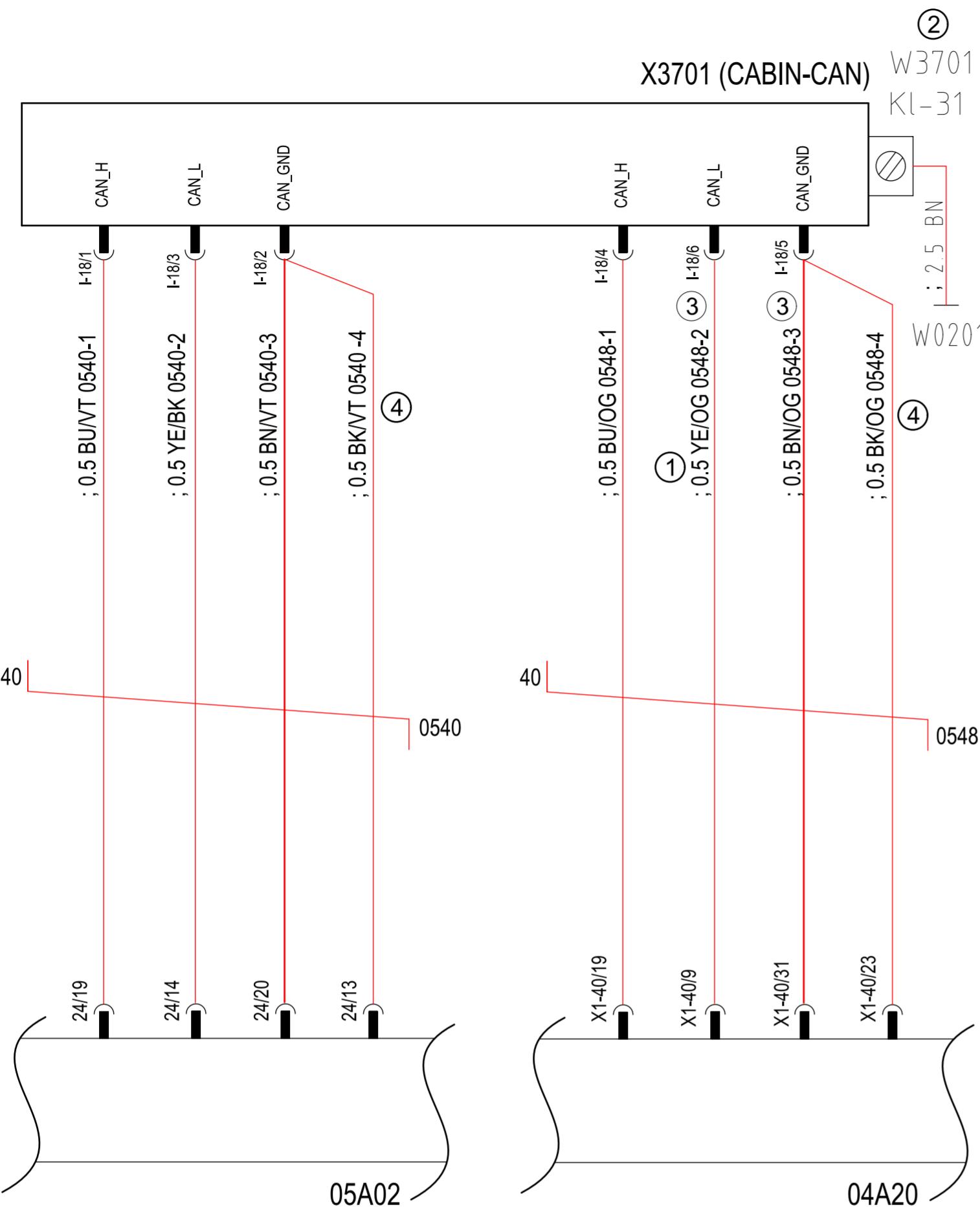
1/ Add new date//			002	BAR2817N11	BRCLARO	ALGOYA	ALGOYA
Aenderungsindex / Aenderungsbeschreibung state of revision / revision text			ZGS	Auftrags-Nr. order no.	Bearb./auth. Datum/date	Pruef./check Datum/date	Norm/stand Datum/date
Werkstoff (Endzustand) / material (fi.co.)	Oberfl.sch./surf.prot. DBL				Datum/date	Name/name	
Farbe/color		Bearb./auth.	-				
Dekor/decoration	MBN 31030	Pruef./check	-				
Oberfl.ang./surf.texture	MBN 31007	Norm/stand.	See			Smaragd	
Oberflaeche/surface (m ²)		Freig./rel.	-				
Stammdaten/ masterdata	D-Pflicht/required	MBN 10317	VeDoc-Relevanz/relevance	MBN 10385	ESD-Kennzeichen/code		
Smaragd	Art/	Anzahl Merkmale/ number of features		Anzahl/number of VPD-Ident.-Nr./no.	A0598030		
	DS				federl.Abt./resp.dep.		
	DZ				BUS/PCB		
Allg. Toleranzen/gen. tolerances			gesetzl.Merkmal/st.ftr.	ZGS	Auftr.-Nr./order no.		
Referenz-Nr./reference no.	Masse/mass (kg)	Benennung/title		001	BAR2817N09		
Massstab/scale	System/system	STROMLAUFLPLAN					
	NX 1953	ELECTROTECHNICAL CIRCUIT DIAGRAM					
Tolerierung/tolerancing		CPC 5					
Letzter Aend-Index last state of revision	Mercedes-Benz	© Daimler Truck AG Schutzvermerk DIN ISO 16016 beachten! Refer to protection notice DIN ISO 16016!	Format/sz.	Blatt/sh.	Sach-Nr./basic number		
			A2	2	A 384 546 13 00		
Keine Aenderung ohne Zustimmung der federführenden Konstruktion. / Any alterations are subject to the approval of the design department.							



04A20	Advanced signal acquisition and actuation module (ASAM) control unit
13A06	Allison AGN automatic transmission control unit
13A07	Allison AGN automatic transmission
13B01	Output speed sensor
13B02	Transmission input speed sensor
14B01	Retarder coolant temperature sensor
14B02	Retarder oil temperature sensor
13X01	Allison AGN automatic transmission diagnosis socket
13F01	Automatic transmission fuse KL.30
13F02	Automatic transmission fuse KL.15'
13H07	Shift Inhibit Indicator
13S01	Transmission gear selection switch
W0402	Ground 2 rear
X0202	KL.30 Main distributor Electric Compartment
X0204	KL.15 Main distributor Electric Compartment
13Y04	Retarder reservoir solenoid valve
14Y05	Retarder proportioning valve



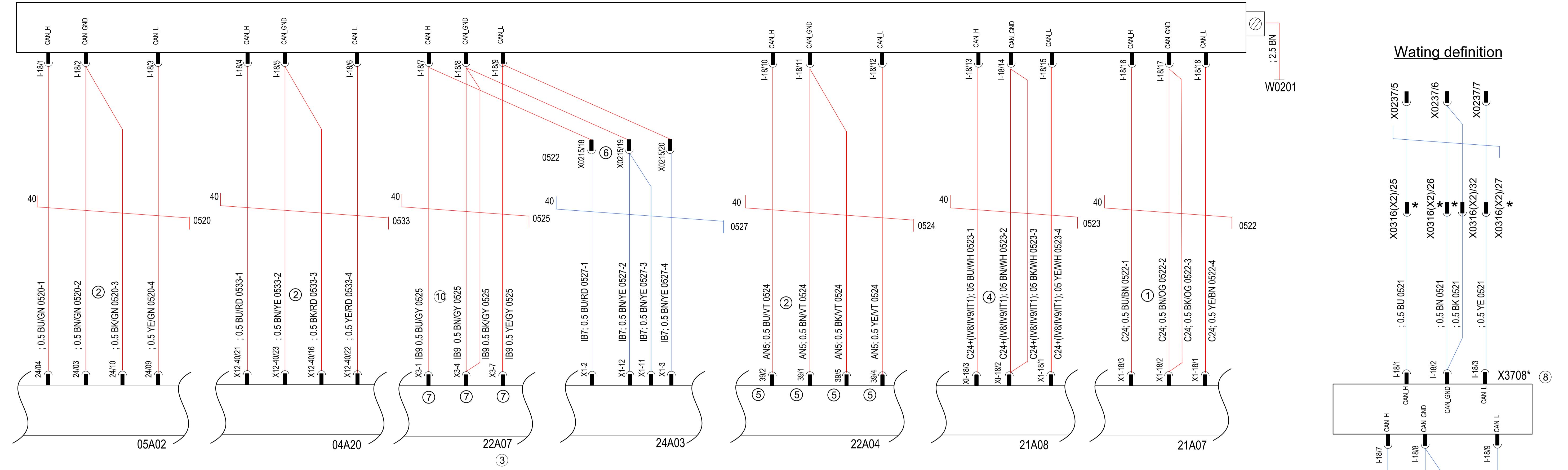




04A20	Advanced Sensor Actor Modul ASAM
05A02	Central gateway CGW
W0201	Ground main control panel
W3701	Mass CAN start point (2)
X3701	CAN star point Cabin 1 (500Kb)
Ident	Description

Ab/As of 2019-11-01
Neuer Firmenname
new company name
Daimler Truck AG

1/B2/Change Color /2/A3/Change name/3/A2/Change cavity position/4/B2/B3/Change wire connection//		002	BAR2817N11	brclaro	rafsil1	see Smaragd
Änderungsindex / Änderungsbeschreibung state of revision / revision text		ZGS	Auftrags-Nr. order no.	Bearb./auth. Datum/date	Pruef./check Datum/date	Norm/stand Datum/date
Werkstoff (Endzustand) / material (fi.co.)	Oberfl.sch./surf.prot. DBL			Datum/date		Name/name
Farbe/color		Bearb./auth.	-	-		
Dekor/decoration	MBN 31030	Pruef./check	-	-		
Oberfl.ang./surf.texture	MBN 31007	Norm/stand.	-	-		
Oberfläche/surface (m ²)		Freig./rel.	see	Smaragd		
Stammdaten/ masterdata	D-Pflicht/required MBN 10317	VeDoc-Relevanz/relevance MBN 10385	ESD-Kennzeichen/code A0598030			
Smaragd	Art/ type	Anzahl Merkmale/ number of features	Anzahl/number of VPD-Ident-Nr./no.	federf.Abt./resp.dep.		
	DS			-		
D	DZ					
	Allg. Toleranzen/gen. tolerances		gesetzl.Merkmal/st.ftr.	ZGS	Auftr.-Nr./order no.	
Referenz-Nr./reference no.	Masse/mass (kg)	Benennung/title	STROMLAUFLPLAN			
Massstab/scale	System/system	NX 1953	ELECTROTECHNICAL CIRCUIT DIAGRAM			
Tolerierung/tolerancing		STAR POINT				
4			© Daimler AG	Schutzvermerk DIN ISO 16016 beachten! / Refer to protection notice DIN ISO 16016!	Format/sz.	Blatt/sh.
Letzter Aend-Index last state of revision					A2	2
					A 384 546 19 00	
Keine Änderung ohne Zustimmung der federführenden Konstruktion. / Any alterations are subject to the approval of the design department.						



1/A1,C7/Changed Area/2/Changed Area & Color/3/A7/Changed name/4/B3/Add circuit & Connectors/5/C4/Changed Pins
Quantity/6/B6/Add
Connector/7/C3,C6/Changed connector/8/C4/Add Module/9/f4/Add Code/10/B3/Changed code//

Aenderungsindex / Aenderungsbeschreibung state of revision / revision text ZGS Auftrags-Nr. order no. Bearb./auth. Datum/date Pruef./check Datum/date Norm/stand

Werkstoff (Endzustand) / material (f.i.co.) Oberfl.sch./surf.prot. DBL Farbe/color Bearb./auth. - -
Dekor/decoration MBN 31030 Pruef.check - -
Oberfl.lang./surf.texture MBN 31007 Norm/stand. - -

Stammdaten/ D-Pflicht/required MBN 10317 VeDoc-Relevanz/relevance MBN 10385 ESD-Kennzeichen/code Smaragd Art/ Anzahl Merkmale/ Anzahl/number of VPD-Ident-Nr./no. A0599030

DS - - - federl.Abt./resp.dep.
DZ - - -

Allg. Toleranzen/gen. tolerances gesetzl.Merkmal/st.frt. ZGS Aufr.-Nr./order no.

Referenz-Nr./reference no. Masse/mass (kg) Benennung/title

Massstab/scale System/system STROMLAUFPLAN

Tolerierung/tolerancing NX 1953 ELECTROTECHNICAL CIRCUIT DIAGRAM

STAR POINT

Daimler AG Mercedes-Benz Schutzvermerk DIN ISO 16016 beachten / Refer to protection notice DIN ISO 16016

Format/sz. A1 3 Sach.Nr./basic number A 384 546 19 00

Keine Aenderung ohne Zustimmung der federführenden Konstruktion, Any alterations are subject to the approval of the design department.

04A20	Advanced Sensor Actor Modul ASAM
04A24	Extended Activity Modul EAM4
05A02	Central gateway CGW
21A07	Level control unit CLCS
21A08	Level control unit CLCR
22A07	ECU for articulation ATC - dg Chassis vehicles
22A04	Additional Steering Axle ASA
24A03	EAPU control unit
W0201	Ground main control panel
W3707	Mass main switchboard CAN star point
X3707	CAN star point Exterior 1 (500 Kb/S)
X3708	CAN star point Exterior 1 (500 Kb/S) Rear Engine
Item	Description

* Applicable only for Artic

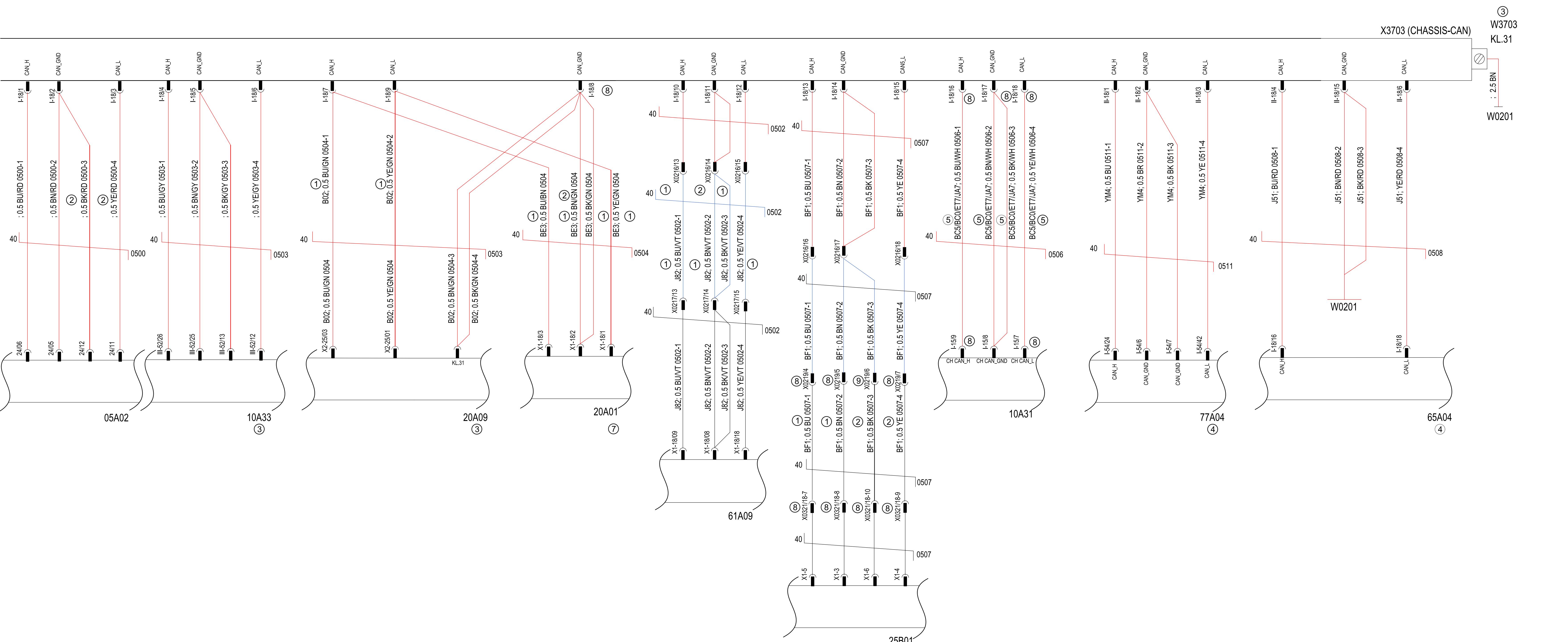
** For rear engine vehicles the start point X3708 is assembled in the rear part of vehicle

CODE
AN5 - SEGUNDO EIXO TRASEIRO DIRIGIVEL ATIVO
C24 - REGULAGEM DE NIVEL DO VEICULO (ENR-ECAS)
IT1 - 37,0 TONELADAS
IV8 - 28 TON.
IV9 - 31,0 TONELADAS
IB7 - SERIES IBC
IB9 - SERIES CBC ARTICULATED
MG9 - LOCAL INTERFACENETWORK (LIN)

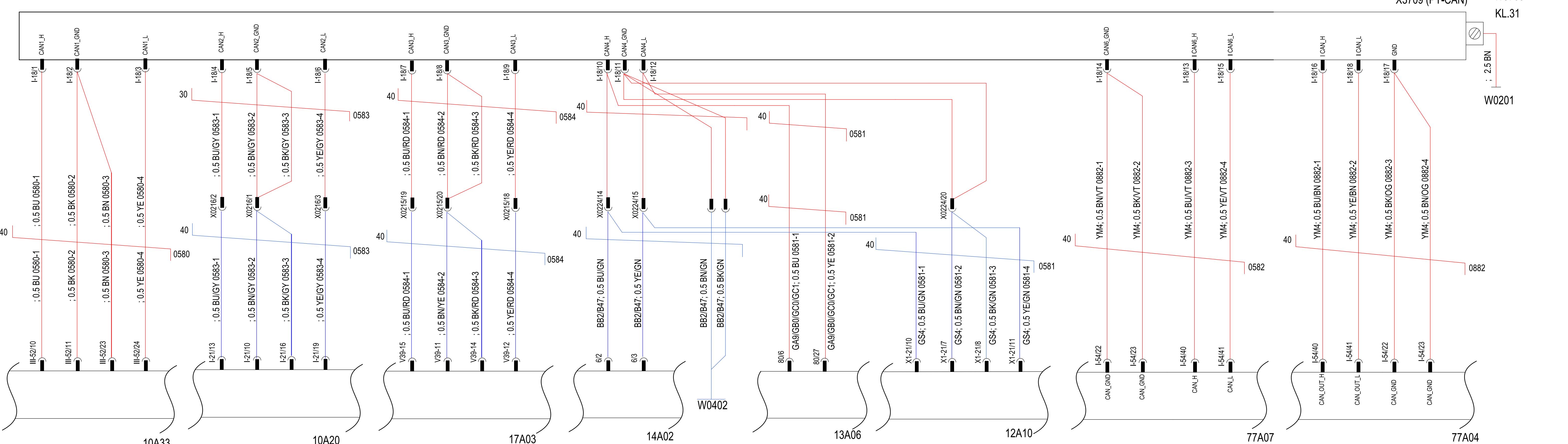
Ab/As of 2019-11-01
Neuer Firmenname
new company name
Daimler Truck AG

⑨

⑧



STAR POINT FOR VEHICLES WITH FRONT ENGINE



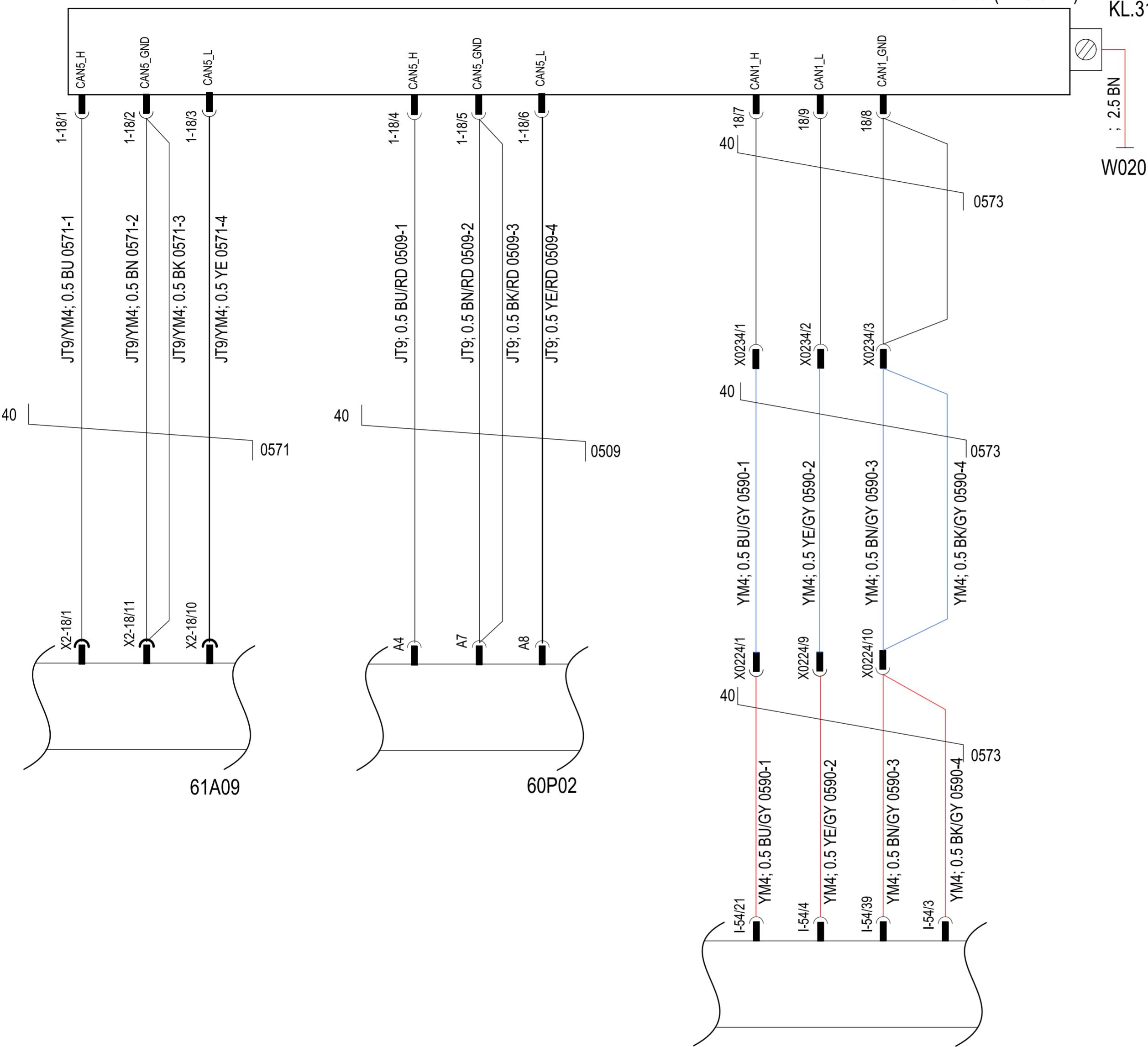
V39 Green Connector (ACM Module)

CODE

BB2 - RETARDADOR TELMA
B47 - PREPARACAO PARA RETARDADOR TELMA
GA9 - CAMBIO AUTOMATICO ALLISON T270
GB0 - CAMBIO AUTOMATICO ALLISON S2100
GC1 - CAMBIO AUTOMATICO ALLISON B300
YM4 - ONBOARD COMPUTER WITH CTP
GS4 - AUTOMATIC TRANSMISSION "TELLIGENT"

10A20	Motor Control Module MCM
10A33	Common Powertrain Controller CPC5
12A10	Transmission Control Unit TCM
13A06	Allison AGN automatic transmission control unit
14A02	Electromagnetic Retarder Unit
17A03	Aftertreatment Control Module ACM3
77A04	Fleet management system on-board computer
77A07	CAN-Gateway Powertrain -CAN
W0201	Ground main control panel
W0402	Ground rear
W3709	Mass CAN star point
X3709	CAN star point Powertrain 1 (667 KB)
Item	Description

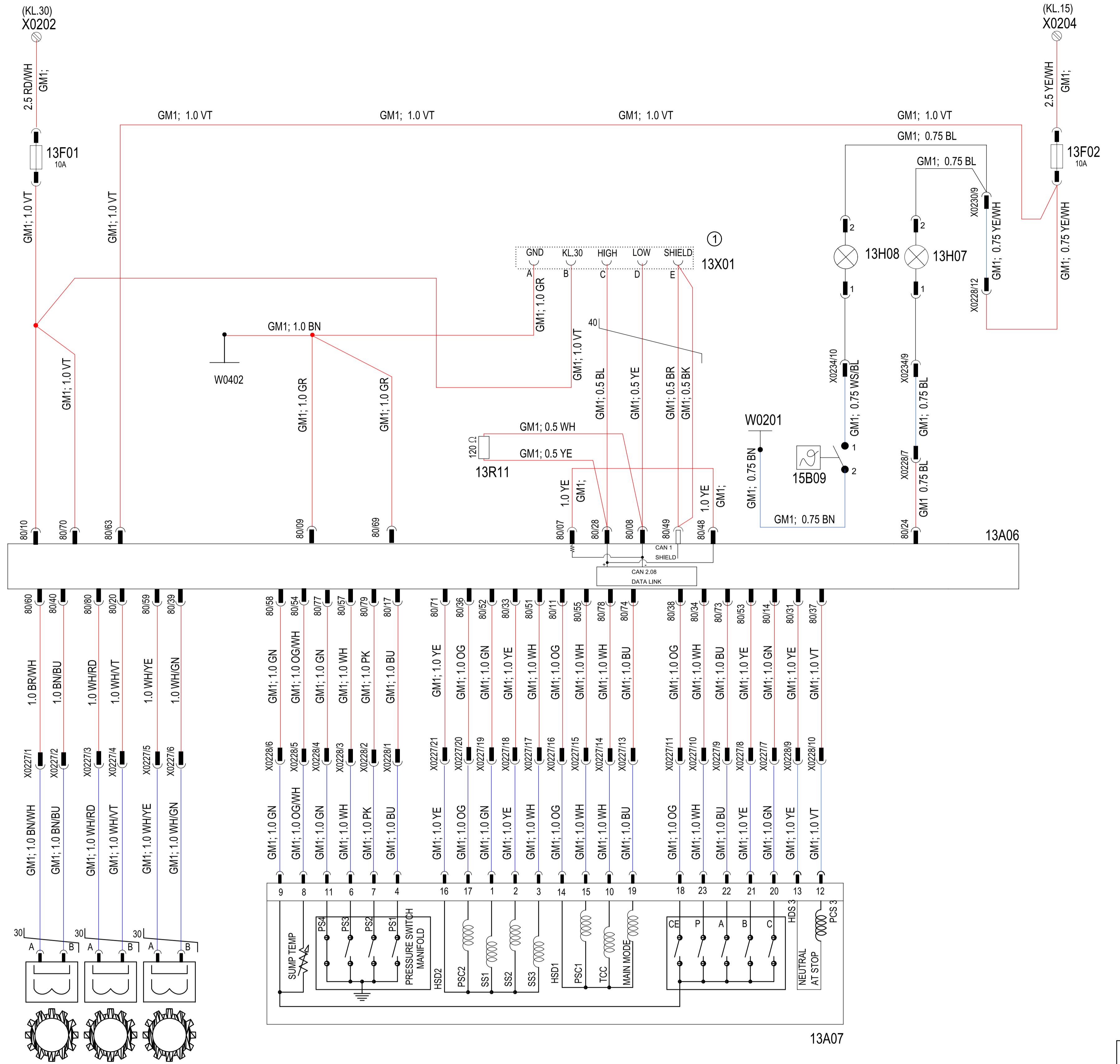
Änderungszeichen / Änderungsbeschränkung state of revision / revision text		ZGS	Auftrags-Nr. order no.	Bearb./auth. Datum/date	Prüf-/Check- Datum/date	Normstand Name/name
Werkstoff (Endzustand) / material (l.r.o.n.)	Oberfl.sch./surf.prot., DBL					
Farbe/color	Bearb./auth.	2023-06-07	rfsil			
Dekor/decoration	MBN 31030	Prüf-/check				
Oberflang./surf.texture	MBN 31007	Normstand.	siehe/see	Smaragd		
Oberflach/surface (m ²)						
Stammdaten/masterdata	Durchflussregul. MBB 0337	Velocoo-Relevanz/relevance	MBN 10386	gesetzl./gesetzliche code		
	(Art.) Anzahl/Menge/number of					
Smaragd	type	features	VPD-Ident/No.			
DS	DS			federl./Abt./resp.dep.		
DZ	DZ			BUS/PCB		
Allg. Toleranzen/gen. tolerances				gesetzl.Merkmal/st.frt.		
Referenz-Nr./reference no.		Massen/mass (kg)		ZGS Auftr.-Nr./order no.		
Massstab/scale		System/system	NX 1953	002 BAR2817N11		
Tolerierung/tolerancing						
Letzter Aend.-Index last state of revision						
© Daimler Truck AG						
Standardwerk DIN ISO 16016 beachten / Refer to protection notice DIN ISO 16016!						
Mercedes-Benz						
Keine Änderung ohne Zustimmung der federführenden Konstruktion. / Any alterations are subject to the approval of the design department.						



61A09	Instrument cluster control unit (ICUC)
77A04	Fleet management system on-board computer
60P02	Tachograph
W0201	Ground main control panel
W3728	Mass CAN start point
X3728	CAN star point HMI-CAN
Ident	Description

CODE
YM4 - ONBOARD COMPUTER WITH CTP
JT9 - TACHOGRAPH DIGITAL

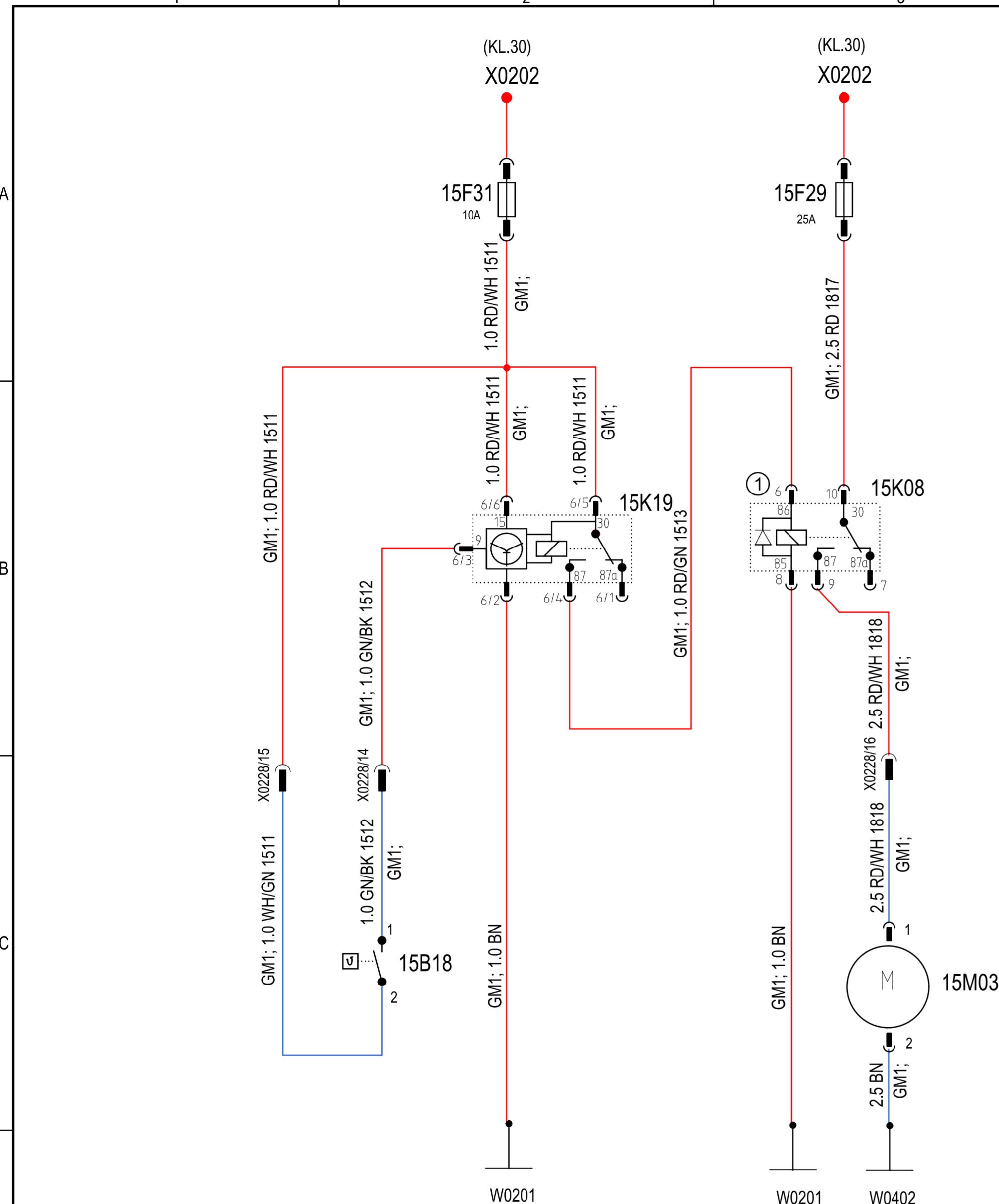
New responsible add//	002	BAR2817N11	brclaro	rafsil1	see Smaragd
Aenderungsindex / Aenderungsbeschreibung state of revision / revision text	ZGS	Auftrags-Nr. order no.	Bearb./auth. Datum/date	Pruef./check Datum/date	Norm/stand Datum/date
Werkstoff (Endzustand) / material (fi.co.)	Oberfl.sch./surf.prot. DBL		Datum/date	Name/name	
Farbe/color		Bearb./auth.	-	-	
Dekor/decoration	MBN 31030	Pruef./check	-	-	
Oberfl.ang./surf.texture	MBN 31007	Norm/stand.	-	-	
Oberflaeche/surface (m ²)	Freig./rel.	see	Smaragd		
Stammdaten/ masterdata	D-Pflicht/required	MBN 10317	VeDoc-Relevanz/relevance	MBN 10385	ESD-Kennzeichen/code
Smaragd	Art/	Anzahl Merkmale/ number of features		Anzahl/number of VPD-Ident.-Nr./no.	A0598030
	DS			federf.Abt./resp.dep.	
	DZ			-	
Allg. Toleranzen/gen. tolerances	gesetzl.Merkmal/st.ftr.	ZGS	Auftr.-Nr./order no.		
Referenz-Nr./reference no.	Masse/mass (kg)	Benennung/title			
Massstab/scale	System/system	STROMLAUFPPLAN			
Tolerierung/tolerancing	+/-	NX 1953	ELECTROTECHNICAL CIRCUIT DIAGRAM		
Letzter Aend-Index last state of revision	STAR POINT				
	© Daimler Truck AG	Schutzvermerk DIN ISO 16016 beachten! Refer to protection notice DIN ISO 16016!	Format/sz.	Blatt/sh.	Sach-Nr./basic number
			A2	6	A 384 546 19 00
Keine Änderung ohne Zustimmung der federführenden Konstruktion. / Any alterations are subject to the approval of the design department.					



Item	Description
13A06	Allison AGN automatic transmission control unit
13A11	Transmission Control module Voith (TCMV)
13B01	Output speed sensor
13B02	Transmission input speed sensor
13B04	Turbine speed sensor
13F01	Automatic transmission fuse KL.30
13F02	Automatic transmission fuse KL.15
13H07	Shift Inhibit Indicator
13H08	Shift lock indicator light
13R11	Diagnostic socket terminating resistor
13X01	Allison AGN automatic transmission diagnosis socket
W0402	Ground 2 rear
X0202	KL.30 Main distributor Electric Compartment
X0204	KL.15 Main distributor Electric Compartment

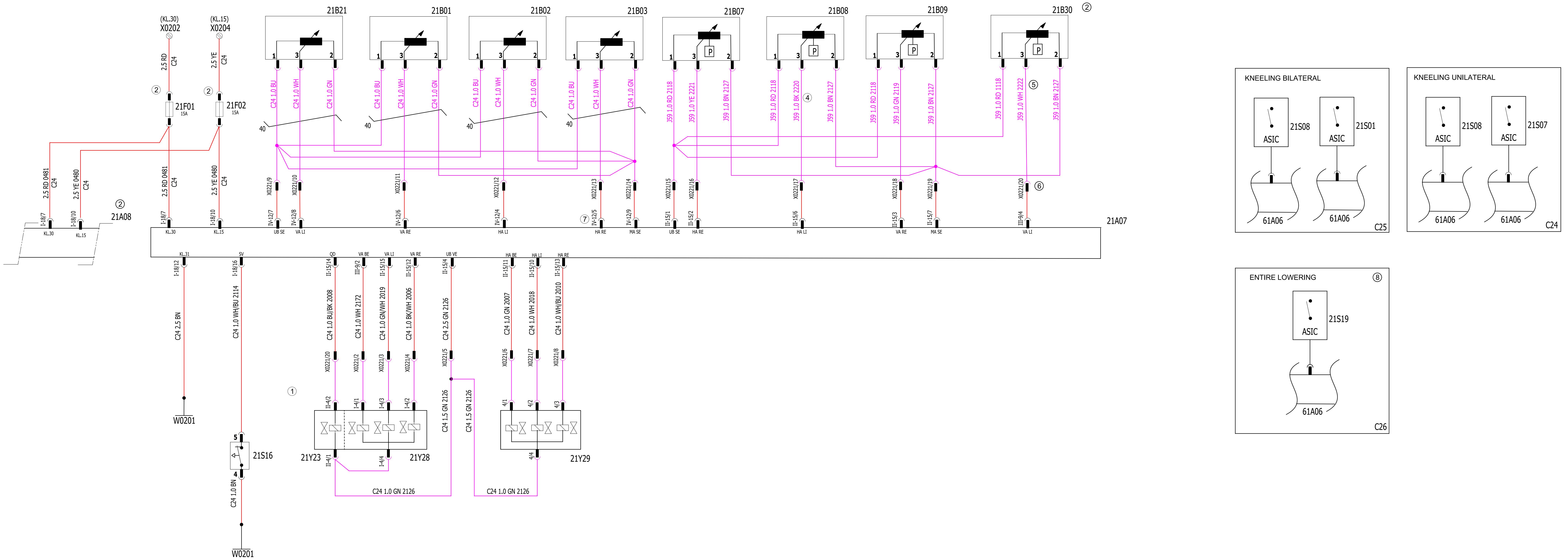
CODE
GM1 - ALLISON AUTOMATIC TRANSMISSION T2100XFE

/B5/Change component name//			002	BAR2817N11		brclaro 23-06-07	dalbelo 23-06-07	siehe Smaragd		
Änderungsindex / Änderungsbeschreibung state of revision / revision text			ZGS	Auftrags-Nr. order no.		Bearb./auth. Datum/date	Pruef./check Datum/date	Norm/stand Datum/date		
Werkstoff (Endzustand) / material (fi.co.)			Oberfl.sch./surf.prot. DBL			Datum/date		Name/name		
			Farbe/color			Bearb./auth.	-	-		
			Dekor/decoration		MBN 31030	Pruef./check	-	-		
			Oberfl.ang./surf.texture		MBN 31007	Norm/stand.	-	-		
			Oberfläche/surface (m ²)			Freig./rel.	see	Smaragd		
stammdaten/ asterdata Smaragd	D-Pflicht/required MBN 10317			VeDoc-Relevanz/relevance MBN 10385		ESD-Kennzeichen/code A0598030				
	Art/ type	Anzahl Merkmale/ number of features			Anzahl/number of VPD-Ident-Nr./no.	federf.Abt./resp.dep. -				
	DS									
	DZ									
Ilg. Toleranzen/gen. tolerances					gesetzl.Merkmal/st.ftr.	ZGS	Auftr.-Nr./order no.			
Referenz-Nr./reference no.		Masse/mass (kg)		Benennung/title STROMLAUFPLAN						
Massstab/scale		System/system NX 1953		ELECTROTECHNICAL CIRCUIT DIAGRAM						
Tolerierung/tolerancing				ALLISON S2100						
 Mercedes-Benz		© Daimler Truck AG Schutzvermerk DIN ISO 16016 beachten! Refer to protection notice DIN ISO 16016!			Format/sz. A1	Blatt/sh. 1	Sach-Nr./basic number A 384 546 20 00			



15B18	Oil Cooler Temperature Sensor
15F29	Oil Cooling Fan Motor Fuse
15F31	Timer Relay Fuse
15K08	Additional Radiator System Relay
15K19	Timer Relay for Fan
15M03	Oil Cooling Fan Motor
W0201	Ground 1 Main Control Panel
W0402	Ground 2 Rear
X0202	KL.30 Main Distributor Electric Compartment
Item	Description

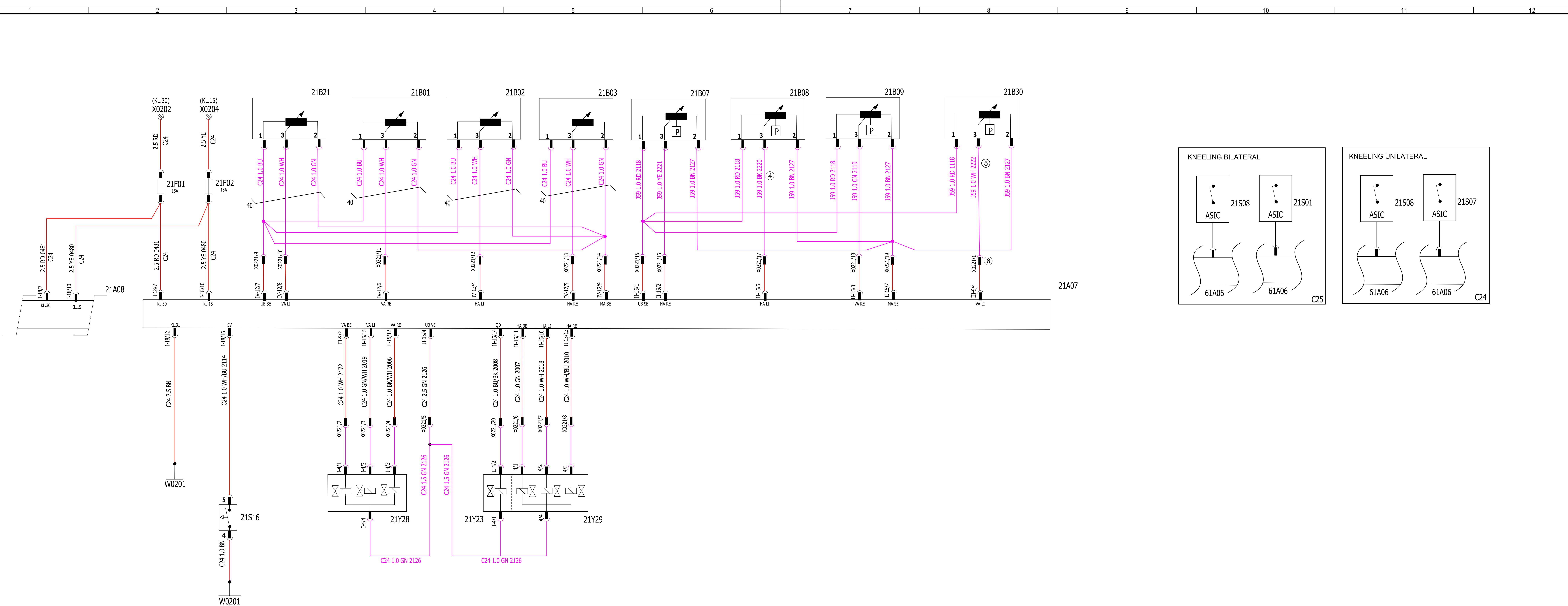
1/B3/Updated Symbol//.	002	BAR2817N11	jonflor	dalbelo	see Smaragd
Aenderungsindex / Aenderungsbeschreibung state of revision / revision text	ZGS	Auftrags-Nr. order no.	Bearb./auth. Datum/date	Pruef./check Datum/date	Norm/stand Datum/date
Werkstoff (Endzustand) / material (fi.co.)	Oberfl.sch./surf.prot. DBL		Datum/date	Name/name	
	Farbe/color	Bearb./auth.	-	-	
	Dekor/decoration	MBN 31030	Pruef./check	-	-
	Oberfl.ang./surf.texture	MBN 31007	Norm/stand.	-	-
	Oberflaeche/surface (m ²)	Freig./rel.	see	Smaragd	
Stammdaten/ masterdata	D-Pflicht/required	MBN 10317	VeDoc-Relevanz/relevance	MBN 10385	ESD-Kennzeichen/code
Smaragd	Art/	Anzahl Merkmale/ number of features		Anzahl/number of VPD-Ident-Nr./no.	A0598030
	DS				federf.Abt./resp.dep.
	DZ				-
Allg. Toleranzen/gen. tolerances		gesetzl.Merkmal/st.ftr.	ZGS	Auftr.-Nr./order no.	
Referenz-Nr./reference no.	Masse/mass (kg)	Benennung/title			
		STROMLAUFPLAN			
Massstab/scale	System/system	NX 1953			
Tolerierung/tolerancing					ELECTROTECHNICAL CIRCUIT DIAGRAM
Letzter Aend-Index last state of revision					ALLISON S2100
	© Daimler Truck AG	Schutzvermerk DIN ISO 16016 beachten! Refer to protection notice DIN ISO 16016!	Format/sz.	Blatt/sh.	Sach-Nr./basic number
			A2	2	A 384 546 20 00
Keine Aenderung ohne Zustimmung der federführenden Konstruktion. / Any alterations are subject to the approval of the design department.					



21A07	Level control unit CLCS		
21A08	Rear section level control system control unit (CLCR)	(2)	
61A06	Switching Module (MSF-slave) dashboard		
21B01	Right front axle level control sensor		
21B02	Rear axle left ride-height sensor	21S07	Level control Kneeling switch
21B03	Rear axle right ride-height sensor	21S08	Level control RAISE switch
21B07	Rear axle right air spring bellow pressure sensor	21S16	Level control KNEELING cutout switch
21B08	Rear axle left air spring bellow pressure sensor	21S19	Level control RAISE/LOWER switch
21B09	Front axle air spring bellow pressure sensor	W0201	Ground 1 Main Control Panel
21B21	Left front axle level control sensor	(2)	X0204 KL.15 Main distribution Electric Compartment
21B30	Right FA air suspension bellows sensor	(2)	X0202 KL30 Main Distributor Electric Compartment
21F01	Level control fuse KL.30	(2)	21Y23 CLCS Solenoid Transverse Lock
21F02	Level control fuse KL.15		21Y28 CLCS Solenoid valve block axle 1
21S01	Level control switch (Kneeling P/L)		21Y29 CLCS Solenoid valve block axle 2

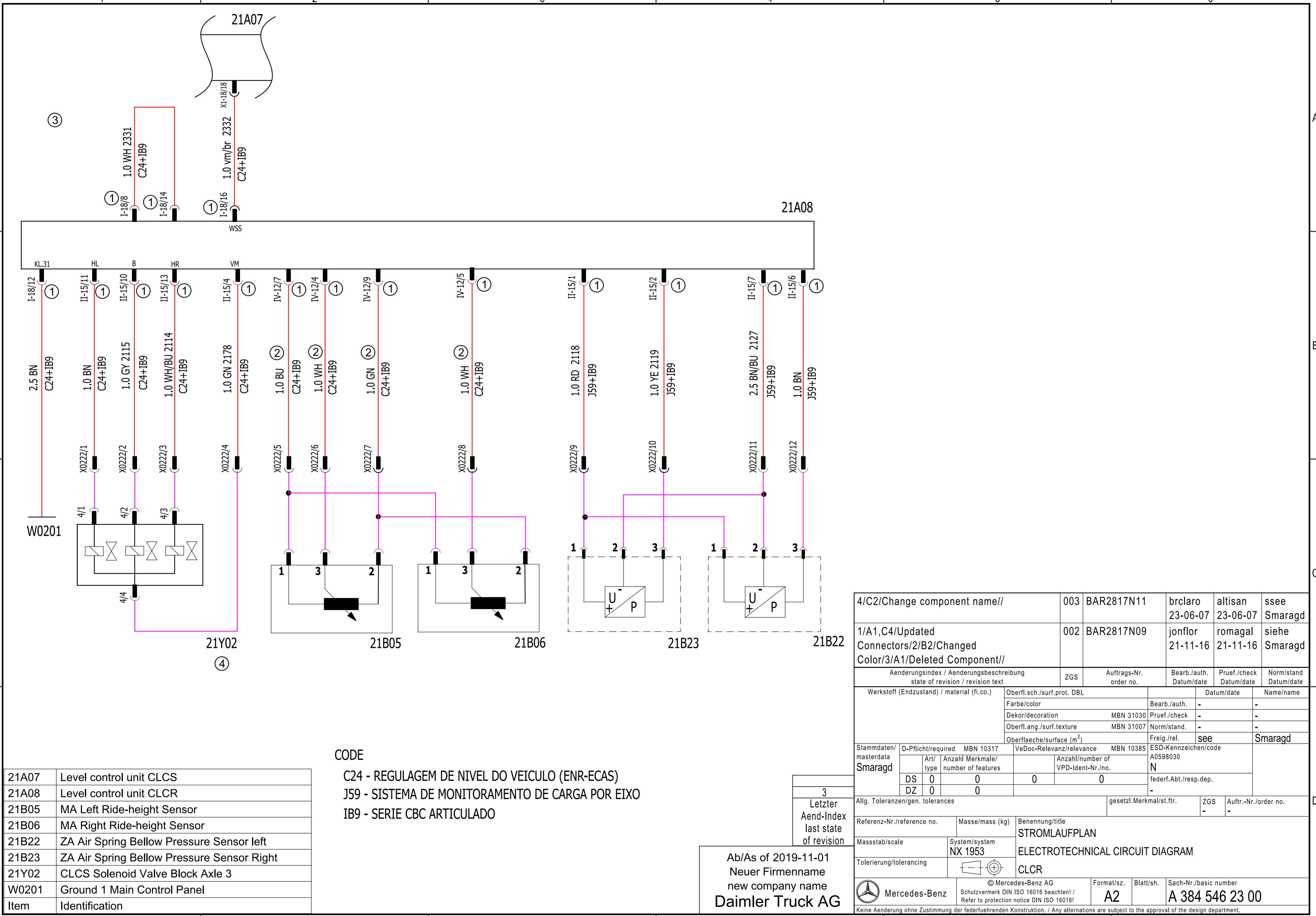
CODE
C24 - REGULAGEM DE NIVEL DO VEICULO (ENR-ECAS)
C25 - SISTEMA DE AJUSTE HAMAMENTO BT-I ATERAI

C25 - SISTEMA DE AJOELHAMENTO BI-LATERAL
C26 - SISTEMA DE MONITORAMENTO DE CARGA POR FIXO



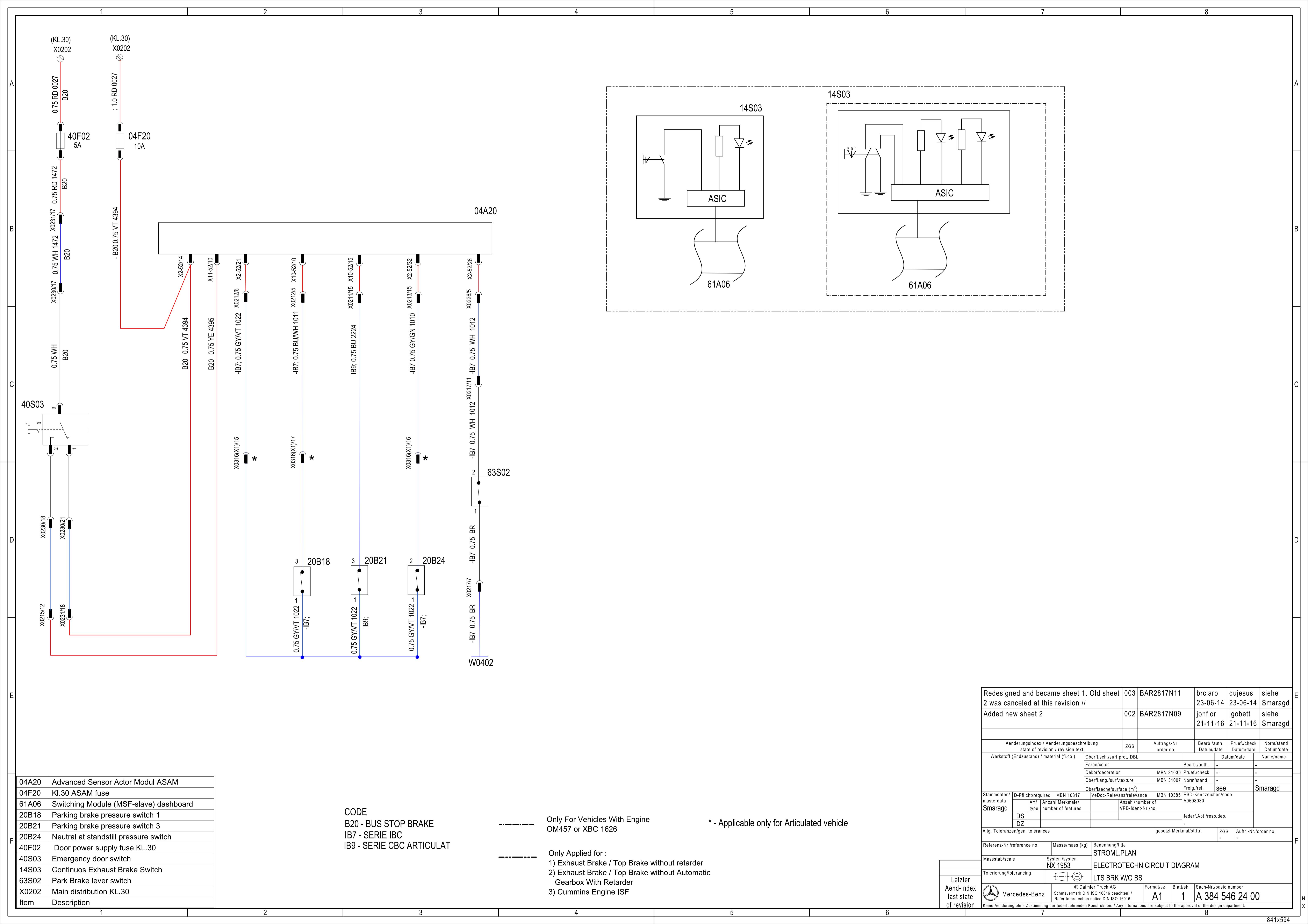
CODE
C24 - REGULAGEM DE NIVEL DO VEICULO (ENR-ECAS)
C25 - SISTEMA DE AOELHAMENTO BI-LATERAL
J59 - SISTEMA DE MONITORAMENTO DE CARGA POR EIXO

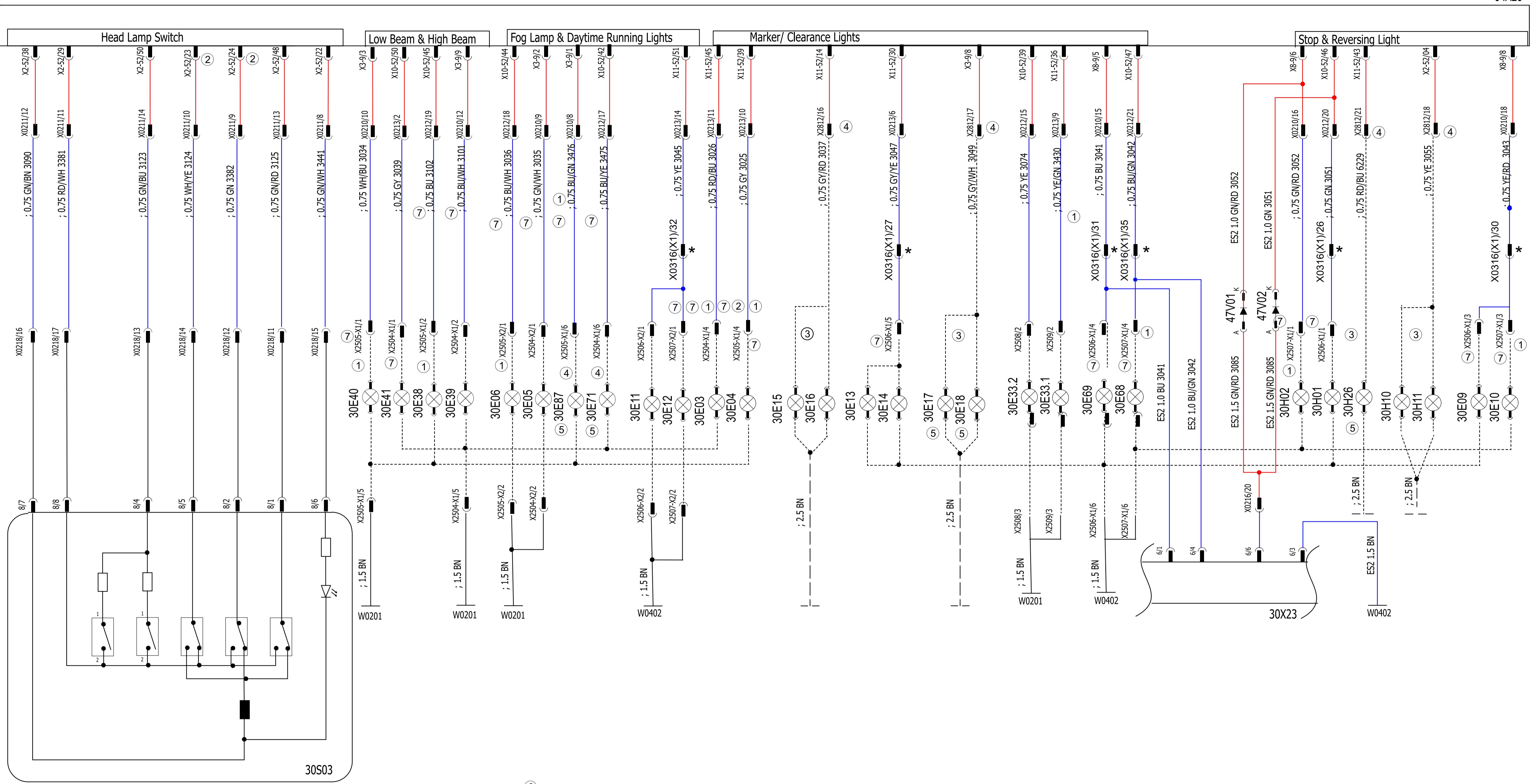
6/B8/Changed cavity//	003	BAR2817N11	brclaro	23-06-07	siehe Smaragd
Added sheet 2	002	BAR2817N09	jonflor	romagal	siehe Smaragd
Aenderungszeichen / Änderungsbeschreibung state of revision / revision text	ZGS	Auftrags-Nr. order no.	Bearb./auth. Datum/date	Prüf-/check Datum/date	Normstand Datum/date
Werkstoff (Einzustand) / material (l.r.o.)	Oberfl.sch./surf.prot., D8L				Name/name
Farbe/color	Bearb./auth.	-	-	-	-
Dekor/decorat.	MBN 31030	Prüf./check	-	-	-
Oberfl.lang./surf.texture	MBN 31007	Normstand	-	-	-
Oberfl.besch./surface (m²)					
Stammdaten/ masterdata	Durchflussregung MBN 0337 (Art.) Anzahl Merkmale type number of features	Velocoo-Relevanz Vorlesbarkeit Zeichenzeichen/cod.	MBN 1038 Anzahl VPD-Ident-Nr. number of VPD-Ident-Nr.		Smaragd
Smaragd	DS			federl.Abl./resp.dep.	
	DZ				
Allg. Toleranzen/gen. tolerances	gesetzl.Merkmal/l.stfr.				ZGS
Referenz-Nr./reference no.	Masse/mass (kg)	Benennung/titel STROMLAUFPPLAN			-
Massstab/scale	System/ystem NX 1953	ELECTROTECHNICAL CIRCUIT DIAGRAM			
Titel/Title/Bezeichnung Smaragd					
Letzter Aend.-Index last state of revision	© Daimler Truck AG Schutzvermerk DIN ISO 16019 beachten! Refer to protection notice DIN ISO 16019!	Format/size A0	Blatt/sh. 2	Sach-Nr./basic number A 384 546 22 00	Keine Änderung ohne Zustimmung der federführenden Konzeption! / Any alterations are subject to the approval of the design department.



Ab/As of 2019-11-01
Neuer Firmenname
new company name
Daimler Truck AG

Keine Aenderung ohne Zustimmung der federführenden Konstruktion. / Any alternations are subject to the approval of the design department.

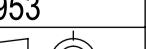


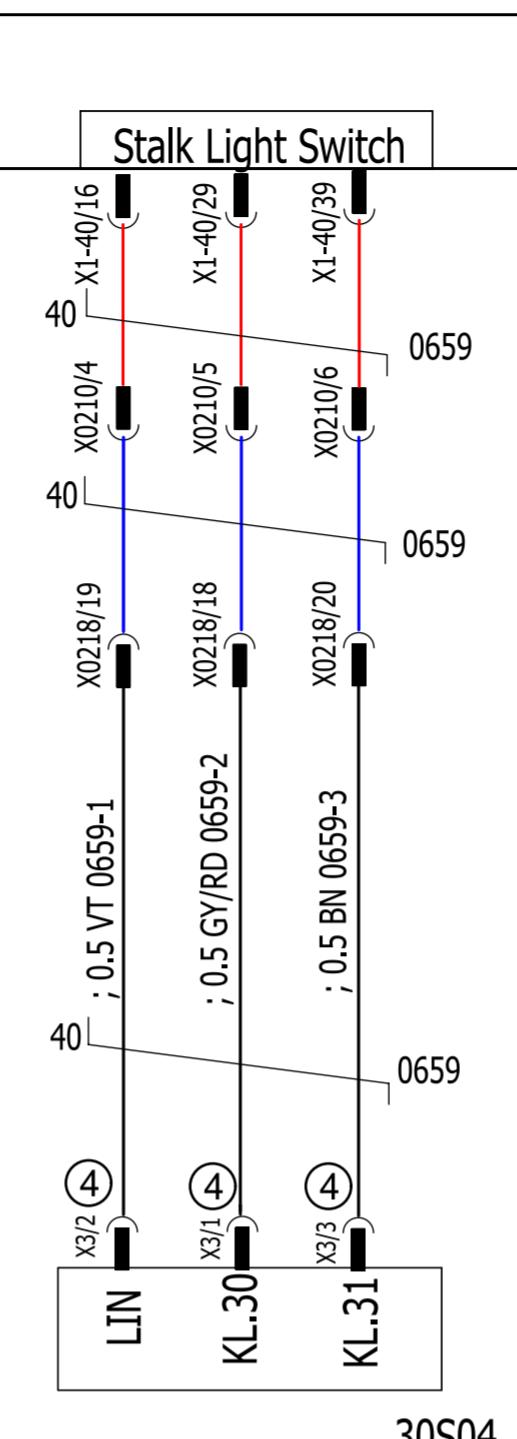
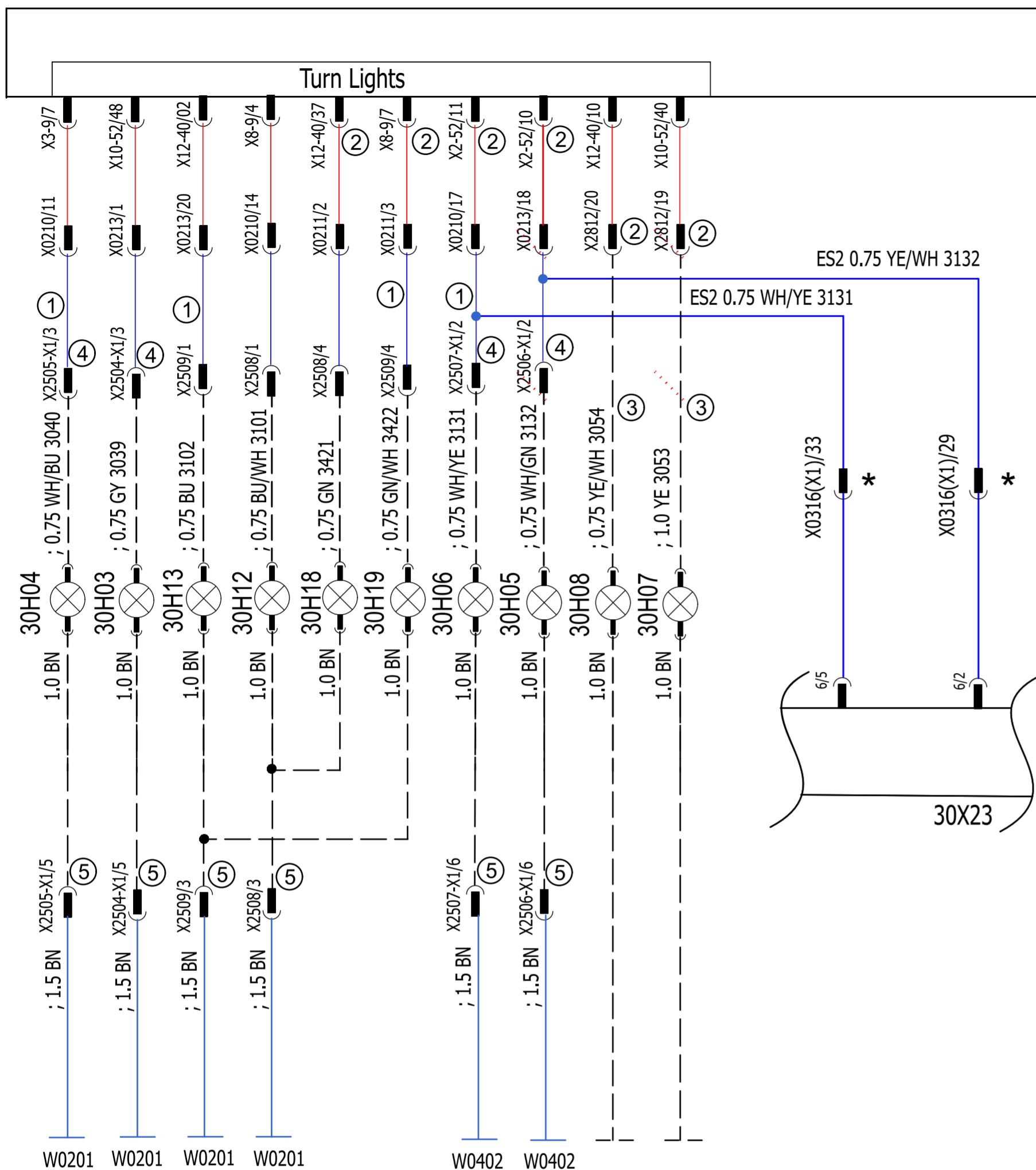


Item	Description	Ident	Description
04A20	Advanced Sensor Actor Modul ASAM	30E69	Left tail lamp
30E03	Left perimeter/marker lamp	30E71	Left Daytime Running Light
30E04	Right perimeter/marker lamp	30E87	Right Daytime Running Light
30E05	Left front fog lamp	30H01	Left brake lamp
30E06	Right front fog lamp	30H02	Right brake lamp
30E09	Left reverse gear lamp	30H10	Upper left brake lamp
30E10	Right reverse gear lamp	30H11	Upper right brake lamp
30E11	Left rear fog lamp	30H26	5th stop lamp
30E12	Right rear fog lamp	30S03	Standing lamp/low beam switch
30E13	Left license plate lamp	30X23	Towing Socket
30E14	Right license plate lamp	47V01	Frequent-stop brake diode
30E15	Left front position lamp	47V02	Frequent-stop brake diode
30E16	Right front position lamp	W0201	Ground Front
30E17	Left rear position lamp	W0402	Ground Rear
30E18	Right rear position lamp	X2504	Left front lighting interface connector
30E33.1	Right Side marker lamp	X2505	Right front lighting interface connector
30E33.2	Left Side marker lamp	X2506	Left rear lighting interface connector
30E38	Main beam headlamp Right	X2507	Right rear lighting interface connector
30E39	Main beam headlamp Left	X2508	Left Side Lighting Interface connector
30E40	Low beam lamp Right	X2509	Right Side Lighting Interface connector
30E41	Low beam lamp Left	X2812	Body Builder Connector see A 384 546 46 00
30E68	Right tail lamp		

* Applicable only for Artic

CODE ES2 - TOMADA ELETRICA PARA REBOQUE DIANTEIRO

IANTEIRO	Rename responsible//					003	BAR2817N11		brclaro 23-06-07	oligui 23-06-07	siehe Smaragd			
	1/A1,C8/Connector change position/2/A1/Changed Cavity positio/3/A5/Deleted Connector/4/B5/Replaced Connector/5/C3,C6/Change Reference/6/E2/Updated table/7/A1-D8/Updated Connector name//					002	BAR2817N09		jonflor 21-11-16	mfukuna 21-11-16	siehe Smaragd			
	Aenderungsindex / Aenderungsbeschreibung state of revision / revision text					ZGS	Auftrags-Nr. order no.		Bearb./auth. Datum/date	Pruef./check Datum/date	Norm/stand Datum/date			
	Werkstoff (Endzustand) / material (fi.co.)					Oberfl.sch./surf.prot. DBL			Datum/date		Name/name			
	Farbe/color					Bearb./auth.		-	-		-			
	Dekor/decoration					MBN 31030	Pruef./check		-	-		-		
	Oberfl.ang./surf.texture					MBN 31007	Norm/stand.		-	-		-		
	Oberflaeche/surface (m ²)						Freig./rel.	see	Smaragd					
7 Letzter Aend-Index last state of revision	Stammdaten/ masterdata Smaragd	D-Pflicht/required			MBN 10317	VeDoc-Relevanz/relevance		MBN 10385	ESD-Kennzeichen/code					
		Art/ type	Anzahl Merkmale/ number of features			Anzahl/number of VPD-Ident-Nr./no.			A0598030					
		DS	0		0	0		0	N					
		DZ	0		0				federf.Abt./resp.dep.					
Allg. Toleranzen/gen. tolerances					gesetzl.Merkmal/st.ftr.		ZGS	Auftr.-Nr./order no.			F			
Referenz-Nr./reference no.			Masse/mass (kg)		Benennung/title STROML.PLAN ELECTROTECHN.CIRCUIT DIAGRAM LTS ICUC ILLUM									
Massstab/scale			System/system		NX 1953									
Tolerierung/tolerancing														
 Mercedes-Benz			© Daimler AG Schutzvermerk DIN ISO 16016 beachten! / Refer to protection notice DIN ISO 16016!		Format/sz. Blatt/sh.		Sach-Nr./basic number A 384 546 25 00							



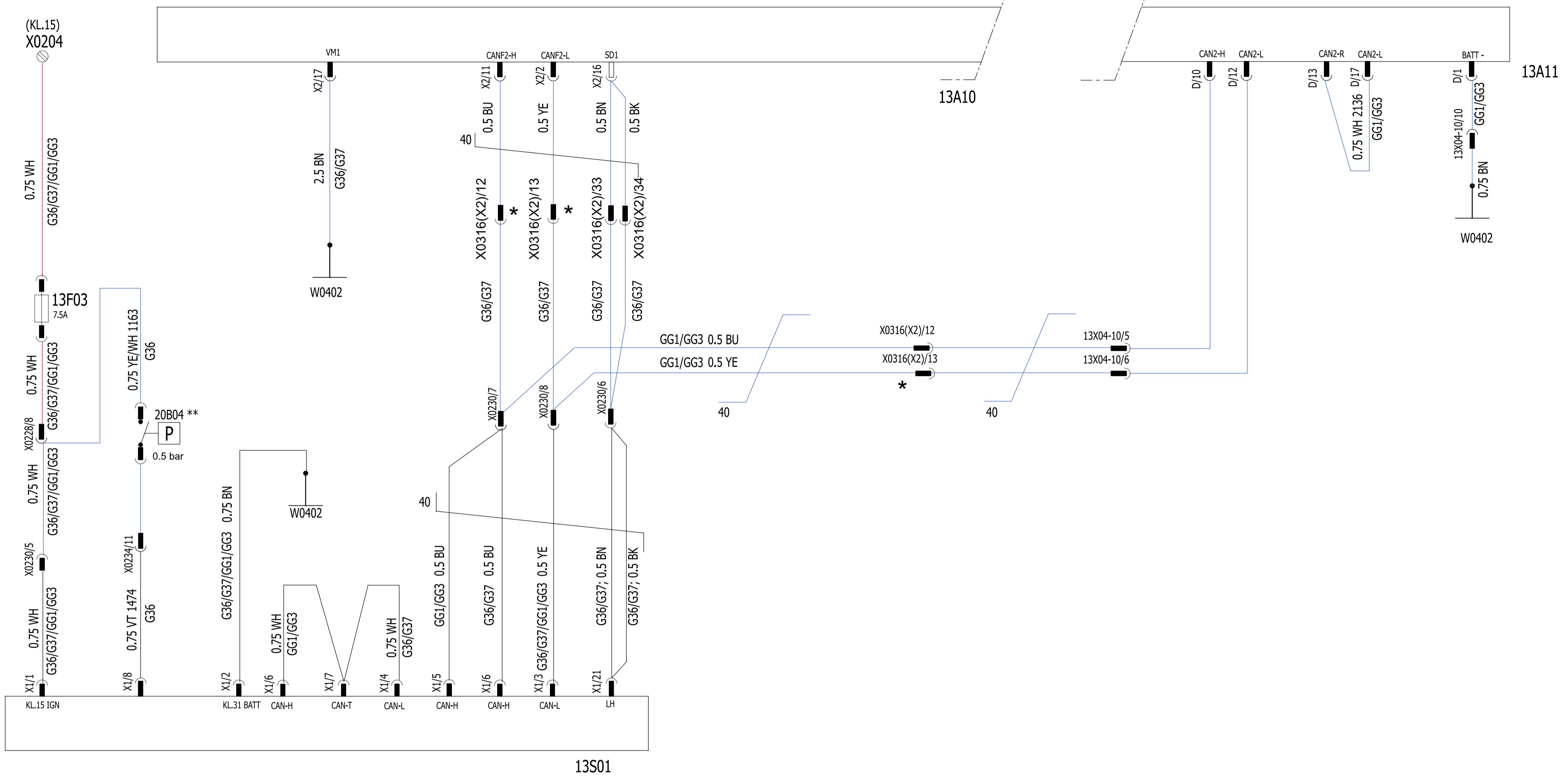
Item	Description	Item	Description
04A20	Advanced Sensor Actor Modul ASAM		
30H03	Left front direction indicator lamp		
30H04	Right front direction indicator lamp		
30H05	Left rear direction indicator lamp		
30H06	Right rear direction indicator lamp	W0402	Ground Rear
30H07	Upper left rear direction indicator lamp	W0201	Ground Front
30H08	Upper right rear direction indicator lamp	X2504	Left front lighting interface connector
30H12	Left front side direction indicator lamp	X2505	Right front lighting interface connector
30H13	Right front side direction indicator lamp	X2506	Left rear lighting interface connector
30H18	Left side direction indicator lamp	X2507	Right rear lighting interface connector
30H19	Right side direction indicator lamp	X2508	Left side lighting interface connector
30S04	Main beam/headlamp flasher switch	X2509	Right side lighting interface connector
30X23	Towing Socket	X2812	Body Builder Connector see A 384 546 46 0

CODE

ES2 - TOMADA ELETRICA PARA REBOQUE DIANTEIRO

* - Applicable only for Artic

Ab/As of 2019-11-01
Neuer Firmenname
new company name
Daimler Truck AG



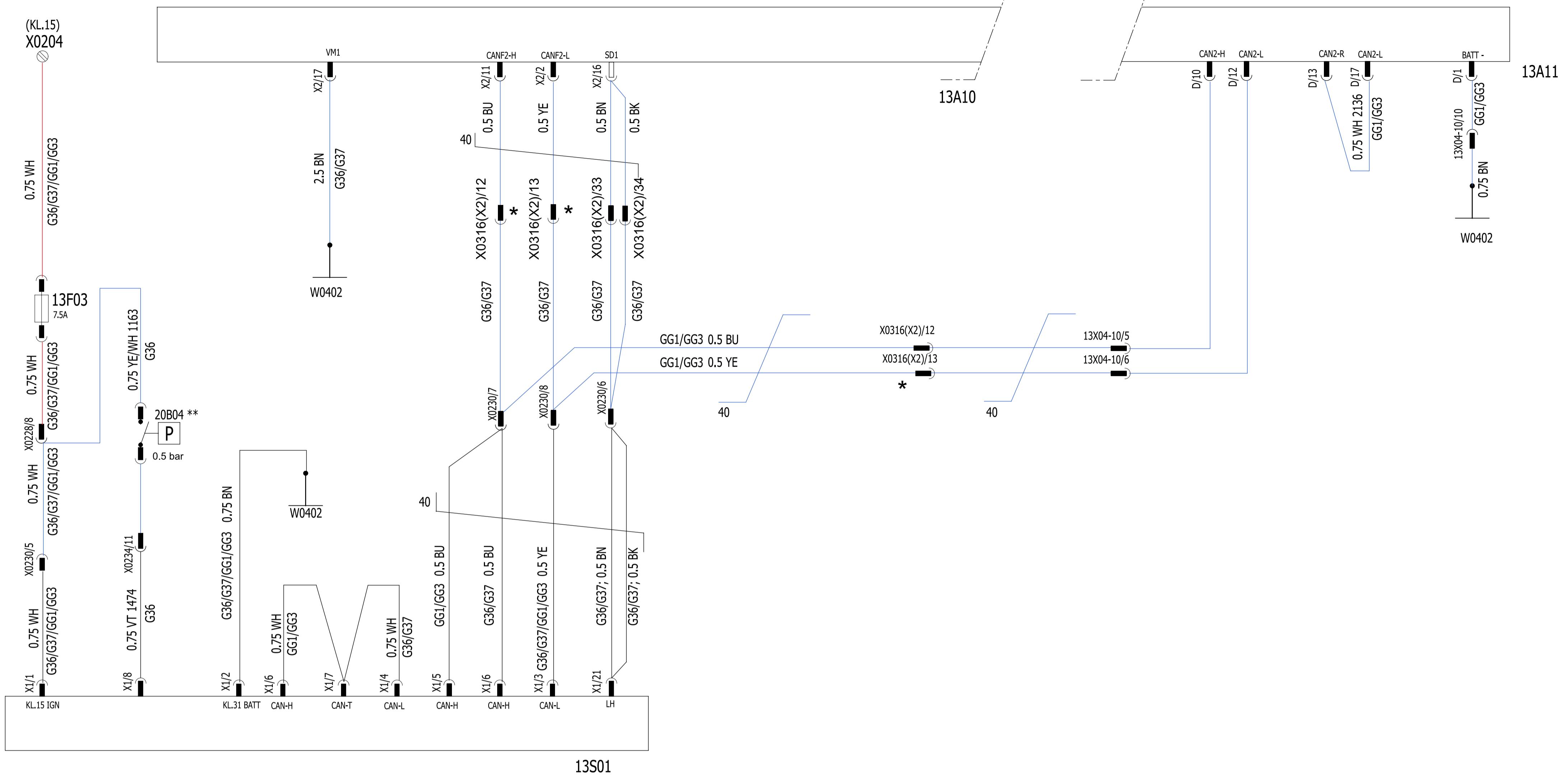
NOTE:

**** ONLY WITH F6 VEHICLES WITH ECOLTEC AND dABS**

* Applicable only for Arctic

Item	Description
13A10	Transmission control module ZF (TCMZ)
13A11	Transmission control module Voith (TCMV)
13F03	KL.15 Transmission Gear Selection Switch ZF
13S01	Transmission gear selection switch
20B04	Neutral at standstill pressure switch
W0402	Ground 2 rear
X0204	KL15 Main Distributor Electric Compartment

Aenderungsindex / Aenderungsbeschreibung state of revision / revision text			ZGS	Auftrags-Nr. order no.		Bearb./auth. Datum/date	Pruef./check Datum/date	Norm/stand Datum/date		
Werkstoff (Endzustand) / material (fi.co.)			Oberfl.sch./surf.prot. DBL			Datum/date		Name/name		
			Farbe/color			Bearb./auth.	2023-06-07	BRCLARO		
			Dekor/decoration			MBN 31030	Pruef./check	2023-06-07		
			Oberfl.ang./surf.texture			MBN 31007	Norm/stand.	-		
			Oberflaeche/surface (m ²)			Freig./rel.	2023-06-07	DALBELO		
Stammdaten/ masterdata Smaragd	D-Pflicht/required		MBN 10317	VeDoc-Relevanz/relevance		MBN 10385	ESD-Kennzeichen/code			
		Art/ type	Anzahl Merkmale/ number of features		Anzahl/number of		A0598030			
		DS			VPD-Ident-Nr./no.		federf.Abt./resp.dep.			
		DZ					BUS/PCB			
Allg. Toleranzen/gen. tolerances					gesetzl.Merkmal/st.ftr.		ZGS 001	Auftr.-Nr./order no. BAR2817N11		
Referenz-Nr./reference no.		Masse/mass (kg)	Benennung/title STROML.PLAN							
Massstab/scale		System/system NX 1953	ELECTROTECHN.CIRCUIT DIAGRAM							
Tolerierung/tolerancing Smaragd			AUT. ZF/VOITH							
		© Daimler Truck AG Schutzvermerk DIN ISO 16016 beachten! / Refer to protection notice DIN ISO 16016!		Format/sz. A1	Blatt/sh. 1	Sach-Nr./basic number A 384 546 27 00				



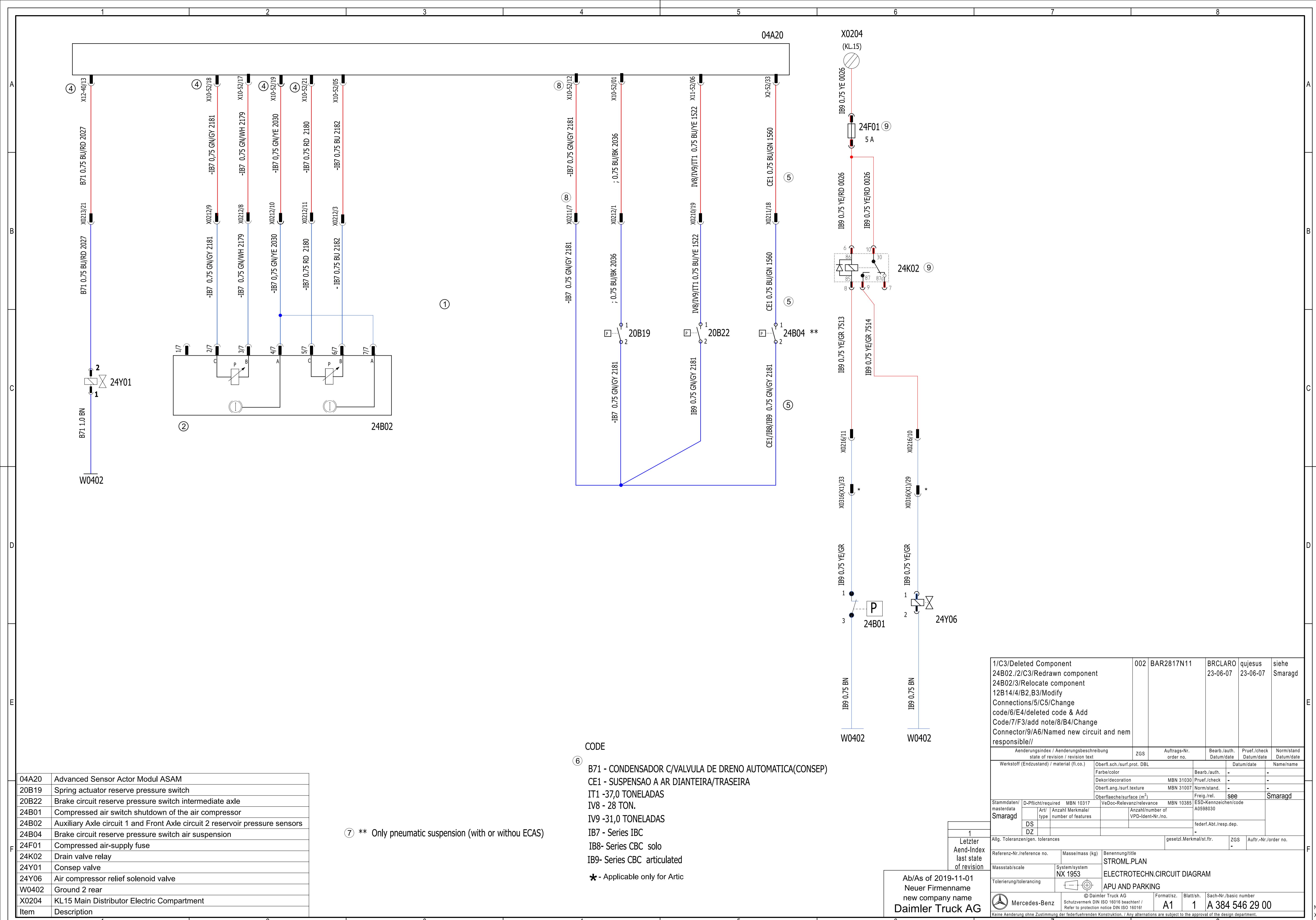
NOTE:

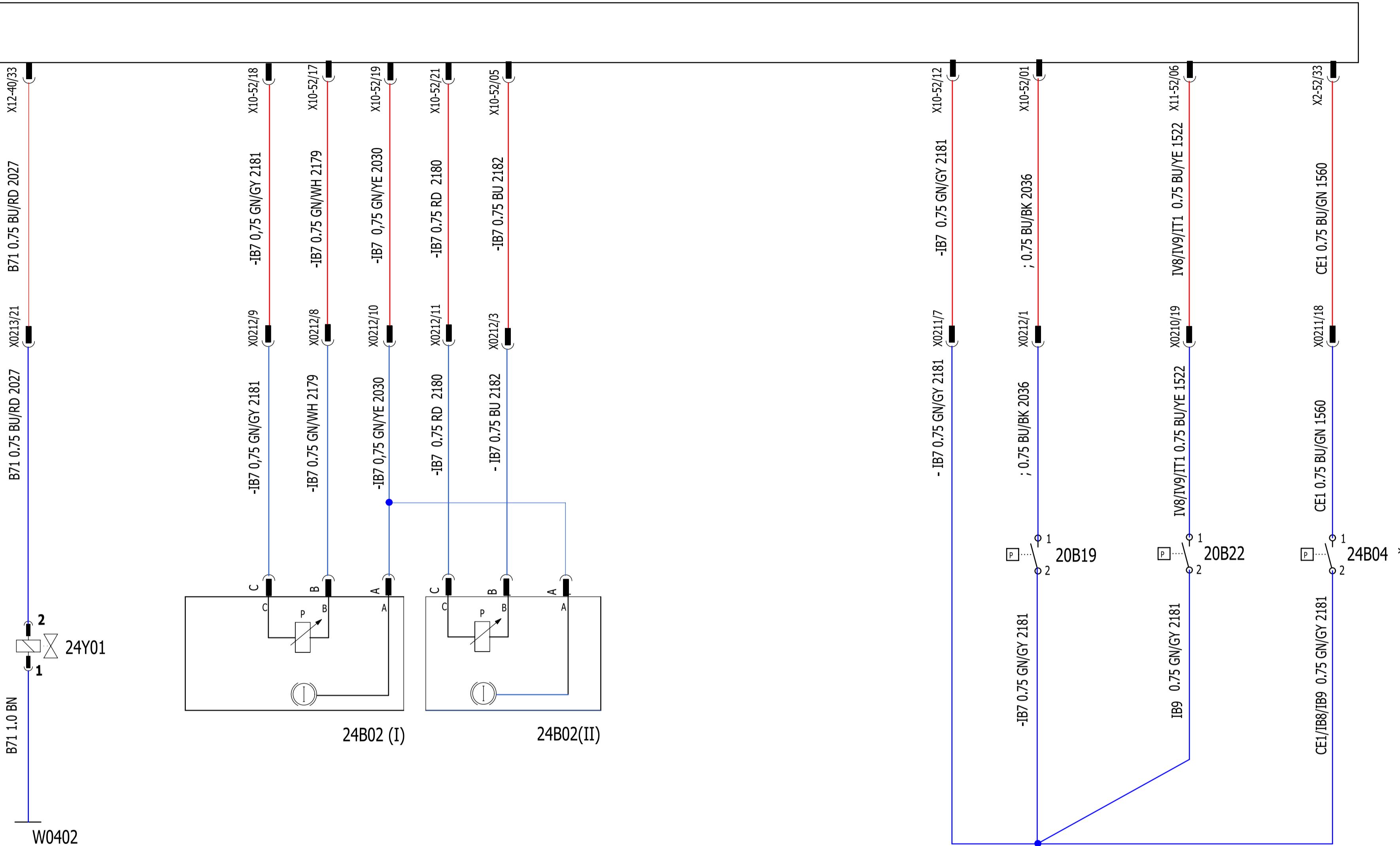
**** ONLY WITH E6 VEHICLES WITH ECOLIFE2 AND gABS**

* Applicable only for Arctic.

Item	Description
13A10	Transmission control module ZF (TCMZ)
13A11	Transmission control module Voith (TCMV)
13F03	KL.15 Transmission Gear Selection Switch ZF
13S01	Transmission gear selection switch
20B04	Neutral at standstill pressure switch
W0402	Ground 2 rear
X0204	KL15 Main Distributor Electric Compartment

Aenderungsindex / Aenderungsbeschreibung state of revision / revision text			ZGS	Auftrags-Nr. order no.		Bearb./auth. Datum/date	Pruef./check Datum/date	Norm/stand Datum/date		
Werkstoff (Endzustand) / material (fi.co.)			Oberfl.sch./surf.prot. DBL			Datum/date		Name/name		
			Farbe/color			Bearb./auth.	2023-06-07	BRCLARO		
			Dekor/decoration			MBN 31030	Pruef./check	2023-06-07		
			Oberfl.ang./surf.texture			MBN 31007	Norm/stand.	-		
			Oberflaeche/surface (m ²)			Freig./rel.	2023-06-07	DALBELO		
Stammdaten/ masterdata Smaragd	D-Pflicht/required		MBN 10317	VeDoc-Relevanz/relevance		MBN 10385	ESD-Kennzeichen/code			
		Art/ type	Anzahl Merkmale/ number of features		Anzahl/number of		A0598030			
		DS			VPD-Ident-Nr./no.		federf.Abt./resp.dep.			
		DZ					BUS/PCB			
Allg. Toleranzen/gen. tolerances					gesetzl.Merkmal/st.ftr.		ZGS 001	Auftr.-Nr./order no. BAR2817N11		
Referenz-Nr./reference no.		Masse/mass (kg)	Benennung/title STROML.PLAN							
Massstab/scale		System/system NX 1953	ELECTROTECHN.CIRCUIT DIAGRAM							
Tolerierung/tolerancing Smaragd			AUT. ZF/VOITH							
		© Daimler Truck AG Schutzvermerk DIN ISO 16016 beachten! / Refer to protection notice DIN ISO 16016!		Format/sz. A1	Blatt/sh. 1	Sach-Nr./basic number A 384 546 27 00				





CODE

B71 - CONDENSADOR C/VALVULA DE DRENO AUTOMATICA(CONSEP)

CE1 - SUSPENSAO A AR DIANTEIRA/TRASEIRA

IT1 -37,0 TONELADAS

IV8 - 28 TON.

IV9 -31,0 TONELADAS

IB7 - Series IBC

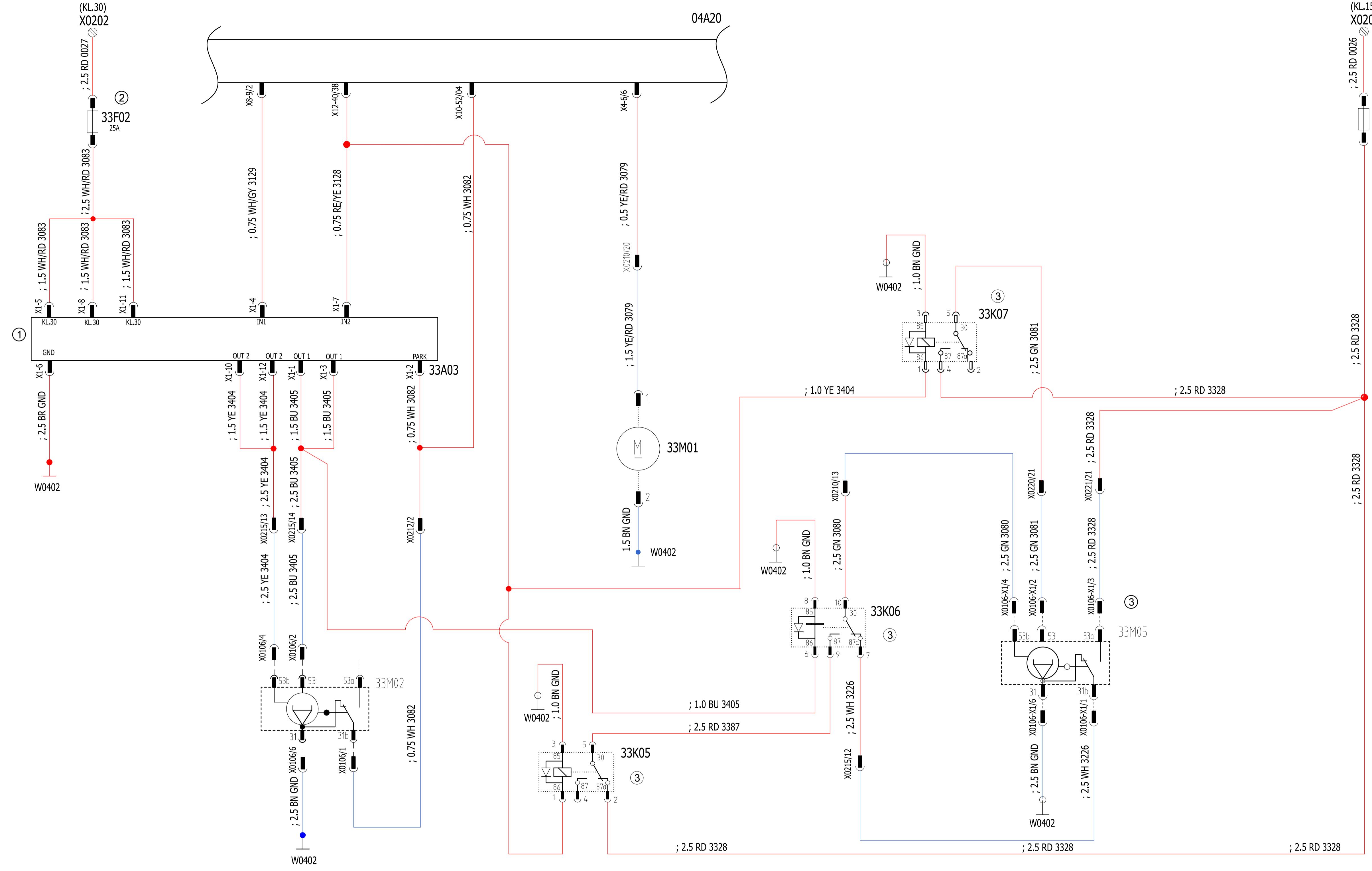
IB8- Series CBC solo

IB9- Series CBC articulated

** Only pneumatic suspension (with or without ECAS)

1/Add page 2//	002	BAR2817N11	BRCLARO	qujesus	23-06-07	siehe Smaragd
Aenderungsindex / Aenderungsbeschreibung state of revision / revision text	ZGS	Auftrags-Nr. order no.	Bearb./auth. Datum/date	Pruef./check Datum/date	Norm/stand Datum/date	
Werkstoff (Endzustand) / material (fi.co.)	Oberfl.sch./surf.prot. DBL		Datum/date	Name/name		
Farbe/color		Bearb./auth.	-	-		
Dekor/decoration	MBN 31030	Pruef./check	-	-		
Oberfl.lang./surf.texture	MBN 31007	Norm/stand	-	-		
Oberflaeche/surface (m²)	Freig./rel.	see	Smaragd			
Stammdaten/ masterdata	D-Pflicht required MBN 10317	VeDoc-Relevanz/relevance	MBN 10385	ESD-Kennzeichen/code		
Smaragd	Art/ type	Anzahl Merkmale/ number of features	Anzahl/number of VPD-Ident-Nr./no.	A0598030		
DS				federl.Abt./resp. dep.		
				-		
1	Letzter Aend-Index last state of revision	Allg. Toleranzen/gen. tolerances	gesetzl.Merkmal/st.frt.	ZGS	Auftr.-Nr./order no.	
Referenz-Nr./reference no.	Masse/mass (kg)	Benennung/title				
Massstab/scale	System/system	STROML.PLAN				
Tolerierung/tolerancing	(+/-)	ELECTROTECHN.CIRCUIT DIAGRAM				
Ab/As of 2019-11-01		APU AND PARKING				
Neuer Firmenname						
new company name						
Daimler Truck AG						
© Daimler AG	Schutzvermerk DIN ISO 16016 beachten / Refer to protection notice DIN ISO 16016	Format/sz.	Blatt/sch.	Sach-Nr./basic number		
		A1	2	A 384 546 29 00		
Keine Änderung ohne Zustimmung der federführenden Konstruktion. / Any alterations are subject to the approval of the design department.						

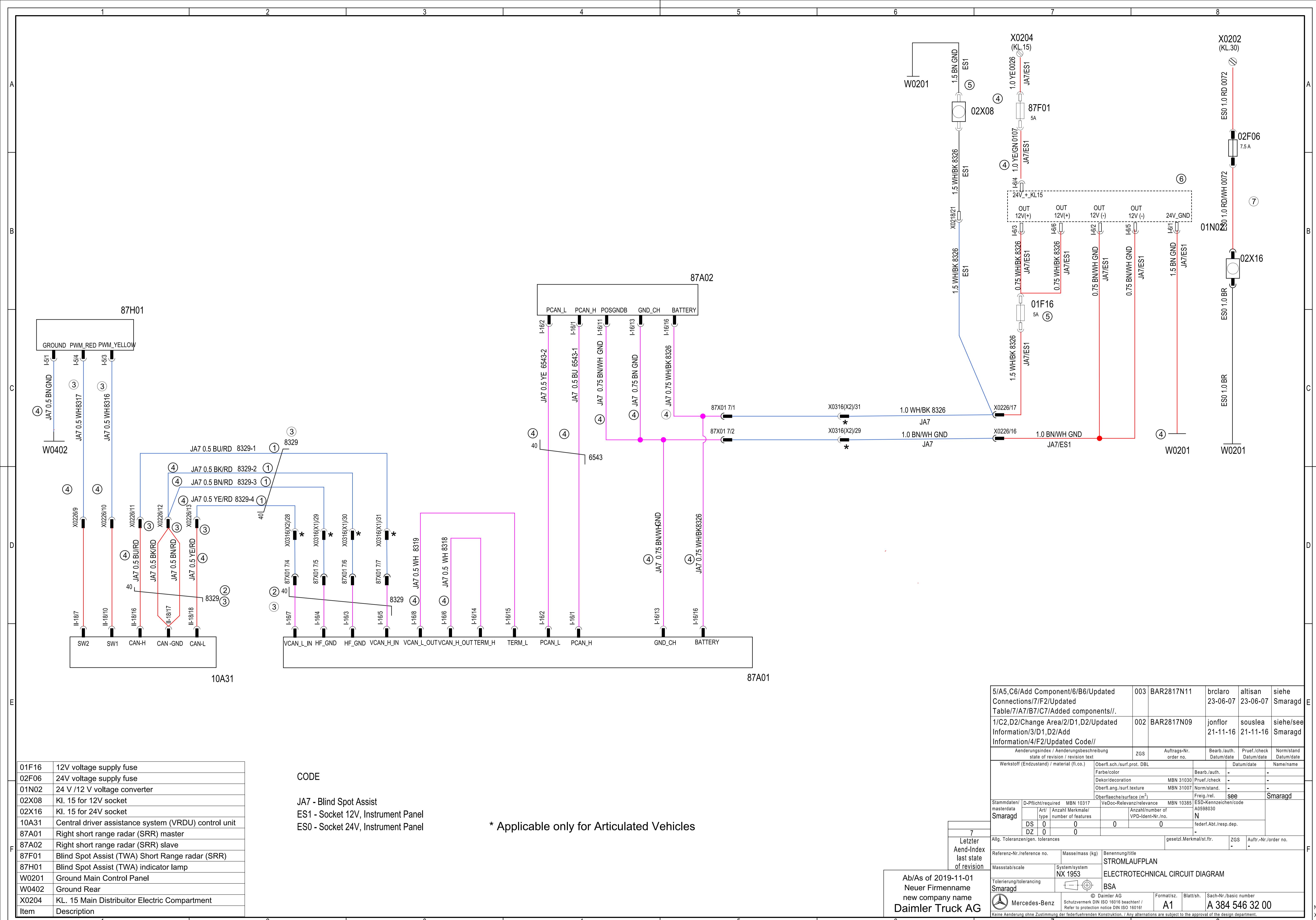
04A20	Advanced Sensor Actor Modul ASAM
20B19	Spring actuator reserve pressure switch
20B22	Brake circuit reserve pressure switch intermediate axle
24B04	Brake circuit reserve pressure switch air suspension
24B02.	Auxiliary Axle circuit 1 and Front Axle circuit 2 reservoir pressure sensors
24Y01	Consep valve
W0402	Ground 2 rear
Item	Description

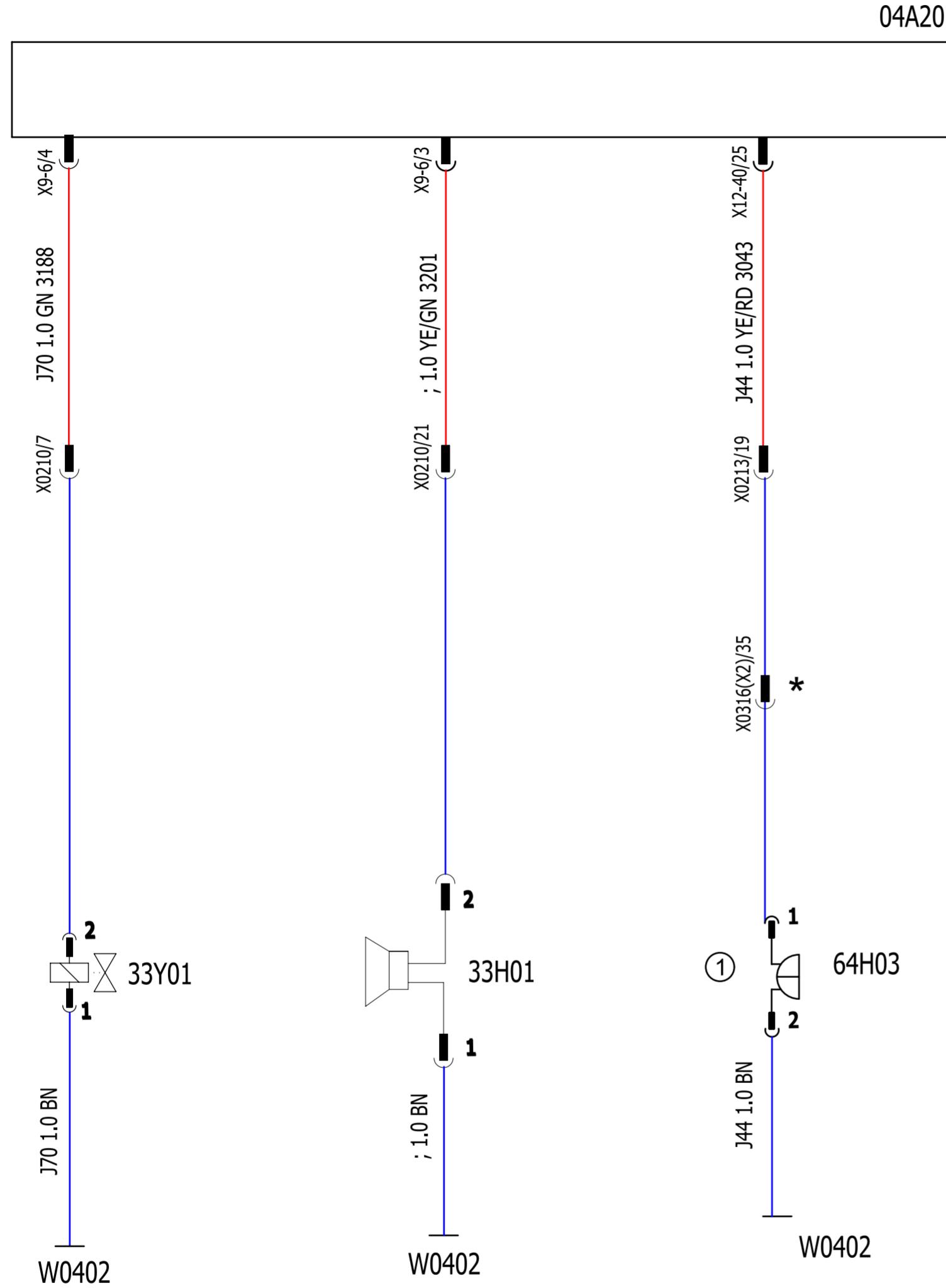


Item	Description
04A20	Advanced Sensor Actor Modul ASAM
33A03	Windshield wiper system control unit
33F02	Fuse Windshield wiper system control unit
33F08	Fuse Windshield wiper
33K05	Windshiel wiper Relay
33K06	Windshiel wiper Relay
33K07	Windshiel wiper Relay
33M01	Windscreen washer system pump
33M02	Windshield wiper motor
33M05	Windshield wiper motor
W0402	Ground 2 rear
X0202	KL30 Main Distributor Electric Compartment
X0204	KL15 Main Distributor Electric Compartment

CODE

2/A1/Updated name/3/B5-D5/Add component/4/F1/Updated table//.			003	BAR2817N11		brclaro 23-06-07	ltmarqu 23-06-07	siehe/see KEM		
1/B1/Add new modul//			002	BAR2817N09		jonflor 21-11-16	lgobett 21-11-16	siehe Smaragd		
Aenderungsindex / Aenderungsbeschreibung state of revision / revision text			ZGS	Auftrags-Nr. order no.		Bearb./auth. Datum/date	Pruef./check Datum/date	Norm/stand Datum/date		
Werkstoff (Endzustand) / material (fi.co.)			Oberfl.sch./surf.prot. DBL				Datum/date	Name/name		
			Farbe/color			Bearb./auth.				
			Dekor/decoration		MBN 31030	Pruef./check				
			Oberfl.ang./surf.texture		MBN 31007	Norm/stand.				
			Oberflaeche/surface (m ²)			Freig./rel.				
Stammdaten/ masterdata Smaragd	D-Pflicht/required		MBN 10317	VeDoc-Relevanz/relevance		MBN 10385	ESD-Kennzeichen/code			
	Art/ type	Anzahl	Merkmale/ number of features		Anzahl/number of		A0598030			
	DS	0	0	0	0		N			
	DZ	0	0				federf.Abt./resp.dep.			
Allg. Toleranzen/gen. tolerances					gesetzl.Merkmal/st.ftr.		ZGS -	Auftr.-Nr./order no. -		
Referenz-Nr./reference no.		Masse/mass (kg)		Benennung/title STROMLAUFPLAN						
Massstab/scale		System/system NX 1953		ELECTROTECHNICAL CIRCUIT DIAGRAM						
Tolerierung/tolerancing Smaragd				WIPER						
		© Daimler AG Schutzvermerk DIN ISO 16016 beachten! / Refer to protection notice DIN ISO 16016!			Format/sz. A1	Blatt/sh.	Sach-Nr./basic number A 384 546 31 00			





CODE

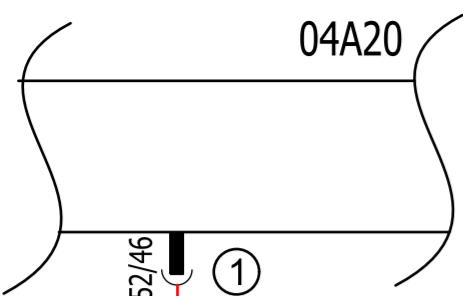
J44 - ALARME SONORO DE MARCHA A RE
J70 - BUZINA ELETROPNEUMATICA

* - Applicable only for Artic

04A20	Advanced Sensor Actor Modul ASAM
33H01	Electric horn
33Y01	Air horn solenoid valve
64H03	Acoustic backup warning device
W0402	Ground rear
Item	Description

Ab/As of 2019-11-01
Neuer Firmenname
new company name
Daimler Truck AG

New responsible//	003	BAR2817N11	brclaro	arauju	siehe
1/B3/Changed cavities position//	002	BAR2817N09	jonflor	Igobett	siehe
Aenderungsindex / Aenderungsbeschreibung state of revision / revision text	ZGS	Auftrags-Nr. order no.	Bearb./auth. Datum/date	Pruef./check Datum/date	Norm/stand Datum/date
Werkstoff (Endzustand) / material (fi.co.)	Oberfl.sch./surf.prot. DBL			Datum/date	Name/name
Farbe/color		Bearb./auth.	-	-	
Dekor/decoration	MBN 31030	Pruef./check	-	-	
Oberfl.ang./surf.texture	MBN 31007	Norm/stand.	-	-	
Oberflaeche/surface (m ²)		Freig./rel.	see	Smaragd	
Stammdaten/ masterdata	D-Pflicht/required MBN 10317	VeDoc-Relevanz/relevance MBN 10385	ESD-Kennzeichen/code A0598030		
Manuell	Art/ type	Anzahl Merkmale/ number of features	Anzahl/number of VPD-Ident-Nr./no.	N	
	DS 0	0	0	federf.Abt./resp.dep.	
	DZ 0	0	0	-	
1	Letzter Aend-Index last state of revision	Allg. Toleranzen/gen. tolerances	gesetzl.Merkmal/st.ftr.	ZGS	Auftr.-Nr./order no.
Referenz-Nr./reference no.	Masse/mass (kg)	Benennung/title STROMLAUFPLAN			
Massstab/scale	System/system NX 1953	ELECTROTECHNICAL CIRCUIT DIAGRAM			
Tolerierung/tolerancing	+ -	HORN			
	Mercedes-Benz	© Daimler AG Schutzvermerk DIN ISO 16016 beachten! Refer to protection notice DIN ISO 16016!	Format/sz. Blatt/sh.	Sach-Nr./basic number A 384 546 33 00	
Keine Änderung ohne Zustimmung der federführenden Konstruktion. / Any alterations are subject to the approval of the design department.					



X2-52/46

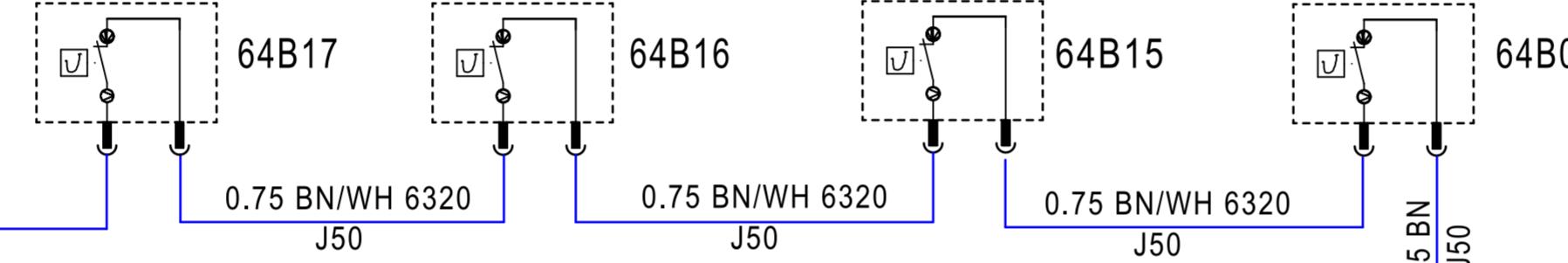
J50 0.75 BN/GN 6033

X0213/3

X0316(X2)/36

0.75 BN/GN 6033

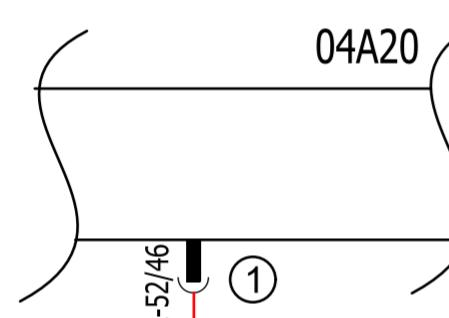
J50



Assembly for Euro VI

②

②



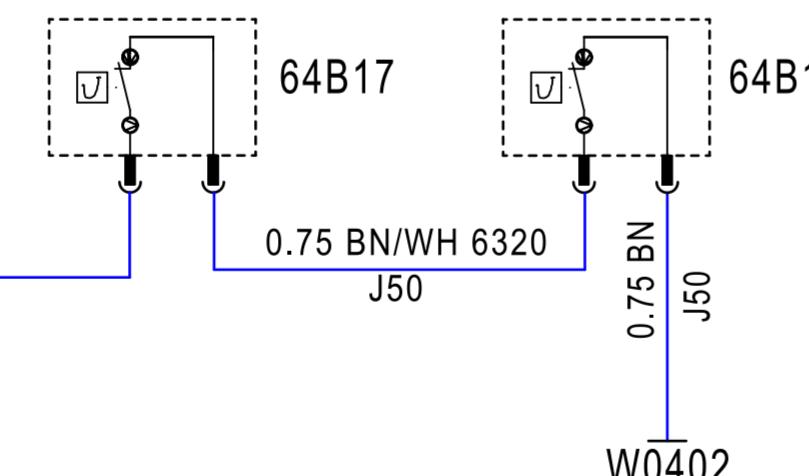
X2-52/46

J50 0.75 BN/GN 6033

X0213/3

0.75 BN/GN 6033

J50



Assembly for Euro V

②

②

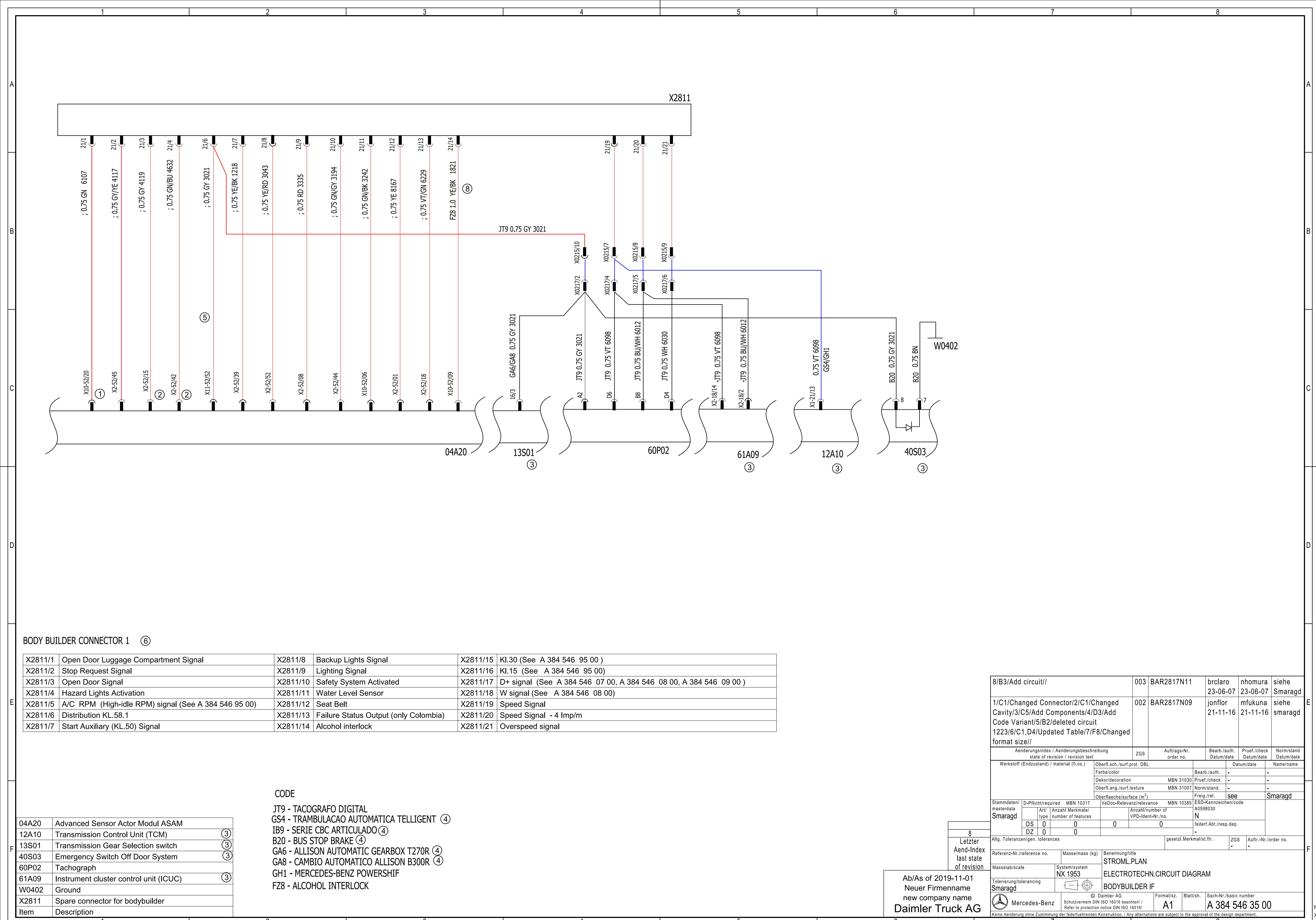
CODE

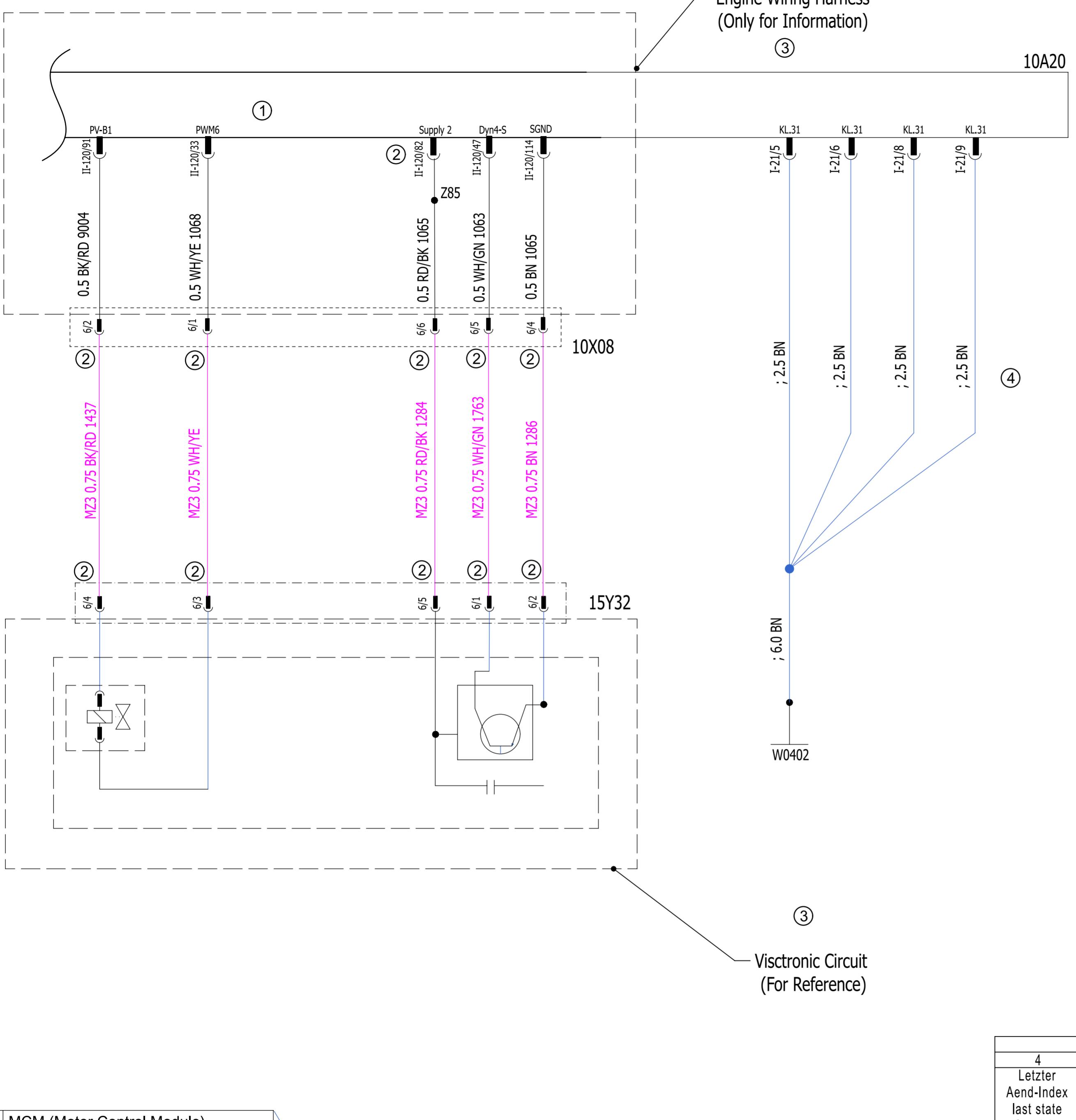
J50 - SENSOR DE INCENDIO NO COMPARTIMENTO DO MOTOR

64B17	Sensor fire exhaust system
64B16	Sensor fire generators
64B15	Sensor fire exhaust gas turbocharger
64B01	Sensor Fire Engine Compartment
04A20	Advanced signal acquisition and actuation module (ASAM) control unit
W0402	Ground Rear
Item	Description

* Applicable only for Artic

New responsible//	003	BAR2817N11	brclaro	remotta	siehe Smaragd
1/A1/Changed connector/2/B3/B4/Added Components//	002	BAR2817N09	jonflor	Igobett	siehe Smaragd
Änderungsindex / Änderungsbeschreibung state of revision / revision text					
Werkstoff (Endzustand) / material (fi.co.)	ZGS	Auftrags-Nr. order no.	Bearb./auth. Datum/date	Pruef./check Datum/date	Norm/stand Datum/date
Farbe/color					
Dekor/decoration	MBN 31030	Pruef./check	-	-	
Oberfl.ang./surf.texture	MBN 31007	Norm/stand.	-	-	
Oberflaeche/surface (m ²)		Freig./rel.	see		Smaragd
Stammdaten/ masterdata	D-Pflicht/required MBN 10317	VeDoc-Relevanz/relevance MBN 10385	ESD-Kennzeichen/code A0598030		
Manuell	Art/ type	Anzahl Merkmale/ number of features	Anzahl/number of VPD-Ident.-Nr./no.	N	
	DS 0	0	0	federf.Abt./resp.dep.	
	DZ 0	0	0	-	
Letzter Aend-Index last state of revision	2	Allg. Toleranzen/gen. tolerances	gesetzl.Merkmal/st.ftr.	ZGS	Auftr.-Nr./order no.
Referenz-Nr./reference no.		Masse/mass (kg)			
Massstab/scale		Benennung/title STROMLAUFPLAN			
Tolerierung/tolerancing		NX 1953	ELECTROTECHNICAL CIRCUIT DIAGRAM		
Mercedes-Benz	© Daimler AG Schutzvermerk DIN ISO 16016 beachten! / Refer to protection notice DIN ISO 16016!	Format/sz.	Blatt/sh.	Sach-Nr./basic number	A 384 546 34 00
Keine Änderung ohne Zustimmung der federführenden Konstruktion. / Any alterations are subject to the approval of the design department.					



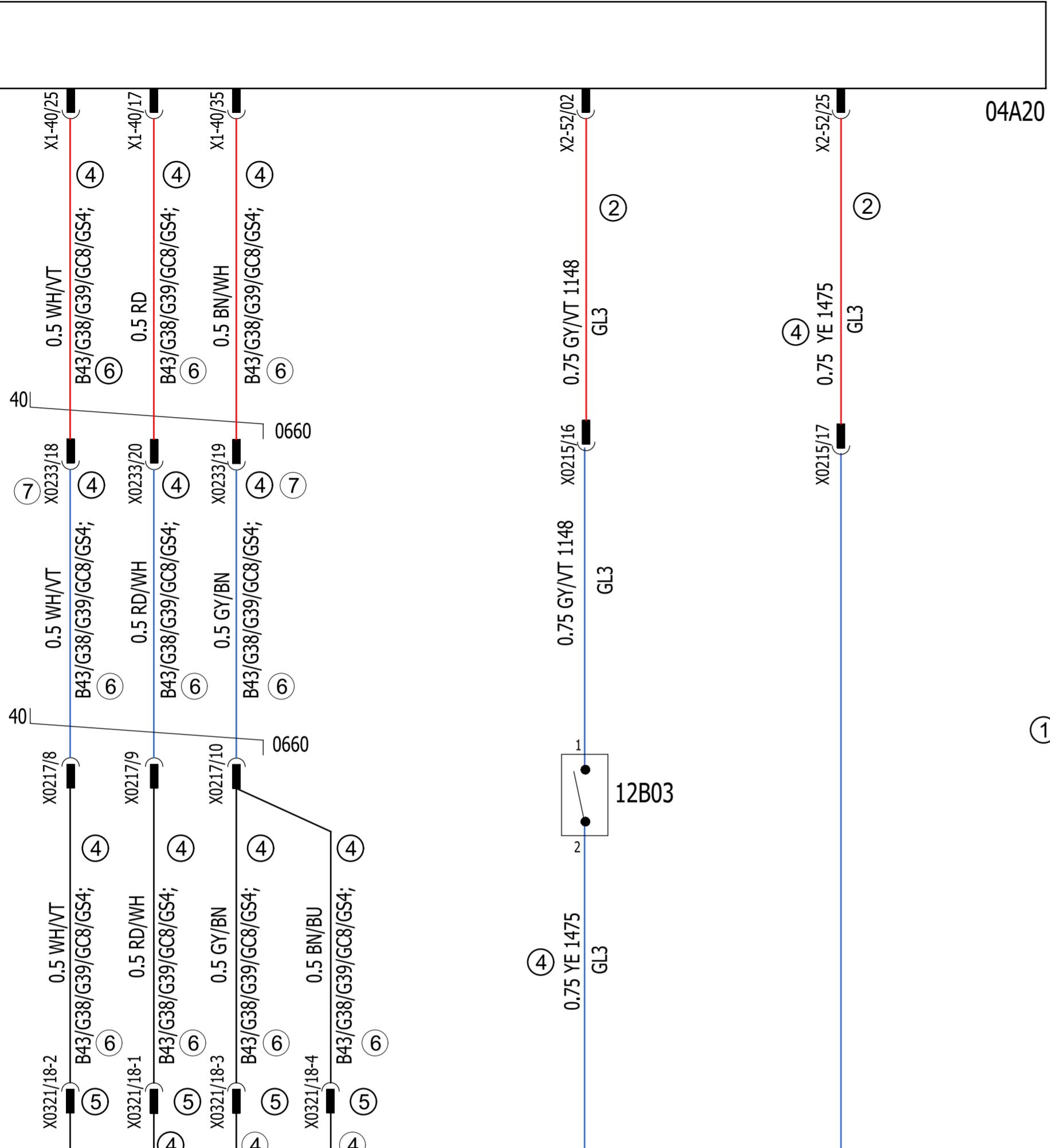


Item	Description
10A20	MCM (Motor Control Module)
W0402	Ground Rear
10X08	Engine Wiring Harness Connector
15Y32	Fan Connector

CODE

MZ3 - ACOPLAMENTO DE VISCOSE PARA VENTILADOR

Ab/As of 2019-11-01
Neuer Firmenname
new company name
Daimler Truck AG

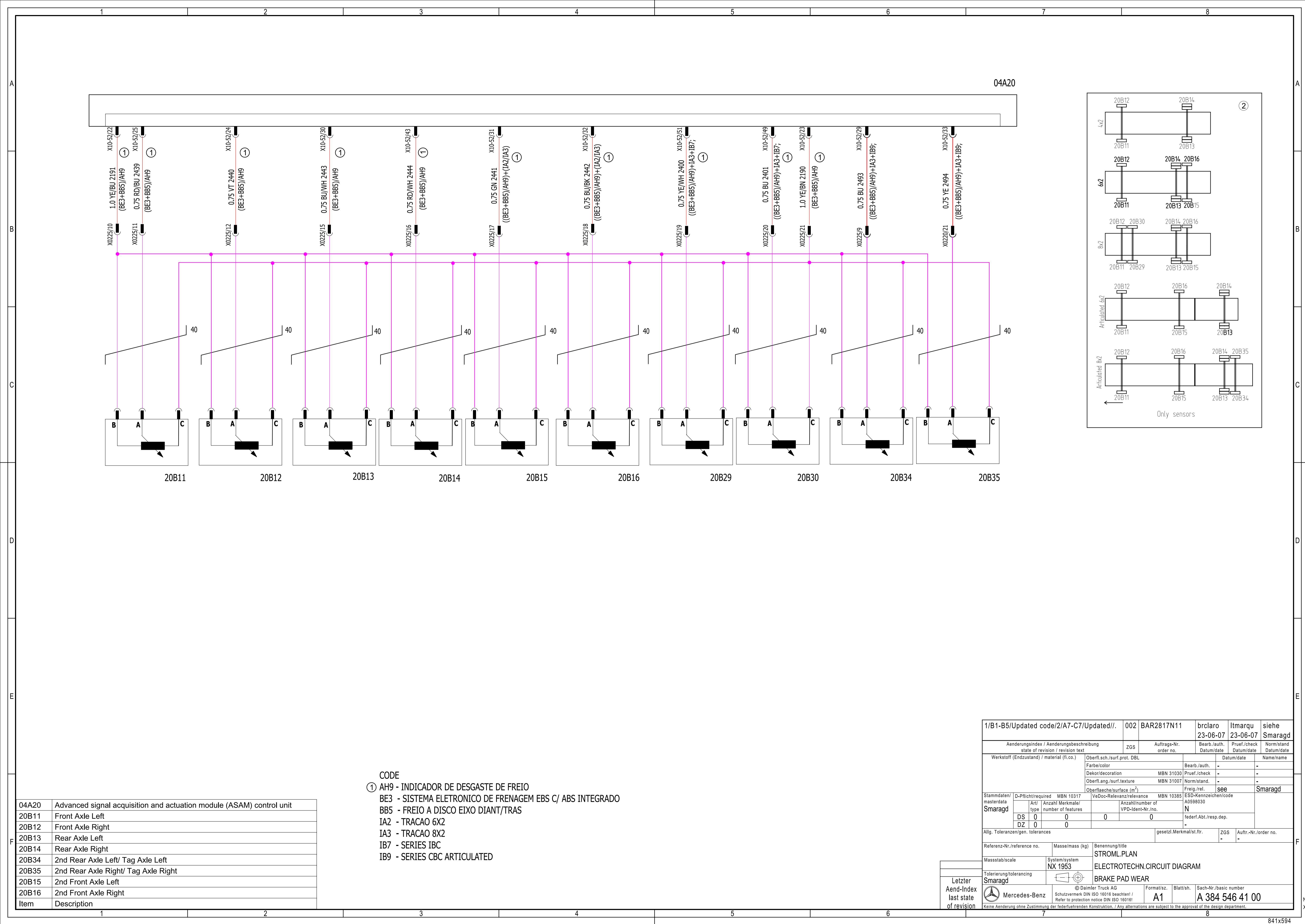


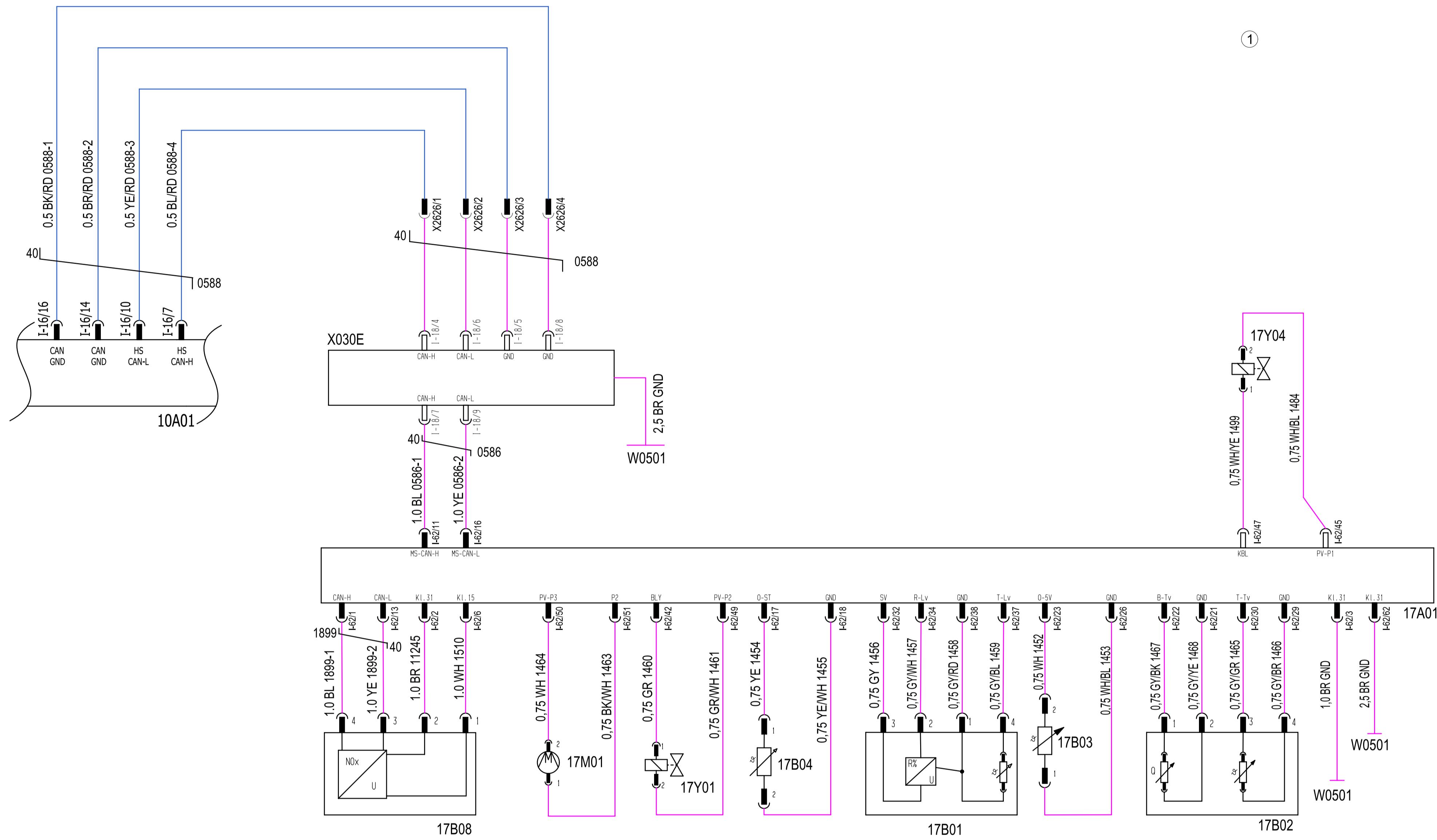
CODE

- B43 – RETARDER ACTIVATION ON HANDLEVER IN CONJUNCTION WITH BRAKE PEDAL
- G38 – ZF-TRAXON AMT 12TX242X BO
- G39 – ZF-TRAXON AMT 12TX242X BD
- GC8 – TRANSMISSION G140-8
- GL3 – GEARBOX 1.GEAR SENSOR FOR STARTING LOCK
- GS4 – TELLIGENT-SCHALTAUTOMATIK

04A20	Advanced Sensor Actor Modul ASAM
12B03	1st Gear position sensor
14S01	Permanent brake lever switch
Item	Description

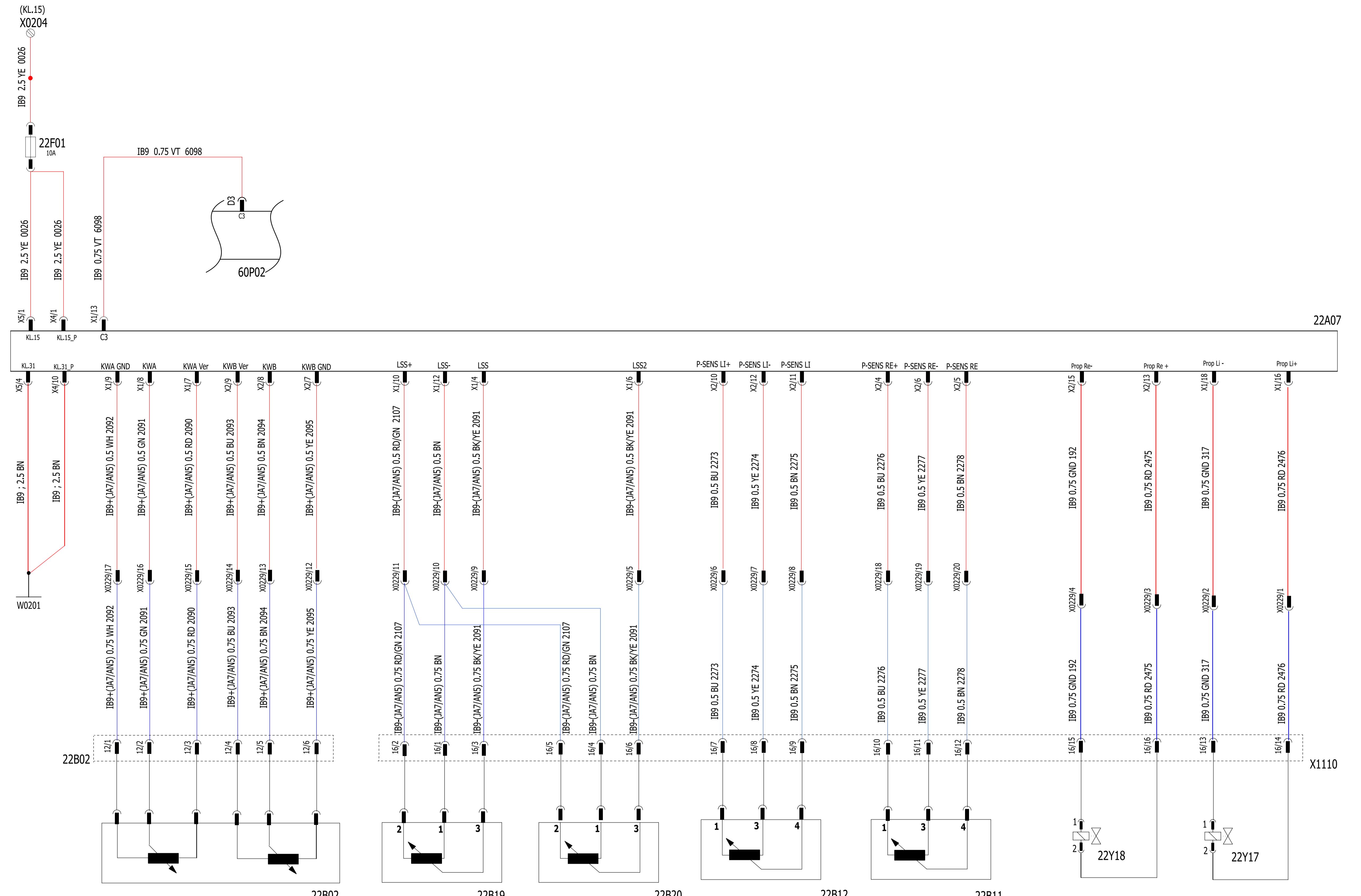
Ab/As of 2019-11-01
Neuer Firmenname
new company name
Daimler Truck AG





10A01	Engine control MR control unit
17A01	Frame module selective catalytic reduction (SCR) control unit
17B01	Intake air duct humidity/temperature sensor
17B02	AdBlue tank fill level/temperature sensor
17B03	Temp. sensor, exhaust gas downstream of SCR catalytic converter
17B04	Temp. sensor, exhaust gas upstream of SCR catalytic converter
17B08	Nitrogen oxides sensor
17M01	AdBlue pump motor
17Y01	SCR exhaust aftertreatment compressed-air valve SWITCHED
17Y04	SCR exhaust aftertreatment DISABLED compressed-air valve
W0501	Ground 1 engine compartment
X030E	SCR exhaust gas aftertreatment CAN star point
X2626	Databus plug connector
Item	Description

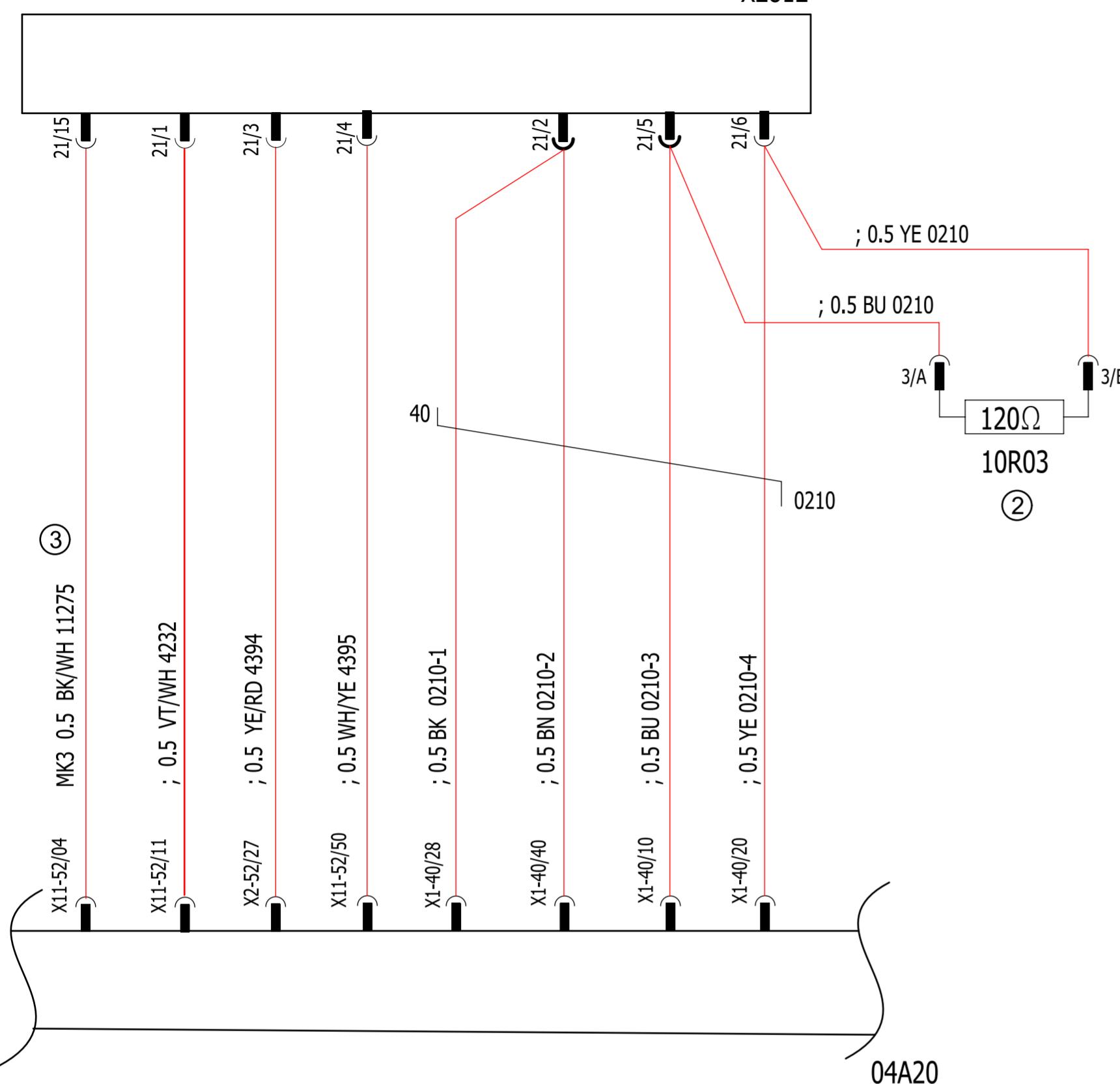
1/A5-A6/Deleted component/2/F2/Updated Table//.				002	BAR2817N11		brclaro 23-06-07	mipelka 23-06-07	siehe Smaragd			
Aenderungsindex / Aenderungsbeschreibung state of revision / revision text				ZGS	Auftrags-Nr. order no.		Bearb./auth. Datum/date	Pruef./check Datum/date	Norm/stand Datum/date			
Werkstoff (Endzustand) / material (fi.co.)				Oberfl.sch./surf.prot. DBL			Datum/date		Name/name			
				Farbe/color			Bearb./auth.	-	-			
				Dekor/decoration		MBN 31030	Pruef./check	-	-			
				Oberfl.ang./surf.texture		MBN 31007	Norm/stand.	-	-			
				Oberflaeche/surface (m ²)			Freig./rel.	see	Smaragd			
Stammdaten/ masterdata Smaragd	D-Pflicht/required MBN 10317			VeDoc-Relevanz/relevance MBN 10385		ESD-Kennzeichen/code A0598030 N						
	Art/ type	Anzahl Merkmale/ number of features		Anzahl/number of VPD-Ident-Nr./no.								
	DS	0	0	0	0	federf.Abt./resp.dep. -						
	DZ	0	0									
Allg. Toleranzen/gen. tolerances					gesetzl.Merkmal/st.ftr.		ZGS -	Auftr.-Nr./order no. -				
Referenz-Nr./reference no.		Masse/mass (kg)	Benennung/title STROMLAUFPLAN ELECTROTECHNICAL CIRCUIT DIAGRAM									
Massstab/scale		System/system NX 1953	SCR									
Tolerierung/tolerancing												
		© Daimler Truck AG Schutzvermerk DIN ISO 16016 beachten! Refer to protection notice DIN ISO 16016!			Format/sz. A1	Blatt/sh.	Sach-Nr./basic number A 384 546 42 00					



22A07	Articulation limiter system control unit (ATC)
22B02	Articulation angle control articulation angle sensor
22B11	Cylinder pressure sensor right
22B12	Cylinder pressure sensor left
22B19	Limit stop sensor 1
22B20	Limit stop sensor 2
22F01	Articulation angle control fuse
22Y17	Solenoid Valve Hydraulic system articulation left
22Y18	Solenoid valve Hydraulic system articulation right
W0201	Ground 1 main control panel
X0204	KL.15 Main distribuitor Electric Compartment
X1110	Articulated Section Connector
	Brake line

CODE:
IB9 - SERIE CBC ARTICUALADO
JA7 - BLINS SPOT ASSIST
AN5 - ADDITIONAL STEERING AXLE

New responsible//				002	BAR2817N11		BRCLARO 23-06-07	artisan 23-06-07	siehe Smaragd		
Aenderungsindex / Aenderungsbeschreibung state of revision / revision text				ZGS	Auftrags-Nr. order no.		Bearb./auth. Datum/date	Pruef./check Datum/date	Norm/stand Datum/date		
Werkstoff (Endzustand) / material (fi.co.)				Oberfl.sch./surf.prot. DBL				Datum/date	Name/name		
				Farbe/color			Bearb./auth.	-	-		
				Dekor/decoration			MBN 31030	Pruef./check	-		
				Oberfl.ang./surf.texture			MBN 31007	Norm/stand.	-		
				Oberflaeche/surface (m ²)			Freig./rel.	see	Smaragd		
Stammdaten/ masterdata Smaragd	D-Pflicht/required MBN 10317			VeDoc-Relevanz/relevance		MBN 10385	ESD-Kennzeichen/code A0598030				
	Art/ type	Anzahl Merkmale/ number of features			Anzahl/number of VPD-Ident-Nr./no.		N				
	DS	0	0	0	0		federf.Abt./resp.dep.				
	DZ	0	0		-						
	Allg. Toleranzen/gen. tolerances					gesetzl.Merkmal/st.ftr.	ZGS	Auftr.-Nr./order no.			
Referenz-Nr./reference no.		Masse/mass (kg)	Benennung/title STROMLAUFPLAN								
Massstab/scale		System/system NX 1953	ELECTROTECHNICAL CIRCUIT DIAGRAM								
Tolerierung/tolerancing			ATC								
Mercedes-Benz		© Daimler Truck AG Schutzvermerk DIN ISO 16016 beachten! / Refer to protection notice DIN ISO 16016!			Format/sz.	Blatt/sh.	Sach-Nr./basic number A 384 546 44 00				



Body Builder Connector 2

X2812/1	Valve Stop Brake / Throttle Block	X2812/15	Emergency speed limitation (only for URBS)
X2812/2	BodyBuilder CAN GND	X2812/16	Front Position lamp left & right (s. A 384 546 25 00)
X2812/3	Signal >5Km/h	X2812/17	Rear Position lamp left & Right (s. A 384 546 25 00)
X2812/4	Parking Brake Status	X2812/18	Upper brake lamp left & right (s. A 384 546 25 00)
X2812/5	BodyBuilder CAN H	X2812/19	Upper left rear indicator lamp (s. A 384 546 26 00)
X2812/6	BodyBuilder CAN L	X2812/20	Upper right rear indicator lamp (s. A 384 546 26 00)
X2812/7	Left Vibrating Seat Motor (s. A 384 546 88 00)	X2812/21	5th stop lamp (s. A 384 546 25 00)
X2812/8	Right Vibrating Seat Motor (s. A 384 546 88 00)		
X2812/9	Seat Occupation Sensor (s. A 384 546 89 00)		
X2812/10	Seat Occupation Sensor (s. A 384 546 89 00)		
X2812/11	FMS CAN HS (s. A 384 546 93 00)		
X2812/12	FMS CAN L (s. A 384 546 93 00)		
X2812/13	FMS CAN H (s. A 384 546 93 00)		
X2812/14	FMS CAN LS (s. A 384 546 93 00)		

04A20	Advanced Sensor Actor Modul ASAM
X2812	Main switch panel (electrical compartment) Bodybuilder connector
10R03	CAN J1939 termination resistor
Item	Description

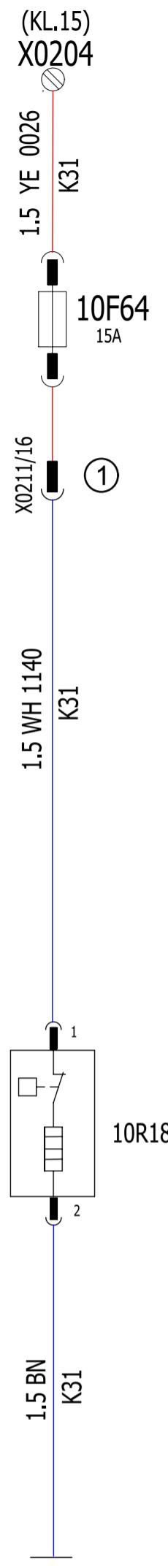
CODE
MK3 Speed control device 20 KM/H

②

Ab/As of 2019-11-01
Neuer Firmenname
new company name
Daimler Truck AG

Keine Änderung ohne Zustimmung der federführenden Konstruktion. / Any alterations are subject to the approval of the design department.

New responsible//	003	BAR2817N11	brclaro	algoya	siehe
1/D3/Updated Table/2/A3/Add component/3/B1/Add circuit//.	002	BAR2817N09	jonflor	Igobett	siehe
<i>Aenderungsindex / Aenderungsbeschreibung state of revision / revision text</i>					
Werkstoff (Endzustand) / material (fi.co.)	ZGS	Auftrags-Nr. order no.	Bearb./auth. Datum/date	Pruef./check Datum/date	Norm/stand Datum/date
Farbe/color			-	-	
Dekor/decoration	MBN 31030	Pruef./check	-	-	
Oberfl.ang./surf.texture	MBN 31007	Norm/stand.	-	-	
Oberflaeche/surface (m ²)		Freig./rel.	see	Smaragd	
Stammdaten/ masterdata	D-Pflicht/required MBN 10317	VeDoc-Relevanz/relevance MBN 10385	ESD-Kennzeichen/code A0598030		
Manuell	Art/ type	Anzahl Merkmale/ number of features	Anzahl/number of VPD-Ident.-Nr./no.	N	
	DS 0	0	0	federf.Abt./resp.dep.	
	DZ 0	0	-		
3	Letzter Aend-Index last state of revision	Allg. Toleranzen/gen. tolerances			
		Referenz-Nr./reference no.			
		Masse/mass (kg)			
		Benennung/title STROML.PLAN			
		Massstab/scale System/system NX 1953			
		Tolerierung/tolerancing			
		Referenz-Nr./reference no.			
		Masse/mass (kg)			
		Benennung/title STROML.PLAN			
		Massstab/scale System/system NX 1953			
		Tolerierung/tolerancing			
		Referenz-Nr./reference no.			
		Masse/mass (kg)			
		Benennung/title STROML.PLAN			
		Massstab/scale System/system NX 1953			
		Tolerierung/tolerancing			
		Referenz-Nr./reference no.			
		Masse/mass (kg)			
		Benennung/title STROML.PLAN			
		Massstab/scale System/system NX 1953			
		Tolerierung/tolerancing			
		Referenz-Nr./reference no.			
		Masse/mass (kg)			
		Benennung/title STROML.PLAN			
		Massstab/scale System/system NX 1953			
		Tolerierung/tolerancing			
		Referenz-Nr./reference no.			
		Masse/mass (kg)			
		Benennung/title STROML.PLAN			
		Massstab/scale System/system NX 1953			
		Tolerierung/tolerancing			
		Referenz-Nr./reference no.			
		Masse/mass (kg)			
		Benennung/title STROML.PLAN			
		Massstab/scale System/system NX 1953			
		Tolerierung/tolerancing			
		Referenz-Nr./reference no.			
		Masse/mass (kg)			
		Benennung/title STROML.PLAN			
		Massstab/scale System/system NX 1953			
		Tolerierung/tolerancing			
		Referenz-Nr./reference no.			
		Masse/mass (kg)			
		Benennung/title STROML.PLAN			
		Massstab/scale System/system NX 1953			
		Tolerierung/tolerancing			
		Referenz-Nr./reference no.			
		Masse/mass (kg)			
		Benennung/title STROML.PLAN			
		Massstab/scale System/system NX 1953			
		Tolerierung/tolerancing			
		Referenz-Nr./reference no.			
		Masse/mass (kg)			
		Benennung/title STROML.PLAN			
		Massstab/scale System/system NX 1953			
		Tolerierung/tolerancing			
		Referenz-Nr./reference no.			
		Masse/mass (kg)			
		Benennung/title STROML.PLAN			
		Massstab/scale System/system NX 1953			
		Tolerierung/tolerancing			
		Referenz-Nr./reference no.			
		Masse/mass (kg)			
		Benennung/title STROML.PLAN			
		Massstab/scale System/system NX 1953			
		Tolerierung/tolerancing			
		Referenz-Nr./reference no.			
		Masse/mass (kg)			
		Benennung/title STROML.PLAN			
		Massstab/scale System/system NX 1953			
		Tolerierung/tolerancing			
		Referenz-Nr./reference no.			
		Masse/mass (kg)			
		Benennung/title STROML.PLAN			
		Massstab/scale System/system NX 1953			
		Tolerierung/tolerancing			
		Referenz-Nr./reference no.			
		Masse/mass (kg)			
		Benennung/title STROML.PLAN			
	</				



A

A

B

B

C

C

D

D

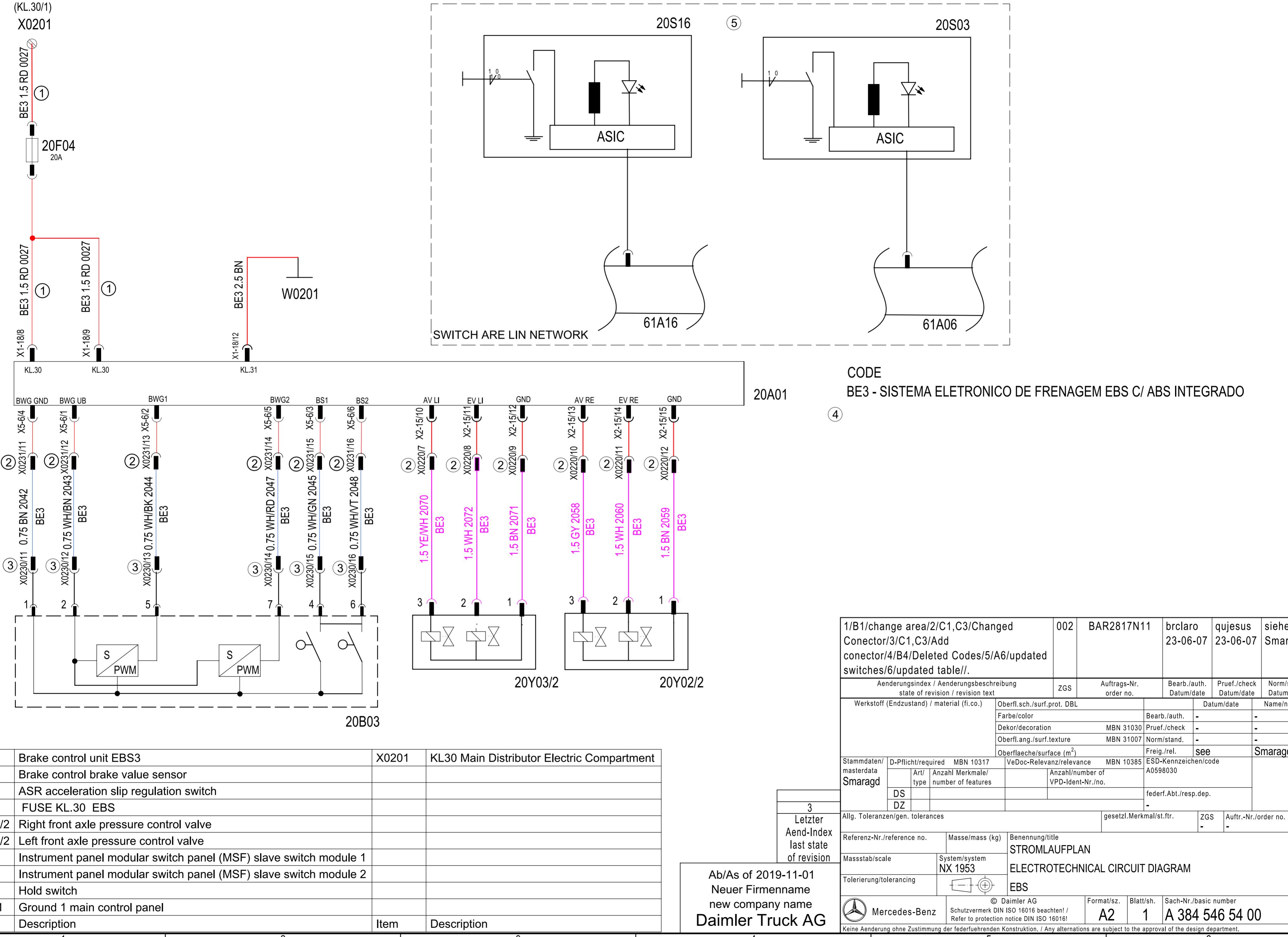
CODE

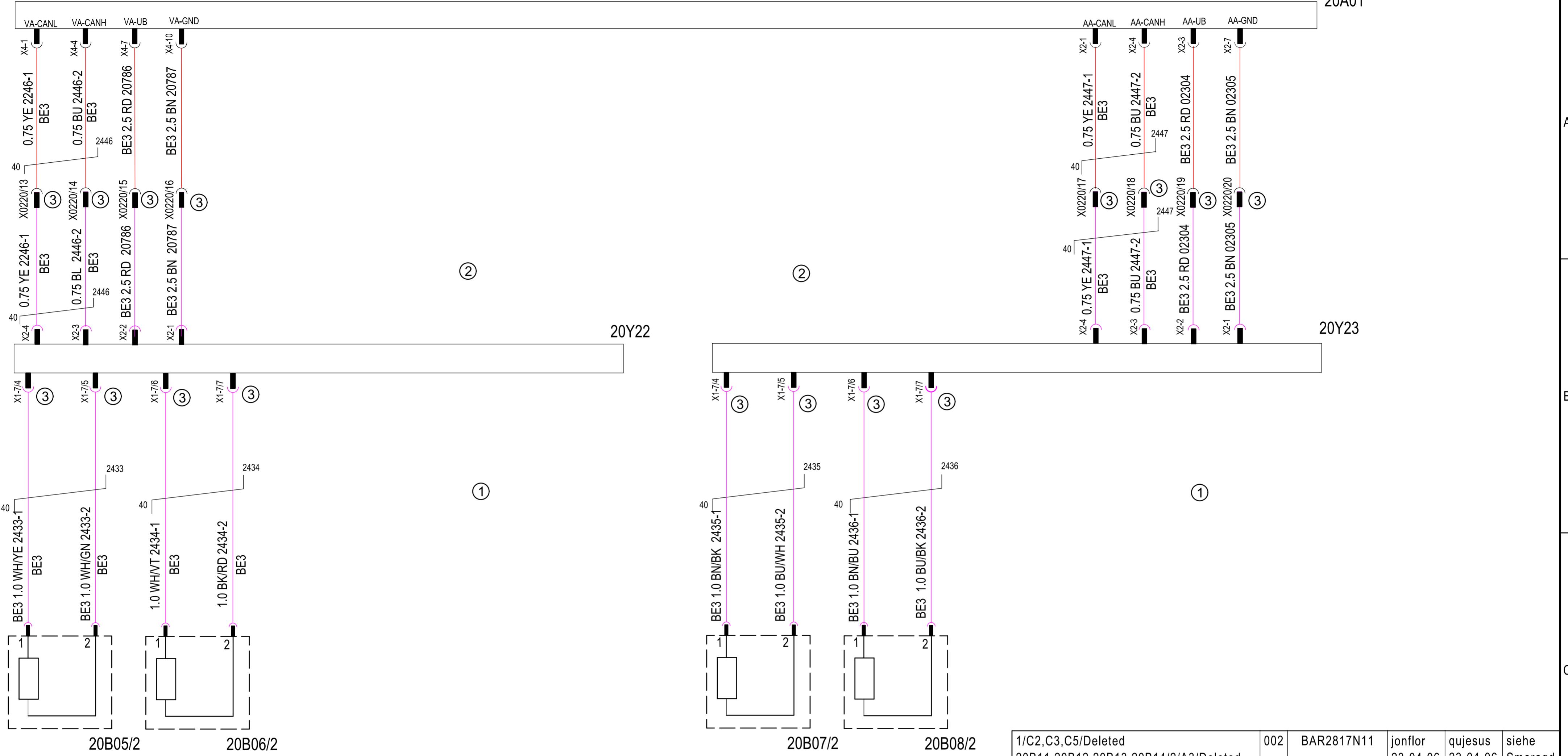
K31 - PRE-FILTRO SEPARADOR DE COMB.C/AQUECIMENTO

10F64	Fuel Filter Heating Fuse
10R18	Fuel filter heating resistance
W0402	Ground rear
X0204	KL15 Main Distributor Electric Compartment
Item	Description

Ab/As of 2019-11-01
Neuer Firmenname
new company name
Daimler Truck AG

© Daimler AG	Schutzvermerk DIN ISO 16016 beachten! / Refer to protection notice DIN ISO 16016!	Format/sz.	Blatt/sh.	Sach-Nr./basic number
	Mercedes-Benz	A2		A 384 546 52 00
Keine Änderung ohne Zustimmung der federführenden Konstruktion. / Any alterations are subject to the approval of the design department.				





CODI

BE3 - SISTEMA ELETRONICO DE FRENAGEM EBS C/ ABS INTEGRADO

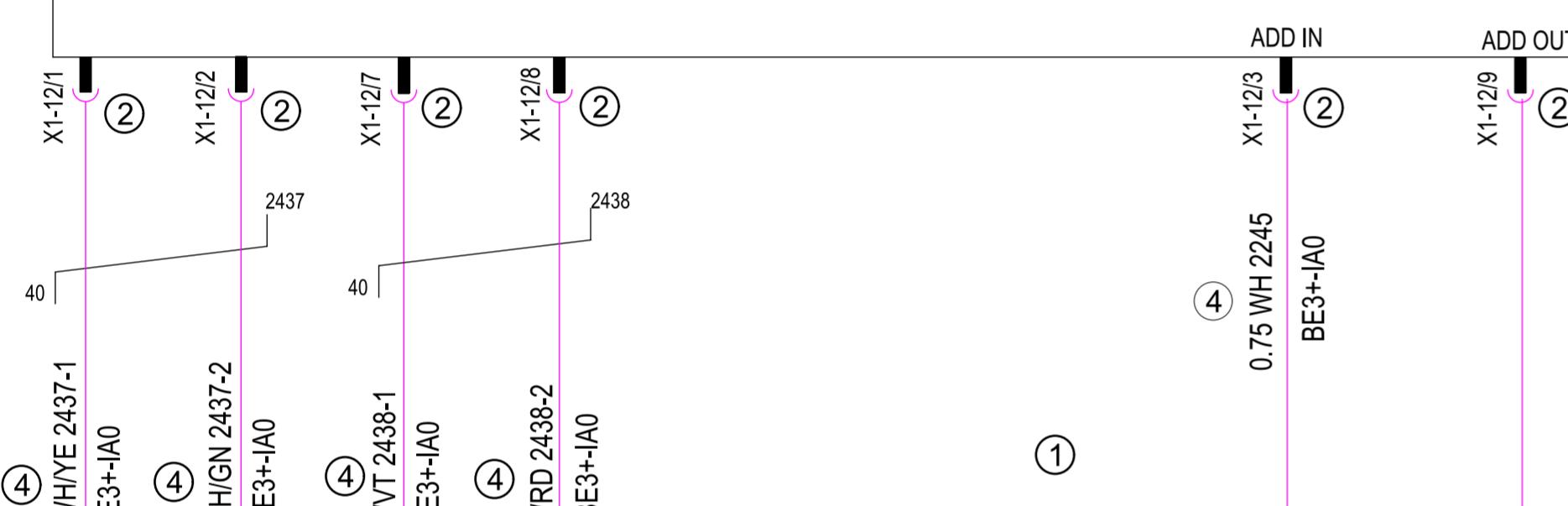
D	Item	Description
20A01	Brake control unit EBS3	
20B05/2	Front Axle Left revs sensor	
20B06/2	Front Axle Right revs sensor	
20B07/2	Rear/Drive Axle Left revs sensor	
20B08/2	Rear/Drive Axle Right revs sensor	
20Y23	Axle modulator, drive axle brake control	
20Y22	Axle modulator, front axle brake control	

20Y23 { AXLE 2 (F. IBC 4X2)
AXLE 2 (F. IBC 6X2)
AXLE 3 (F. IBC 8X2)
AXLE 3 (F. ARTICULATED

Ab/As of 2019-11-01
Neuer Firmenname
new company name
Daimler Truck AG

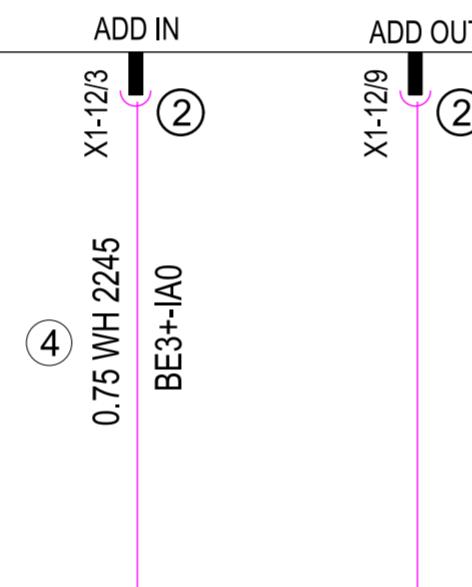


20Y24



20B09 20B10

①



② ADD IN ADD OUT

④

④

④

④

④

④

④

④

④

④

④

④

④

④

④

④

④

④

④

④

③

1/C2,C3/Deleted 20B15,20B16/2/B3/deleted circuits/3/C4/Deleted 20Y11,W0201 and circuits/4/A1,C1/Changed Codification/5/D2/Add Code//		002	BAR2817N11	brclaro 23-06-07	qujesus 23-06-07	siehe smaragd
Aenderungsindex / Änderungsbeschreibung state of revision / revision text	ZGS	Auftrags-Nr. order no.	Bearb./auth. Datum/date	Pruef./check Datum/date	Norm/stand Datum/date	
Werkstoff (Endzustand) / material (fi.co.)	Oberfl.sch./surf.prot. DBL			Datum/date	Name/name	
Farbe/color		Bearb./auth.	-	-		
Dekor/decoration	MBN 31030	Pruef./check	-	-		
Oberfl.ang./surf.texture	MBN 31007	Norm/stand.	-	-		
Oberfläche/surface (m ²)	Freig./rel.	see	Smaragd			
ESD-Kennzeichen/code A0598030						
Stammdaten/ masterdata	D-Pflicht/required Art/ DS	MBN 10317	VeDoc-Relevanz/relevance Anzahl/number of VPD-Ident-Nr./no.	MBN 10385		
Smaragd	Anzahl Merkmale/ type				federf.Abt./resp.dep.	
	DZ					
Allg. Toleranzen/gen. tolerances				gesetzl.Merkmal/st.ftr.	ZGS	Auftr.-Nr./order no.
Referenz-Nr./reference no.	Masse/mass (kg)	Benennung/title				
Massstab/scale	System/system	STROMLAUFPLAN				
Tolerierung/tolerancing	NX 1953	ELECTROTECHNICAL CIRCUIT DIAGRAM				
		EBS				
© Daimler AG	Schutzvermerk DIN ISO 16016 beachten! / Refer to protection notice DIN ISO 16016!					
Mercedes-Benz						
Format/sz.	Blatt/sh.	Sach-Nr./basic number				
A2	3	A 384 546 54 00				
Keine Änderung ohne Zustimmung der federführenden Konstruktion. / Any alterations are subject to the approval of the design department.						

FOR ARTICULATED

CODE

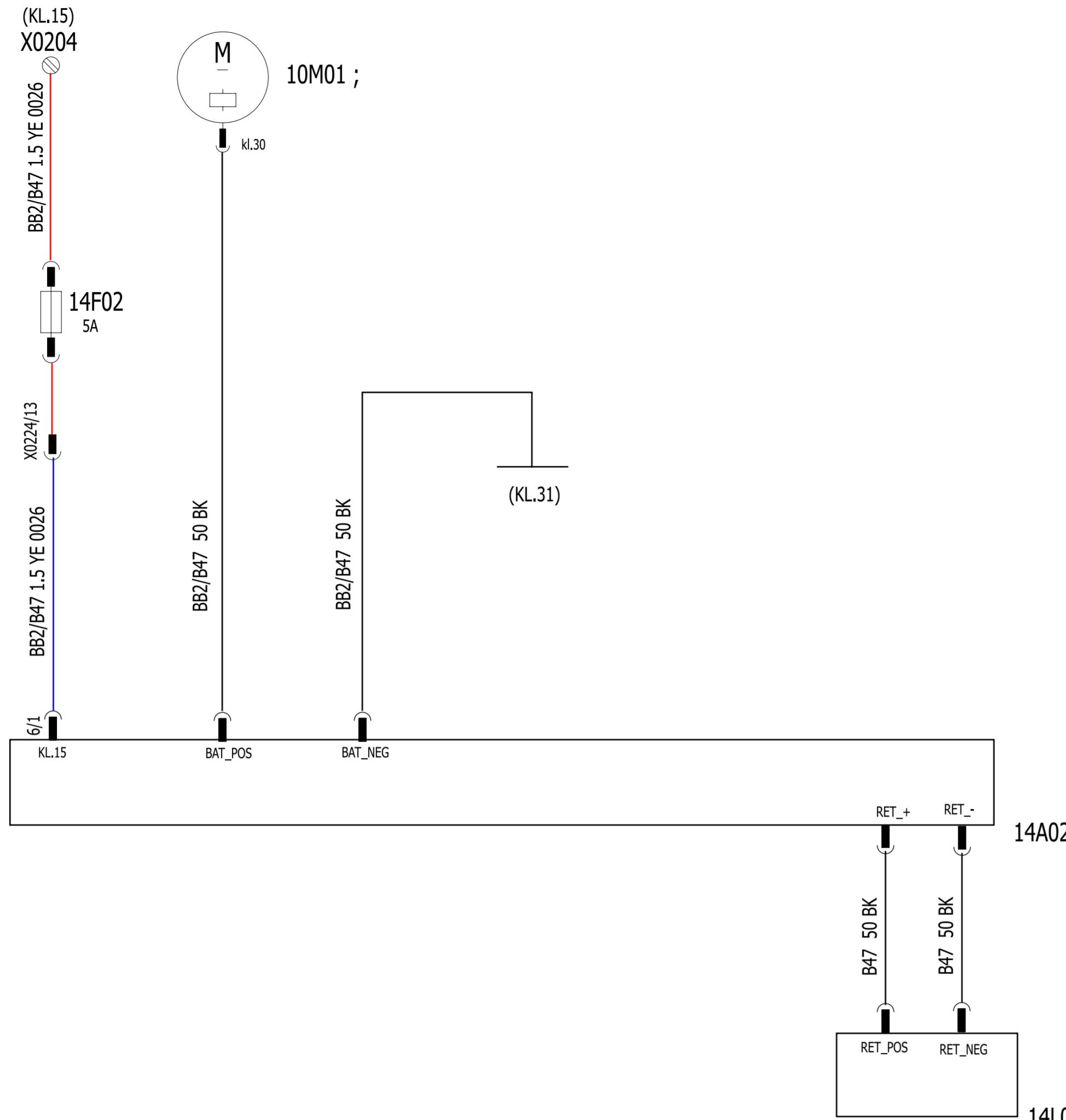
BE3 - SISTEMA ELETRONICO DE FRENAZEM EBS C/ ABS INTEGRADO

BF1 - PROGRAMA ELETRONICO DE ESTABILIDADE ESP

⑤ IA0- TRACAO 4X2

Ab/As of 2019-11-01
Neuer Firmenname
new company name
Daimler Truck AG

Item	Description
20A01	Brake control unit EBS3
20B09	Additional Axle Left revs sensor
20B10	Additional Axle Right revs sensor
20Y24	Axle modulator, additional axle brake control
25A01	Electronic Stability Program (ESP) unit
Item	Description

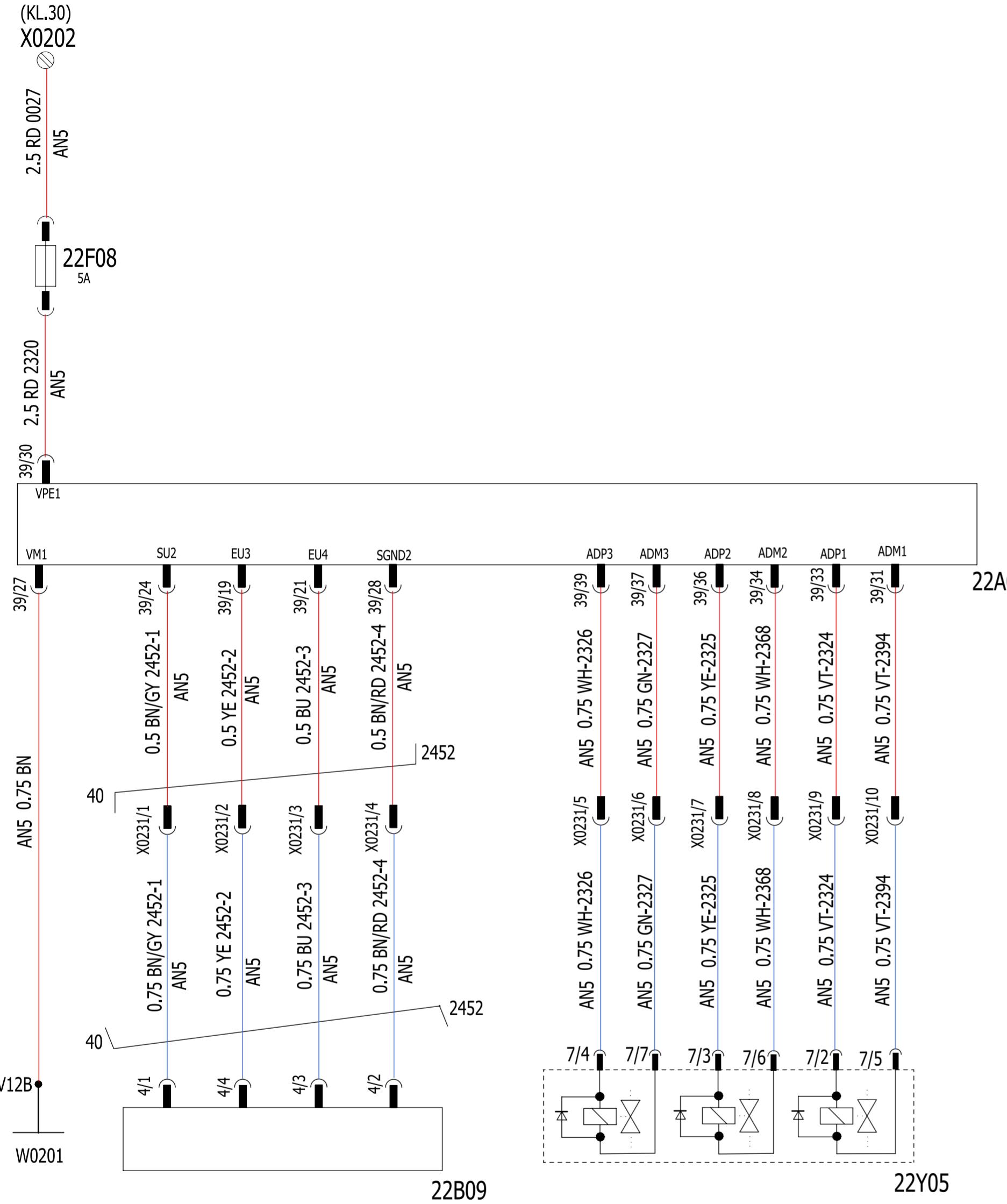


CODE

BB2 - RETARDER TELMA

B47 - PREPARACAO RETARDER TELMA

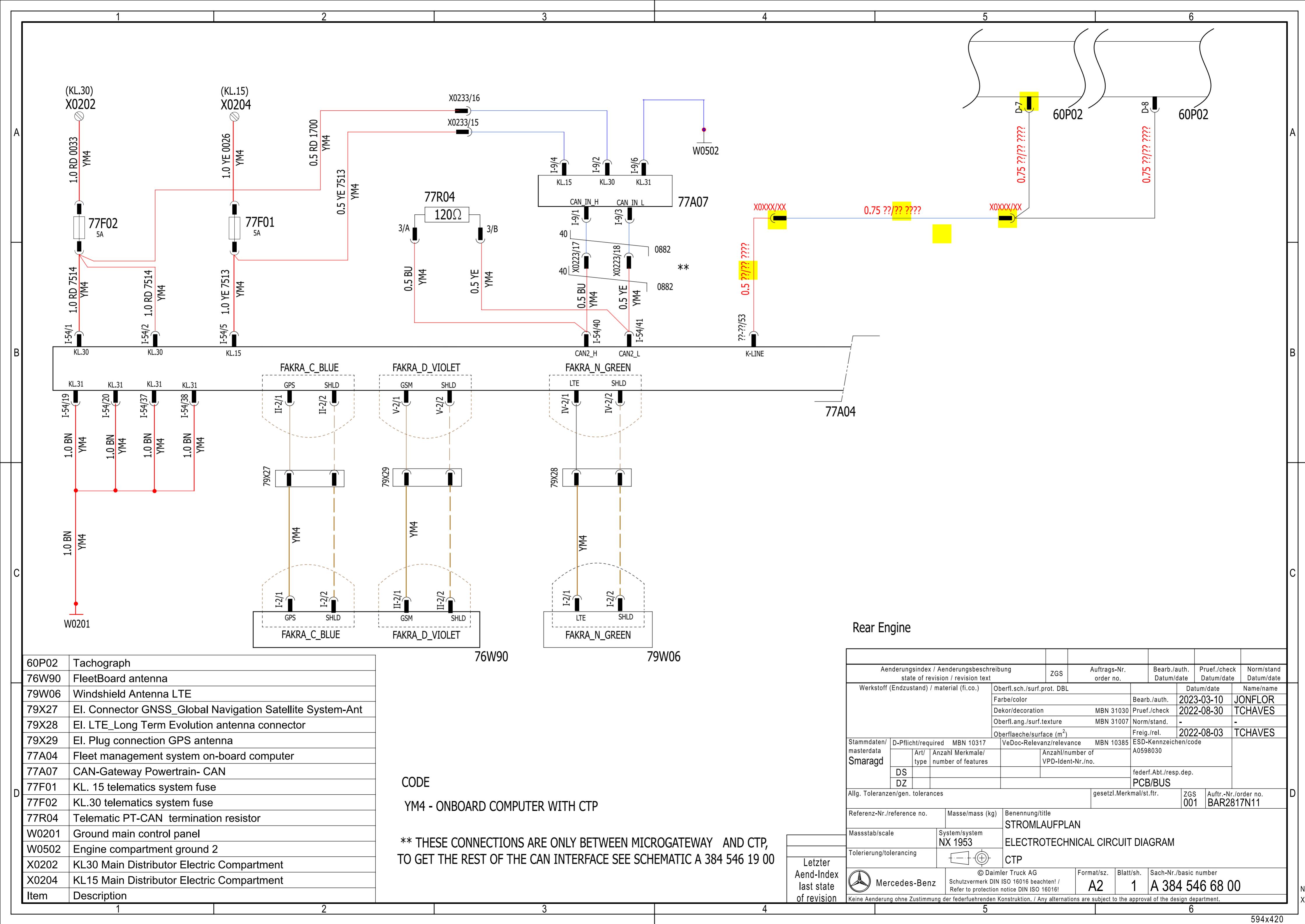
Item	Description
14A02	Electromagnetic Retarder Unit
14F02	KL.15 Retarder Fuse
14L01	Telma Retarder
X0204	KL.15
10M01	Starter Motor

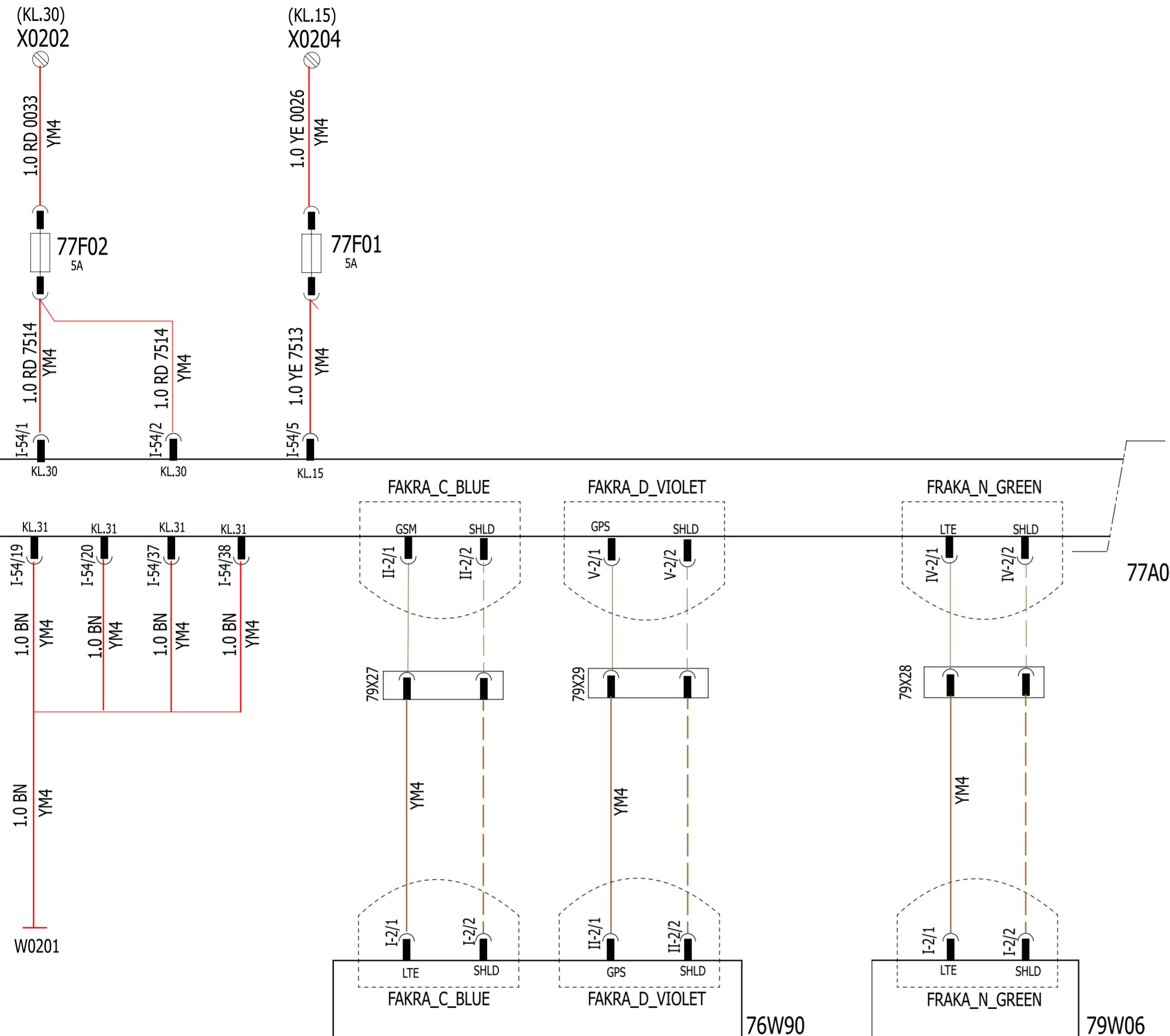


Item	Description
22F08	KL.30 steering axle control unit
22A04	Additional steering axle control unit (ASA)
22B09	Additional axle steering angle steering axis sensor
22Y05	Steering axis hydraulic block
W0201	Ground main control panel
X0202	KL30 Main Distributor Electric Compartment

CODE

AN5 - SEGUNDO EIXO TRASEIRO DIRIGIVEL ATIV





A

A

B

B

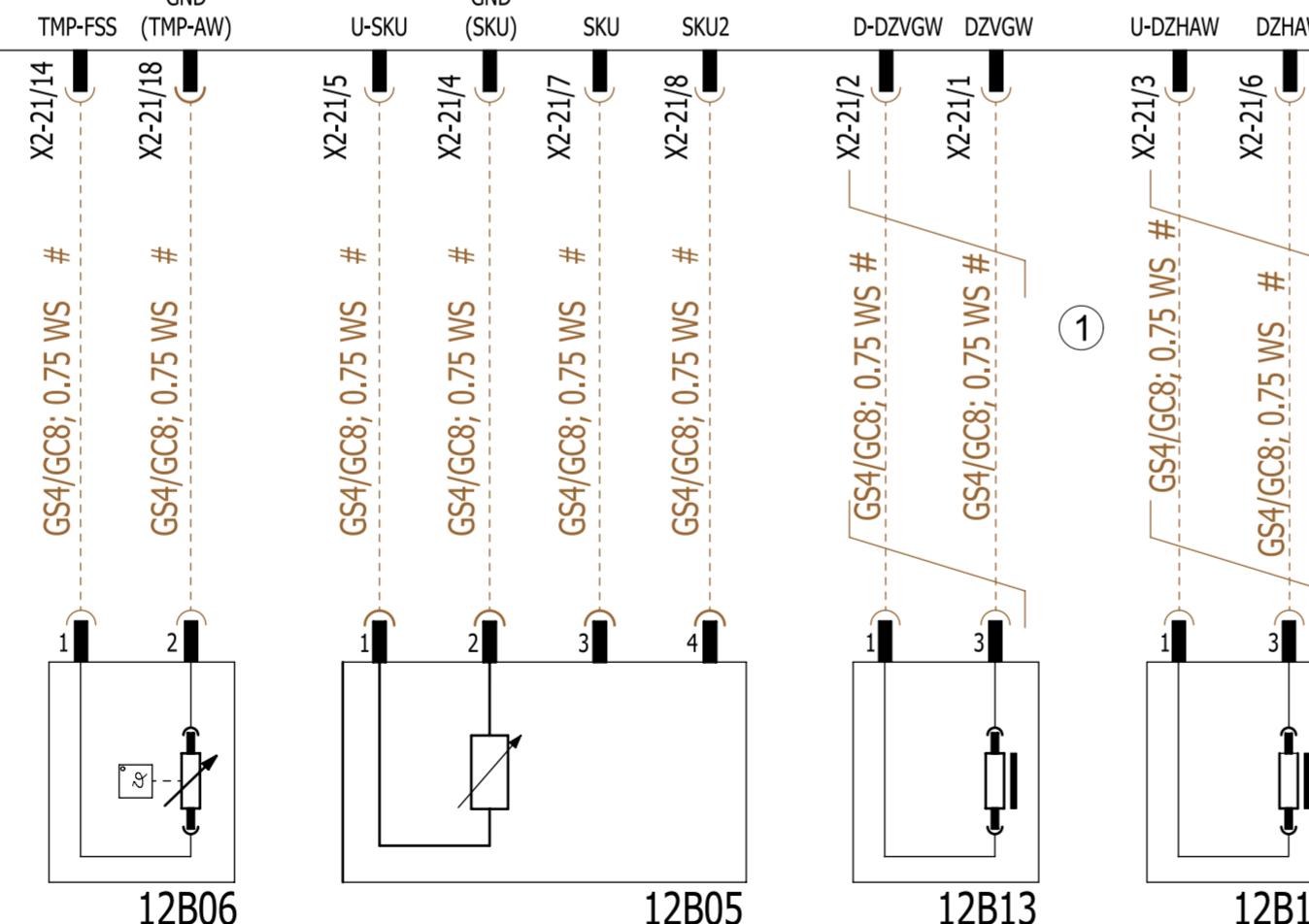
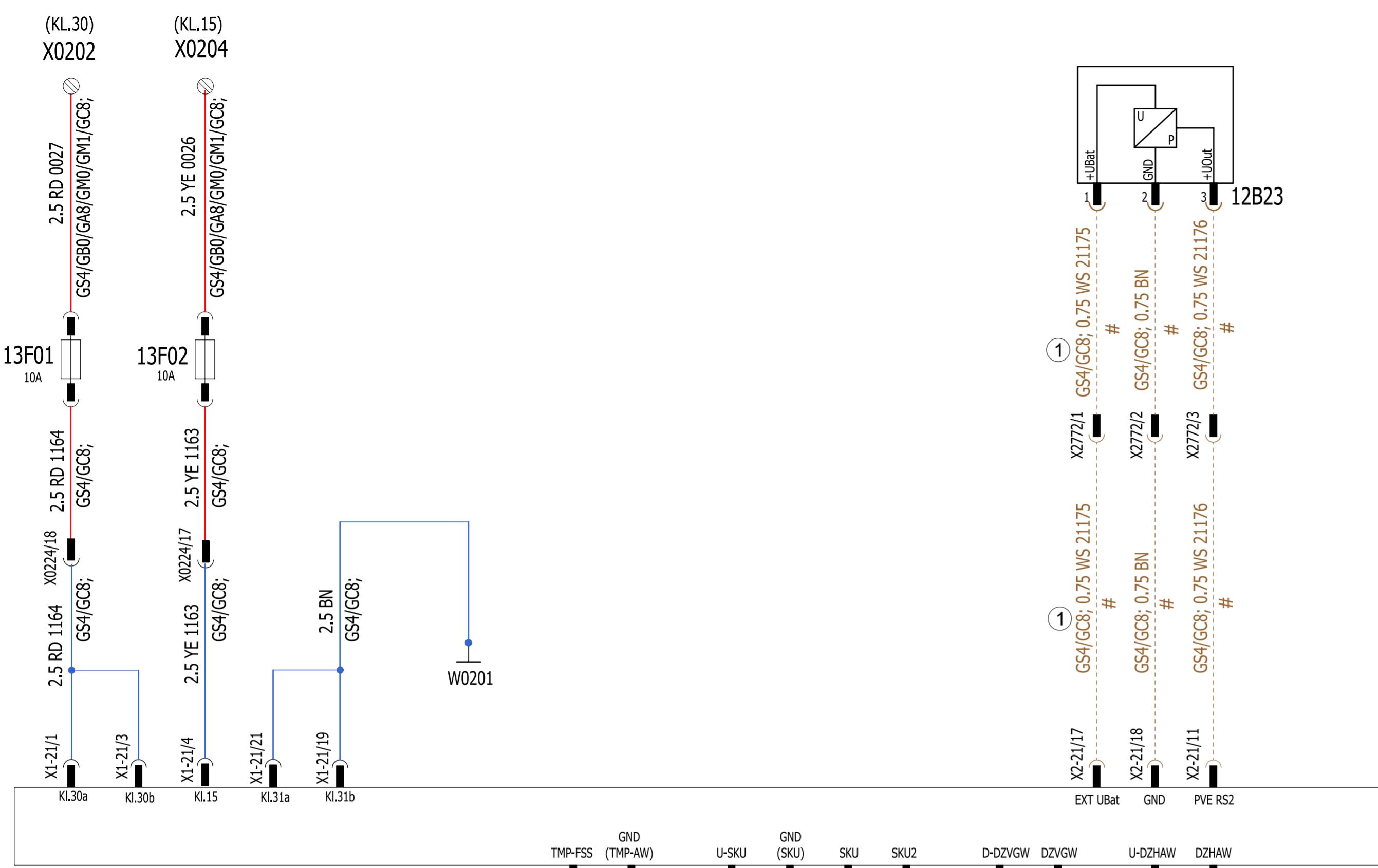
C

C

D

D

N



CODE

GS4 – TELLIGENT-SCHALTAUTOMATIK

GB0 – ALLISON AUT-TRANSMISSION S2100

GA8 – ALLISON AUT-TRANSMISSION B300R

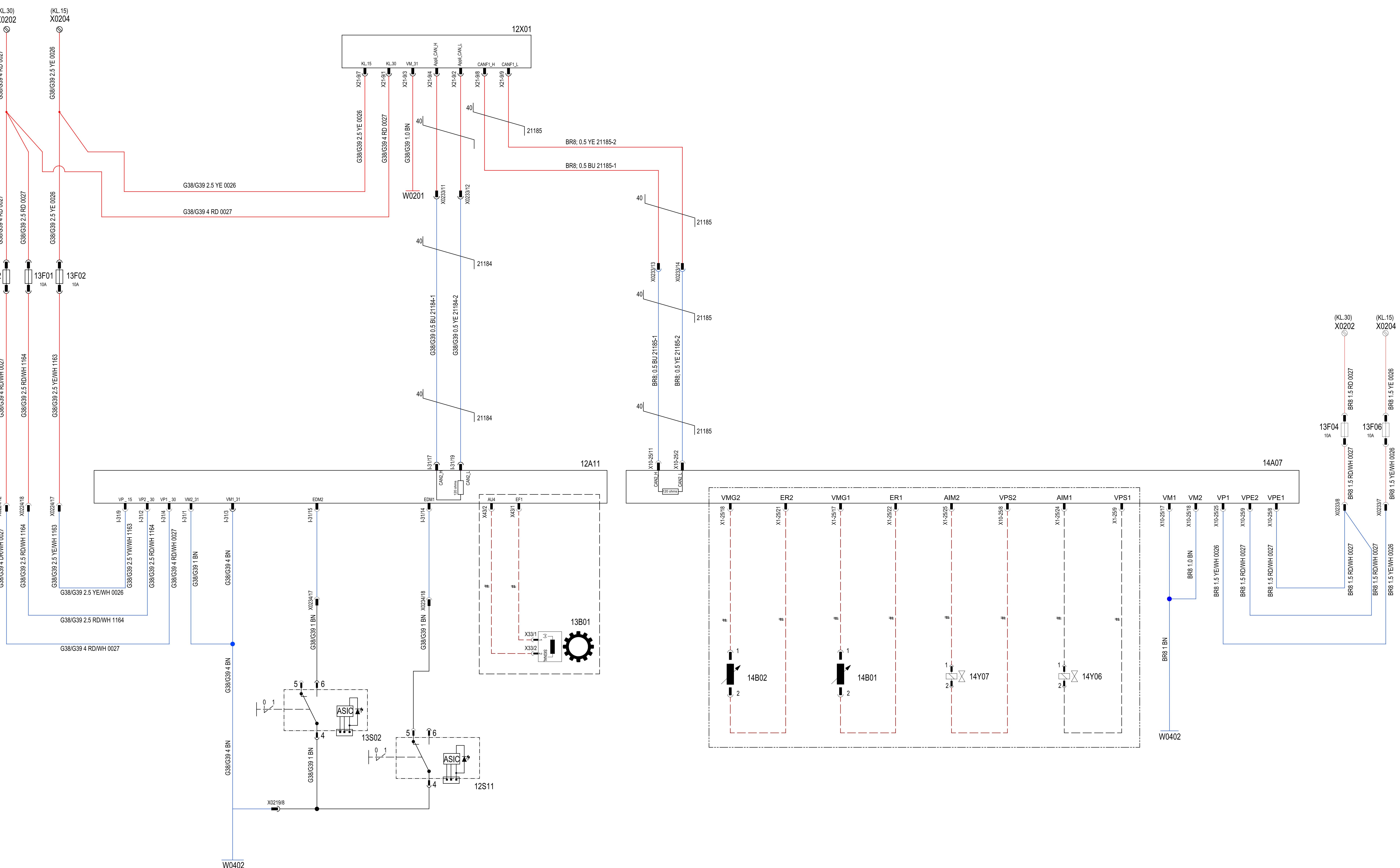
GM0 – AUT. GEARBOX ALLISON T3270R XFE

GM1 – ALLISON AUT-TRANSMISSION T2100

GC8 - TRANSMISSION G140-8

12A10	Transmission Control Unit (TCM)
12B05	Clutch Position Sensor
12B06	Transmission Temperature Sensor
12B13	Counter Shaft Speed Sensor
12B16	Main Shaft Speed Sensor
12B23	Transmission control pressure sensor
13F01	KL.30 Automated Transmission
13F02	KL.15 Automated Transmission
W0201	Ground main control panel
X0202	KL30 Main Distributor Electric Compartment
X0204	KL15 Main Distributor Electric Compartment
Item	Description

1/A1 to C4/Update codes//		002	BAR2817N11	brclaro	algoya	siehe Smaragd
Aenderungsindex / Aenderungsbeschreibung state of revision / revision text		ZGS	Auftrags-Nr. order no.	Bearb./auth. Pruef./check Datum/date	Norm/stand Datum/date	
Werkstoff (Endzustand) / material (fi.co.)	Oberfl.sch./surf.prot. DBL			Datum/date	Name/name	
Farbe/color				Bearb./auth.	-	-
Dekor/decoration	MBN 31030	Pruef./check				
Oberfl.ang./surf.texture	MBN 31007	Norm/stand.				
Oberflaeche/surface (m ²)		Freig./rel.	see	Smaragd		
Stammdaten/ masterdata	D-Pflicht/required Art/ type	MBN 10317	VeDoc-Relevanz/relevance	MBN 10385	ESD-Kennzeichen/code	
Smaragd	Anzahl Merkmale/ number of features				A0598030	
DS	0	0	0	0	federf.Abt./resp.dep.	
DZ	0	0			-	
Allg. Toleranzen/gen. tolerances				gesetzl.Merkmal/st.ftr.	ZGS	Auftr.-Nr./order no.
Referenz-Nr./reference no.	Masse/mass (kg)	Benennung/title				
Massstab/scale		STROML.PLAN				
Tolerierung/tolerancing		NX 1953	ELECTROTECHN.CIRCUIT DIAGRAM			
1			GEARBOX AGSII			
Letzter Aend-Index last state of revision						
	Mercedes-Benz	© Daimler Truck AG	Schutzvermerk DIN ISO 16016 beachten! Refer to protection notice DIN ISO 16016!	Format/sz.	Blatt/sh.	Sach-Nr./basic number
				A2		A 384 546 72 00
Keine Aenderung ohne Zustimmung der federführenden Konstruktion. / Any alterations are subject to the approval of the design department.						



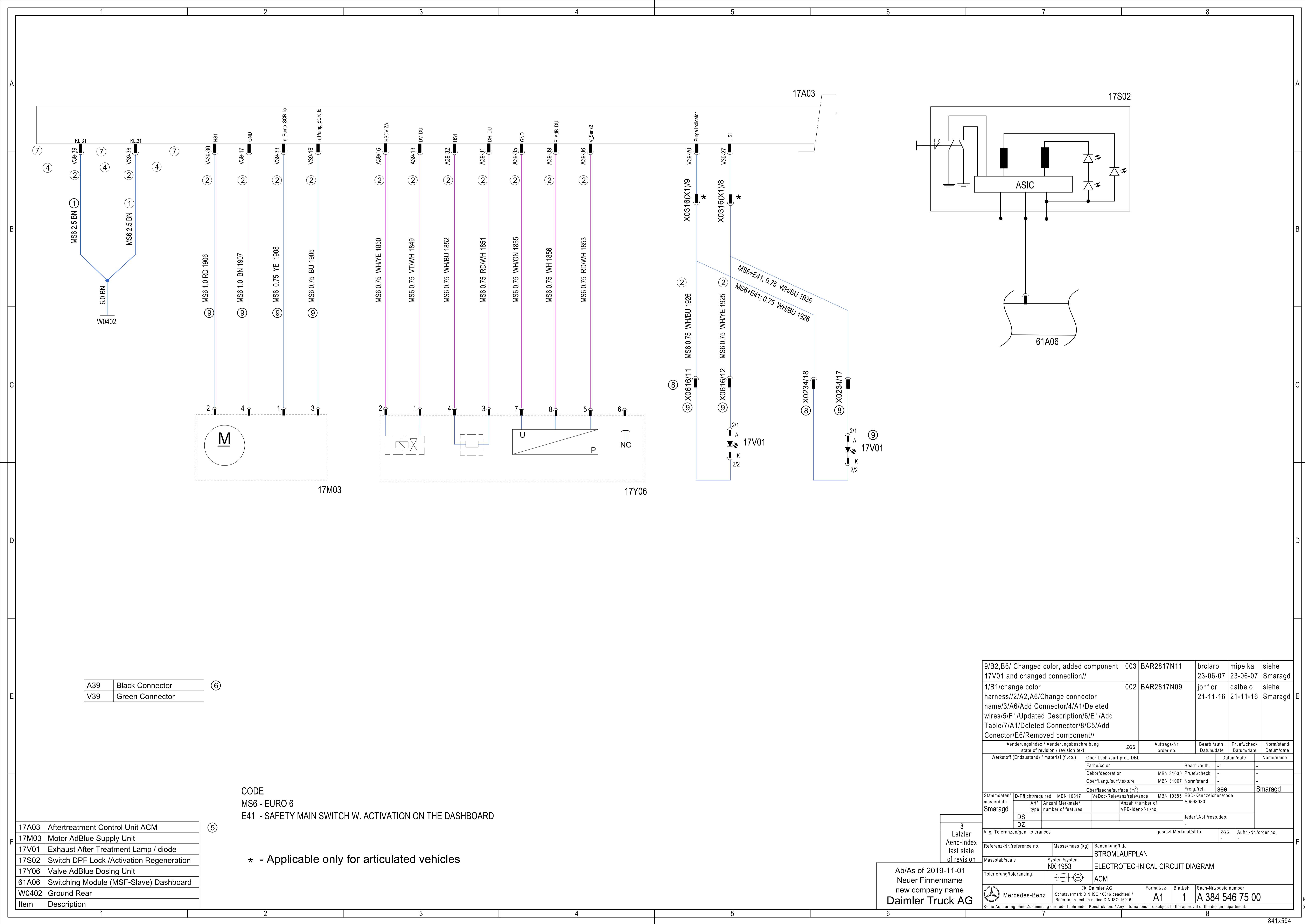
12A11	Traxon Gearbox ECU
12S11	EcoRoll OFF switch
12X01	Manual transmission diagnosis socket
13F01	Transmission fuse KL.30
13F02	Transmission fuse KL.15
13F04	Intarder fuse KL. 30
13F06	Intarder fuse KL. 15
13F12	Transmission fuse KL.30
13S02	Power mode switch
14A07	Intarder 3 ECU
14B02	Temperature sensor oil
13B01	Output speed sensor
14B01	Temperature sensor water
X0202	KL.30 Main Distributor Electric Compartment
X0204	KL.15 Main Distributor Electric Compartment
14Y06	Proportional solenoid control valve

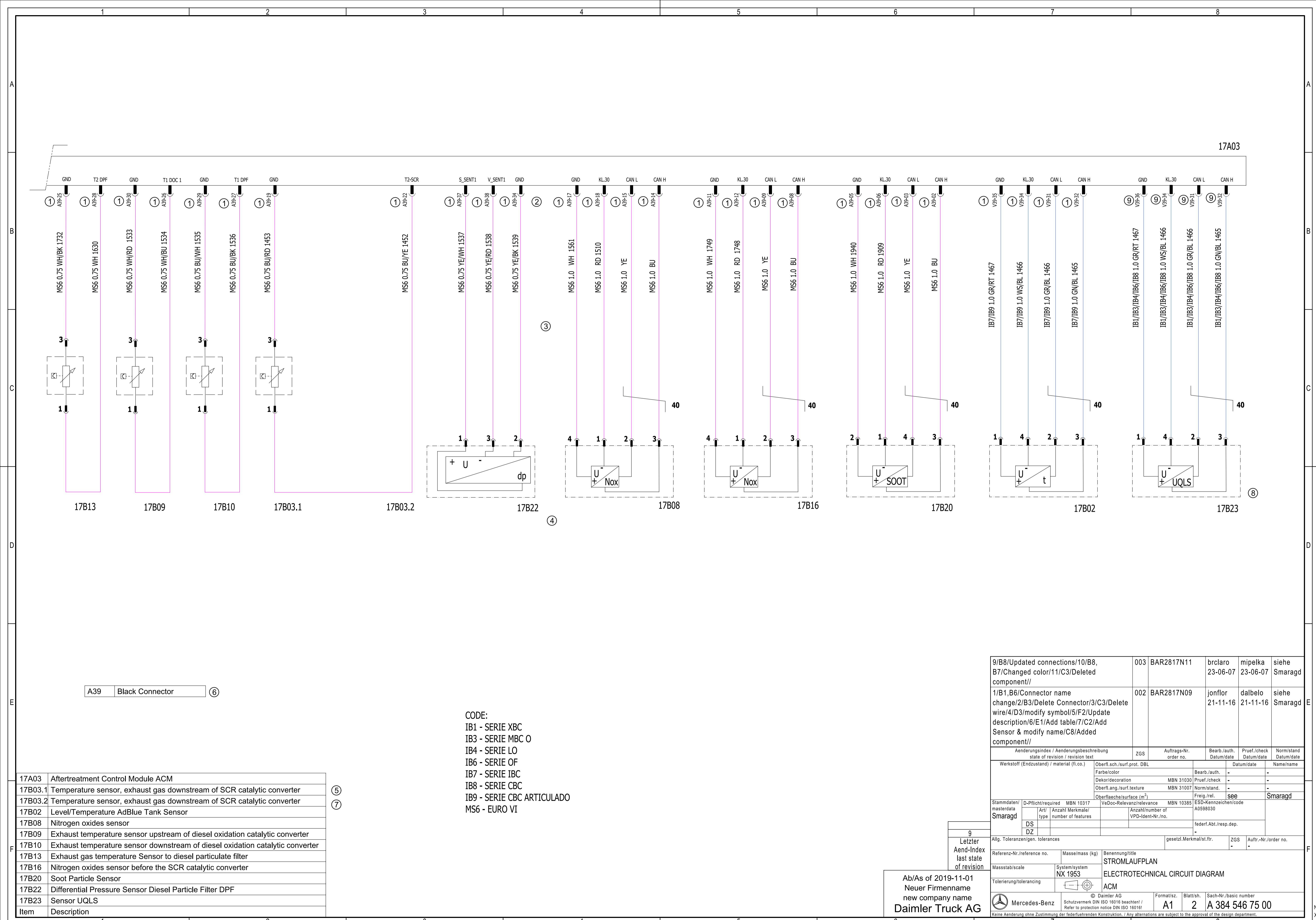
60


G38 - Transmissão ZF TraXon (over drive)
G39 - Transmissão ZF TraXon (direct drive)

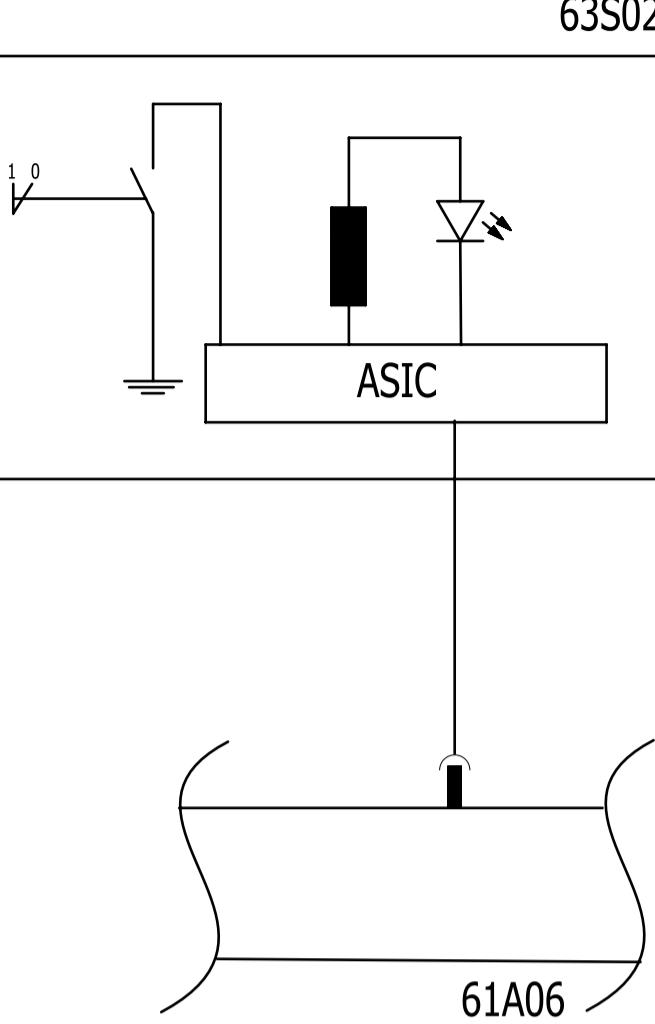
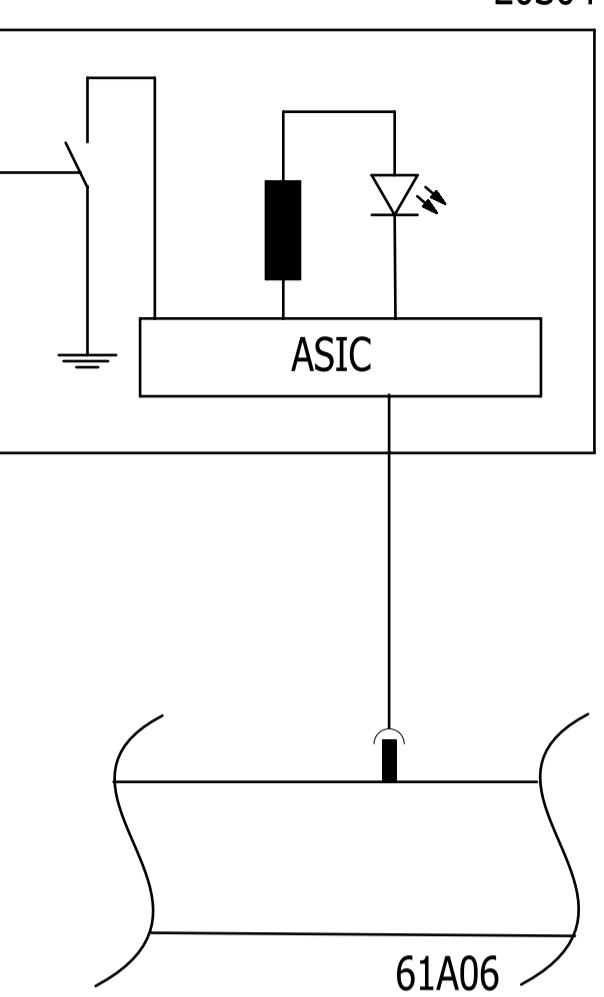
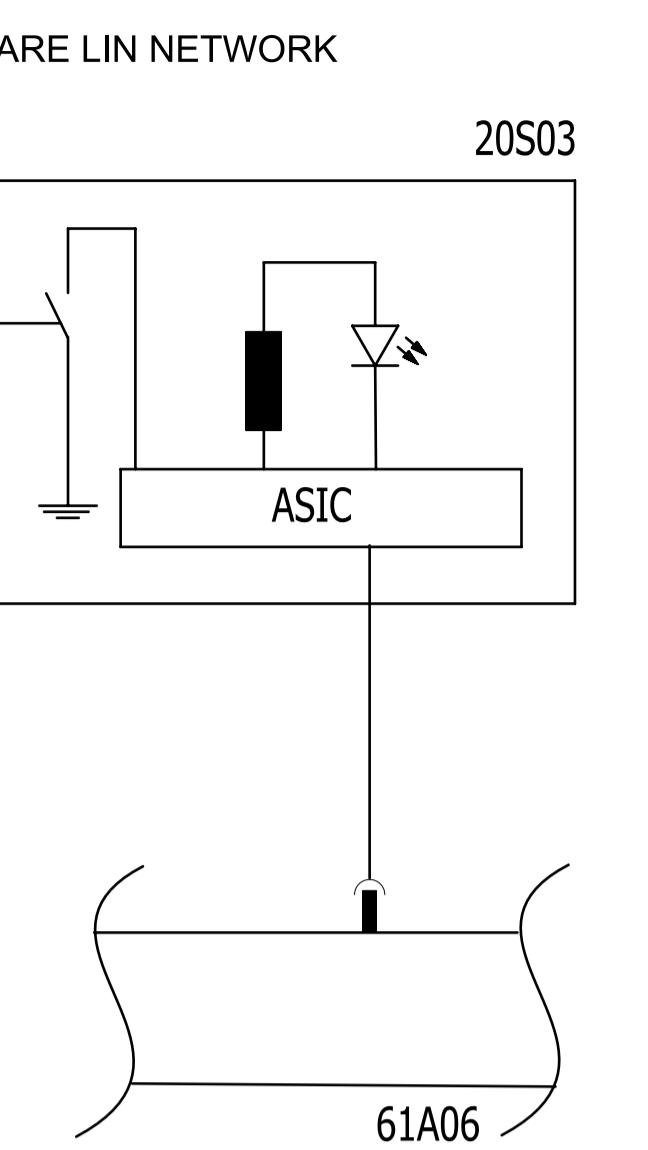
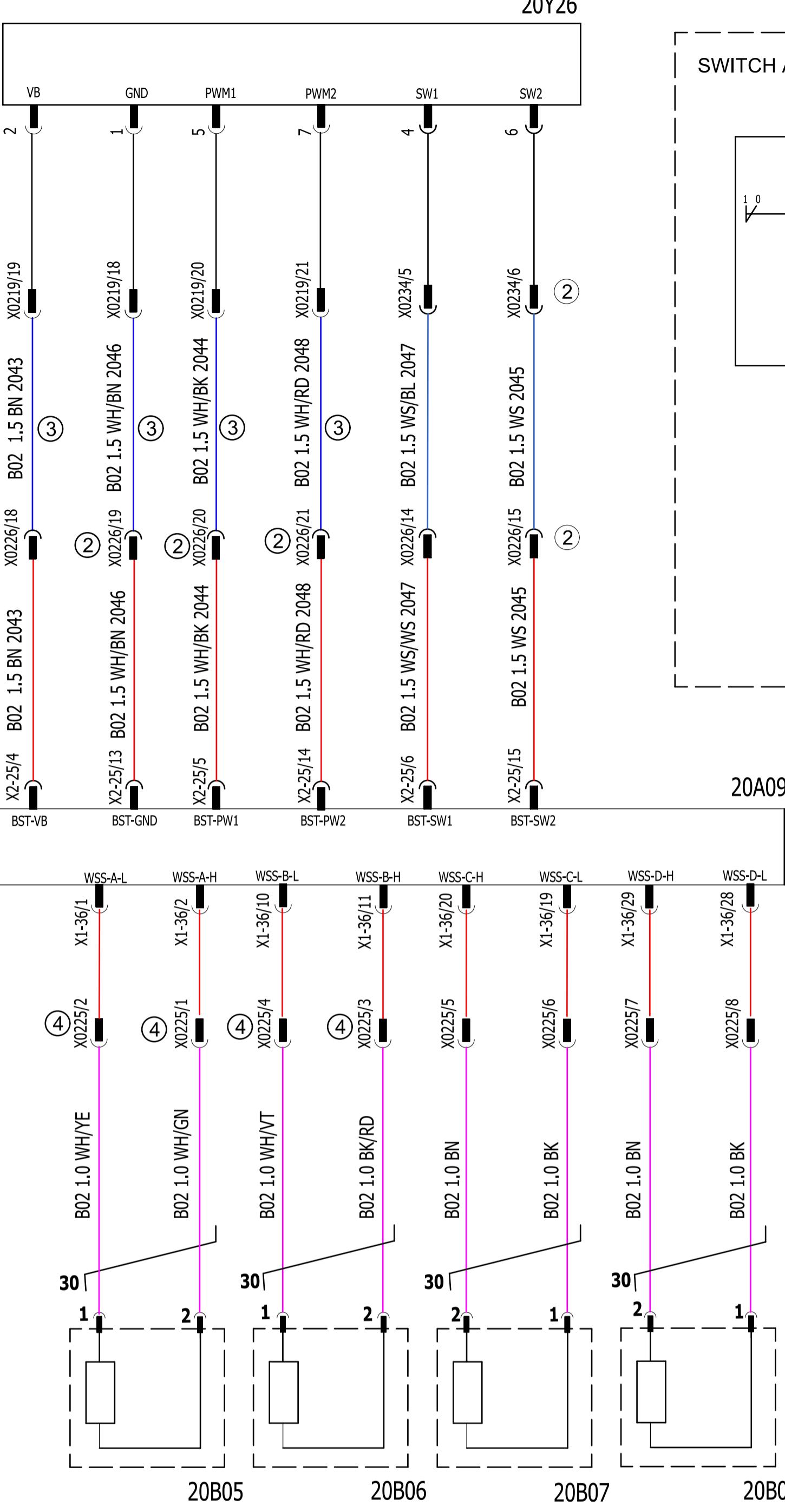
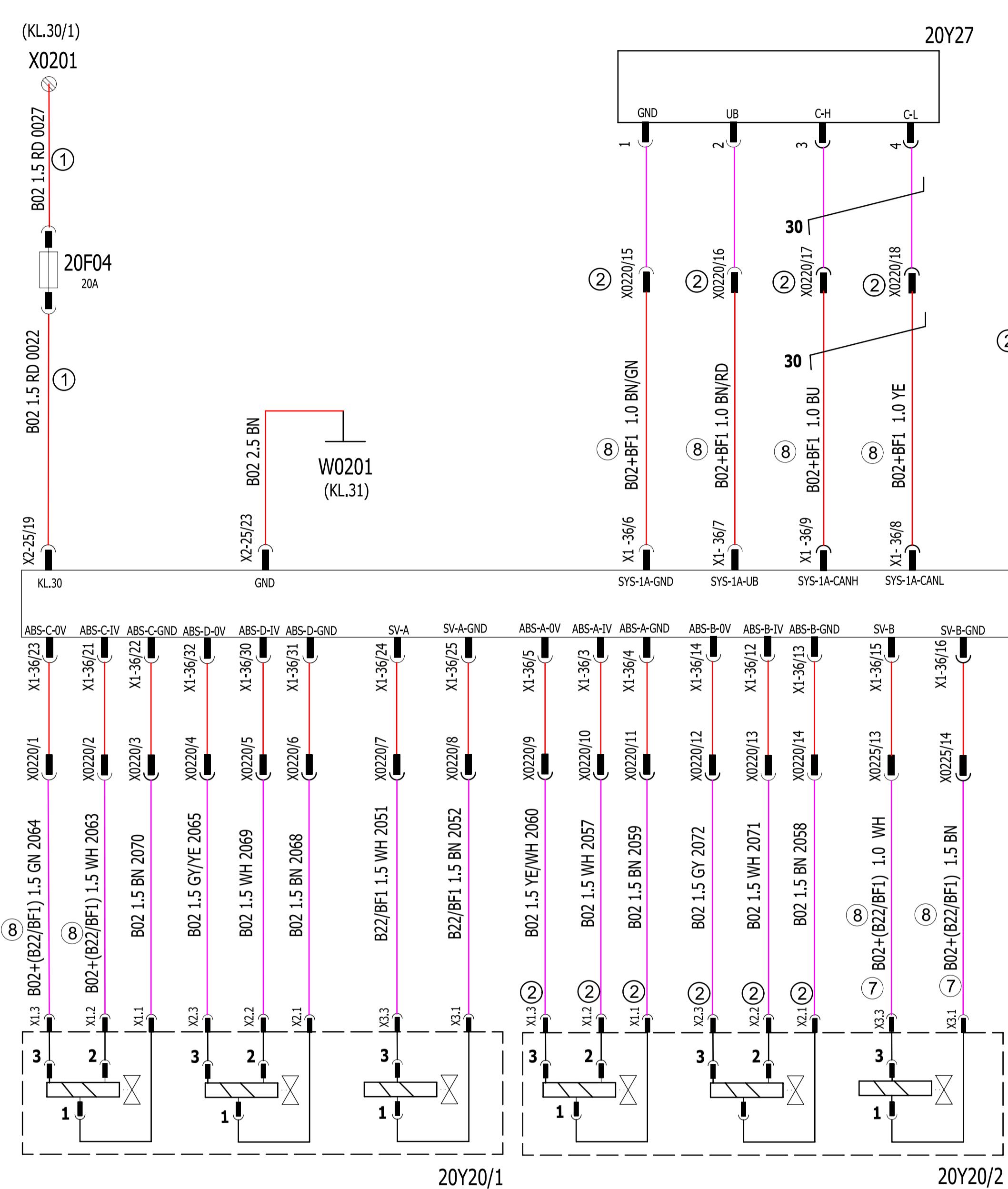
- G38 - Transmissão ZF TraXon (over drive)
- G39 - Transmissão ZF TraXon (direct drive)

BR8 - Intarder 3 ZL







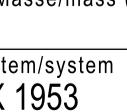


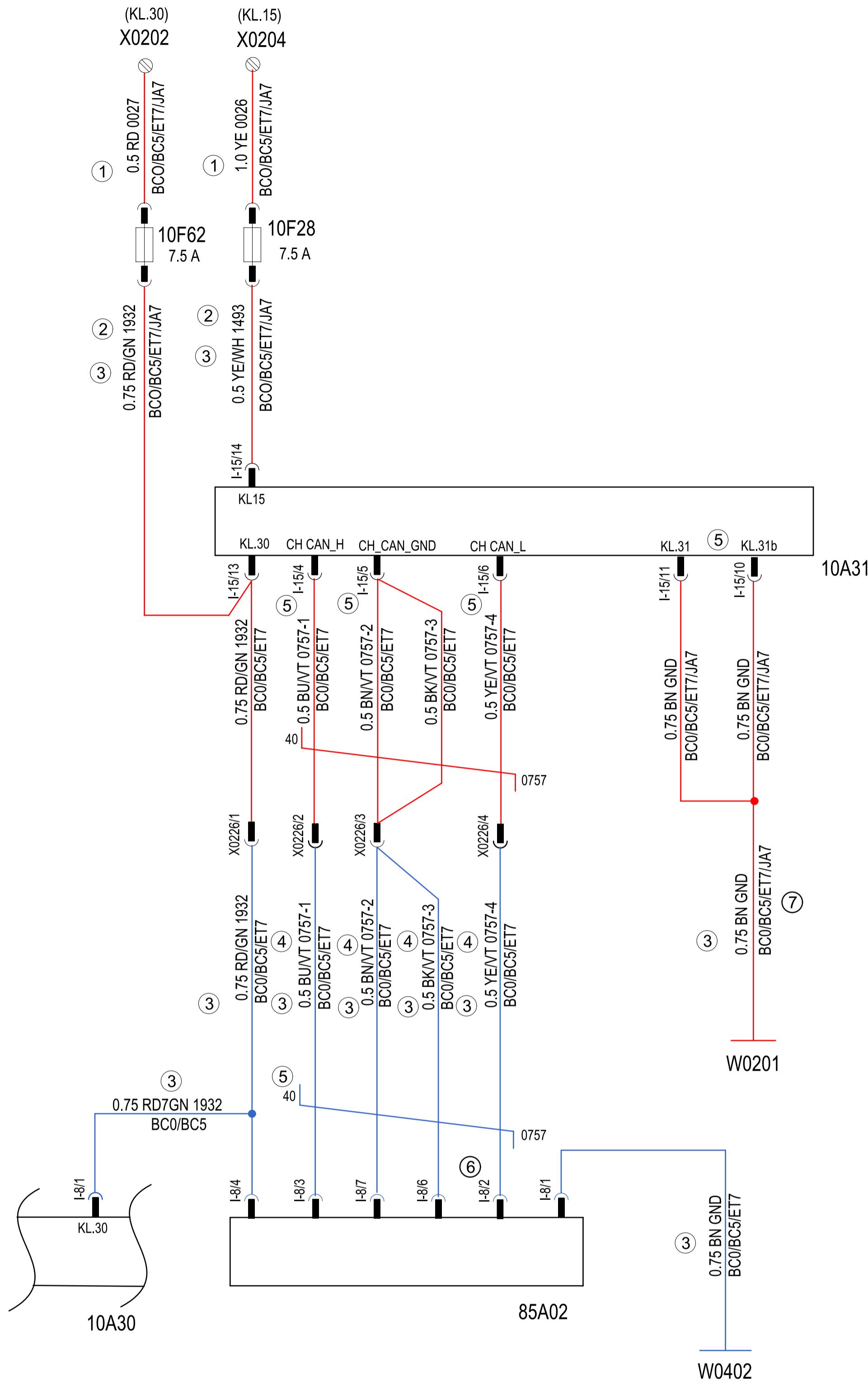
Item	Description
20A09	Antilock brake system control unit GABS+
20B05	Front Axle Left revs sensor
20B06	Front Axle Right revs sensor
20B07	Rear/Drive Axle Left revs sensor
20B08	Rear/Drive Axle Right revs sensor
20S03	ASR acceleration slip regulation switch
20S04	SR stability control switch
20Y20/1	RAVP (Rear Axle)
20Y20/2	RAVP (Front Axle)
20Y26	dFBM Digital Footbrake Valve ABS
20Y27	ESP Elektronisches Stabilitaets- Programm Modul
61A06	Switching Module (MSF-slave) dashboard
63S02	Hill holder/frequent-stop brake switch
W0201	Ground 1 main control panel (KL.31)
X0201	KL30 Main Distributor Electric Compartment
X0217	ABS Connector
20F04	KL.30 ABS Global

CODE :

(5) B02 - BREMSANLAGE, ANTIBLOCKIERSYSTEM (ABS)
B22 - FREIO DE PARADA
BF1 - PROGRAMA ELETRONICO DE ESTABILIDADE ESP

Ab/As of 2019-11-01
Neuer Firmenname
new company name
Daimler Truck AG

B1/Changed area/2/B4/Change nnector/3/B4/Changed color rness/4/C4/Changed cavity/5/E3/Deleted de/6/F1/Updated table/7/D3/add de/8/B3/Updated code//.			002	BAR2817N11		BRCLARO 23-06-07	qujesus 23-06-07	siehe Smaragd		
Aenderungsindex / Aenderungsbeschreibung state of revision / revision text			ZGS	Auftrags-Nr. order no.		Bearb./auth. Datum/date	Pruef./check Datum/date	Norm/stand Datum/date		
Aenderungsindex / Aenderungsbeschreibung state of revision / revision text			ZGS	Auftrags-Nr. order no.		Bearb./auth. Datum/date	Pruef./check Datum/date	Norm/stand Datum/date		
Werkstoff (Endzustand) / material (fi.co.)			Oberfl.sch./surf.prot. DBL				Datum/date	Name/name		
			Farbe/color			Bearb./auth. -		-		
			Dekor/decoration		MBN 31030	Pruef./check	-	-		
			Oberfl.lang./surf.texture		MBN 31007	Norm/stand.	-	-		
			Oberflaeche/surface (m ²)			Freig./rel. See		Smaragd		
nmdaten/ terdata aragd	D-Pflicht/required MBN 10317			VeDoc-Relevanz/relevance MBN 10385		ESD-Kennzeichen/code A0598030				
	Art/ type	Anzahl Merkmale/ number of features		Anzahl/number of VPD-Ident-Nr./no.		N				
	DS	0	0	0		federf.Abt./resp.dep. -				
	DZ	0	0							
Toleranzen/gen. tolerances					gesetzl.Merkmal/st.ftr.	ZGS -	Auftr.-Nr./order no. -			
erenz-Nr./reference no.		Masse/mass (kg)	Benennung/title STROML.PLAN							
sstab/scale		System/system NX 1953	ELECTROTECHN.CIRCUIT DIAGRAM							
erierung/tolerancing			ABS/ASR GLOBAL							
Mercedes-Benz		© Daimler AG Schutzvermerk DIN ISO 16016 beachten! Refer to protection notice DIN ISO 16016!		Format/sz. A1	Blatt/sh.	Sach-Nr./basic number A 384 546 86 00				



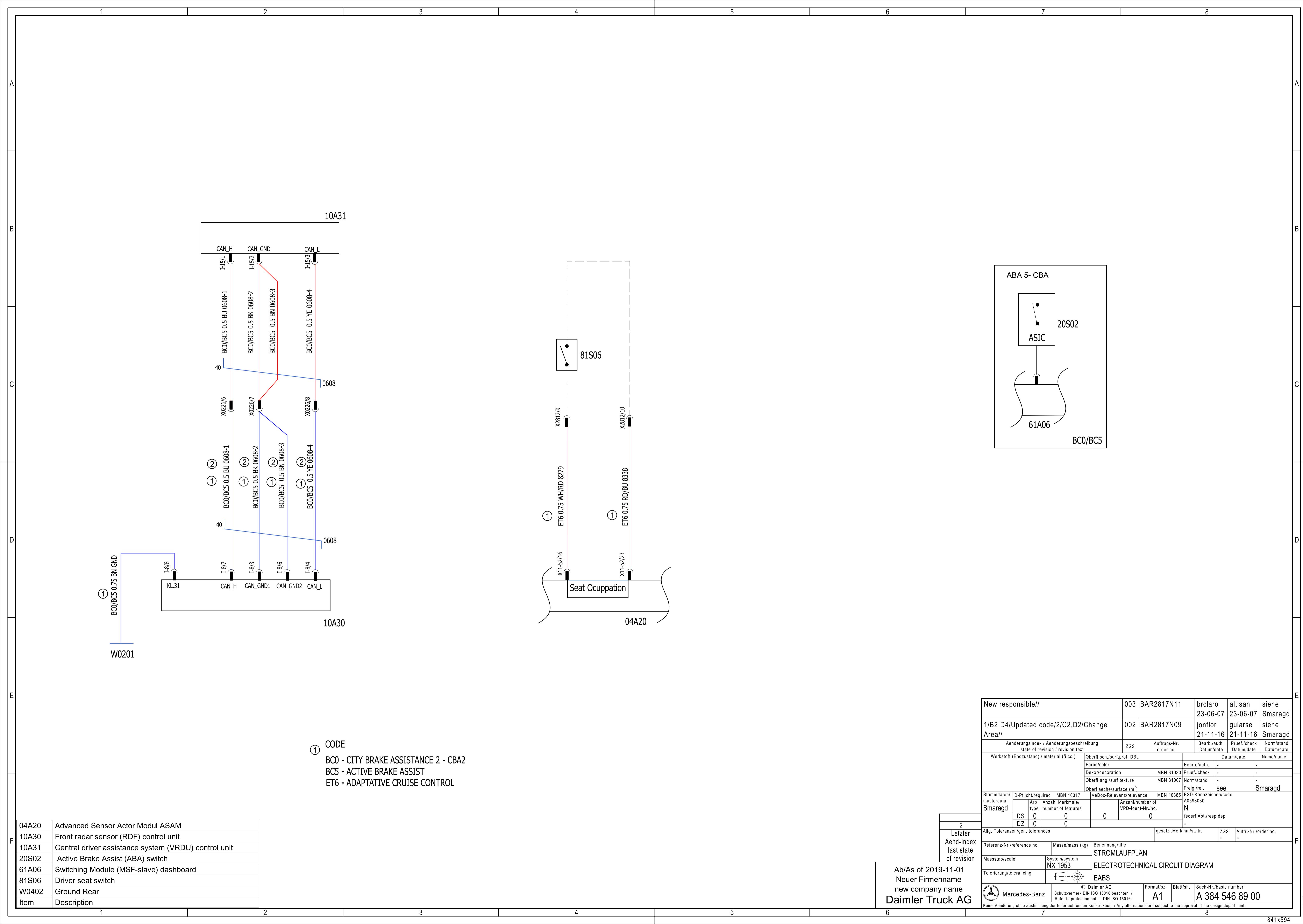
6/D2/Updated connection/7/C3/Updated code//	003	BAR2817N11	brclaro	altisan	siehe Smaragd
1/A1/Add Area & Color/2/B1/ Change area/3/A1.D6/Change Code/4/D1,A6/Change area/5/D2/Updated Information//	002	BAR2817N09	jonflor	gularse	siehe Smaragd
Änderungsindex / Änderungsbeschreibung state of revision / revision text					
Werkstoff (Endzustand) / material (f.i.co.)	Oberfl.sch./surf.prot. DBL	Auftrags-Nr. order no.	Bearb./auth. Datum/date	Pfeil./check Datum/date	Norm/stand Datum/date
Farbe/color	-	-	-	-	-
Dekor/decoration	MBN 31030	Pruef./check	-	-	-
Oberfl.lang./surf.texture	MBN 31007	Norm/stand	-	-	-
Oberfläche/surface (m²)	Freig./rel. see	Freig./rel. see	Smaragd		
Stammdaten/ masterdata	D-Pflicht required MBN 10317	VeDoc-Relevanz/relevance MBN 10385	ESD-Kennzeichen/code		
Smaragd	Art/ type	Anzahl Merkmale/ number of features	Anzahl/number of VPD-Ident-Nr.: N	A0598030	
	DS 0	0	0	0	federl.Abt./resp. dep.
	DZ 0	0	0	0	-
7	Allg. Toleranzen/gen. tolerances	gesetzl.Merkmal/st.frt.	ZGS	Auftr.-Nr./order no.	
Letzter Aend-Index last state of revision	Referenz-Nr./reference no.	Masse/mass (kg)	Benennung/title		
			STROMLAUFPLAN		
	Massstab/scale	System/system	NX 1953	ELECTROTECHNICAL CIRCUIT DIAGRAM	
	Tolerierung/tolerancing	LUDWS			
	Daimler-Benz	© Daimler AG	Format/sz.	Blatt/sb.	Sach-Nr./basic number
		Schutzvermerk DIN ISO 16016 beachten / Refer to protection notice DIN ISO 16016	A1	A 384 546 88 00	
	Keine Änderung ohne Zustimmung der federführenden Konstruktion, / Any alternations are subject to the approval of the design department.				

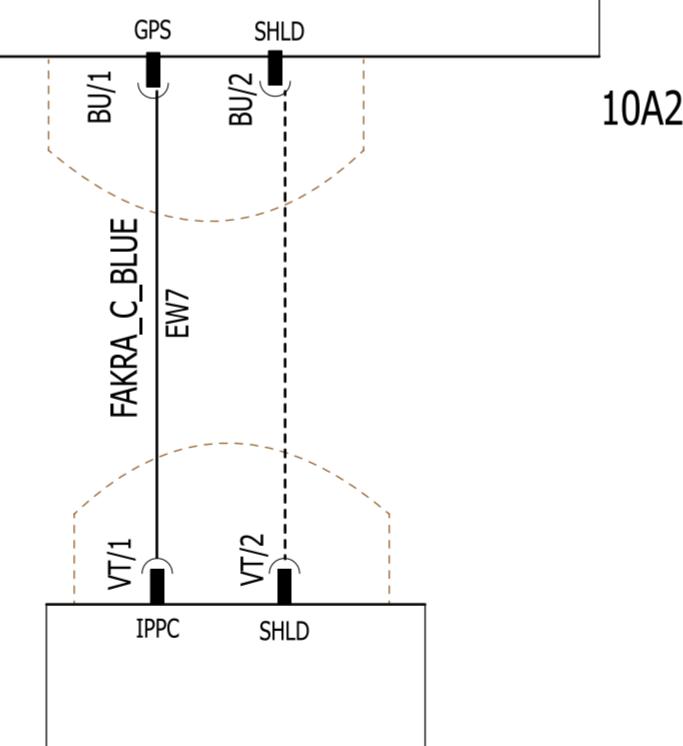
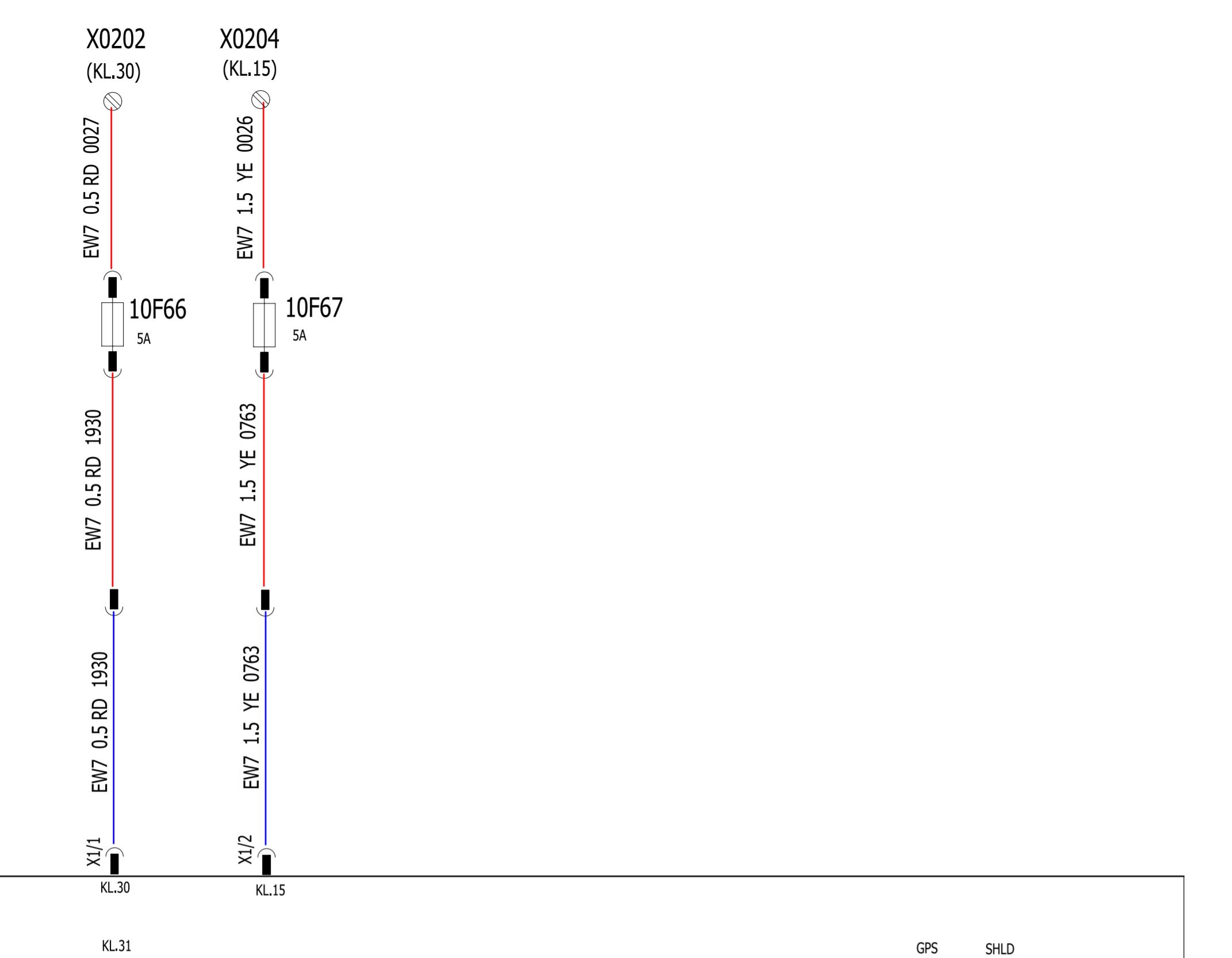
CODE

- ③ BC5 - ACTIVE BRAKE ASSIST
- ③ JA7 - BLIND SPOT ASSIST
- ③ BC0 - CITY BRAKE ASSIST
- ③ ET7 - LANE DEPARTURE WARNING

04A20	Advanced Sensor Actor Modul ASAM
10A30	Front radar sensor (RDF) control unit
10A31	Central driver assistance system (VRDU) control unit
10F28	KL.15 fuse driver assistance system control unit (VRDU)
10F62	KL.30 fuse driver assistance system control unit (VRDU)
61A06	Switching Module (MSF-slave) dashboard
81M07	Left vibrating seat motor
81M08	Right vibrating seat motor
85A02	Lane Keeping Assist (LDW) control unit
85S01	Lane assist ON/OFF switch
W0201	Ground 1 main control panel
W0402	Ground Rear
X0202	KL.30 Main Distributor Electric Compartment
X0204	KL.15 Main Distributor Electric Compartment
Item	Description

Ab/As of 2019-11-01
Neuer Firmenname
new company name
Daimler Truck AG





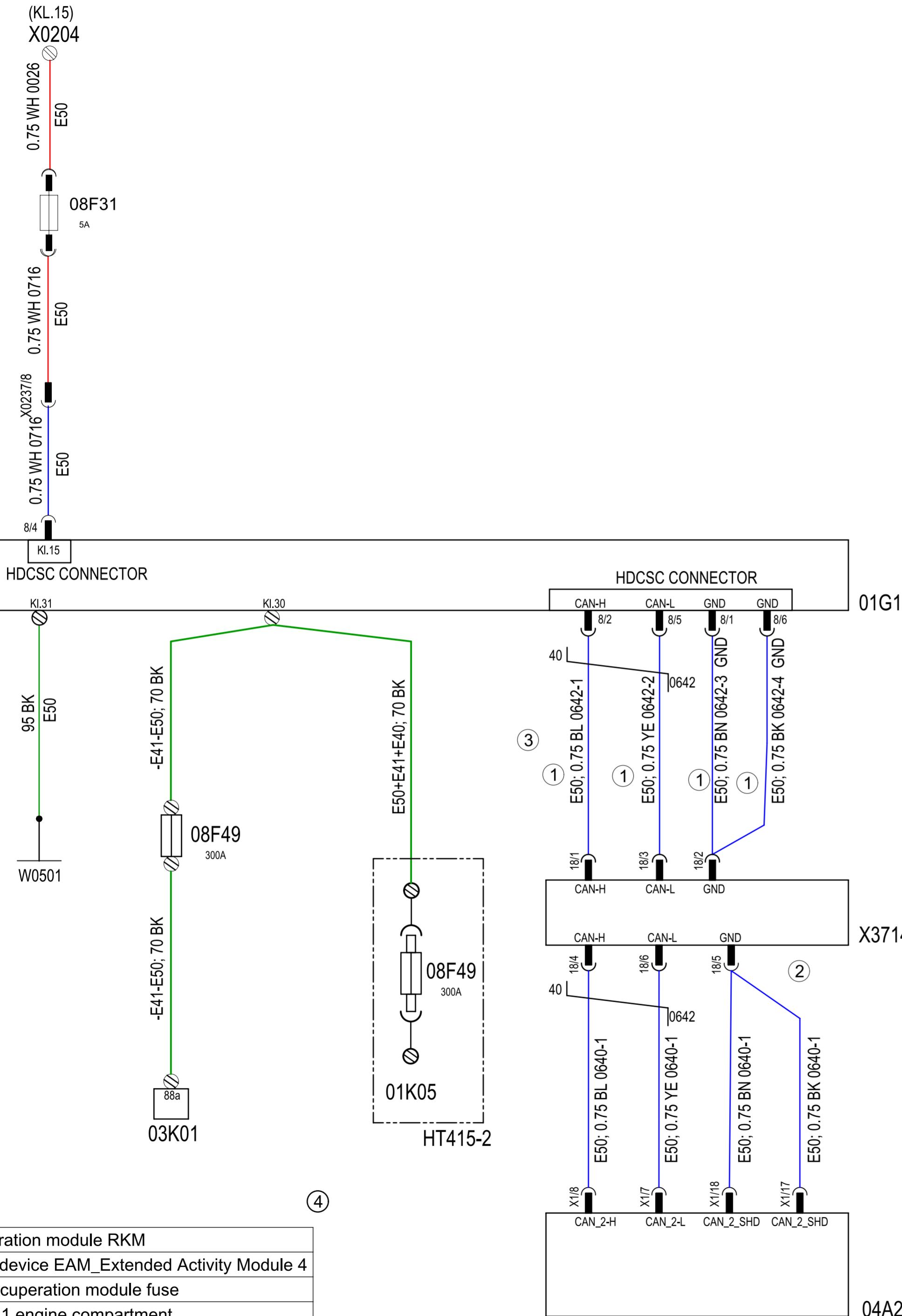
76W90

Item	Description
10A29	Intelligent Predictive Powertrain Control (IPCC) control unit
10F66	KL30 intelligent Predictive Powertrain Control (IPCC) fuse
10F67	KL15 intelligent Predictive Powertrain Control (IPCC) fuse
76W90	Antenna Fleetboard
W0201	Ground main control panel
X0202	KL.30 Main Distributor Electric Compartment
X0204	KL.15 Main Distributor Electric Compartment

CODE
EW7 - Intelligent Predictive Powertrain Control (IPCC)

Letzter
Aend.-Index
last state
of revision

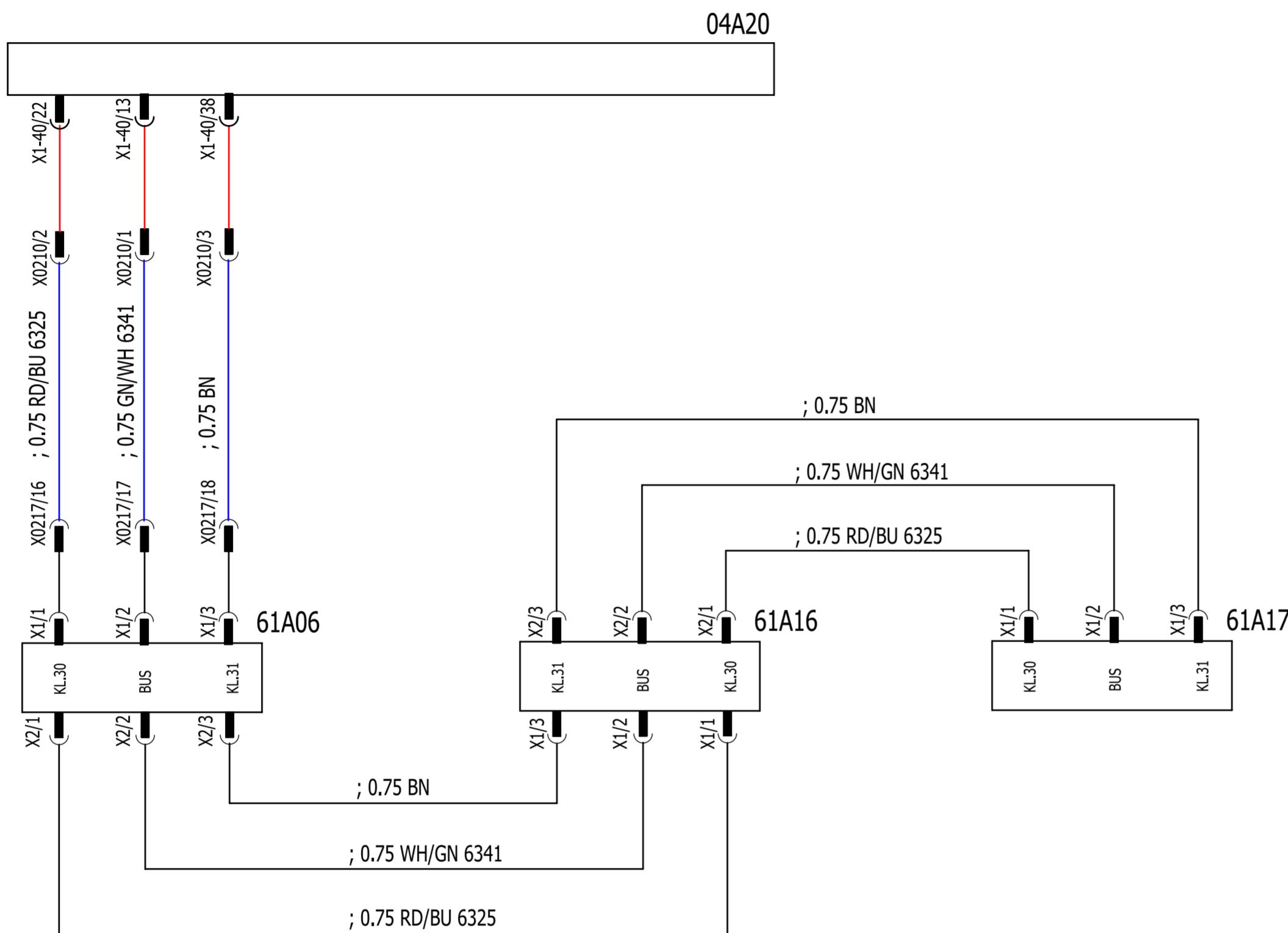
Änderungsindex / Änderungsbeschreibung state of revision / revision text		ZGS	Auftrags-Nr. order no.	Bearb./auth. Datum/date	Pruef./check Datum/date	Norm/stand Datum/date
Werkstoff (Endzustand) / material (fi.co.)	Oberfl.sch./surf.prot. DBL			Datum/date	Name/name	
Farbe/color				Bearb./auth.		
Dekor/decoration	MBN 31030	Pruef./check	siehe/see	KEM		
Oberfl.ang./surf.texture	MBN 31007	Norm/stand.	siehe/see	KEM		
Oberflaeche/surface (m ²)		Freig./rel.	siehe/see	KEM		
Stammdaten/ masterdata	D-Pflicht/required MBN 10317	VeDoc-Relevanz/relevance MBN 10385	ESD-Kennzeichen/code			
Manuell	Art/ type	Anzahl Merkmale/ number of features	Anzahl/number of VPD-Ident.-Nr./no.	A0598030	N	
	DS 0	0	0	federf.Abt./resp.dep.		
	DZ 0	0	0	BUS/PCB		
Allg. Toleranzen/gen. tolerances			gesetzl.Merkmal/st.ftr.	ZGS 001	Auftr.-Nr./order no.	
Referenz-Nr./reference no.	Masse/mass (kg)	Benennung/title				
		STROMLAUFPPLAN				
Massstab/scale	System/system	NX 1953	ELECTROTECHNICAL CIRCUIT DIAGRAM			
Tolerierung/tolerancing	+/-					
Mercedes-Benz	© Daimler Truck AG Schutzvermerk DIN ISO 16016 beachten! Refer to protection notice DIN ISO 16016!	Format/sz. Blatt/sh.	Sach-Nr./basic number	A2	A 384 546 90 00	
Keine Änderung ohne Zustimmung der federführenden Konstruktion. / Any alterations are subject to the approval of the design department.						



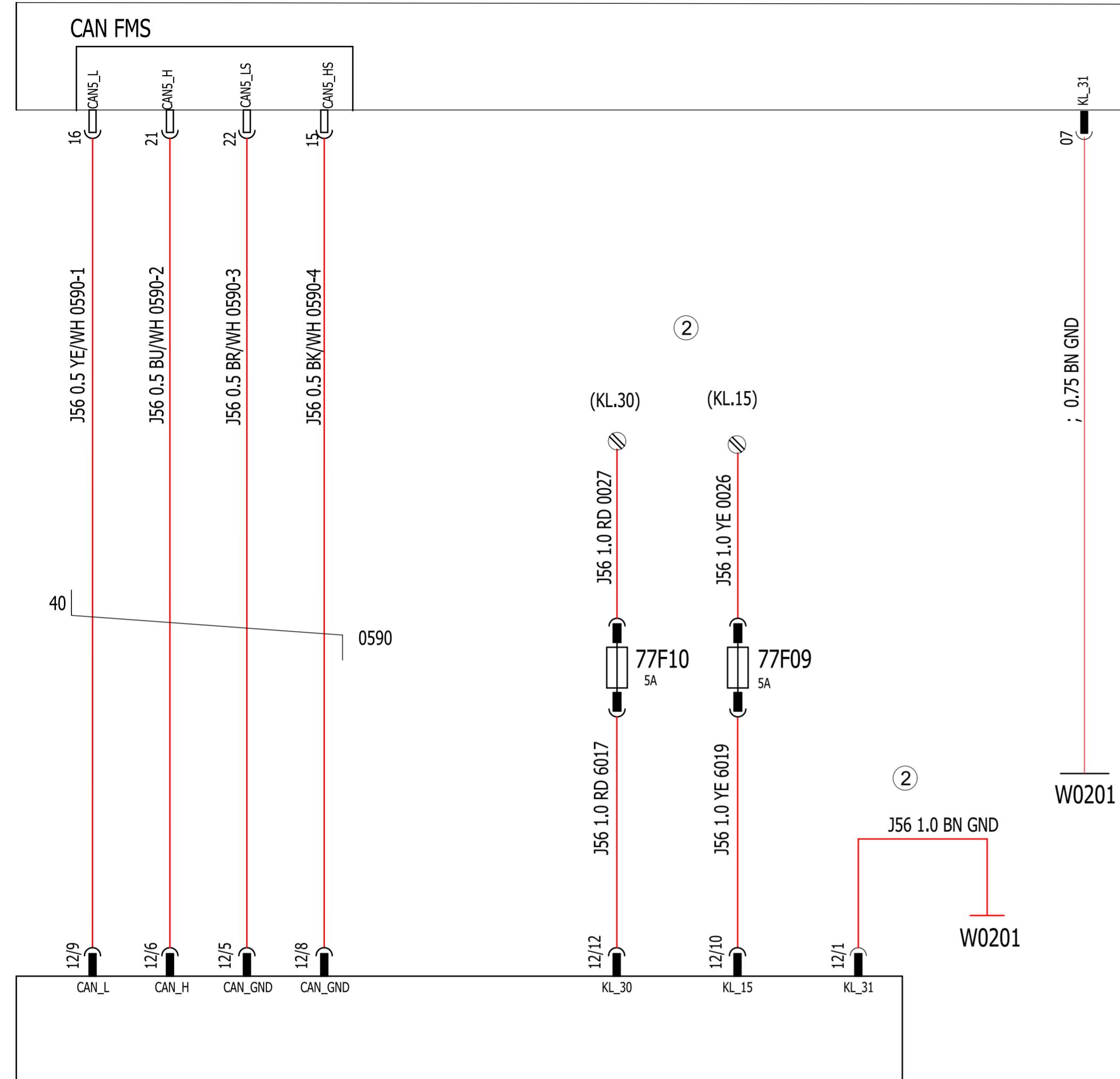
Item	Description
01G15	Recuperation module RKM
04A24	Control device EAM_Extended Activity Module 4
08F31	kl. 15 recuperation module fuse
W0501	Ground 1 engine compartment
X0204	Distributor main control panel KL 15
X3714	Recuperation module (RKM) star point
Item	Description

E50 - MODULO DE RECUPERACAO DE ENERGIA 24V

1/C2/Updated area/2/C2/Updated name/3/C2/Deleted Connection/4/D1/Updated table//.			002	BAR2817N11	JONFLOR 23-06-07	REMOTTA 23-06-07	siehe Smaragd
Aenderungsindex / Änderungsbeschreibung state of revision / revision text			ZGS	Auftrags-Nr. order no.	Bearb./auth. Datum/date	Pruef./check Datum/date	Norm/stand Datum/date
Werkstoff (Endzustand) / material (fi.co.)	Oberfl.sch./surf.prot. DBL				Datum/date		Name/name
Farbe/color					Bearb./auth.	-	-
Dekor/decoration	MBN 31030	Pruef./check	-	-			
Oberfl.ang./surf.texture	MBN 31007	Norm/stand.	-	-			
Oberflaeche/surface (m ²)		Freig./rel.	See	Smaragd			
Stammdaten/ masterdata	D-Pflicht/required MBN 10317	VeDoc-Relevanz/relevance MBN 10385	ESD-Kennzeichen/code A0598030	N	federf.Abt./resp.dep.		
Smaragd	Art/ type	Anzahl Merkmale/ number of features		Anzahl/number of VPD-Ident-Nr./no.			
	DS 0	0	0	0			
	DZ 0	0					
Allg. Toleranzen/gen. tolerances			gesetzl.Merkmal/st.ftr.	ZGS	Auftr.-Nr./order no.		
Referenz-Nr./reference no.	Masse/mass (kg)	Benennung/title					
Massstab/scale		STROMLAUFPLAN					
Tolerierung/tolerancing							
Letzter Aend-Index last state of revision							
	Mercedes-Benz	© Daimler Truck AG Schutzvermerk DIN ISO 16016 beachten! Refer to protection notice DIN ISO 16016!	Format/sz.	Blatt/sh.	Sach-Nr./basic number		
			A2		A 384 546 91 00		
Keine Aenderung ohne Zustimmung der federführenden Konstruktion. / Any alternations are subject to the approval of the design department.							



04A20	Advanced Sensor Actor Modul ASAM
61A06	Switching Module (MSF-slave) dashboard
61A16	Switching Module (MSF-slave) slave panel 2
61A17	Switching Module (MSF-slave) slave panel 3
Item	Description

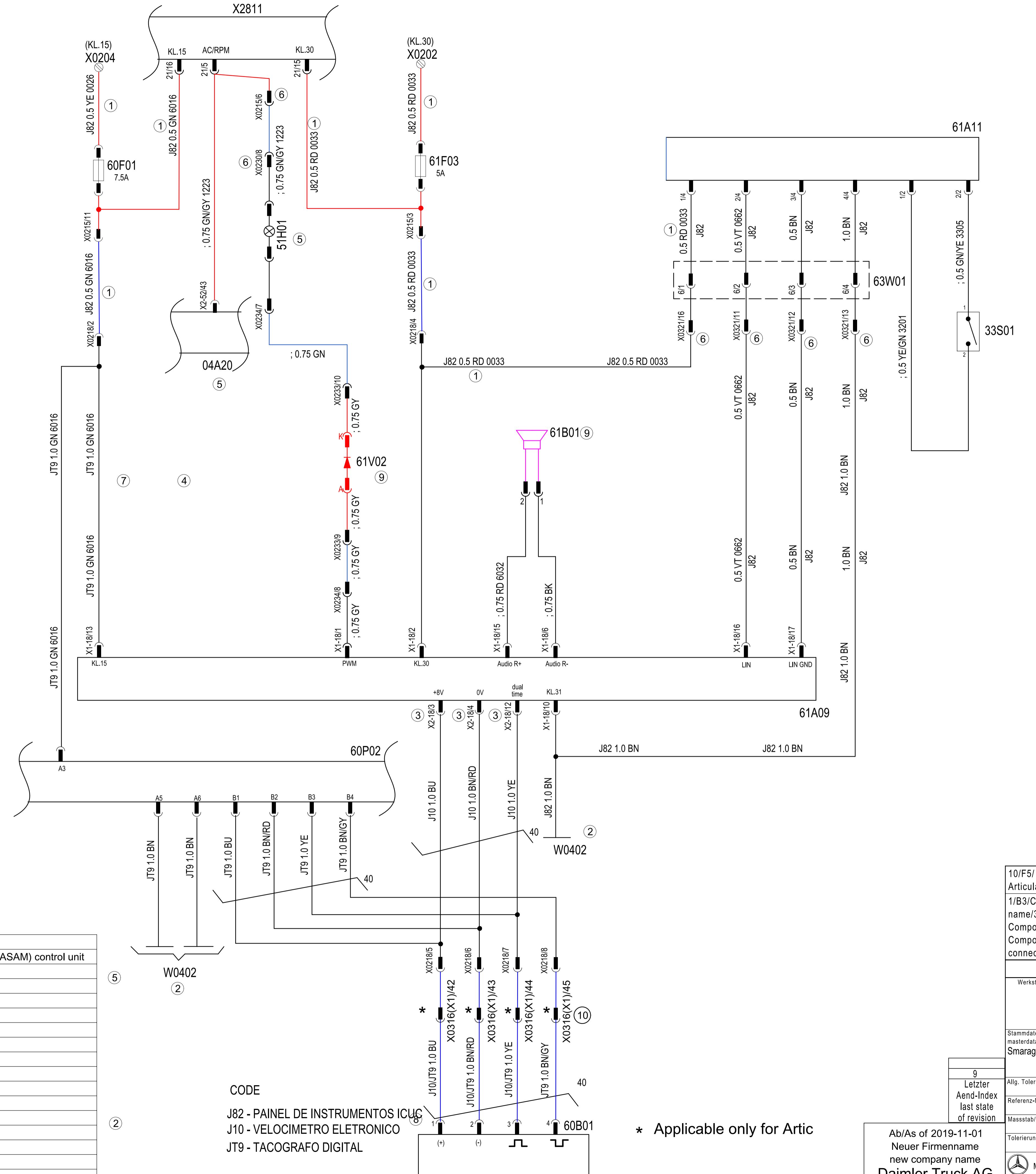


CODE

J56 - FMS-PREPARAÇÃO P/SISTEMA DE GERENCIAMENTO DE FROTA

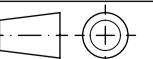
Item	Description
05A02	Central gateway CGW
05F03	CAN Gateway K.L 30 Fuse
77F09	FMS KL.15
77F10	FMS KL.30
X0295	FMS Connector
W0201	Ground main control panel
X2812	Body Builder Connector
X0202	K.L 30 Main Distribuitior Electric Compartment

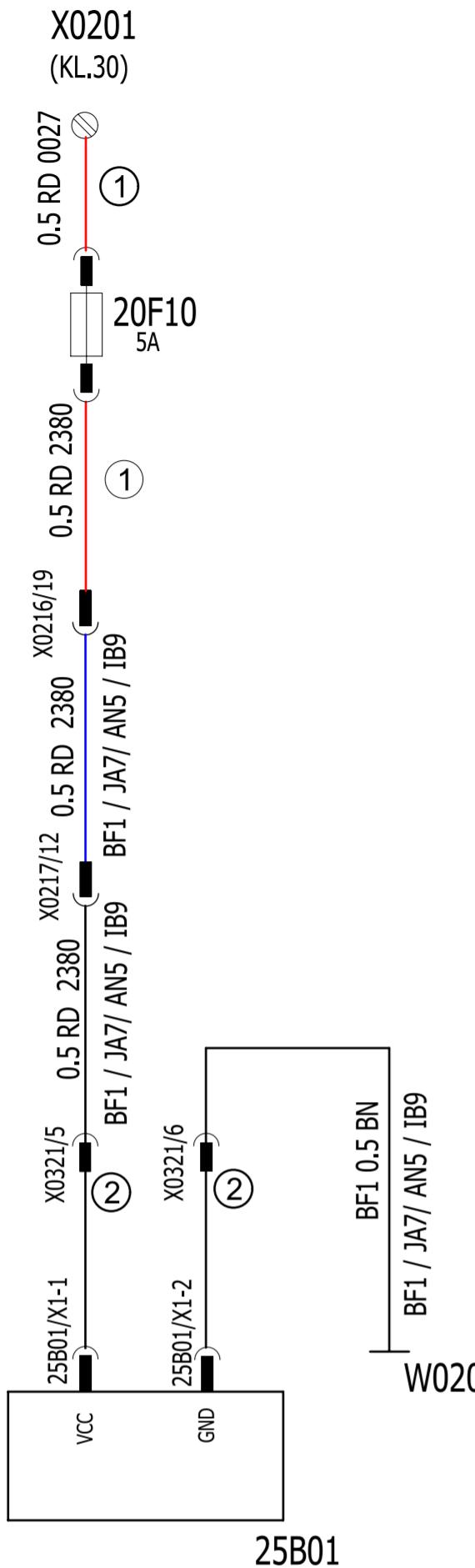
Ab/As of 2019-11-01
Neuer Firmenname
new company name
Daimler Truck AG



Item	Description
51H01	AC Lamp Status
04A20	Advanced signal acquisition and actuation module (ASAM) control unit
33S01	Switchable Signaling Horn Switch
60B01	Tachograph Sensor
60F01	KL.15 Instrument Node Supply
60P02	Tachograph
61A09	Instrument cluster ICUC
61A11	Button Unit multifunction steering wheel
61B01	Instrument Panel Loudspeaker
61F03	ICUC Panel KL.30 fuse
63W01	Steering wheel keypad clock spring contact
W0402	Ground main control panel
X0202	KL.30 Main Distributor Electric Compartment
X0204	KL15 Main Distributor Electric Compartment
61V02	ICUC Symbol Lens Lamp Diode
X2811	Spare connector for bodybuilder
Item	Description

Annotations and Summary

/F5/ Add new connections exclusive for articulated vehicles//			003	BAR2817N11		brclaro 23-06-19	araujtu 23-06-19	siehe/see KEM		
33/Change Area/2/D4/Change me/3/C4/Changed cavity/4/C2/Relocated mponent/5/B2/Add mponents/6/A1-E4/Add nnectors/7/C2/Delet			002	BAR2817N09		jonflor 21-11-16	araujtu 21-11-16	sieh Smaragd		
Aenderungsindex / Aenderungsbeschreibung state of revision / revision text			ZGS	Auftrags-Nr. order no.		Bearb./auth. Datum/date	Pruef./check Datum/date	Norm/stand Datum/date		
Werkstoff (Endzustand) / material (fi.co.)			Oberfl.sch./surf.prot. DBL			Datum/date		Name/name		
			Farbe/color			Bearb./auth.	-	-		
			Dekor/decoration		MBN 31030	Pruef./check	-	-		
			Oberfl.lang./surf.texture		MBN 31007	Norm/stand.	-	-		
			Oberflaeche/surface (m ²)		Freig./rel.		See	Smaragd		
nmdaten/ terdata aragd	D-Pflicht/required	MBN 10317	VeDoc-Relevanz/relevance		MBN 10385	ESD-Kennzeichen/code				
	Art/ type	Anzahl Merkmale/ number of features			A0598030					
	DS	0	0	0	N					
	DZ	0	0			federf.Abt./resp.dep.				
Toleranzen/gen. tolerances					gesetzl.Merkmal/st.ftr.		ZGS	Auftr.-Nr./order no.		
erenz-Nr./reference no.		Masse/mass (kg)	Benennung/title							
sstab/scale		System/system	STROMLAUFLAN							
rierung/tolerancing		NX 1953	ELECTROTECHNICAL CIRCUIT DIAGRAM							
			ICUC							
		© Daimler Truck AG		Format/sz.	Blatt/sh.	Sach-Nr./basic number				
Mercedes-Benz		Schutzvermerk DIN ISO 16016 beachten! Refer to protection notice DIN ISO 16016!		A1		A 384 546 95 00				



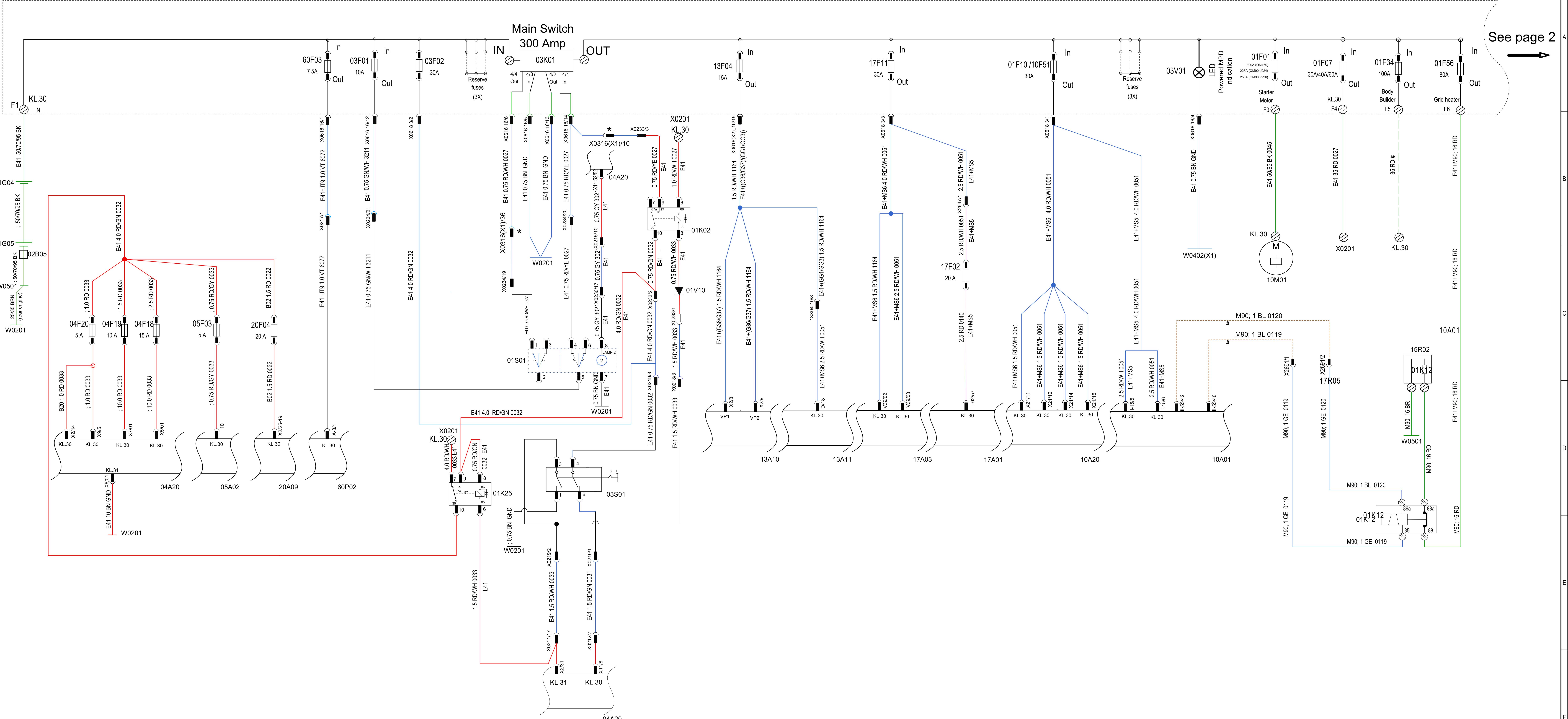
CODE
BF1 - PROGRAMA ELETRONICO DE ESTABILIDADE ESP

20F10	Fuse KL.30 Steering Wheel Angle Sensor
25B01	Electronic Stability Program (ESP) steering angle sensor (SAS)
W0201	Ground main control panel
X0201	Distributor main control panel KL30
Item	Description

Ab/As of 2019-11-01
Neuer Firmenname
new company name
Daimler Truck AG

New responsible//		003	BAR2817N11	brclaro	artisan	siehe Smaragd
1/A14/Add Area & Color/2/B1/Add Connector//		002	BAR2817N09	jonflor	rerober	siehe Smaragd
Aenderungsindex / Aenderungsbeschreibung state of revision / revision text		ZGS	Auftrags-Nr. order no.	Bearb./auth. Datum/date	Pruef./check Datum/date	Norm/stand Datum/date
Werkstoff (Endzustand) / material (fi.co.)	Oberfl.sch./surf.prot. DBL			Datum/date	Name/name	
Farbe/color		Bearb./auth.	-	-		
Dekor/decoration	MBN 31030	Pruef./check	-	-		
Oberfl.ang./surf.texture	MBN 31007	Norm/stand.	-	-		
Oberflaeche/surface (m ²)		Freig./rel.	see	Smaragd		
Stammdaten/ masterdata	D-Pflicht/required MBN 10317	VeDoc-Relevanz/relevance MBN 10385	ESD-Kennzeichen/code A0598030			
Manuell	Art/ type	Anzahl Merkmale/ number of features	Anzahl/number of VPD-Ident-Nr./no.	N		
	DS 0	0	0	federf.Abt./resp.dep.		
	DZ 0	0	0	-		
Allg. Toleranzen/gen. tolerances			gesetzl.Merkmal/st.ftr.	ZGS	Auftr.-Nr./order no.	
Referenz-Nr./reference no.	Masse/mass (kg)	Benennung/title				
Massstab/scale	System/system NX 1953	STROMLAUFPLAN				
Tolerierung/tolerancing	+/-	ELECTROTECHNICAL CIRCUIT DIAGRAM				
Mercedes-Benz	© Daimler AG Schutzvermerk DIN ISO 16016 beachten! / Refer to protection notice DIN ISO 16016!	Format/sz.	Blatt/sh.	Sach-Nr./basic number	A2	A 384 546 96 00
Keine Aenderung ohne Zustimmung der federführenden Konstruktion. / Any alterations are subject to the approval of the design department.						

MPD HT415 - 1 (KL.30)



G	01F01	Starter motor fuse terminal KL.30	05F03	CAN gateway KL30 fuse	W0501	Ground 1 engine compartment
	01F07	Terminal 30 main fuse central harness KL.30	10A01	Engine control MR control unit	X0201	KL.30 Main Distributor Electric Compartment
	01F10	MR engine control main fuse	10A20	Engine management MCM control unit	X0211	Main Switch Panel (Electrical Compartment) connector
	01F34	Fuse kl.30 Bodybuilder	10F51	MCM Engine control KL.30 fuse	X0212	Main Switch Panel (Electrical Compartment) connector
	01G04	Battery 1	10M01	Starter motor	X0217	Main Switch Panel (Electrical Compartment) connector
	01G05	Battery 2	13A10	Transmission Control module ZF (TCMZ)	X0218	Main Switch Panel (Electrical Compartment) connector
	01K02	Starter battery relay	13A11	Transmission Control module VOITH (TCMV)	X0219	Main Switch Panel (Electrical Compartment) connector
	01K12	Battery disconnect switch relay	13F04	Automatic transmission control unit KL.30 fuse	X0233	Main Switch Panel (Electrical Compartment) connector
	01K25	Battery Isolating relay	15R02	Intake air preheating heating resistor	X0234	Main Switch Panel (Electrical Compartment) connector
	01S01	Main manual battery switch	17A01	Frame module selective catalytic reduction (SCR) control module	X0616	MPD Connector 1 - 16 vias
	01V10	Diode main switch	17A03	ACM aftertreatment control module	X0618	MPD Connector 2 - 03-vias
	02B05	Intelligent Battery Sensor-IBS	17F02	SCR exhaust gas aftertreatment supply line fuse KL.30		
H	03F01	Main isolator switch fuse	17F11	Fuse ACM KL.30		
	03F02	Emergency shutoff KL30	20A09	Global anti-lock braking system module		
	03K01	Main isolator switch relay KL.30	20F04	EBS KL 30 fuse / ABS KL 30 fuse		
	03S01	Main isolator switch - Emergency system	60F03	Tachograph/Instrument node fuse		
	03V01	Safety master switch LED - MPD power indication	60P02	Tachograph control unit		
	04A20	ASAM Control Unit	90F09	Reserve Fuse MPD		
	04F18	ASAM KL.30 fuse	HT415-1	MPD Main Power Distributor - KL.30		
	04F19	ASAM KL.30 fuse	W0101	Ground 1 driver position		
	04F20	ASAM KL.30 fuse	W0201	Ground 1 main control panel		
	05A02	Central gateway CGW	W0402	Ground 2 rear		

Applicable only for Article

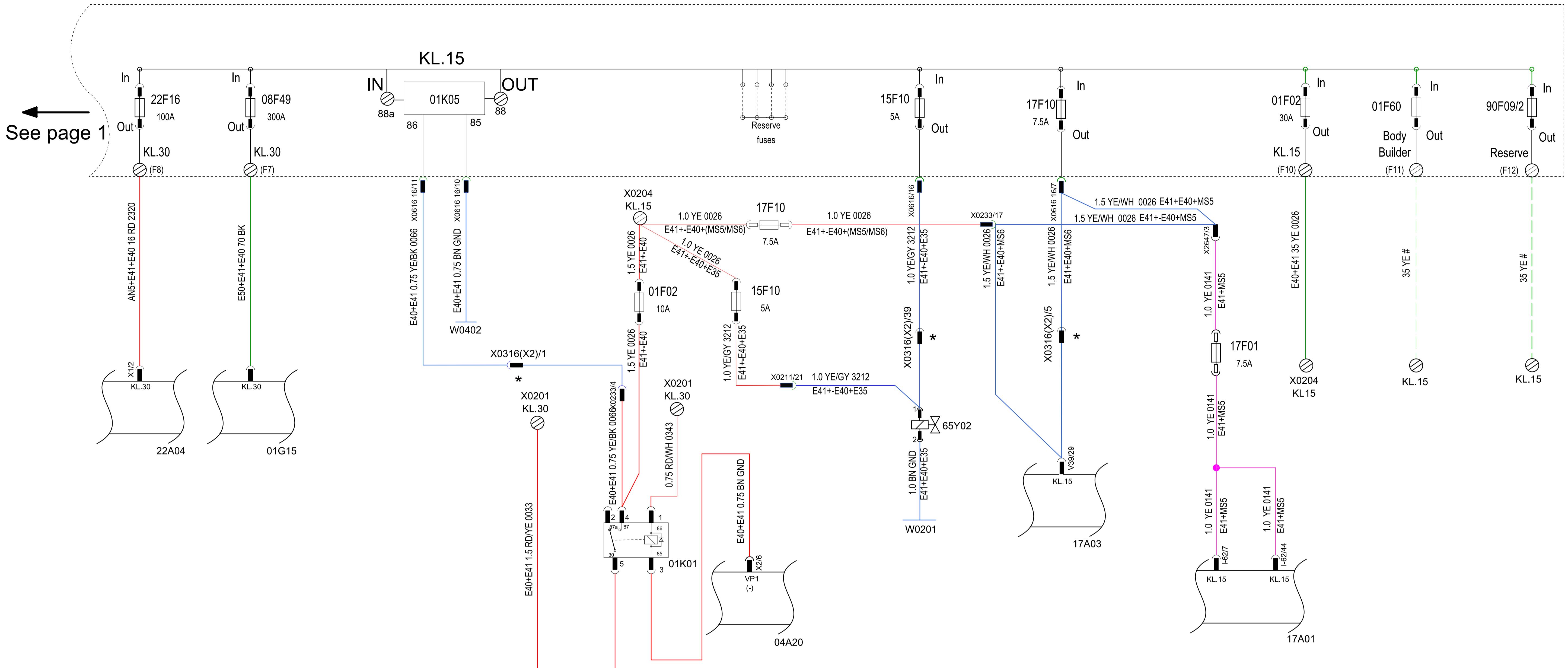
E:

EMERGENCY MAIN SWITCH, ELECTRICITY AND FUEL
ANTILOCK BRAKING SYSTEM ABS
SAFETY MAIN SWITCH
SAFETY MAIN SWITCH, ACTIVATION ON DASHBOARD

- AUTOMATIC GEARBOX VOITH DIWA 6 D854.6
- AUTOMATIC GEARBOX VOITH DIWA 6 D884.6
- AUTOMATIC GEARBOX ZF ECOLIFE AP 1420B
- AUTOMATIC GEARBOX ZF ECOLIFE AP 2020B

TACHOGRAPH DIGITAL

MPD HT415 - 2 (KL.15)



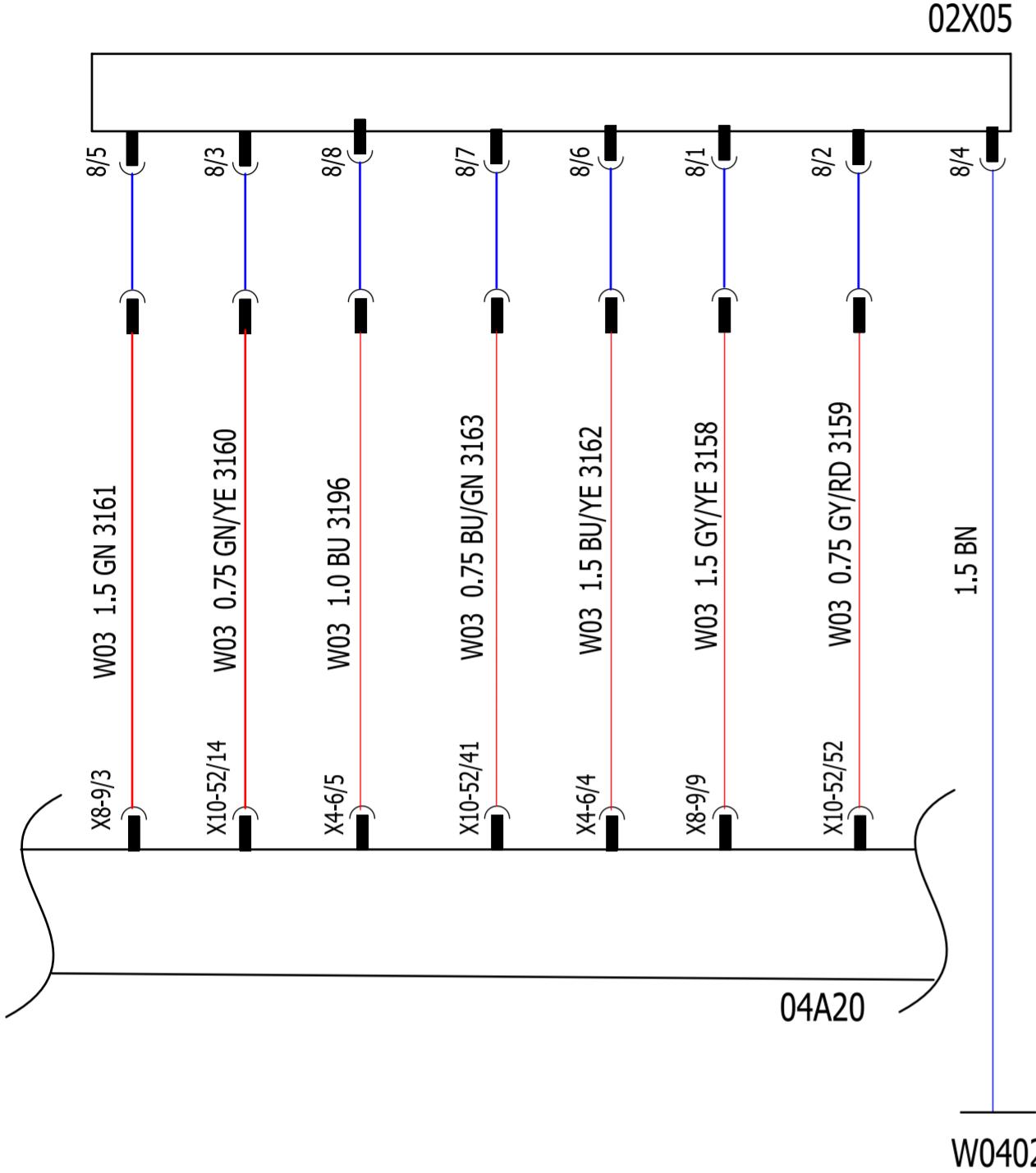
01F02	Main fuse terminal KL.15 Central Harness
01F60	Fuse KL.15 Bodybuilder - KL.15
01G15	RKM Recuperation Module
01K01	Additional KL.15 relay
01K05	Battery isolation switch - KL.15
04A20	ASAM Control Unit
08F49	RKM KL.30 fuse
15F10	fuel cut/off valve fuse
17A01	Frame module selective catalytic reduction (SCR) control unit
17A03	ACM Aftertreatment control module
17F01	SCR exhaust gas aftertreatment supply line fuse, KL.15
17F10	ACM Aftertreatment control module KL.15 fuse
65Y02	Fuel solenoid valve
90F09/2	Reserve Fuse MPD - KL.15
HT415-2	Main Power Distribution MPD - KL.15
W0201	Ground main control panel
W0402	Ground rear
X0201	KL.30 main distributor
X0204	Distributord Main control panel KL.15
Item	Description

* Applicable only for Artic

CODE:
 E35 - EMERGENCY MAIN SWITCH, ELECTRICITY AND FUEL
 E40 - SAFETY MAIN SWITCH
 E41 - SAFETY MAIN SWITCH, ACTIVATION ON DASHBOARD
 E50 - RECUPERATION MODULE RKM
 MS6 - EURO VI
 # - BODY BUILDER RESPONSIBILITY

Änderungsindex / Änderungsbeschreibung state of revision / revision text		ZGS	Auftrags-Nr. order no.	Bearb./auth. Datum/date	Prel./check Datum/date	Norm/stand Datum/date
Werkstoff (Endzustand) / material (fi.co.)	Oberfl.sch./surf.prot. DBL				Datum/date	Name/name
Farbe/color					Bearb./auth.	2023-06-14
Dekor/decoration	MBN 31030	Pruef./check	2023-06-14	remotta		
Oberfl.lang./surf.texture	MBN 31007	Norm/stand	-	-		
Oberfläche/surface (m²)		Freig./rel.	2023-06-14	fersilv		
Stammdaten/ masterdata	D-Pflicht/required MBN 10317	VeDoc-Relevanz/relevance	MBN 10385	ESD-Kennzeichen/code		
Smarragd	Art/ number of features	Anzahl/number of VPD-Ident-Nr./no.	A0598030			
DS				federl.Abt./resp.dep.		
DZ				BUS/PCB		
Allg. Toleranzen/gen. tolerances		gesetzl.Merkmal/st.ftr.	ZGS	Auftr.-Nr./order no.		
Referenz-Nr./reference no.	Masse/mass (kg)	Benennung/title				
Massstab/scale	System/system	STROMLAUFPLAN				
Tolerierung/tolerancing	NX 1953	ELECTROTECHNICAL CIRCUIT DIAGRAM				
Letzter Änd.-Index last state of revision	Mercedes-Benz	MPD				
	© Daimler Truck AG	Schutzvermerk DIN ISO 16016 beachten / Refer to protection notice DIN ISO 16016				
	A1	Format/sz. Blatt/sch.	2	Sach-Nr./basic number		
				A 384 546 97 00		

Keine Änderung ohne Zustimmung der federführenden Konstruktion. / Any alterations are subject to the approval of the design department.



02X05/1	Trailer Turn Signal, Left
02X05/2	Trailer Turn Signal, Right
02X05/3	Trailer Rear Fog Light, Right & Left
02X05/4	Trailer GND
02X05/5	Trailer Tail Light Left & Marker Lights Left Side
02X05/6	Trailer Tail Light Right & Marker Lights Right Side
02X05/7	Trailer Stop Light, Right & Left
02X05/8	Trailer Reversing Light, Right & Left

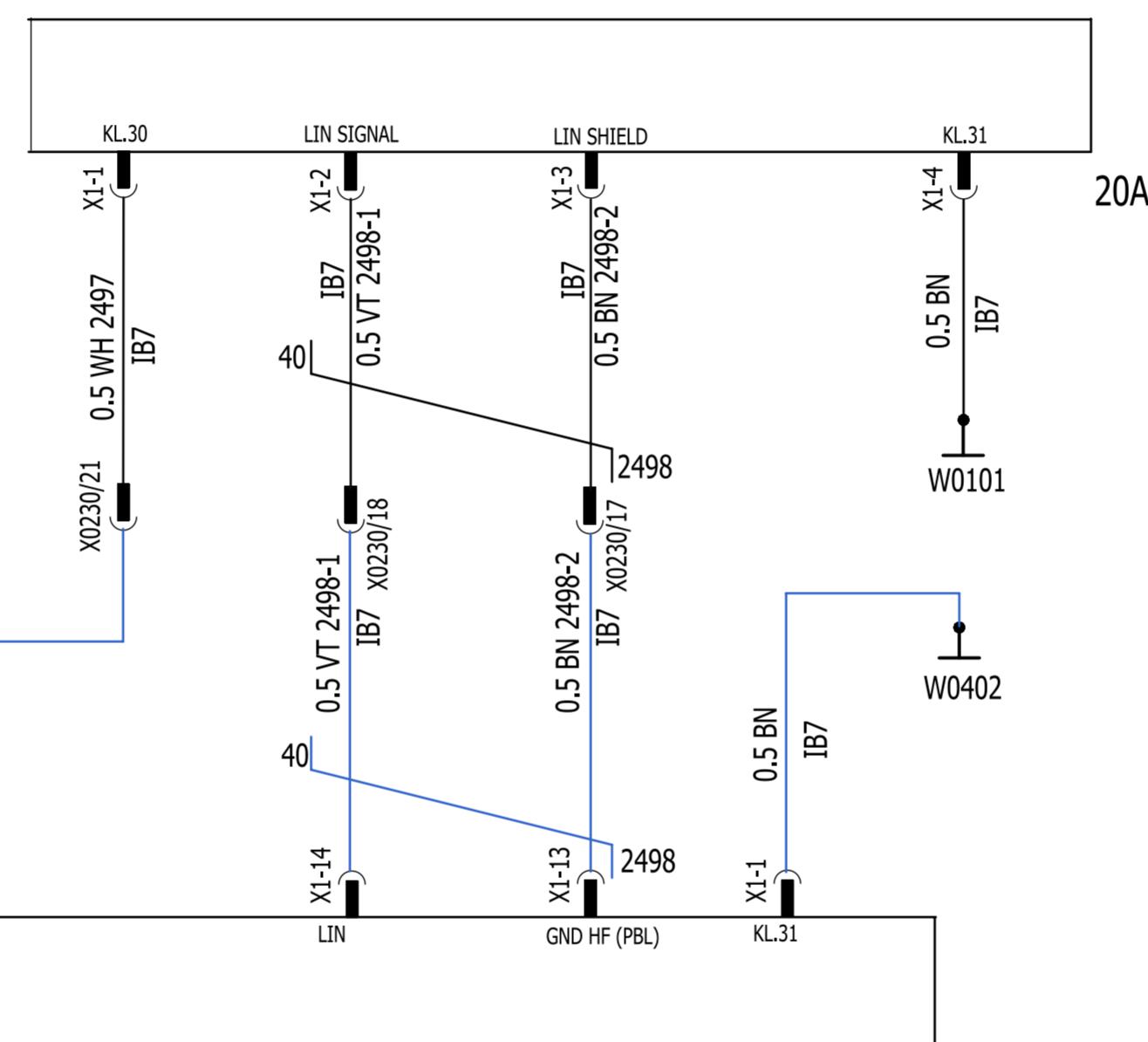
CODE
W03 - TRAILER CONNECTOR

04A20	Advanced Sensor Actor Modul ASAM
W0402	Ground 2 rear
02X05	Trailer Connector
Item	Description

Änderungsindex / Änderungsbeschreibung state of revision / revision text		ZGS	Auftrags-Nr. order no.	Bearb./auth. Datum/date	Pruef./check Datum/date	Norm/stand Datum/date
Werkstoff (Endzustand) / material (fi.co.)	Oberfl.sch./surf.prot. DBL				Datum/date	Name/name
Farbe/color				Bearb./auth.	2021-10-22	IBALDER
Dekor/decoration	MBN 31030	Pruef./check	2021-10-22	FCOLUCC		
Oberfl.ang./surf.texture	MBN 31007	Norm/stand.	-	-		
Oberfläche/surface (m ²)		Freig./rel.	2021-10-22	FCOLUCC		
Stammdaten/ masterdata	D-Pflicht/required MBN 10317	VeDoc-Relevanz/relevance MBN 10385	ESD-Kennzeichen/code A0598030			
Manuell	Art/ type	Anzahl Merkmale/ number of features	Anzahl/number of VPD-Ident-Nr./no.	N	federf.Abt./resp.dep.	
	DS 0	0	0		BUS/PCB	
	DZ 0	0	0			
Allg. Toleranzen/gen. tolerances			gesetzl.Merkmal/st.ftr.	ZGS 001	Auftr.-Nr./order no. BFR 28/17 N09	
Referenz-Nr./reference no.	Masse/mass (kg)	Benennung/title STROMLAUFPLAN				
Massstab/scale	System/system NX 12.0	ELECTROTECHNICAL CIRCUIT DIAGRAM				
Tolerierung/tolerancing	+/-	TRAILER ILUMINATION				
Letzter Aend-Index last state of revision	Mercedes-Benz	© Daimler AG Schutzvermerk DIN ISO 16016 beachten! Refer to protection notice DIN ISO 16016!	Format/sz. A2	Blatt/sh.	Sach-Nr./basic number A 384 546 98 00	
Keine Änderung ohne Zustimmung der federführenden Konstruktion. / Any alterations are subject to the approval of the design department.						

(KL.30)
X020224F03
10A
24F06
10A

①

1.5 RD 2397
IB7
X0231/21
1.5 RD 2515
IB7
X0231/20

②

0.5 WH 2497
IB7CODE
IB7 - SERIES IBC

③

20A08	Parking brake lever control unit (PBL)
24A03	Control Unit EAPU with electronic parking brake control ePCB
24F03	KL. 30 Electronic Air-Processing Unit (EAPU) fuse
24F06	KL. 30_2 Electronic Air-Processing Unit (EAPU) fuse
W0101	Driver cockpit (FAP) ground point 1
W0402	Ground 2 rear
Item	Description

1/A2/Deleted fuse 20F10/2/C1/Reconnect circuit/3/D1/Updated table//.	002	BAR2817N11	brclaro	qujesus	siehe Smaragd
Aenderungsindex / Aenderungsbeschreibung state of revision / revision text	ZGS	Auftrags-Nr. order no.	Bearb./auth. Datum/date	Pruef./check Datum/date	Norm/stand Datum/date
Werkstoff (Endzustand) / material (fi.co.)	Oberfl.sch./surf.prot. DBL		Datum/date	Name/name	
Farbe/color		Bearb./auth.	-	-	
Dekor/decoration	MBN 31030	Pruef./check	-	-	
Oberfl.ang./surf.texture	MBN 31007	Norm/stand.	-	-	
Oberflaeche/surface (m ²)		Freig./rel.	see	Smaragd	
Stammdaten/ masterdata	D-Pflicht/required MBN 10317	VeDoc-Relevanz/relevance MBN 10385	ESD-Kennzeichen/code A0598030	N	
Smaragd	Art/ type	Anzahl Merkmale/ number of VPD-Ident-Nr./no.		federf.Abt./resp.dep.	
	DS 0	0	0		
	DZ 0	0	0		
Allg. Toleranzen/gen. tolerances		gesetzl.Merkmal/st.ftr.	ZGS	Auftr.-Nr./order no.	
Referenz-Nr./reference no.	Masse/mass (kg)	Benennung/title			
Massstab/scale		STROMLAUFPLAN			
		System/system NX 1953			
3	Tolerierung/tolerancing	ELECTROTECHNICAL CIRCUIT DIAGRAM			
Letzter Aend-Index last state of revision	Smaragd	EAPU			
© Daimler Truck AG	Schutzvermerk DIN ISO 16016 beachten! / Refer to protection notice DIN ISO 16016!	Format/sz.	Blatt/sh.	Sach-Nr./basic number	
		A2		A 384 546 99 00	
Keine Aenderung ohne Zustimmung der federführenden Konstruktion. / Any alternations are subject to the approval of the design department.					