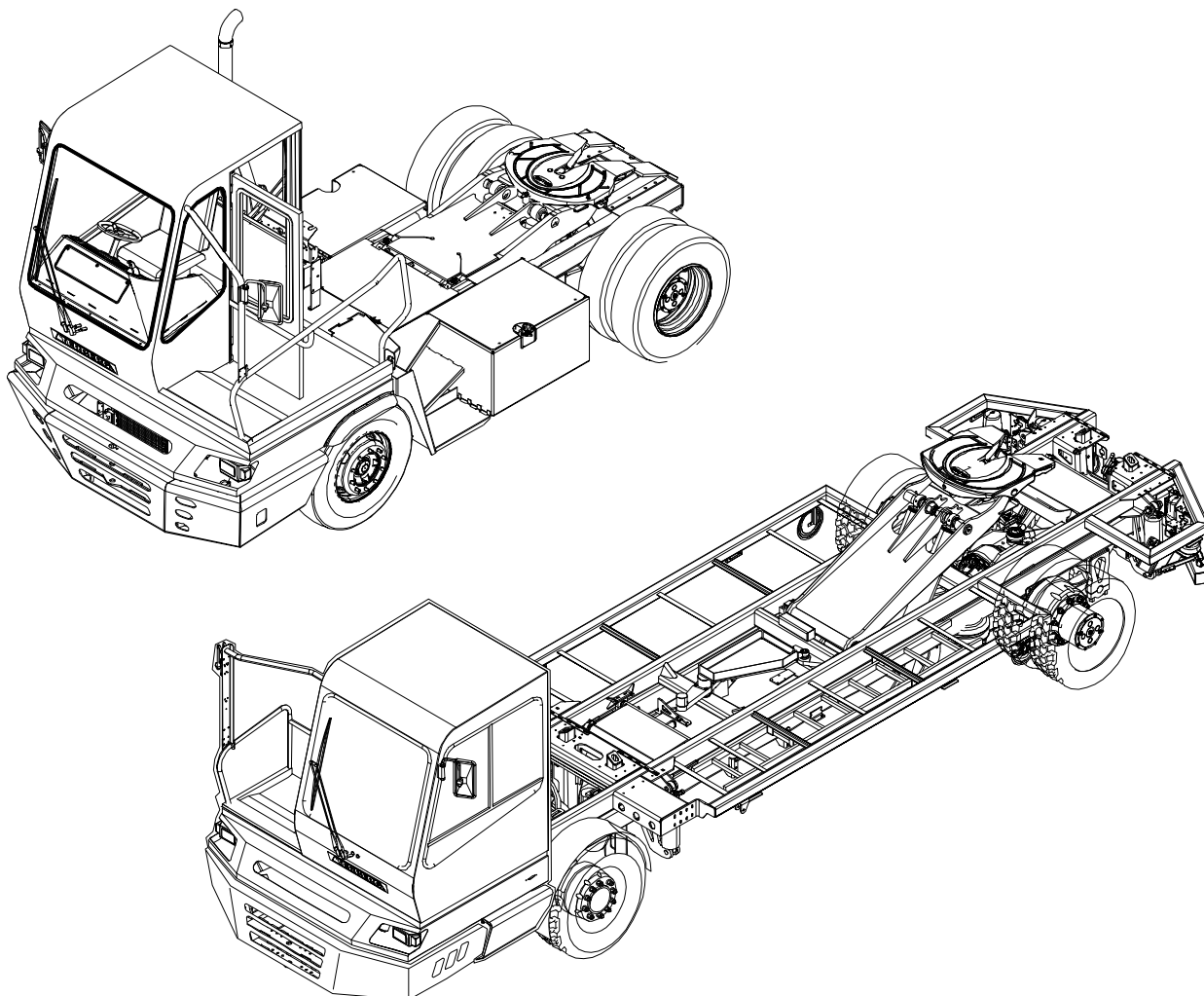


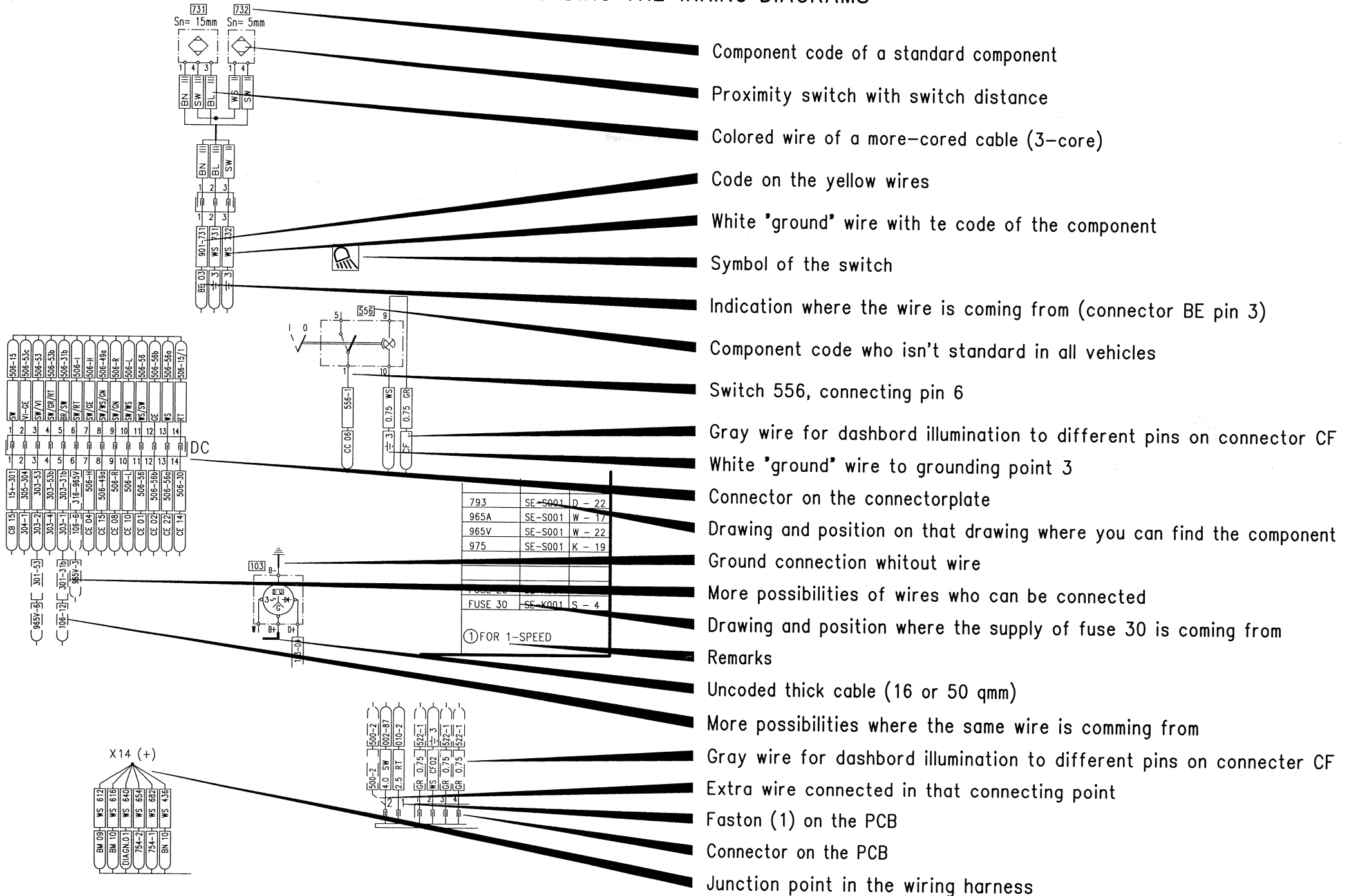


ELECTRICAL WIRING DIAGRAMS

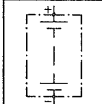
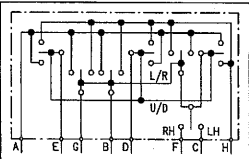
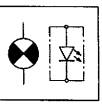
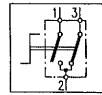
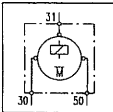
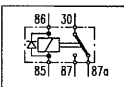
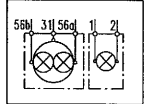
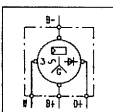
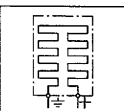
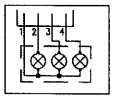
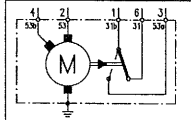
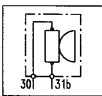
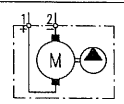
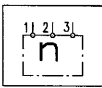
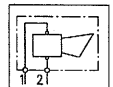
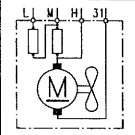
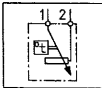
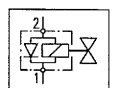
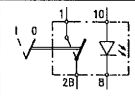
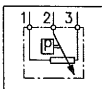
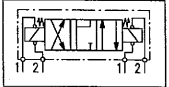
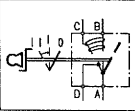
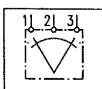
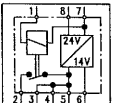
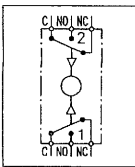
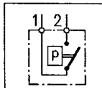
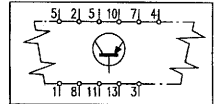
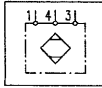
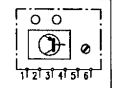
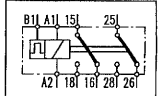
YT182 - 222 / Yard Tractor

BC 182 / Body-Carrier

GUIDE BY READING THE WIRING DIAGRAMS



Symbolen/Symbols

	Batterij Battery Batterie Batterie		Schakelaar spiegelverstelling Switch rear view mirror adjustment Schalter Rückspiegelverstellung Interrupteur de régler de rétroviseur		Controlelamp/LED Warning light/LED Überwachungs Lampe/LED Lampe témoin/LED
	Hoofdstroomschakelaar Main switch Hauptstromschalter Coupe circuit		Mech. bediende schakelaar Mech. controlled switch Mech. betätigter Schalter Interrupteur à actionnement mécanique		Gloeilamp Light bulb Glühlampe Ampoule électrique
	Startmotor Electric starter Anlasser Démarrreur		Relais Relay Relais Relais		Koplampunit Headlamp unit Scheinwerferkombination Unité de lampe de projecteur
	Dynamo Alternator Lichtmaschine Alternateur		Voorgloeioverstand Préheating resistance Vorglühwiderstand Elément de préchauffage		(LED) Achterlichtunit (LED) Tail light unit (LED) Schlussleuchte kombination (LED) unité de feux arrière
	Ruitenwissermotor Windscreen wiper motor Scheibenwissermotor Moteur d'essieu-glace		Zoemer Buzzer Summer Vibreur		Zwaailamp Rotating warning light Rundumleuchte Gyrophare
	Ruitesproeiermotor Windscreen washer motor Scheibenwaschermotor Moteur lave-glace		Toerentalsensor Rotation sensor Drehzahlsensor Capteur vitesse de rotation		Claxon Horn Hupe Avertisseur
	Kachelaanjagermotor Defroster fan motor Elektro Gebläse motor Motoventilateur dégivreur		Temperatuursensor (G) Temperature sensor (G) Temperatursensor (G) Capteur température (G)		Magneetventiel Solenoid valve Magnetventil Electrovanne
	Tuimelschakelaar Overturn switch Kantelschalter Interrupteur basculement		Druksensor (G) Pressure sensor (G) Drucksensor (G) Capteur de pression (G)		Hydrauliekventiel Hydraulic valve Hydraulikventil Vanne hydraulique
	Kontaktslot Ignition switch Zündschalter Interrupteur de contact		Hoeksensor (G) Angle sensor (G) Winkelsensor (G) Capteur d'angle (G)		Omvormer Voltage converter Spannungswandler Abaisseur de tension
	Hefboomschakelaar (joy-stick) Liftboom switch (joy-stick) Hebelschalter (joy-stick) Interrupteur de levier (joy-stick)		Druksensor (WK) Pressure sensor (WK) Drucksensor (WK) Capteur de pression (WK)		Regeleenheid Control unit Steuergeräte Unité de commande
			Benaderingsschakelaar Proximity switch Induktiver Sensor Décteur inductif		Regeleenheid toerenbewaking Control unit r.p.m. check Steuergeräte drehzahlüberwachung Unité de commande contrôle vitesse de rotation
					Tijdvertragsrelais Time delay relay Verzögerungsrelais Relais temporisé

FUSES

Fuses on the P.C.B.

1	5 A.	Pre-heating intake air, relay parking brake
2	5 A.	Limiting lifting/lowering liftboom, fan (fresh air), sensor reverse MT
3	5 A.	Fifth wheel unlocking, indicator lights fifth wheel/liftboom
4	5 A.	Solenoid engine stop
5	5 A.	Supply (15+) indicator lights, master instrument
6	5 A.	Differential lock, gear shift blocking F/R
7	15 A.	Heater, air conditioning
8	10 A.	Supply relay D+/start inhibitor, 30+ master instrument
9	10 A.	Rotating warning light, working light(s), air suspension
10	10 A.	Windscreen wipers/washer, horn switch
11	5 A.	Parking light right (optional 10 A.)
12	5 A.	Parking light left, instrument illumination (optional 10 A.)
13	5 A.	Hazard warning lights
14	5 A.	Dipped beams right
15	5 A.	Direction indicators, horn relay, supply switch lighting
16	5 A.	Full beams left
17	5 A.	Full beams right
18	5 A.	Dipped beams left
19	10 A.	Reversing light(s)/buzzer
20	5 A.	Brake lights
21	5 A.	option
22	5 A.	option
23	5 A.	option
24	5 A.	option

Extra fusebox

25	10 A.	Supply (30+) connector 625 (extra equipment)
26	10 A.	Supply (15+) connector 625 (extra equipment)
41	10A	Supply (D+) connector 625 (extra equipment)
27 and higher		see wiring diagram

COLOURMARKINGS OF CABLES

RT	Red	WS	White	GR	Gray
SW	Black	BL	Bleu	GN	Green
TH	Turquoise	BN	Brown	OR	Orange
VI	Violet	GE	Yellow	RS	Pink

INDICATION OF CABLE

(II)	2-core cable	(VII)	7-core cable
(III)	3-core cable	(IX)	9-core cable
(IV)	4-core cable	(XII)	12-core cable
(V)	5-core cable		

STANDARDS

30+	Supply from battery
15+	Supply when ignition is switched on
58	Illumination
31	Ground (-) return to battery
31B	Switched ground (switch or relay)
50	Starter responding
H	Horn control
L	Left
R	Right
S	Switched output signal

Alternator

B+	Connecting cable to battery +
B-	Alternator ground
D+	Excitation rotor winding (signal alternator is charging)
W	Speed signal alternator (signal tachometer engine)

Sensor

W.K.	Sensor connection with switch contact (warning lamp)
G	Sensor connection with variable resistance (gauge)

Relay

86 (1)	Winding begin relay coil (supply)
85 (2)	Winding end relay coil (ground)
30 (3)	Input (switch relay)
87a (4)	Output (break contact) relay
87 (5)	Output (making contact) relay

Windscreen wiper

53	Supply wiper motor (+) position 1
53A	Supply wiper motor end adjustment
53B	Shunt winding wiper motor (position 2)
31B	Switched end adjustment ground wiper motor

Lighting

49+(X)	Supply flasher unit
49a(L)	Output flasher unit
C (P)	Warning light automatic check up
56	Supply dipped and full beam light
56a	Full beam light
56b	Dipped beam light
L	Direction indicator left
R	Direction indicator right
58	Parking, licence plate, instrument and tail light

LIST OF ELECTRICAL COMPONENT CODES

001	Main switch mechanical	203	Indicator light pré-heating	285A	Warning light oil level gear box	406	Direction indicator rear-right
001A	Main current relay (Power Guard)	205	Sensor air cleaner	285H	Warning light oil level hydraulic oil	407	Direction indicator side-right
002	Main relay (15+)	205A	Sensor oil filter	286	Indicator light liftboom forward	408	Relay hazard lights
002A	ECU mian current relay (Power Guard)	206	Sensor brake pressure circuit 1	287	Sensor cooling fluid level (WK)	409	Switch hazard lights
010	Main fuse 30+	207	Sensor brake pressure circuit 2	288	Warning light cooling fluid level	500	Switch lighting
010A	Current limiter tachograph (ADR)	208	Sensor parking brake (WK)	289A	Sensor driver on seat	501	Tail light left
011	Separating relay auxiliary batteries	210	Warning light charge indicator	290VH	Indicator light front bogie lift up	502	Tail light right
020	Fuse	211	Indicator light air cleaner	290VL	Indicator light front bogie lift down	503	Licence plate light
022	Master switch (elect.)	211A	Indicator light fuel filter	290AH	Indicator light lamp rear bogie lift up	504	Parking light left
024	Emergency start contact (NATO)	214	Warning light parking brake	290AL	Indicator light lamp rear bogie lift down	505	Parking light right
026+	Junction block (positive)	214A	Indicator light brake pressure trailer	293	Warning light retarder	506	Steering column comb. switch
026 -	Junction block (negative)	214B	Warning light no brake pressure trailer	294	Warning light autom. gearbox (overspeeding)	512L	Head lamp left
100	Battery 1	218	Sensor engine temperature	294A	Warning light gear box (do not shift)	512R	Head lamp right
100A	Auxiliary battery 1	219	Float sensor	294B	Warning light transmission blocked	513	Dipped beam light left
101	Battery 2	219A	Sensor fuel filter	294C	Indicator light transmission unblocked	514	Dipped beam light right
101A	Auxiliary battery 2	219L	Level sensor Urea tank	296	Warning light fifth wheel unlocked	515	Full beam light left
102	Starter motor	219T	Temperature sensor Urea tank	297	Sensor engine oil level	516	Full beam light right
103	Alternator 1	220	Indicator light direction indicators	298	Warning light engine oil level	518	Brake light left
103A	Alternator 2	221	Indicator light hazard lights	299	Indicator light direction indicator trailer	519	Brake light right
104	Starting relay	223	Indicator light full beams	300	Switch fan/defroster 1	520	Reversing light
104A	Neutral relay	224	Tachometer	300A	Switch fan/defroster 2	521	Sensor (switch) reversing light
104B	Neutral relay	224A	Filter engine speed signal	301	Switch windscreen wipers front	522	Instrument panel illumination
104C	Relay starting blocking	225	Speedometer, tachograph	302	Defroster fan motor 1	523	Switch rear fog light
104/1	Relay start/pre-heating	229	Buzzer	302A	Defroster fan motor 2	524	Rear fog light
104/2	Relay start/pre-heating	235	Sensor oil temperature autom. gearbox (G)	303	Windscreen wiper motor front	532	Switch rotating warning light
104/3	Relay start/pre-heating	235A	Sensor oil temperature hydraulic oil	304	Windscreen washer motor	532A	Switch rotating warning light rear
104/4	Relay start/pre-heating	236A	Warning light oil temperature hydraulic oil	305	Switch windscreen washer motor	532V	Switch flashing light in front of the cab
105	Pre-heating relay on engine	237A	Indicator light oil pressure hydraulic oil	306	Switch air-conditioning	533	Rotating warning light
106	Time delay relay pre-heating (combi-relay)	238	Sensor oil pressure autom. gearbox (G)	306A	Control unit air-conditioning	533A	Rotating warning light rear
107	Relay alternator D+ controlled, start blocking 30+	240B	Sensor oil pressure hydraulic oil (WK)	307	Compressor air-conditioning	533V	Flashing light in front of the cab
107A	Relay main relay alternator D+ controlled	240C	Sensor oil pressure hydraulic oil (WK)	308	Switch driver seat heating	534	Switch loading light
107B	Relay supply 15+ alternator D+ controlled	242	Hour counter	309	Driver seat heating	535	Loading light
107C	Relay alternator D+	243	Sensor oil pressure engine	310	Switch rear view mirror heating	536	Switch spotlight
109	Ignition/pre-heating switch	245	Sensor speedometer/tachograph	311	Rear view mirror heating	537	Spot lights
110	Pré-heating element	245A	Converter speed signal	312	Switch electrical rear view mirror adjusting	538	Switch fog lights front
113	Switch engine-stop	245B	Converter speed signal	313	Rear view mirror adjusting (electrical)	539	Fog lights front
114	Solenoid(valve) engine stop	246	Gauge alternator charging (Amp.)	314	Switch electrical controlled side window	541	Junction box tail lighting
115	Sensor transmission neutral	247	Sensor brake lights	315	Motor electrical controlled side window	542	Switch flash light
120	Diode	247A	Sensor brake pressure trailer	316A	Switch windscreen wiper interval rear	543	Cable plug (7 pole) trailer
121	Time delay relay, engine stop/ignition off	247B	Sensor brake pressure service brakes	317	Solenoid valve heating	543L	Cable plug trailer charging current
122	Relay engine stop	248	NOx Sensor (SCR)	318	Switch windscreen wiper rear	543P	Cable plug trailer (special connections)
122A	Relay sensor fuel pump lever (throttle switch)	251	Master (combination gauge) instrument	319	Windscreen wiper motor rear	543S	Cable plug trailer (special connections)
122B	Relay automatic engine shut off	252	Sensor safety belt	322	Pressure sensor air conditioning	555	Switch working light (cab)
123	Warning light engine	255	Sensor brake lining	323	Switch air-conditioning control (thermostat)	556	Switch working light rear
123A	Warning light engine	256	Warning light brake lining	324	Warning light air conditioning	556A	Switch working light chassis
123B	Warning light engine	257	Indicator light traverse diff. lock	325	Fan (fresh air)	557	Working light (cab)
124	Starter switch	258	Indicator light longitudinal diff. lock	326	Switch electrical cab tilting	558	Working light rear
126	Control unit engine	263I	Temperature sensor exhaust in	327	Pump electrical cab tilting	558L	Working light left rear
127	Gas check valve	263U	Temperature sensor exhaust out	328	Sensor outer temperature	558R	Working light right rear
128	Relay gas check valve	264	Indicator light front wheel drive	329	Sensor temperature heater	558AL	Working light chassis left
129	Dosing unit SCR	266	Warning light fifth wheel height	330	Switch rear window heating	558AR	Working light chassis right
130	Solenoid valve dosing unit SCR	266A	Warning light container frame	331	Element rear window heating	572	Side marking light left
131	Heating element SCR	267	Indicator light fifth wheel locked	331V	Element front shield heating	573	Side marking light right
133	Sensor intake air SCR	267A	Indicator light twist-locks locked	400	Flasher unit	574	Switch siren
134	Sensor ambient temperature SCR	267B	Indicator light pin/tunnel locking	401	Switch direction indicators	575	Siren (reversing buzzer)
135	Shift valve SCR	268	Indicator light liftboom lowered	402	Direction indicator left-front	576	Control unit DRL
136	Blocking valve SCR	276	Indicator light rear window heating	403	Direction indicator left-rear	600	Interior light
137	ECU scr	284A	Sensor oil level gear box	404	Direction indicator side-left	601	Sensor cab door
200A	Diagnostic switch	284H	Sensor oil level hydraulic oil	405	Direction indicator front-right	604	Switch horn

605	Horn	739	Solenoid valve air controlled hydraulic valve	819	Relay electrical emergency steering pump	952	Relay air suspension (unloading)
606	Air-dryer	740-F	Autom. gearbox solenoid valve F (forward)	819A	Motor electrical emergency steering pump	954	Relay speed signal
607	Radio set	740-R	Autom. gearbox solenoid valve R (backward)	848	Override switch	955	Relay electrical switched parking brake
608	Loudspeaker	740-1	Autom. gearbox solenoid valve 1	849L	Warning light steering angle left	955A	Relay electrical switched service brake
609	Aerial	740-2	Autom. gearbox solenoid valve 2	849R	Warning light steering angle right	955B	Relay sensor parking brake
610	Electronic clock	740-3	Autom. gearbox solenoid valve 3	865A	Connector for controlling extra hydraulics	956	Relay r.p.m. (disengaged)
611	Switch parking heater	741	Control motor speed limiter	871	Sensor steering angle	957	Relay higher engine speed (fuel pump)
612	Digital timer parking heater	742	Control unit speed limiter	871L	Sensor steering angle left	958	Relay anti throttle switching
613	Electronic control unit parking heater	743	Switch speed limiter	871R	Sensor steering angle right	958A	Relay speed limiting
614	Water heater parking heater	745	Switch for activating air cylinder	872	Blocking valve steering	958B	Relay speed limiting
615	Sensor parking heater	745A	Solenoid valve for activating air cylinder	872L	Solenoid valve steering angle left	959	Relay lock-up converter
616	Water circulating pump parking heater	746	Sensor engine (converter) speed	872R	Solenoid valve steering angle right	960	Relay retarder control unit
617	Switch fuel heater	747	Sensor turbine speed gearbox	875	Control box rail vehicle	960A	Relay retarder
618	Warning light fuel heater	747A	Sensor, output speed gearbox	876	Switch rail mode	960B	Relay (positions) retarder
620	Sensor fuel heater	747B	Sensor internal speed gearbox	877	Switch remote control rail vehicle	961	Relay fog lights
621	Heating plug fuel heater	748	Sensor fuel pump lever (idle switch)	878	Indicator light rail mode	963	Relay fuel heater
622	Voltage converter (radio and comm. system)	748A	Throttle pedal	879	Indicator light remote control rail vehicle	963A	Relay Urea heating
623	Converter voltage 24V-12V cable plug trailer	750	Gear shift selector gearbox	900	Relay horn	964	Relay parking heater
625	Connector extra equipment	753	Automatic gearbox	901	Relay fifth wheel lock	965A	Relay windscreen wiper interval rear
626	Warning light door open	754	Control unit (autom.) gearbox	901A	Relay fifth wheel lock (safety)	965V	Relay windscreen wiper interval front
627	Element engine heating (220 Volt)	755	Solenoid valve reducing brake pressure	901B	Relay fifth wheel lock	968	Relay direction indicator left
628	Cab heating (220 Volt)	756	Sensor liftboom lowered	901C	Relay fifth wheel lock indication	969	Relay direction indicator right
629	Switch interior lighting	757V	Switch bogie-lift front	902	Relay hydraulic free flow valve	970	Relay maintenance function
701	Solenoid valve PTO	757A	Switch bogie-lift rear	903	Relay liftboom lifting	970A	Relay maintenance function
701A	Sensor PTO	758	Valve front axle blocking	904	Relay liftboom lowering	971	Time delay relay
702	Switch PTO	759F	Pressure sensor front axle suspension	905	Relay liftboom forward	975	Relay air conditioning
703	Switch traverse diff. lock (rear axle)	759L	Sensor front axle locked left	906	Relay liftboom reverse	975/1	Relay heater fan speed 1 (ECC)
704	Switch longitudinal diff. lock (rear axles)	759R	Sensor front axle locked right	907	Relay liftboom forward-reverse or other hydr. functions	975/2	Relay heater fan speed 2 (ECC)
705	Solenoid valve traverse diff.lock (rear axle)	759H	Sensor bogie-lift up	910	Relay sensor fifth wheel height	975/3	Relay heater fan speed 3 (ECC)
706	Solenoid valve longitudinal diff.lock (rear axles)	759L	Sensor bogie-lift down	911	Relay cooling fluid level	975/4	Relay parking heater (ECC)
707	Sensor traverse diff. lock (rear axle)	769	Switch engine brake	912	Relay oil level	975-1	Relay gearshift lever
708	Sensor longitudinal diff. lock (rear axles)	770	Solenoid valve engine brake	918	Relay automatic gearbox 1	975-2	Relay gearshift lever
713	Switch front wheel drive	774	Switch air suspension	919	Relay automatic gearbox 2	975-3	Relay gearshift lever
715	Solenoid valve front wheel drive	775	Solenoid valve air suspension	920	Relay automatic gearbox 3	975-4	Relay gearshift lever
718	Solenoid gear shift blocking	775F	Solenoid valve air suspension front	921	Relay automatic gearbox F	975-5	Relay gearshift lever
719	Sensor front wheel drive	776	Solenoid valve higher engine speed (fuel pump)	922	Relay automatic gearbox R	976	Relay rear window heating
720	Switch electrical parking brake	776A	Solenoid valve extra fuel (cold start)	925	Relay F/R shift protection gearbox (F)	976V	Relay front shield heating
721	Solenoid valve parking brake	776B	Switch higher engine speed	926	Relay F/R shift protection gearbox (R)	977	Relay vehicle movement/speed
722	Sensor fifth wheel height	779	Solenoid valve lock-up	927	Relay shift blocking (velocity)	978	Relay motor cab tilt pump
722A	Sensor frame height rear/5 th wheel height	786	Switch retarder	927A	Converter speed signal F/R shift protection	979	Relay cooler motor
722V	Sensor frame height front	786A	Position switch retarder	927B	Relay shift blocking	980	Relay rotating warning light (beacon)
723	Sensor liftboom forward	787	Sensor retarder	927C	Relay shift blocking		
724	Sensor liftboom backward	788	Sensor kick-down	930	Relay parking light		
725	Hydraulic valve lifting liftboom/trailer	789	Solenoid valve anti throttle switching	932A	Relay dipped beams		
725A	Solenoid valve blocking liftboom lifting	790	Switch hydraulic valve 3	933A	Relay full beams		
725B	Sensor lifting liftboom	790A	Switch hydraulic valve 3	936	Relay "ground"		
726	Hydraulic valve lowering liftboom/trailer	790B	Switch hydraulic valve 3	938	Relay reversing light(s)		
726A	Hydraulic valve blocking liftboom lowering	791	Hydraulic valve 3	938A	Relay reversing light(s)		
727	Proportional hydraulic valve (solenoid a)	791a/b	Solenoid valve for activation hydraulic valve 3	938B	Relay reversing light(s)		
728	Proportional hydraulic valve (solenoid b)	791A	Hydraulic valve correction system frame height	938C	Relay reversing light(s)		
729	Switch hydraulic valve liftboom/trailer	793	Switch hydraulic valve 4	943	Relay forward		
729A	Control unit proportional hydraulic valve	794	Hydraulic valve 4	945	Relay protection sensors		
729B	Control unit correction system frame height	794a/b	Solenoid valve for activation hydraulic valve 4	947	Relay transmission Neutral (supply)		
730	Control lever proportional hydraulic valve	795	Blocking valve extra hydraulics	947A	Relay transmission Neutral (ground)		
731	Sensor King-pin fifth wheel locking	795A	Switch blocking valve extra hydraulics	948	Relay brake lights		
732	Sensor fifth wheel lock (cylinder)	795B	Solenoid valve for activation hydraulic valve 5	950	Relay alternator D+		
732A	Sensor twist-locks locked	795C	Solenoid valve automatic lifting trailer	951	Relay sensor cab door		
732B	Sensor tunnel lockin container	796	Switch 2 fifth wheel uncoupling	951A	Relay sensor		
733	Switch 1 fifth wheel uncoupling	799	Solenoid valve retarder	951B	Relay sensor		
734	Solenoid valve fifth wheel uncoupling	799A	Solenoid valve retarder tank	951C	Relay sensor		
736B	Solenoid valve fifth wheel locking	815	Trailer connector ABS	951D	Relay sensor		
738	Free flow hydraulic valve	818	Switch electrical emergency steering pump	951E	Relay sensor		

CONNECTORS ON THE P.C.B. 25036047 (GENERAL)

CA 01	Not used	CB 01	Not used
CA 02	Not used	CB 02	Not used
CA 03	Not used	CB 03	703-705 Supply switch differential lock
CA 04	Not used	CB 04	Not used
CA 05	Not used	CB 05	15+-247B Brake pressure sensor 5 th wheel unlock (stand still)
CA 06	Not used	CB 06	30+-251 Supply (30+) master instrument
CA 07	124-104 Spare signal engine start	CB 07	Not used
CA 08	Not used	CB 08	210-2 Battery charging light (from D+)
CA 09	750-N Signal Neutral transmission (ground)	CB 09	Not used
CA 10	15+-104 Supply relay 104/2 (pre-heating/start)	CB 10	Not used
CA 11	750-N Spare signal Neutral transmission (ground)	CB 11	210-1 Supply battery charging light
CA 12	15+-106 Supply pre-heating relay	CB 12	15+-251 Supply (15+) master instrument
CA 13	D+-107C Supply to relay 107C-86	CB 13	Not used
CA 14	Not used	CB 14	15+-CTRL Supply ground switched indicator lights
CA 15	107-606 Air dryer	CB 15	15+-301 Supply windscreen wipers/washer front
CA 16	901-87 Spare signal fifth wheel locked	CB 16	0.75 BN Signal automatic engine stop
CA 17	121-122 Signal engine stop after 5(30) min. idle	CB 17	901-267 Indicator light fifth wheel locked
CA 18	901-87 Spare signal fifth wheel locked	CB 18	15+-733 Supply switches fifth wheel unlocking
CA 19	122-86 Spare signal engine stop	CB 19	910-266 Indicator light fifth wheel height
CA 20	910-87 Spare signal fifth wheel height	CB 20	901-296 Warning light fifth wheel unlocked
CA 21	113-133 Signal engine stop from remote control	CB 21	15+-247A Supply sensor brake pressure trailer
CA 22	910-87a Signal fifth wheel not to high	CB 22	0.75 GN Supply fan fresh air
CC 01	Not used	CD 01	Not used
CC 02	109-50 Signal engine start	CD 02	WS CD 02 Ground
CC 03	774-1 Supply switch air suspension	CD 03	Not used
CC 04	551-1 Supply switch working light(s)	CD 04	102-50 Supply to starter motor
CC 05	532-1 Supply switch rotating warning light	CD 05	Not used
CC 06	556-1 Supply switch working light rear	CD 06	103-D+ D+ from alternator
CC 07	15+-955 Supply relay 955 (parking brake)	CD 07	15+-520 Supply sensor reversing light (Allison MT)
CC 08	15+-300 Supply switch heaterfan	CD 08	1.5 RT Supply to the PCB (30+)
CC 09	319-53a Supply windscreen wiper motor rear (end adjustment)	CD 09	910-722 Output sensor fifth wheel height
CC 10	109-30 Supply ignition switch	CD 10	122-114 Supply to solenoid engine stop/ECU engine
CC 11	303-53a Supply windscreen wiper motor front (end adjustment)	CD 11	901-731 Supply to sensors fifth wheel locking
CC 12	15+-965A Supply interval relay windscreen wiper rear	CD 12	Not used
CC 13	15+-965V Supply interval relay windscreen wiper front	CD 13	Not used
CC 14	318-3 Supply switch windscreen wiper rear	CD 14	Not used

CONNECTORS ON THE P.C.B. 25036056 (LIGHTING)

CE 01	506-56	Supply switch dipped/full beams	CF 01	0.75 GR	Instrument illumination
CE 02	506-56b	Signal dipped beams	CF 02	WS CF 02	Ground
CE 03	500-1	Output switch lighting to switch dipped/full beams	CF 03	0.75 GR	Instrument illumination
CE 04	506-H	Signal from push button horn	CF 04	0.75 GR	Instrument illumination
CE 05	500-3	Supply to switch lighting for dipped/full beams	CF 05	0.75 GR	Instrument illumination
CE 06	409-8	Supply direction indicator	CF 06	750-938	Signal reverse transmission
CE 07	409-8	Direction indicator right	CF 07	0.75 GR	Instrument illumination
CE 08	506-R	Direction indicator right combination switch	CF 08	521-520	Output (extra) switch reversing light
CE 09	409-3	Direction indicator left	CF 09	0.75 GR	Instrument illumination
CE 10	506-L	Direction indicator left combination switch	CF 10	0.75 GR	Instrument illumination
CE 11	409-6	Supply to flasher unit	CF 11	0.75 GR	Instrument illumination
CE 12	523-1	Supply switch fog light rear	CF 12	400-49+	Supply flasher unit
CE 13	409-2	Supply hazard warning lights	CF 13	0.75 GR	Instrument illumination
CE 14	506-30	Supply headlamp flasher	CF 14	30+-600	Supply interior light
CE 15	506-49a	Direction indicator input to combination switch	CF 15	0.75 GR	Instrument illumination
CE 16	500-6	Output switch lighting parking light left	CF 16	0.75 GR	Instrument illumination
CE 17	409-5	Output flasher unit (hazard lights)	CF 17	0.75 GR	Instrument illumination
CE 18	500-2	Supply switch parking light	CF 18	400-49a	Output flasher unit
CE 19	500-8	Output switch lighting parking light right	CF 19	0.75 GR	Instrument illumination
CE 20		Not used	CF 20	0.75 GR	Instrument illumination
CE 21	0.75 GR	Instrument illumination	CF 21		Supply switch fog lights front
CE 22	506-56a	Signal full beams	CF 22	0.75 GR	Instrument illumination
CG 01	948-247	Sensor brake lights	CH 01	948-518A	Brake light junction box rear
CG 02	521-575	Reversing buzzer (only when there is a switch for rev. lights)	CH 02	506-514	Dipped beams right
CG 03	543-54	Brake light trailer connector	CH 03	506-404	Direction indicator left front
CG 04	247-518	Brake light left	CH 04	506-403A	Direction indicator left junction box rear
CG 05	543-L	Direction indicator left trailer connector	CH 05	506-407	Direction indicator right front
CG 06	506-403	Direction indicator left-rear	CH 06	506-406A	Direction indicator junction box rear
CG 07	543-R	Direction indicator right trailer connector	CH 07	500-505	Parking light right
CG 08	506-406	Direction indicator right rear	CH 08	500-501A	Parking light left junction box rear
CG 09	543-58L	Parking light left trailer connector	CH 09	500-502A	Parking light right junction box rear
CG 10	500-501	Tail light left	CH 10	506-513	Dipped beams left
CG 11	543-58R	Parking light right trailer connector	CH 11	500-504	Parking light left
CG 12	500-502	Tail light right	CH 12	506-516	Full beams right
CG 13	900-605	Horn	CH 13	938-520	Reversing light junction box rear
CG 14	938-520	Spare connection reversing light	CH 14	506-515	Full beams left/indicator light full beams

CONNECTORS ON THE P.C.B. 25036065 (TRANSMISSION)

Connector CK for Clark transmission

CK 01	Not used
CK 02	Not used
CK 03 48	Supply switch forward/reverse shift lever
CK 04 52	Supply positionswitch shift lever
CK 05 53	Feed back from shift lever (not used)
CK 06 55	Output shift lever position 3
CK 07 50	Output shift lever position reverse
CK 08 54	Output shift lever position 2
CK 09	Not used
CK 10 56	Output shift lever position 4
CK 11 49	Output shift lever position forward
CK 12	Not used
CK 13 51	Supply to several relays on the PCB
CK 14	Not used
CL 01	Not used
CL 02	Not used
CL 03	Not used
CL 04	Not used
CL 05	Not used
CL 06	Not used
CL 07 927-87	Output relay 927 pin 87 (F/R shift protection)
CL 08 750-R	Spare signal shift lever in reverse
CL 09	Not used
CL 10	Not used
CL 11 740-R	Spare signal transmission reverse
CL 12 750-F	Spare signal shift lever forward
CL 13 925-86	Control wire relay 925 and 926 (F/R shift protection)
CL 14 927-87a	Output relay 927 pin 87a (F/R shift protection)

CM 01 1.5 SW	Supply (15+ unfused)
CM 02	Not used
CM 03 947-87a	Supply when transmissie is neutral
CM 04	Not used
CM 05 740-R	Supply solenoid reverse
CM 06 104-85	Ground when transmission is neutral (start protection)
CM 07	Not used
CM 08 WS CM 08	Ground
CM 09	Not used
CM 10	Not used
CM 11	Not used
CM 12	Not used
CM 13	Not used
CM 14	Not used
CM 15 740-2	Supply solenoid 2
CM 16 740-F	Supply solenoid forward
CM 17 740-3	Supply solenoid 3
CM 18	Not used
CM 19 15+-927	Supply relay 927 pin 86 (F/R shift protection)
CM 20	Not used
CM 21 927-927A	(switched) ground relay 927-85 (F/R shift protection)
CM 22 740-1	Supply solenoid 1

CONNECTORS ON THE P.C.B. 25036083 (APC-100)

Connector CR (input signals)

CR 01	1.5 SW	Supply (15 + unfused)
CR 02	754-748	Signal engine idle (pin 1 proximity switch)
CR 03	15+-752	Supply switch manual/automatic gear change
CR 04	740-3S	Signal solenoid 3
CR 05	WS CR 05	Ground
CR 06	740-1S	Signal solenoid 1
CR 07	752-754	Output switch manual/automatic gear change
CR 08		xxx
CR 09	754-901A	Signal standstill
CR 10	740-R S	Signal reverse
CR 11	740-2 S	Signal solenoid 2
CR 12	740-F S	Signal forward
CR 13	948-754	Signal declutch (while braking)
CR 14	714-716 S	Signal high/low range

Connector CS (output)

CS 01	740-F	Supply solenoid forward
CS 02		xxx
CS 03	740-R	Supply solenoid reverse
CS 04		xxx
CS 05		xxx
CS 06	713-715	xxx
CS 07	740-1	Supply solenoid 1
CS 08	754-789	Supply solenoid valve anti throttle
CS 09	740-3	Supply solenoid 3
CS 10	740-2	Supply solenoid 2
CS 11	747-754	Speed signal turbine speed
CS 12	746-754	Speed signal engine speed
CS 13	754-747	Speed signal turbine speed
CS 14	754-746	Speed signal engine speed

Connector CT (to APC-100 control unit)

CT 01	1	Input signal forward
CT 02	2	Input signal solenoid 1
CT 03	3	Input signal solenoid 3
CT 04	4	xxx
CT 05	5	xxx
CT 06	6	xxx
CT 07	7	xxx
CT 08	8	xxx
CT 09	9	Supply when manual gear change
CT 10	10	xxx
CT 11	11	xxx
CT 12	12	Supply solenoid forward
CT 13	13	Supply solenoid reverse
CT 14	14	Supply solenoid 1
CT 15	15	Supply solenoid 2
CT 16	16	Supply solenoid 3
CT 17	17	Supply APC-100
CT 18	18	Supply APC-100
CT 19	19	xxx
CT 20	20	Input signal reverse
CT 21	21	Input signal solenoid 2
CT 22	22	xxx
CT 23	23	Input signal engine idle
CT 24	24	xxx
CT 25	25	xxx
CT 26	26	Input signal declutch (while braking)
CT 27	27	xxx
CT 28	28	Speed signal engine speed
CT 29	29	Speed signal engine speed
CT 30	30	Speed signal turbine speed
CT 31	31	Speed signal turbine speed
CT 32	32	xxx
CT 33	33	xxx
CT 34	34	Signal standstill
CT 35	35	xxx
CT 36	36	Signal to relay solenoid valve anti throttle
CT 37	37	xxx

CONNECTORS IN THE CAB

Connector 625 (extra equipment)

625-01	30+	Supply from battery + (after the main switch)
625-02	15+	Supply after ignition switch
625-03	15+	Supply after ignition switch
624-04	1.5 GR	Illumination
625-05	D+	Supply when alternator is charging
625-06	225-001	Supply direct from battery (even with main switch off)
625-07	WS 625	Ground
625-08	WS 625	Ground

Connector 251 (master instrument)

251-01	30+-251	Supply 30+
251-02	15+-251	Supply 15+
251-03	0.75 BN	Signal automatic engine stop (oil press. engine)
251-04	955-86	Signal brake pressure circuit 1 or 2 low
251-05	WS 251-5	Ground
251-06		
251-07	WS 251-7	Ground
251-08	103-W	Speed signal from alternator (W)
251-09	251-206	Sensor brake pressure circuit 1
251-10	251-207	Sensor brake pressure circuit 2
251-11	251-218	Sensor cooling fluid temperature engine
251-12	251-235	Sensor oil temperature transmission
251-13	251-245	Supply speed sensor tachometer
251-14	WS 251-14	Ground
251-15	WS 251-15	Ground
251-16	0.75 GR	Instrument illumination
251-17		Diagnose (not connected)
251-18		Diagnose (not connected)
251-19	WS 251-19	Ground
251-20	WS 251-20	Ground
251-21	WS 251-21	Ground
251-22	251-245	Signal from speed sensor tachometer
251-23	251-243	Sensor oil pressure engine
251-24	251-238	Sensor oil pressure transmission
251-25	251-219	Sensor fuel level (tank)

Connector KA (lighting in and on the cab)

KA 01	555-557/BL	Working light
KA 02	30+-600/GE	Interior light
KA 03	532-533/RT	Rotating warning light
KA 04	GN/GN	Fan fresh air
KA 05	555-557KV/BL	Extra working/reversing light on cab
KA 06	WS KA/WS	Ground

Connector KB (switches fifth wheel unlocking/air suspension near the seat)

KB 01	15+-733	Supply switch fifth wheel unlocking
KB 02	796-734	Supply to solenoid valve fifth wheel unlocking
KB 03	774-1	Supply switch air suspension
KB 04	774-775	Supply to solenoid valve air suspension
KB 05	0.75 GR	Supply illumination switches
KB 06	0.75 WS	Ground illumination switches

Connector KC (electrical cab tilting/remote control engine)

KC 01	2.5 RT/2.5 BN	Supply electrical cab tilting/remote control engine
KC 02	124-104/2.5 SW	Signal engine start
KC 03	113-122/2.5 BL	Signal engine stop

Connector KE (connector body carrier)

KE 01	15+-556	Supply switch extra working lights rear
KE 02	556-938	Output switch extra working lights rear
KE 03	15+-556A	Supply switch extra extra working lights in the body
KE 04	556-938A	Output switch extra extra working lights in the body
KE 05	532A-533A	Output switch rotating warning light (beacon) rear
KE 06	15+-793	Supply switches twist-locks and lifting/lowering
KE 07	793-794a	Supply for hook locking unlocking
KE 08	793-794b	Supply for hook locking locking
KE 09	790-791a	Supply container frame lifting
KE 10	790-791b	Supply container frame lowering
KE 11	0.75 GR	Supply illumination switches
KE 12	729-729B	Signal lift boom (5 th wheel) lifting
KE 13	729-726	Signal lift boom (5 th wheel) lowering
KE 14	790A-729B	Signal tunnel locking locking
KE 15	xxx	

Connector KH (connector extra hydr. Pechiney/Alcan)

KH 01	15+-790	Supply for switches extra hydraulics
KH 02	790-791a	Hydraulic free flow valve gutter control
KH 03	790-791b	xxx
KH 04	790-739	Solenoid valve free flow valve
KH 05	730-18	Proportional joy-stick pin 18
KH 06	730-19	Proportional joy-stick pin 19
KH 07	730-20	Proportional joy-stick pin 20
KH 08	730-21	Proportional joy-stick pin 21
KH 09	xxx	

Connector KJ (trailer connector extra hydr. Pechiney/Alcan)

KJ 01	267B-543/1 (XI)	Warning light locking pin locked
KJ 02	2 (XII)	Signal gutter in
KJ 03	3 (XII)	Signal gutter out
KJ 04	4 (XII)	Supply solenoid valve free flow
KJ 05	5 (XII)	Signal ladle lifting from joy-stick
KJ 06	6 (XII)	Signal ladle lowering from joy-stick
KJ 07	7 (XII)	Supply solenoid valve free flow
KJ 08	8 (XII)	Signal for opening the locking
KJ 09	0.75 GE/9 (XII)	Supply to ladle trailer
KJ 10	10 (XII)	Supply solenoid valve free flow
KJ 11	927-543/11 (XII)	Signal shift blocking (ground)
KJ 12	GE/GN (XII)	Ground

Connector KK (extra hydraulic for trailer BLG)

KK 01	247A-729	Supply switch lifting/lowering
KK 02	719-725	Output switch lifting
KK 03	719-726	Output switch lowering
KK 04		
KK 05	0.75 GR	Supply illumination switches
KK 06	0.75 WS	Ground illumination switches

Connector KR (voltage converter 24 V – 12 V, radio/communication systems)

KR 01	225-001/RT (III)	Supply 30+ (even with main switch switched off)
KR 02	15+-622/SW (III)	Supply 15+
KR 03	0.75 GE/SW (II)	Supply sensor cab door

Connector KS (Connector different components in the cab)

KS 01	319-31b/GN (V)	Switched end adjustment ground wiper motor rear
KS 02	319-53/BL (V)	Supply wiper motor rear (1 st speed)
KS 03	319-53a/RT (V)	Supply wiper motor rear (end adjustment)
KS 04	319-53b/SW (V)	Supply wiper motor (2 nd speed)
KS 05	305-304/SW (II)	Wind screen washer
KS 06	314/?? (II)	Electrical window winder
KS 07	WS 314/?? (II)	Electrical window winder
KS 08	308-309/SW (II)	Electrical driver seat heating
KS 08	975-601/WS (II)	Sensor cab door
KS 09	555-557KA	Extra working light on the cab

Connector KBA (switch lifting height near the seat)

KBA 01	910-722--	Input switch lifting height limitation
KBA 02	910-722	Output switch lifting height limitation
KBA 03		
KBA 04		
KBA 05	0.75 GR	Supply illumination switch
KBA 06	0.75 WS	Ground illumination switch

Connector KT (tachograph)

KT 01	30+-225	Supply 30+ (even when the main switch is switched of)
KT 02	0.75 GR	Instrument illumination
KT 03	315+-225	Supply 15+
KT 04	225-245	Supply to speed sensor tachograph
KT 05	245-225	Ground to speed sensor tachograph
KT 06	754-225	Signal from speed sensor tachograph

Connector RA (connector to smart relay container frame)

RA 01	15+-729B	Supply to smart relay container frame
RA 02	727V-729B	Signal frame height front
RA 03	WS 722V	Ground for sensor frame height front
RA 04	727A-729B	Signal frame height rear
RA 05	WS 722A	Ground for sensor frame height rear
RA 06	790-791a	Signal container frame lifting
RA 07	790-791b	Signal container frame lowering
RA 08	729B-791Aa	Supply correction valve coil a
RA 09	729B-791Ab	Supply correction valve coil b
RA 10	729B-266A	Warning light container frame
RA 11	729B-791a	Supply valve container frame lifting
RA 12	729B-791b	Supply valve container frame lowering
RA 13	910-87	Signal lift boom (5 th wheel) down
RA 14	729-729B	Signal lift boom (5 th wheel) lifting
RA 15	729B-725	Supply to valve lift boom (5 th wheel) lifting
RA 16		
RA 17		
RA 18	WS 729B	Ground smart relay container frame

Connector RB (connector to smart relay container frame)

RB 01	790A-729B	Signal tunnel locking
RB 02	240B-729B	Signal pressure sensor tunnel locking
RB 03	754-729B	Signal stand still indication
RB 04	729B-793a	Supply for valve tunnel locking locking
RB 05	729B-793b	Supply for valve tunnel locking unlocking
RB 06	732B-729B	Signal position tunnel locking lever

Connector DC (combination switch)

DC 01	15+-301/SW	Supply switch wiper/washer, horn
DC 02	305-304/VI-GE	Supply to washer motor
DC 03	303-53/VI-SW	supply to wiper motor 53 (speed 1)
DC 04	303-53b/SW-GR-BN	Supply to wiper motor 53b (speed 2)
DC 05	303-31b/SW-BN	Wiper motor 31b
DC 06	316-965V/SW-RT	Output switch windscreen wiper interval
DC 07	506H/SW-GE	Signal push button horn
DC 08	505-49a/SW-WS-GN	Supply switch direction indicator
DC 09	506-R/SW-GN	Output switch direction indicator right
DC 10	506-L/SW-WS	Output switch direction indicator left
DC 11	506-56/WS-SW	Supply switch dipped/full beams
DC 12	506-56b/GE	Signal dipped beams
DC 13	506-56a/WS	signal full beams
DC 14	506-30/RT	Supply flasher headlamps
DC 15	xxx	

Connector BA (engine)

BA 01	103-W	W signal alternator
BA 02	103-D+	D+ signal alternator
BA 03	102-50	Supply to starter motor
BA 04	106-105	Supply to relay pre-heating
BA 05	251-218/126-770/2	Sensor cooling fluid temperature (gauge)/engine brake Mercedes
BA 06	251-243	Sensor oil pressure engine
BA 07	105-106/109-776A	Ground relay pre-heating/extra fuel cold start
BA 08	106-218	Temperature sensor for pre-heating
BA 09	122-114	Supply solenoid(valve) engine stop/shut off valve in LPG tank
BA 10	306-307	Pressure sensor/ compressor air-conditioning
BA 11	30+-103	Supply 30+ to alternator
BA 12	15+-103	Supply 15+ to alternator

Connector BA (engine TAD750VE)

BA 01	103-W	D+ signal alternator
BA 02	0.75 WS	J1939 HI
BA 03	0.75 BN	J1939 LO
BA 04	2.5 WS	Ground
BA 05	2.5 RT	Supply 30+ (from engine)
BA 06	15+-126	Supply 15+ (from engine)
BA 07	122-114	Signal engine shut off
BA 08	0.75 WS	J1587 HI
BA 09	0.75 BL	J1587 LO
BA 10	306-307	Pressure sensor/ compressor air-conditioning
BA 11	2.5 RT	Supply 30+ (to engine)
BA 12	2.5 WS	Ground

Connector BA' (engine Volvo TAD750VE)

BA' 01	251-218	Sensor engine temperature
BA' 02	251-243	Sensor engine oil pressure
BA' 03	xxx	

Connector BK (cooling fluid level)

BK 01	15+-287	Supply sensor cooling fluid level
BK 02	288-287	Signal cooling fluid level to low (ground)
BK 03	287-971	Signal for function check

Connector BD (Clark transmission/different sensors)

BD 01	703-705	Supply solenoid valve differential lock
BD 02	740-F	Supply solenoid valve F (forward) transmission
BD 03	740-R	Supply solenoid valve R (backward) transmission
BD 04	740-1	Supply solenoid valve 1 transmission
BD 05	740-2	Supply solenoid valve 2 transmission
BD 06	740-3	Supply solenoid valve 3 transmission
BD 07	754-789	Supply solenoid valve anti throttle
BD 08	754-748	Signal throttle position idle
BD 09	15+-747A\15+-247B	Supply sensor output speed/turbine speed\brake pressure sensor
BD 10	747A-927\247B-901A	Output sensor output speed/turbine speed\brake pressure sensor
BD 11	WS 747A	Ground sensor output speed/shield cable turbine speed
BD 12	754-746\SW (III)	Signal engine speed\Supply proximity switch
BD 13	746-754\RT (III)	Signal engine speed\Signal from proximity switch
BD 14	WS 746\WS (III)	Shield cable engine speed\Ground proximity switch
BD 15	251-238	Sensor oil pressure transmission
BD 16	251-235	Sensor oil temperature transmission
BD 17	251-219	Sensor fuel level
BD 18	910-722	Sensor fifth wheel height
BD 19	211-205	Sensor air cleaner
BD 20	251-206	Sensor air pressure brake circuit 1
BD 21	251-207	Sensor air pressure brake circuit 2

Connector BE (different components in the body)

BE 01	948-247	Sensor brake light
BE 02	214-208	Sensor parking brake
BE 03	901-731	Sensors fifth wheel locked
BE 04	796-734	Supply solenoid valve fifth wheel unlocking
BE 05	774-775	Supply solenoid valve air suspension
BE 06	720-721	Supply solenoid valve electrical parking brake
BE 07	900-605	Supply horn
BE 08	257-707	Sensor differential lock
BE 09	225-001	Supply when main switch (001) is switched off
BE 10	910-725A	Supply hydraulic valve blocking lift boom lifting
BE 11	910-726A	Supply hydraulic valve blocking lift boom lowering
BE 12	107-606	Heater element electrical air dryer
BE 13	15+-219A	Supply sensor fuel filter
BE 14	211A-219A	Signal sensor fuel filter (ground)
BE 15	287-911	Sensor cooling fluid level
BE 16	15+-247A	Supply sensor brake pressure trailer
BE 17	247A-904	Output sensor brake pressure trailer
BE 18	15+-520	Supply sensor reversing light
BE 19	520-938	Output sensor reversing light
BE 20	104-85/104-115	Output sensor neutral (ground)
BE 21	776A-718/910-739	Supply solenoid valve shift blocking/hydraulics

Connector BSC (5th wheel locking check)

BSC 01	15+-731	Supply control unit fifth wheel locked check
BSC 02	901-731	Signal king pin
BSC 03	901-732	Signal locking

Connector BG (different options)

BG 01	790-791	Supply for PTO for body builder
BG02	790-797	Solenoid valve engine speed limiter
BG 03	704-706	Solenoid valve longitudinal differential lock rear
BG 04	258-708	Sensor longitudinal differential lock rear
BG 05	15+-CTRL/SW (III)	Supply sensor trailer coupling locked
BG 06	852A/RT (III)	Output sensor trailer coupling locked
BG 07	15+-208A/SW (II)	Supply extra sensor parking brake
BG 08	208A-927A/WS (II)	Output extra sensor parking brake
BG 09	818-819/SW (II)	Relay electrical emergency steering pump

Connector BF (body carrier)

BF 01	793-794a	Solenoid valve hook locking locking
BF 02	793-794b	Solenoid valve hook locking unlocking
BF 03	15+-722V	Supply to sensor lifting height front
BF 04	722V-729B	Signal from sensor lifting height front
BF 05	WS 722V	Ground for sensor lifting height front
BF 06	15+-722A	Supply to sensor lifting height rear
BF 07	722A-729B	Signal from sensor lifting height rear
BF 08	WS 722A	Ground for sensor lifting height rear
BF 09	267A-732A	Indicator light twist locks locked
BF 10	729B-791Aa	Hydraulic valve correction system coil a
BF 11	729B-791Ab	Hydraulic valve correction system coil b
BF 12	729B-791a	Supply for valve container frame lifting
BF 13	729B-791b	Supply for valve container frame lowering
BF 14	15+-240B/BN (IV)	Supply pressure sensor hydraulic
BF 15	240B-729B/SW (IV)	Signal pressure sensor hydraulic (NC)
BF 16	240B-951/WS (IV)	Signal pressure sensor hydraulic (NO)
BF 17	729B-739a	Supply to valve tunnel locking
BF 18	729B-739b	Supply to valve tunnel locking unlocking
BF 19	732B-951	Signal position tunnel locking lever
BF 20	729-725	Supply to valve lift boom (5 th wheel) lifting
BF 21	729-726	Supply to valve lift boom (5 th wheel) lowering

Connector BH 9-polig (extra hydraulics Pechiney/Alcan)

BH 01	790-791a	Supply to valve free flow for gutter
BH 02	790-791b	
BH 03	729A-727	Supply to proportional valve ladle down
BH 04	WS 729A-727	Ground for proportional valve ladle down
BH 05	729A-728	Supply to proportional valve ladle up
BH 06	WS 729A-728	Ground for proportional valve ladle up
BH 07	237A-240B	Warning light for hydraulic pressure
BH 08	790-739	Solenoid valve for free flow
BH 09	xxx	

Connector BW (signals Mercedes engine)

BW 01	OUTPUT 1	Output signal 1 (kick down)
BW 02	OUTPUT 3	Output signal 3 (idle speed)
BW 03	OUTPUT 4	Output signal 4
BW 04	CLUTCH	Signal from clutch
BW 05	SPEED 1	Road speed/engine speed limiting 1
BW 06	SPEED 2	Road speed/engine speed limiting 2
BW 07	SPEED 3	Road speed/engine speed limiting 3
BW 08	PTO	Signal PTO
BW 09	ANTIGAS	Signal for no throttle

Connector BW (signals Cummins ISBe engine)

BW 01	VBATT OUT	Supply for input signals/indicator-warning lights
BW 02	208-126	Supply when clutch off
BW 04	247-126	Supply when no service brake active
BW 05	ANTIGAS	Signal for no throttle
BW 06	Ground	Ground for ground switched input signals
BW 07	MAX SPEED	Signal for engine speed limiting
BW 08	748-NC	Signal idle speed engine
BW 09	126-50	Cooling fluid level
BW 10	126-59	Cooling fluid level
BW 11	126-68	Cooling fluid level
BW 12	126-78	Cooling fluid level
BW 13	126-25	Signal for 2 nd speed road speed limiter
BW 14	xxx	
BW 15	xxx	

Connector BW (signals Cummins QSB6.7 engine)

BW 01	PANELGROUND	Ground for input signals
BW 02	SPEED 1	Engine speed limitation 1 (1500 rpm)
BW 03	SPEED 2	Engine speed limitation 2 (1700 rpm)
BW 04	SPEED 3	Engine speed limitation 3 (1900 rpm)
BW 05	ANTIGAS	Signal for no throttle
BW 06	OUTPUT A	Signal throttle active
BW 07	OUTPUT A	Signal engine speed > 300rpm
BW 08	WS RET 12	Ground RET 12
BW 09	WS OUTPUT B	Ground OUTPUT B

Connector BW (signals Volvo TAD750VE)

BW 01	SPEED 1	Engine speed limitation
BW 02	GOVERNOR	Signal governor choice

Connector BW (signals Cummins ISBe Euro 5)

BW 01	SWITCH RETURN	Ground for input signals
BW 02	PTO	Engine speed limitation 1
BW 03	REMOTE PTO	Resume engine speed
BW 04	SPEED LIMIT	Signal for road speed limiter
BW 05	ANTIGAS	Signal for no throttle
BW 06	ENGINE SPEED	Engine speed limitation 2
BW 07	OUTPUT B	Signal engine speed > 300rpm
BW 08	126-848	Override switch engine protection shut down
BW 09	xxx	

Connector BP (different options)

BP 01	15+-543	Supply to trailer connector for engine stop/starting blocking
BP 02	543-122	Signal from trailer connector for engine stop
BP 03	543-104C	Signal from trailer connector for starting blocking
BP 04	102-50/SW (II)	Input relay starting blocking (exhaust filter)
BP 05	102-50/WS (II)	Output relay starting blocking (exhaust filter)
BP 06	951L-871L	Sensor steering angle left
BP 07	951L-872L	Blocking valve steering angle left
BP 08	951R-871R	Sensor steering angle right
BP 09	951R-872R	Blocking valve steering angle right
BP 10	15+-240B	Supply to pressure sensor lift boom
BP 11	240B-NO	Output pressure sensor lift boom NO
BP 12	240B-NC	Output pressure sensor lift boom NC
BP 13	976-331/1.5 VI	Rear window heating
BP 14	901B-722B/WS (II)	Extra sensor lifting height
BP 15	901B-722C/WS (II)	Extra sensor lifting height
BP 16	976-331V/1.5 OR	Front shield heating
BP 17	REL+/SW (II)	Supply relay Power Guard
BP 18	REL-/WS (II)	Ground relay Power Guard
BP 19	0.75 GE/WS (II)	Sensor 2 nd lifting height limitation
BP 20	0.75 GE/SW (II)	2 nd hour counter outside of the cab
BP 21	15+-781/WS (II)	Supply sensors steering angle

Connector SCR (SCR)

SCR 01	126-123I	Temperature sensor exhaust in
SCR 02	123I-126	Temperature sensor exhaust in
SCR 03	126-123U	Temperature sensor exhaust out
SCR 04	123U-126	Temperature sensor exhaust out
SCR 05	126-219L	Level sensor Urea tank
SCR 06	219L-126	Level sensor Urea tank
SCR 07	xxx	
SCR 08	xxx	
SCR 09	xxx	
SCR 10	xxx	
SCR 11	126-963A	Supply relay heating Urea
SCR 12	963A-126	Ground relay heating Urea
SCR 13	219T-126	Temperature sensor Urea tank
SCR 14	126-219T	Temperature sensor Urea tank

Connector BS (SCR)

BS 01	4.0 RT	Supply 30+ SCR
BS 02	15+-129	Supply 15+ sensor Urea tank
BS 03	15+-248	Supply 15+ NOx sensor

Connector BR (different options)

BR 01	SW/SW (IV)	Supply to connector salt strewing device
BR 02	BL/BL (IV)	Speed signal to connector salt strewing device
BR 03	790-791a	Lifting extra hydraulics (snow plough)
BR 04	790-791b	Lowering extra hydraulics (snow plough)
BR 05	790-794a	Steering to left extra hydraulics (snow plough)
BR 06	790-794b	Steering to right extra hydraulics (snow plough)
BR 07	790-795	Blocking valve extra hydraulics (snow plough)
BR 08	793-795B	Solenoid valve salt strewing device operation
BR 09	247A-795C	Solenoid valve extra hydraulics (lifting trailer)
BR 10	247A-795C	Solenoid valve extra hydraulics (lifting trailer)
BR 11	729-725	Solenoid valve simultaneous lifting tractor/trailer
BR 12	729-726	Solenoid valve simultaneous lowering tractor/trailer
BR 13	745-745A	Solenoid valve air connection
BR 14	D+-107A	Relay D+ charge connector
BR 15		
BR 16		
BR 17		
BR 18		
BR 19		
BR 20		
BR 21		

Connector BC (Allison WTEC III transmission)

BC 01	30+-754/136	Supply (30+) ECU
BC 02	30+-754/136	Supply (30+) ECU
BC 03	15+-754/146	Supply (15+) ECU
BC 04	754-104A/123	Signal reverse from ECU
BC 05	754-938A/113	Signal neutral from ECU
BC 06	294A-754/115	Signal Do Not Shift from ECU
BC 07	251-754/157	Speed signal from ECU to speedometer
BC 08	904-754/167	Signal vehicle movement from ECU
BC 09	BN 177-V14/?	Signal kick-down (I)
BC 10	BN 166-S18/927C-166	Signal range indicator (O)
BC 11	WS 754/143	Ground
BC 12	WS 754/143	Ground

Connector BT (Allison WTEC III transmission)

BT 01	GE 153-V12/153-V12	Signal secondary shift (I)
BT 02	GE 161-V31/161-V31	Digital ground (O)
BT 03	WS 114-V2/?	Neutral indicator for PTO (O)
BT 04	GN 105-V19/?	Temperature indicator (O)
BT 05	GN 117-V30/117-V30	Automatic Neutral for PTO (I)
BT 06	WS 1142S1/1 (II)	Communication link SAE J1587 (high)
BT 07	BL 151-S17/2 (II)	Communication link SAE J1587 (low)
BT 08	WS 186/0.75 GR	Supply dashboard illumination (shift selector)
BT 09	GR 188/0.75 WS	Mass dashboard illumination (shift selector)
BT 10	RS 183-S13/WS (II)	Communication link SAE 1939 (high)
BT 11	GR 184-S29/BN (II)	Communication link SAE 1939 (low)
BT 12	GN 155-V11	Range inhibit

Connector BU, lichtblauw (optionals)

BU 01	15+-790	Voeding schakelaar extra hydrauliek chassis
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BU 02	15+-790H	Voeding schakelaar extra hydrauliek heffen chassis
BU 03	790-791H	Uitgang schakelaar extra hydrauliek heffen
BU 04	790-791H	Ventiel heffen extra hydrauliek
BU 05	790-791Z	Ventiel zakken extra hydrauliek
BU 06	15+-287H	Voeding sensor niveau hydrauliek olie
BU 07	288H-287H	Signaal sensor niveau hydrauliek olie

BU 08
BU 09
BU 10
BU 11
BU 12
BU 13
BU 14
BU 15
BU 16
BU 17
BU 18
BU 19
BU 20
BU 21

Connector KTA (Allison 3000 Transmission)

KTA 01	30+-754/110	Supply (30+) ECU
KTA 02	30+-754/170	Supply (30+) ECU
KTA 03	15+-754/163	Supply (15+) ECU
KTA 04	754-104A/141	Signal neutral from ECU
KTA 05	754-938A/165	Signal reverse from ECU
KTA 06	294A-754/129	Signal Do Not Shift from ECU
KTA 07	251-754/125	Speed signal from ECU to speedometer
KTA 08	927C-754/113	Signal Range Indicator (O)
KTA 09	904-T105/105	Signal vehicle movement (O)
KTA 10	0.75 GR/186	Dashboard illumination
KTA 11	??/142	Second shift (I)
KTA 12	T-117/117	Automatic neutral (I)
KTA 13	??/101	Direction Change Enable (I)
KTA 14	??/122	Kick-down (I)
KTA 15	T-103	Digital Ground (Ground for input signals)
KTA 16	xxx	
KTA 17	WS 754/143	Ground
KTA 18	WS 754/143	Ground

Connector BTA (Allison 3000 Transmission)

BTA 01	OR 111	Supply HSD 1
BTA 02	WS 155	Signal Solenoid PCS 4
BTA 03	GN 171	Signal Pressure switch PS 1
BTA 04	OR 136	Signal Solenoid PCS 1
BTA 05	GN 152	Signal Solenoid PCS 2
BTA 06	GE 171	Supply HSD 2
BTA 07	BL 174	Signal Main modulator
BTA 08	GE 133	Signal Solenoid PCS 3
BTA 09	WS 151	Signal Solenoid SS1
BTA 10	GE 131	Supply HSD 2
BTA 11	WS 137	Signal Solenoid TCC
BTA 12	BL 116	Signal Sensor Oil level
BTA 13	RS 112	Supply Sensor Oil level
BTA 14	BN 154	Signal Oil temperature
BTA 15	GN 158	Analogue ground
BTA 16	GE 176	Identification connection
BTA 17	BL 144	Signal Throttle Position Sensor
BTA 18	xxx	

Connector KTB (data J1939/J1587 Allison 3000)

KTB 01	WS (II)	J1939 HI
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KTB 02	BN (II)	J1939 LO
KTB 03	Shield	J1939 Shield
KTB 04	0.75 WS/172	J1587 HI
KTB 05	0.75 BL/132	J1587 LO
KTB 06	xxx	

BTB 01	BN 159	Sensor Engine Speed
BTB 02	OR 139	Sensor Engine Speed
BTB 03	OR 180	Sensor Turbine Speed
BTB 04	BL 120	Sensor Turbine Speed
BTB 05	GE 160	Sensor Output Speed
BTB 06	GN 140	Sensor Output Speed

Connector BL (shift lever ZF 6WG201 transmission)

BL 01	xxx/500	
BL 02	504	Supply to gearshift lever
BL 03	xxx	
BL 04	512	Signal forward shift lever AD4
BL 05	516	Signal AD6
BL 06	520	Signal reverse shift lever AD5
BL 07	524	Signal AD1
BL 08	528	Signal AD2
BL 09	532	Signal AD3
BL 10	536	Signal AD7

Connector BM (interface between ZF 6WG201 and Terberg)

BM 01	747-927A	Speed signal output speed
BM 02	xxx/584	Start inhibitor
BM 03	xxx/588	Reversing light
BM 04	15+-754/592	Supply for automatic gearshift
BM 05	xxx/596	xxx
BM 06	xxx/600	xxx
BM 07	xxx/604	xxx
BM 08	xxx/608	xxx
BM 09	15+-754/612	Supply
BM 10	15+-754/616	Supply
BM 11	xxx/620	xxx
BM 12	754-909Z/624	Signal standstill and neutral
BM 13	xxx	xxx
BM 14	WS 754/632	Ground
BM 15	WS 754/632	Ground

Connector BL (Shift lever for EST37A, WG161/211)

BL 01	902	xxx
BL 02	900	Supply
BL 03	443	Signal forward
BL 04	911	Signal neutral
BL 05	912	Signal reverse
BL 06	463	Signal B1 (ED1)
BL 07	465	Signal B2 (ED2)
BL 08	X7:8/X8:11	Signal B3 (ED3)
BL 09	422	Signal ED7

Connector BN (wiring to gearbox ZF 6WG201)

BN 01	400	Supply solenoid Y1 transmission
BN 02	404	Supply solenoid Y2 transmission
BN 03	408	Supply solenoid Y3 transmission
BN 04	412	Supply solenoid Y4 transmission
BN 05	416	Supply solenoid Y5 transmission
BN 06	420	xxx
BN 07	424	Sensor output speed
BN 08	428	Sensor turbine speed
BN 09	432	xxx
BN 10	436	xxx
BN 11	440	Solenoid valve anti throttle
BN 12	444	xxx
BN 13	448	Sensor output speed
BN 14	452	Sensor turbine speed
BN 15	456	Ground transmission

Connector BMA (interface between ZF EST37A and Terberg)

BMA 01	WA/900-X8\15+-754	Supply (15+)	WG 211	WG161
BMA 02	WM/911-X8\754-104A	Starting blocking		
BMA 03	407/X8:3	Signal ADM2 (gear position)	F3/R2 (O)	F2/R2 (O)
BMA 04	406/X8:4	Signal ADM3 (gear position)	F5/R3 (O)	F3/R3 (O)
BMA 05	466/X8:5	Signal ED9, shift up to max.	F4/R3 (I)	F1/R1 (I)
BMA 06	421/X8:6	Signal parking brake		
BMA 07	429/X8:7\15+-754	Signal automatic/manual shifting		
BMA 08	423/X8:8\30+-754	Supply (30+)		
BMA 09	468/X8:9\30+-754	Supply (30+)		

Connector BMB (interface between ZF EST37A en Terberg)

BMB 01	457/X9:1	Signal ADM5 (gear position)	WG 211	WG161
BMB 02	431/X9:2	Signal ED13, shift up to max.	F1/R1 (O)	F1/R1 (O)
BMB 03	452/X9:3\294A-754	Signal ADM1, warning light	F3/R2 (I)	F3/R1 (I)
BMB 04	433/X9:4	Signal ADM8, ground for engine brake (O)		
BMB 05	WE/902-X9\754 WS	Ground		
BMB 06	402/X9:6\754 WS	Ground		
BMB 07	405/X9:7	Signal ADM4, signal v < 2 km/h (O)		
BMB 08	444/X9:8	Signal ED8, shift up to max.	F6/R2 (I)	F3/R1 (I)
BMB 09	WT/944-X9	Supply for ADM8, engine brake (O)		
BMB 10	436/X9:10	Signal output speed (speedometer)		
BMB 11	WN/912-X9\750-938	Signal reverse		
BMB 12	X7:8/X9:12	Signal B3 from shift lever,	when interruption between 12-13	
BMB 13	420/X9:13	Signal B3 to ED3	only F1/R1	F1-2/R1-2
BMB 14	435/X9:14	Signal ED14, switch engine brake (I)		
BMB 15	459/X9:15	Signal ED15, shift up to max.	F5/R3 (I)	F2/R2 (I)

Connector BNB (wiring to ZF WG211/161 transmission)

BNB 01	404/X3:1\404/X17:1	Output speed sensor
BNB 02	462/X3:2\462/X17:2	Output speed sensor
BNB 03	WA/900-X3\900/X17:3	Output speed sensor
BNB 04	411/X3:5	Ground for solenoid valve F.W.D..
BNB 05	WT944-X3	Supply for solenoid valve F.W.D
BNB 06		

Connector BNA (wiring to ZF WG211/161 transmission)

BNA 01	419/X2:1\419/X11:1	Speed sensor engine
BNA 02	WG/903-X2\903/X11:2	Speed sensor engine
BNA 03	441/X2:3\294A-754	Speed sensor turbine
BNA 04	WG/903-X2\903/X12:2	Speed sensor turbine
BNA 05	442/X2:5\442/X12:1	Speed sensor internal
BNA 06	WG/903-X2\903/X13:2	Speed sensor internal
BNA 07	456/X2:7\456/X14:1	Signal solenoid Y1
BNA 08	410/X2:8\410/X14:2	Signal solenoid Y2
BNA 09	432/X2:9\432/X14:3	Signal solenoid Y3
BNA 10	455/X2:10\455/X14:4	Signal solenoid Y4
BNA 11	409/X2:11\409/X14:5	Signal solenoid Y5
BNA 12	451/X2:12\451/X14:6	Signal solenoid Y6
BNA 13	WJ/906-X2\906/X14:7	Supply to solenoids
BNA 14	439/X2:14\439/X14:8	Sensor oil temperature (intern)
BNA 15	WH/904-X2\904/X14:9	Sensor oil temperature
BNA 16	449/X2:16	xxx
BNA 17	WH/904-X2	xxx
BNA 18	WH/904-X2\904/X16:1	Sensor oil filter
BNA 19	417/X2:16\417/X16:2	Sensor oil filter
BNA 20	450/X2:20\779-754	Ground for solenoid valve lock-up
BNA 21	WT/944-X2\754-779	Supply to solenoid valve lock-up

Connector DD (shift lever Clark transmission)

DD 01	RT/48	Supply switch forward/reverse
DD 02	BL-GE/49	Output forward shift lever
DD 03	WS-GN/50	Output reverse shift lever
DD 04	BL/51	Supply position switch
DD 05	BL/52	Extra connection from DD 04
DD 06	GR/53	Output shift lever position 1
DD 07	GE/54	Output shift lever position 2
DD 08	GN/55	Output shift lever position 3
DD 09	WS/56	Output shift lever position 4
DD 10	BR/57	Output kick-down

Connector BMC (interface between ZF AS-Tronic and Terberg)

BMC 01	901/30+-754	Supply 30+ (fuse 27)
BMC 02	901/30+-754	Supply 30+ (fuse 27)
BMC 03	900/15+-754	Supply 15+ (fuse 28)
BMC 04	948/0.75 GR	Illumination
BMC 05	245-S	Output speed signal
BMC 06	907	Diagnose (K-Leitung)
BMC 07	104-115	Signal neutral
BMC 08	951/294-754	Warning light
BMC 09	534/754-247	Supply when service brake/parking brake
BMC 10	521/15+-938A	Supply relay reverse
BMC 11	535/938A-754	Ground relay reverse
BMC 12	503/??	Supply for output signals 514, 515 en 516
BMC 13	514/??	Ground relay PTO
BMC 14	515/??	Ground relay 9 ^e gear engaged
BMC 15	516/??	Ground relay v< 2 km/h
BMC 16	522/??	Signal from PTO switch
BMC 17	533/901-87a	Signal 5 th wheel unlocked
BMC 18		
BMC 19	523/??	Signal shift blocking >5
BMC 20	902/WS 754	Ground
BMC 21	902/WS 754	Ground
Connector BNC (wires to ECU ZF AS-Tronic)		

BNC 01	907	Diagnose (K-Leitung)
BNC 02	901	Supply 30+
BNC 03	0.75 RT	CAN-HI
BNC 04	901	Supply 30+
BNC 05	918	Speed signal
BNC 06	0.75 SW	CAN-LO
BNC 07	900	Supply 15+
BNC 08	xxx	
BNC 09	xxx	
BNC 10	xxx	
BNC 11	xxx	
BNC 12	902	Ground
BNC 13	xxx	
BNC 14	xxx	
BNC 15	906	Supply (ADVP1)
BNC 16	902	Ground
BNC 17	0.75 GE	CAN-HI
BNC 18	0.75 GN	CAN-LO
BNC 19	524	Signal PTO engaged
BNC 20	104-115	Signal neutral
BNC 21	245-S/251-754	Output speed signal

Connector LA (lighting front)

LA 01	506-404	Direction indicator left front
LA 02	506-407	Direction indicator right front
LA 03	500-504	Parking light left front
LA 04	500-505	Parking light right front
LA 05	506-513	Dipped beams left
LA 06	506-514	Dipped beams right
LA 07	506-515	Full beams left
LA 08	506-516	Full beams right
LA 09	536-537	Spotlight left
LA 10	536-537	Spotlight right
LA 11	310-311L	Electrical heated rear view mirror left
LA 12	310-311R	Electrical heated rear view mirror right

Connector LB (lighting rear)

LB 01	506-403A/GE IX	Direction indicator left junction box rear
LB 02	506-406A/GN IX	Direction indicator right junction box rear
LB 03	500-502A/BN IX	Tail light right junction box rear
LB 04	500-501A/SW IX	Tail light left junction box rear
LB 05	948-518A/RT IX	Brake lights junction box rear
LB 06	938-520/BL IX	Reversing light junction box rear
LB 07	523-524/GR IX	Rear fog light
LB 08	556-558/OR IX	Extra working light(s) rear
LB 09	0.75 GE/SW (II)	Extra working lights rear on the cab
LB 10	521-575/BL IX	Reversing buzzer (only if there is a switch for revers. lights)
LB 11	938B-558B/OR IX	Extra working light(s) in the body
LB 12	532A-533A/GR IX	Extra warning rotating light on the rear

Connector LC (trailer connector)

LC 01	573-58L/SW VII	Tail light left
LC 02	543-L/GE VII	Direction indicator left
LC 03	543-54/RT VII	Brake lights
LC 04	543-R/GN VII	Direction indicator right
LC 05	543-58R/BN VII	Tail light right
LC 06	543-54G/BL VII	Rear fog light (optional)

Connector LD (tail lights behind the cab)

LD 01	506-403	Direction indicator left
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LD 02	500-501	Tail light left
LD 03	247-518	Brake light left
LD 04	506-406	Direction indicator right
LD 05	500-502	Tail light right
LD 06	247-519	Brake light right

Connector ISO (additional trailer connector)

ISO 01	XXX	XXX
ISO 02	938-543	Reversing light
ISO 03	15+-543	Supply 15+
ISO 04	xxx	xxx
ISO 05	xxx	xxx
ISO 06	523-543	Rear fog light

Connector ABS (ABS trailer connector)

ABS 01	4.0 qmm RT	Supply (30+)
ABS 02	15+/-RT-WS	Supply 15+
ABS 03	256A-815/GE-BL	Warning light ABS

Connector LG (additional trailer connector)

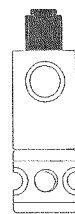
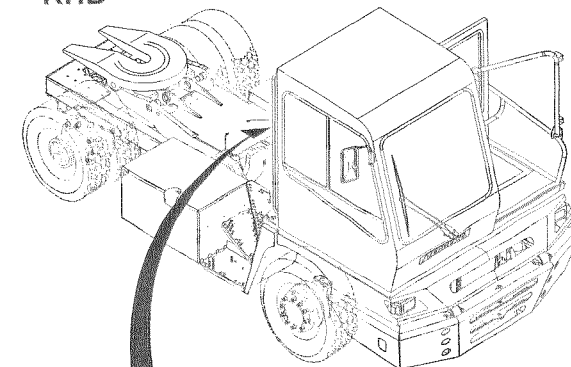
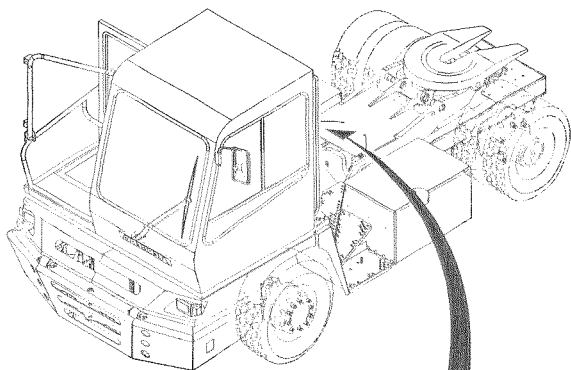
LG 01	30+-543/RT VII	Supply trailer (30+)
LG 02	15+-543/SW VII	Supply trailer (15+)
LG 03	523-524/GE VII	Rear fog light
LG 04	750-R/GN VII	Reverse
LG 05	104C-543/BL VII	Shifting blocking
LG 06	532-543/BN VII	Rotating warning light (beacon) trailer

Connector LCD (extra trailer connector(s) army vehicle)

LCD 01	543-58/SW VII	Tail lights
LCD 02	543-L/GE VII	Direction indicator left
LCD 03	543-54/R VII	Brake lights
LCD 04	543-R/GN VII	Direction indicator right
LCD 05	532-543/SW II	Rotating warning light

LHD

RHD



Normally open



Normally closed

10mm

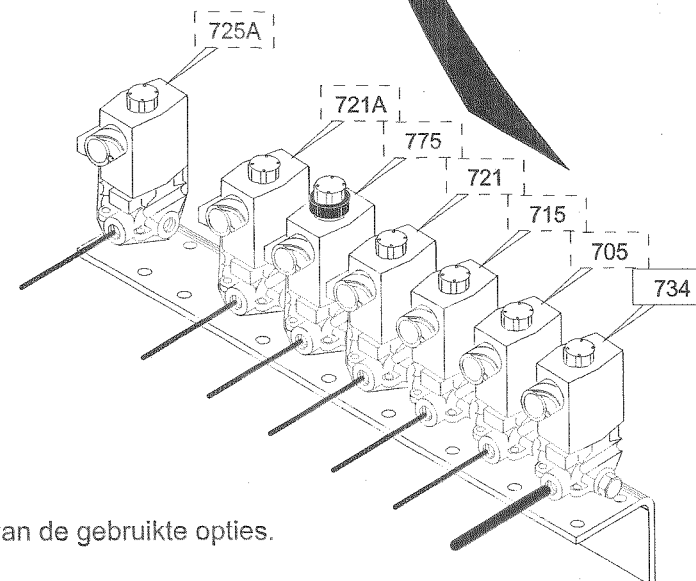
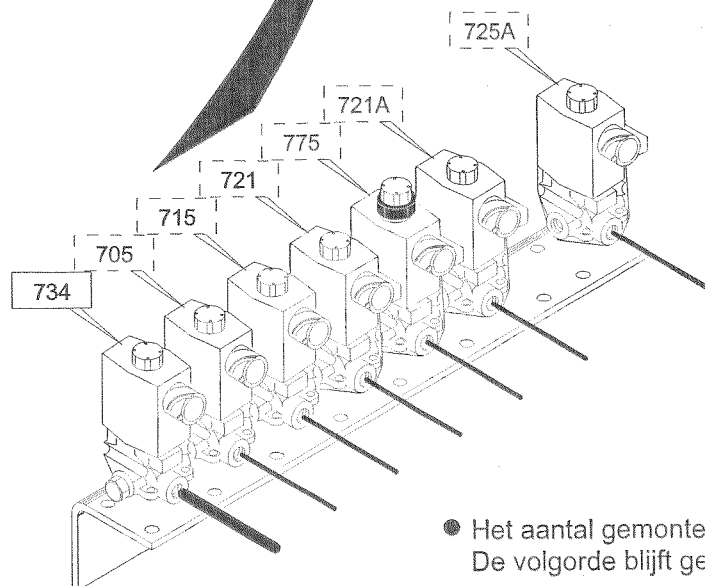
6mm



Standard



Optional



- Het aantal gemonteerde magneetventielen is afhankelijk van de gebruikte opties.
De volgorde blijft gelijk.
- The total number of mounted solenoid valves is depending on the number of options.
The sequence remains the same.
- Die Anzahl der montierten Magnetventilen ist von der Anzahl der Optionen abhängig.
Die Reihenfolge bleibt gleich.
- Le nombre de électrovannes c'est dépendant d'options utilisé.
L'ordre c'est la même chose.