

## Group 0 - Electronics

Polarity N°	Designation
0010	Communication bus J1587-1 (+ signal)
0011	Communication bus J1587-1 (- signal)
0012	Communication bus J1939-1 (+ signal)
0013	Communication bus J1939-1 (- signal)
0014	Not assigned
0015	Radio remote control
0016	Radio remote control
0017	Radio remote control
0018	Radio remote control
0019	Radio remote control
0020	Radio remote control
0021	“ZF” communication bus (+ signal)
0022	“ZF” communication bus (- signal)
0023	Power supply relay control by vehicle management ECU
0024	Injection pump and camshaft speed sensor information (electronic injection / - signal)
0025	Injection pump and camshaft speed sensor information (electronic injection / + signal)
0026	Gear lever communication bus (+ signal)
0027	Hydraulic retarder proportional solenoid valve control
0029	Hydraulic retarder oil boosting solenoid valve control
0031	Hydraulic retarder coolant temperature information
0032	Hydraulic retarder coolant temperature information
0038	Retarder manual control (analogue signal)
0039	Alarm siren activation and/or disabling encoded line
0045	Communication bus for EBS trailer socket (+ signal)
0046	Communication bus for EBS trailer socket (- signal)
0056	Vehicle speed sensor encrypted data line
0057	Information display pull-down menu sequence change signal
0058	Information display pull-down menu sequence change signal
0061	Gearbox input shaft speed information (+ signal)
0062	Gearbox input shaft speed information (- signal)
0063	Automatic gearbox casing oil level sensor power supply
0064	Automatic gearbox identification line

0065	<b>Automatic gearbox casing oil temperature sensor information</b>
0066	<b>Automatic gearbox casing oil level sensor information</b>
0067	<b>Communication bus J1587 for gearbox diagnostic socket (+ signal)</b>
0068	<b>Communication bus J1587 for gearbox diagnostic socket (- signal)</b>
0069	<b>Gearbox speed selector data bit 1</b>
007	<b>Accelerator pedal potentiometer power supply</b>
0070	<b>Gearbox speed selector data bit 2</b>
0071	<b>Gearbox speed selector data bit 4</b>
0072	<b>Gearbox speed selector data bit 8</b>
0073	<b>Gearbox speed selector data parity bit</b>
0074	<b>Link between gearbox ECU and gear lever display</b>
0075	<b>Automatic gearbox gear lever information in input mode on gearbox ECU</b>
0076	<b>Automatic gearbox hydraulic pressure sensor information</b>
0084	<b>Automatic gearbox output speed sensor information (- signal)</b>
0086	<b>Automatic gearbox temperature sensor information</b>
0087	<b>Automatic gearbox turbine speed sensor information</b>
0088	<b>Automatic gearbox output speed sensor information (+ signal)</b>
0089	<b>Retarder coolant temperature sensor information</b>
0100	<b>Onboard management data transmission bus (+ signal)</b>
0101	<b>Onboard management data transmission bus (- signal)</b>
0102	<b>Onboard management data reception bus (+ signal)</b>
0103	<b>Onboard management data reception bus (- signal)</b>
0104	<b>Communication bus J1587-2 (+ signal)</b>
0105	<b>Communication bus J1587-2 (- signal)</b>
0107	<b>RH front brake pads wear analogue sensor earth</b>
0108	<b>RH front brake pads wear analogue sensor information</b>
0109	<b>RH front brake pads wear analogue sensor power supply (+5V)</b>
011	<b>Humidity sensor information</b>
0114	<b>Temperature sensor analogue signal for adjusting exhaust gases (EGR)</b>
0116	<b>Coolant temperature sensor analogue signal</b>
0117	<b>Pusher or follower rear axle angle sensor minimum voltage</b>
0118	<b>Pusher or follower rear axle angle sensor maximum voltage</b>
0119	<b>Front axle angle sensor minimum voltage</b>
0120	<b>Front axle angle sensor minimum voltage</b>
0123	<b>Red LED indicating that vehicle alarm is set (+) power supply</b>

0127	Alarm ultrasonic reception (RX+ signal)
0128	Alarm ultrasonic reception (RX- signal)
0129	Alarm ultrasonic transmission (RX+ signal)
0130	Alarm ultrasonic transmission (RX- signal)
0143	Engine crankcase pressure sensor information
0144	Fuel pressure sensor information
0145	Available power supply (earth delivered by ECU for on-chassis engine stop control)
0146	Available power supply (Information requested by for on-chassis engine stop control)
0147	Communication bus between EBS ECU and front module (- signal)
0148	Communication bus between EBS ECU and front module (+ signal)
0149	Communication bus between EBS ECU and first additional module (- signal)
0150	Communication bus between EBS ECU and first additional module (- signal)
0151	Engine coolant level sensor information
0160	LH front brake pads wear analogue sensor earth
0161	LH front brake pads wear analogue sensor information
0162	LH front brake pads wear analogue sensor power supply (+5V)
0163	First axle RH rear brake pads wear analogue sensor earth
0164	First axle RH rear brake pads wear analogue sensor information
0165	First axle RH rear brake pads wear analogue sensor power supply (+5V)
0166	First axle LH rear brake pads wear analogue sensor earth
0167	First axle LH rear brake pads wear analogue sensor information
0168	First axle LH rear brake pads wear analogue sensor power supply (+5V)
0169	Second axle RH rear brake pads wear analogue sensor earth
017	Accelerator pedal position potentiometer information
0170	Second axle RH rear brake pads wear analogue sensor information
0171	Second axle LH rear brake pads wear analogue sensor power supply (+5V)
0172	Second axle LH rear brake pads wear analogue sensor earth
0173	Second axle LH rear brake pads wear analogue sensor information
0174	Second axle LH rear brake pads wear analogue sensor power supply (+5V)
0175	First rear axle RH speed sensor information
0176	First rear axle RH speed sensor information
0177	First rear axle LH speed sensor information
0178	First rear axle LH speed sensor information
0180	RH rear brake pads wear analogue sensor earth on PUSHER additional module
0181	RH rear brake pads wear analogue sensor information on PUSHER additional module

0182	<b>RH rear brake pads wear analogue sensor power supply (+5V) on PUSHER additional module</b>
0183	<b>LH rear brake pads wear analogue sensor earth on PUSHER additional module</b>
0184	<b>LH rear brake pads wear analogue sensor information on PUSHER additional module</b>
0185	<b>LH rear brake pads wear analogue sensor power supply (+5V) on PUSHER additional module</b>
0186	<b>LH rear brake pads wear analogue sensor earth on PUSHER additional module</b>
0187	<b>RH rear brake pads wear sensor information (follower axle module)</b>
0188	<b>RH rear brake pads wear sensor power supply (+5V) (follower axle module)</b>
0189	<b>LH brake pads wear sensor earth (follower axle module)</b>
0190	<b>LH brake pads wear sensor information (follower axle module)</b>
0191	<b>LH brake pads wear sensor power supply (+5V) (follower axle module)</b>
0192	<b>“Driver’s side hand presence” door sensor information (+ signal)</b>
0193	<b>“Driver’s side hand presence” door sensor power supply</b>
0194	<b>“Driver’s side hand presence” door sensor information (- signal)</b>
0195	<b>“Driver’s side hand presence” door sensor information (+ signal)</b>
0196	<b>“Passenger’s side hand presence” door sensor power supply</b>
0197	<b>“Passenger’s side hand presence” door sensor information (- signal)</b>
0198	<b>Driver’s side door antenna (+ signal)</b>
0199	<b>Driver’s side door antenna (- signal)</b>
0200	<b>Passenger’s side door antenna (+ signal)</b>
0201	<b>Passenger’s side door antenna (- signal)</b>
0202	<b>Cab antenna 1 (+ signal)</b>
0203	<b>Cab antenna 1 (- signal)</b>
0204	<b>Cab antenna 2 (+ signal)</b>
0205	<b>Cab antenna 2 (- signal)</b>
0206	<b>Communication bus J1939-6 (+ signal)</b>
0207	<b>Communication bus J1939-6 (- signal)</b>
0208	<b>Communication bus J1587 (+ signal)</b>
0209	<b>Communication bus J1587 (- signal)</b>
0212	<b>Cruise control analogue sensor power supply</b>
022	<b>Accelerator pedal position potentiometer information</b>
028	<b>Cruise control ON/OFF control</b>
029	<b>Cruise control ON/OFF control</b>
03	<b>Rear stop lights power supply (12N socket)</b>
030	<b>RH rear direction indicator light power supply (12N socket)</b>
0307	<b>Rear fog lights power supply (12N socket)</b>

0308	LH rear direction indicator light power supply (12N socket)
031	Cruise control signal
032	Engine oil temperature information with electronic fuel-injection system
033	Intake air temperature information with electronic fuel-injection system
034	Intake air temperature information (P2) with electronic fuel-injection system
0374	Encoded link between radio frequency receiver and alarm
0375	Hazard lights control by radio frequency receiver and/or alarm
0376	EBS module pressure sensor power supply for trailer control
0377	EBS module pressure sensor information for trailer control
0380	EBS module pressure sensor earth for trailer control
0381	Communication bus between EBS ECU and second additional module (- signal)
0382	Communication bus between EBS ECU and second additional module (+ signal)
0384	"PTO" control signal input for engine speed control (customer's pre-arrangement)
039	Brake pedal position sensor information with EBS system
040	Brake pedal position sensor information with EBS system
0403	Encoded tractor/trailer link between alarm and freight protection module
0405	Tachograph serial data bus for fleet management
041	Line K information for diagnostic socket
0411	Communication bus J1939-2 (+ signal)
0412	Communication bus J1939-2 (- signal)
0413	Communication bus for bodybuilding or fleet management (- signal)
0414	Communication bus for bodybuilding or fleet management (+ signal)
0415	Communication bus between EBS ECU and on-chassis acceleration sensor (+ signal)
0416	Communication bus between EBS ECU and on-chassis acceleration sensor (- signal)
0424	Communication bus J1939 for docking radar (+ signal)
0425	Communication bus J1939 for docking radar (- signal)
045	Cruise control deceleration control
0460	Switch-operated control (bodybuilder's pre-arrangement)
0461	Switch-operated control (bodybuilder's pre-arrangement)
0462	Communication bus for vehicle OBD data socket (+ signal)
0463	Communication bus for vehicle OBD data socket (- signal)
0464	Diesel fuel particulate filter temperature sensor power supply
0465	Diesel fuel particulate filter temperature sensor power supply
047	Cruise control acceleration control
052	Flywheel engine speed sensor information (+ signal)

055	<b>Flywheel engine speed sensor information (- signal)</b>
056	<b>Brake pedal position sensor power supply (+5V)</b>
057	<b>EBS system load sensor information</b>
0608	<b>Reversing lights power supply (12N socket)</b>
0632	<b>Rear marker lights power supply (12N socket)</b>
064	<b>Communication bus between EBS ECU and double rear module (- signal)</b>
066	<b>Communication bus between EBS ECU and double rear module (+ signal)</b>
071	<b>EBS system load sensor earth</b>
072	<b>EBS ECU earth for brake valve</b>
073	<b>EBS system load sensor power supply (+5V)</b>
077	<b>Accelerator pedal position sensor information (rest position)</b>
079	<b>Variable-drive fan power supply</b>
080	<b>Engine oil pressure sensor earth</b>
081	<b>Engine oil pressure sensor power supply</b>
082	<b>Communication bus between gear selector and automatic gearbox ECU (+ signal)</b>
083	<b>Communication bus between gear selector and automatic gearbox ECU (- signal)</b>
084	<b>Shunt between gearbox ECU terminal 66 and 26</b>
0801	<b>Communication bus J1587 for adaptive cruise control system (+ signal)</b>
0802	<b>Communication bus J1587 for adaptive cruise control system (- signal)</b>
0803	<b>Information from cruise control system</b>
0804	<b>Information from cruise control system</b>
0805	<b>Information from cruise control system</b>
0806	<b>Information from cruise control system</b>
0807	<b>Information from cruise control system</b>
0808	<b>Information from cruise control system</b>
0809	<b>Information from cruise control system</b>
0810	<b>Gearbox output speed information (+ signal)</b>
0811	<b>Gearbox output speed information (- signal)</b>
0812	<b>First front axle RH roadwheel speed sensor information (+ signal)</b>
0813	<b>First front axle RH roadwheel speed sensor information (- signal)</b>
0814	<b>Second front axle RH roadwheel speed sensor information (+ signal)</b>
0815	<b>Second front axle RH roadwheel speed sensor information (- signal)</b>
0816	<b>First front axle LH wheel speed sensor information (+ signal)</b>
0817	<b>First front axle LH wheel speed sensor information (- signal)</b>
0818	<b>Second front axle LH wheel speed sensor information (+ signal)</b>

0819	<b>Second front axle LH wheel speed sensor information (- signal)</b>
0820	<b>First front axle RH wheel speed sensor information (+ signal)</b>
0821	<b>First front axle RH wheel speed sensor information (- signal)</b>
0822	<b>First front axle LH wheel speed sensor information (+ signal)</b>
0823	<b>First front axle LH wheel speed sensor information (- signal)</b>
0833	<b>Inclination sensor power supply (+)</b>
0834	<b>Inclination sensor information</b>
0835	<b>Inclination sensor power supply (-)</b>
0836	<b>Clutch position sensor power supply (+)</b>
0837	<b>Clutch position sensor information</b>
0838	<b>Clutch position sensor power supply (-)</b>
0839	<b>Parking brake control power supply (-)</b>
0840	<b>Parking brake control potentiometers N° 1 &amp; 2 power supply</b>
0841	<b>Parking brake wake-up contact power supply</b>
0842	<b>Parking brake control potentiometer N° 1 information</b>
0843	<b>Parking brake control potentiometer N° 2 information</b>
0844	<b>Parking brake unlocking switch N° 1 information</b>
0845	<b>Parking brake unlocking switch N° 2 information</b>
0846	<b>Parking brake module air pressure sensor power supply (+)</b>
0847	<b>Parking brake module air pressure sensor power supply (-)</b>
0848	<b>Parking brake module air pressure sensor information</b>
085	<b>Rail pressure sensor information</b>
087	<b>Engine oil pressure sensor information</b>
088	<b>Retarder torque sensor information</b>

## Group 1 - Earths and negative power supplies

Polarity N°	Designation
1	Vehicle general earth
11	Microphone (- signal)
12	Gearbox neutral position sensor information
13	Engine water circuit by-pass solenoid valve control
14	AdBlue heating resistor control (in circuit from tank to pump module)
15	AdBlue heating resistor control (in circuit from pump module to dosing solenoid valve)
16	AdBlue heating resistor control (in circuit from dosing solenoid valve to pump module)
17	AdBlue heating resistor control (in circuit from pump module to tank)
18	12 Volts socket earth (multi-pass cab option)
19	AdBlue heating resistor control (in filter, on pump)
101	Humidity sensor power supply (-)
104	Two-tone horn power supply (-)
106	Assistance control information
119	"Front door open" position sensor information for lighting (overhead light, stepwell light, locker lights, ambient lighting...)
123	Clutch pedal position sensor information
124	12 volts power socket earth
130	Overhead lights lighting earth (after master switch)
131	Communication bus between gear selector and ECU (- signal)
132	Communication bus between gear selector and ECU (+ signal)
141	Tachograph speed sensor information
142	Tachograph speed sensor information
144	Voltage converter earth for CB power supply
147	Master switch coil control
148	Master switch control
151	Available power supply (rear compartment open warning light)
152	Overhead lights earth
155	Voltage converter earth for radiotelephone power supply
156	Transfer box "low speed" information
157	Front wheels diff lock information
158	Transfer box PTO engaged information
159	Transfer box diff lock information

169	<b>Doors central locking electronic box inhibition earth (presence of key in ignition switch)</b>
173	<b>N° 1/2/3 cylinder injectors earth (line 1)</b>
174	<b>N° 4/5/6 cylinder injectors earth (line 1)</b>
183	<b>Hydraulic retarder proportional solenoid valve earth</b>
184	<b>Hydraulic retarder charge accumulator solenoid valve earth</b>
193	<b>Earth between A/C ECU and fan management ECU</b>
197	<b>Master switch relay earth</b>
198	<b>Battery charging receptacle earth</b>
1001	<b>Front spotlight earth</b>
1006	<b>Exhaust brake solenoid valve N° 2 control earth</b>
1007	<b>Exhaust brake solenoid valve N° 2 control earth</b>
1008	<b>Exhaust brake electrovalve power supply (-)</b>
1010	<b>Fan electric clutch pilot-control earth</b>
1012	<b>EBS system solenoid valve earth</b>
1018	<b>Reversing lights relay control earth</b>
1019	<b>12 volts socket voltage converter earth</b>
1020	<b>Rear, doors opening/closing information</b>
1021	<b>Rear overhead lights power supply (-)</b>
1025	<b>Corrected vehicle speed information</b>
1026	<b>Engine speed regulation control (first selection)</b>
1029	<b>Automatic gearbox solenoid valve earth</b>
1030	<b>Automatic gearbox solenoid valve earth</b>
1031	<b>Automatic gearbox solenoid valve earth</b>
1032	<b>Automatic gearbox solenoid valve earth</b>
1033	<b>Automatic gearbox solenoid valve earth</b>
1034	<b>Automatic gearbox solenoid valve earth</b>
1035	<b>Automatic gearbox solenoid valve earth</b>
1036	<b>Automatic gearbox solenoid valve earth</b>
1037	<b>Automatic gearbox solenoid valve earth</b>
1038	<b>Automatic gearbox solenoid valve earth</b>
1039	<b>Automatic gearbox neutral earth</b>
1043	<b>Automatic gearbox solenoid valve earth</b>
1045	<b>Retarder control selector interface earth</b>
1046	<b>Automatic gearbox solenoid valve earth</b>
1051	<b>Air conditioning cut-out upon engine power loss control</b>

1058	Fuel preheating relay control
1077	Earth delivered by engine management ECU for starting relay control
1081	Piloted axle control sensor earth
1084	Piloted axle control solenoid valve earth
1119	Alarm diode earth
1124	Roadwheels anti-slip sensor earth (ESP)
1140	PTO N° 1 engagement request
1141	Engine speed regulation control (second selection)
1147	Master switch closing control (ADR)
1148	Master switch closing control (ADR)
1149	Master switch warning light earth (ADR)
1150	Alternator earthing relay (-) control (ADR)
1151	N° 1/2/3 cylinder injectors earth (line 2)
1152	Cruise control operating control
1153	N° 4/5/6 cylinder injectors earth (line 2)
1154	Fuel pump control
1155	Air suspension ECU relay control
1156	Water/fuel separator bleeding solenoid valve control
1157	Alarm sound volume reduction control
1159	"Door open" information
1160	Engine retarder VGT2 solenoid valve earth
1161	Information feedback for "difficult terrain" warning light
1162	Turbocharger speed sensor earth
1163	Master switch diode earthing (ADR)
1164	Electrical master switch relay earthing (ADR)
1165	Single "H" solenoid valve N° 1 earthing
1166	Single "H" solenoid valve N° 2 earthing
1167	AdBlue tank level and temperature sensor earth
1168	AdBlue tank level and temperature sensor power supply (+5V)
1180	Driver presence in seat sensor power supply (-)
1200	Gearbox neutral position sensor information (after diode)

## Group 2 - Positive power supplies

Polarity N°	Designation
2	(+) power supply capable of being cut by master switch
20	Microphone (+ signal)
21	Urea heating resistor N° 1 (+) power supply
22	Key switch relay excitation (after ignition position)
23	Urea heating resistor N° 2 (+) power supply
24	(+) power supply after ignition (air management ECU, information display, alarm, engine immobilizer, doors central locking)
25	Battery charge, alternator terminal A+, engine running warning light
26	Charging socket (+) power supply
28	Hydraulic pump power supply
200	Radio antenna power supply (+12V)
201	(+) power supply not cut by master switch
202	Full-time (+) power supply (headlights and hazard lights management ECU)
203	(+) power supply not cut by master switch (tachograph)
205	Starter relay control
206	(+) power supply after relay (fan-coil heaters)
208	(+) power supply capable of being cut by master switch (available power supply)
209	Radio antenna coaxial cable signal
210	Radio antenna coaxial cable earth
211	(+) power supply after ignition (ABS/EBS trailer socket)
212	(+) power supply after vehicle management ECU power supply relay
214	Accessories (+) power supply (ignition key position 1)
215	(+) power supply after ignition (rearview mirror defrosting relay, swivelling rearview mirrors control)
216	GPS antenna coaxial cable signal
217	GPS antenna coaxial cable earth
218	GSM antenna coaxial cable signal
219	GSM antenna coaxial cable earth
220	GSM antenna coaxial cable signal (radiotelephone pre-arrangement)
221	GSM antenna coaxial cable earth (radiotelephone pre-arrangement)
229	(+) power supply after ignition (vehicle management ECU, tachograph)
238	(+) power supply after master switch (heated windscreen)
240	Brake pedal position sensor information

243	<b>(+) power supply after ignition (cab tilt relay)</b>
247	<b>(+) power supply capable of being cut by master switch (cab tilting)</b>
260	<b>(+) power supply after air suspension ECU power supply relay</b>
263	<b>Full-time (+) power supply for central locking of electrical locks and electrical master switch control or network isolation relay power supply and electronic master switch if FPT type vehicle</b>
268	<b>Intermediate conductor between battery banks</b>
270	<b>(+) power supply capable of being cut by master switch (automatic gearbox)</b>
273	<b>(+) power supply after ignition (hydraulic retarder)</b>
274	<b>(+) power supply after ignition (air suspension management ECU)</b>
275	<b>(+) power supply after ignition (available power supply)</b>
291	<b>Engine management and vehicle management ECUs electronic fuel-injection function power supply</b>
292	<b>Engine ECU electronic fuel-injection function digital power supply</b>
293	<b>N° 1 cylinder injector control (line 1)</b>
294	<b>N° 3 cylinder injector control (line 1)</b>
295	<b>N° 2 cylinder injector control (line 1)</b>
296	<b>N° 5 cylinder injector control (line 1)</b>
297	<b>N° 6 cylinder injector control (line 1)</b>
298	<b>N° 4 cylinder injector control (line 1)</b>
2000	<b>(+) power supply after heated windscreen resistor fuse</b>
2005	<b>Brake pedal position sensor information</b>
2014	<b>(+) power supply after ignition (air conditioning/heating)</b>
2016	<b>Information between air conditioning control and ventilation control ECU.</b>
2017	<b>Information between air conditioning control and ventilation control ECU.</b>
2018	<b>Information between air conditioning control and ventilation control ECU.</b>
2023	<b>(+) power supply after master switch for retarder</b>
2025	<b>(+) power supply after ignition for ABS and/or EBS system</b>
2050	<b>Auto/manual retarder mode request</b>
2056	<b>(+) power supply capable of being cut by master switch</b>
2057	<b>on-chassis (+) power supply (bodybuilder's pre-arrangement)</b>
2069	<b>Automatic gearbox solenoid valve (+) power supply</b>
2070	<b>Automatic gearbox solenoid valve (+) power supply</b>
2071	<b>Automatic gearbox solenoid valve (+) power supply</b>
2072	<b>Automatic gearbox solenoid valve (+) power supply</b>
2088	<b>Automatic gearbox solenoid valve (+) power supply</b>
2093	<b>Power supply after master switch</b>

2109	<b>Air suspension ECU remote control electrical socket (+) power supply</b>
2117	<b>(+) power supply after ignition</b>
2119	<b>Master switch opening condition (ADR)</b>
2120	<b>(+) power supply after master switch (available power supply)</b>
2121	<b>(+) power supply after ignition (diff lock control, PTO electrovalves)</b>
2122	<b>(+) power supply after ignition (vehicle management ECU)</b>
2123	<b>(+) power supply after ignition (engine speed regulation adjustment, water/fuel separator bleed solenoid valve, auto/manual selection)</b>
2124	<b>Accelerator and clutch pedals position sensor power supply</b>
2125	<b>(+) power supply after bodybuilder's pre-arrangements ECU relay</b>
2126	<b>Alternator earthing relay (+) power supply (ADR)</b>
2127	<b>(+) power supply after automatic gearbox ECU relay</b>
2128	<b>Night lighting power supply (available power supply)</b>
2132	<b>Batteries DC (+) power supply (independent heating)</b>
2220	<b>Winch power supply</b>
2221	<b>(+) power supply after master switch (available for bodybuilding and/or parking socket)</b>
2222	<b>(+) power supply for all power fuses (alternator output B+)</b>
2223	<b>(+) power supply before master switch (flasher unit and power fuses box)</b>
2224	<b>(+) power supply after master switch (air preheating)</b>
2226	<b>Alternator excitation earthing upon opening of master switch</b>
2227	<b>(+) power supply before master switch (engine immobilizer electronic box, automatic gearbox ECUs)</b>
2229	<b>Alternator-controlled (+) power supply (engine running)</b>
2230	<b>(+) power supply after master switch (air production management ECU)</b>
2231	<b>Accessories (+) power supply (sun-roof and headlamps ride corrector)</b>
2232	<b>Accessories (+) power supply (electrically-operated windows)</b>
2233	<b>(+) power supply after master switch</b>
2234	<b>(+) power supply after ignition (in-cab bodybuilder's pre-arrangements)</b>
2235	<b>Vehicle management ECU "wake-up" (+) power supply</b>
2302	<b>(+) power supply after master switch (refrigerator and voltage dropper)</b>
2303	<b>Alarm siren and piloted axle ECU power supply</b>
2304	<b>(+) power supply after master switch (independent heating)</b>
2306	<b>(+) power supply after master switch (independent heating)</b>
2307	<b>"Batteries being charged" information (engine running)</b>
2309	<b>(+) power supply after master switch (EBS electronic box ECU)</b>
2310	<b>(+) power supply after ignition (onboard management ECU and doors management ECU)</b>

2311	<b>(+) power supply after ignition (available power supply)</b>
2312	<b>(+) power supply after ignition (onboard management ECU)</b>
2315	<b>Accessories power supply (bodybuilder's pre-arrangement)</b>
2316	<b>(+) power supply after master switch (lighting and signalling management ECU)</b>
2317	<b>(+) power supply after ignition (reversing lights and bodybuilder's pre-arrangements relay)</b>
2318	<b>"Panic / alarm" system control</b>
2319	<b>Alarm sound volume reduction information</b>
2320	<b>Automatic gearbox ECU power supply relay control</b>
2323	<b>Engine coolant fan motor power supply</b>
2325	<b>Power supply after ignition (gear selector)</b>
2327	<b>(+) power supply after master switch (onboard management system)</b>
2328	<b>Batteries DC power supply</b>
2328	<b>Alimentation (+) directe batterie après interrupteur général de l'équipement ADR</b>
2329	<b>(+) power supply vehicle management ECU relay</b>
2330	<b>Jake brake relay power supply</b>
2331	<b>24 Volts dashboard socket and 24V/12V voltage converter power supply</b>
2332	<b>Air conditioning electronic management power supply</b>
2334	<b>Driver presence in seat sensor power supply power supply (+)</b>
2930	<b>N° 1 cylinder injector control (line 2)</b>
2940	<b>N° 3 cylinder injector control (line 2)</b>
2950	<b>N° 2 cylinder injector control (line 2)</b>
2960	<b>N° 5 cylinder injector control (line 2)</b>
2970	<b>N° 6 cylinder injector control (line 2)</b>
2980	<b>N° 4 cylinder injector control (line 2)</b>
2981	<b>Optiroll mode request</b>

## Group 3 - Signalling

Polarity N°	Designation
3	Stop lights power supply
30	Trailer RH side direction change indicator lights power supply
31	Hazard lights control
32	Vehicle RH side direction change indicator lights control
33	Vehicle LH side direction change indicator lights control
34	Day/night function tell-tale light power supply
36	Hazard lights warning light control
37	RH front direction change indicator lights and side repeaters power supply
38	RH rear direction change indicator lights power supply
39	LH front direction change indicator lights and side repeaters power supply
301	LH rear direction change indicator lights power supply
302	LH front direction change indicator lights and side repeaters power supply
303	Parking lights lighting relay control
304	RH side parking lights and marker lights power supply
305	LH side parking lights and marker lights power supply
306	(+) power supply before rear fog lights fuse
307	Rear fog lights power supply
310	(+) power supply after master switch (horn)
311	Horn power supply
312	Horn relay control
313	Parking lights lighting control
320	Day/night function relay control
321	(+) power supply after master switch (illuminated warning)
322	Illuminated warning relay control (revolving beacons, illuminated "D" signs...)
323	Illuminated warning power supply
352	Trailer EBS system state of activation information
370	Rear fog lights lighting relay control
373	(+) power supply after master switch (steering wheel fingertip controls – main beam headlights lighting)
374	Encoded line between alarm ECU and doors central locking ECU
386	“Heated rearview mirrors” function activation request
388	12 Volts power supply coming from voltage converter for headlamps ride correctors

389	<b>Penetration lights pre-arrangement and front grille identification lights power supply</b>
390	<b>Two-tone horn power supply</b>

## Group 4 - Comfort accessories

Polarity N°	Designation
4	Heated rearview mirrors resistors and windscreen defrosting controls power supply
41	12V power supply for 12 Volts socket (multi-pass cab option)
43	Air conditioning fan power supply relay control
45	(+) power supply after master switch (overhead lights)
46	12V power supply after 24V/12V converter for radiotelephone
47	Accessories power supply (headlamps ride correctors motor)
402	Driver's side window winder motor power supply
403	Driver's side window winder motor power supply
404	Auxiliary audio input, LH side
405	Auxiliary audio input, RH side
406	Auxiliary audio inputs earth
407	Auxiliary audio inputs diagnostic line
413	Independent heating fuel pump motor (-) power supply
414	Independent heating fuel pump motor (+) power supply
428	Swivelling rearview mirrors motors (-) power supply
429	Swivelling rearview mirrors motors (+) power supply
430	RH swivelling rearview mirror vertical movement motor (+) power supply
431	LH swivelling rearview mirror horizontal movement (+) power supply
432	RH swivelling rearview mirror horizontal movement (+) power supply
433	Passenger's side electrically-operated front curtains motor control
434	Link between passenger's side switch and driver's side curtains control switch
435	Link between passenger's side switch and driver's side curtains control switch
436	Switch-operated order for locking electric door strikers
437	Headlamps ride adjustment
443	Passenger's side electrically-operated front curtains motor control
444	LH front loudspeaker earth
445	Rear loudspeaker power supply (+), RH side
446	Rear loudspeaker power supply (-), RH side
447	LH front loudspeaker power supply
448	RH front loudspeaker power supply
449	Rear loudspeaker power supply (+), LH side
450	Rear loudspeaker power supply (-), LH side

451	LH front loudspeaker power supply
452	(+) power supply after master switch (diagnostic and data extraction sockets)
454	Windscreen electrically-operated curtains motor control
455	Windscreen electrically-operated curtains motor control
456	Accessories power supply (electrically-operated curtains)
462	Power supply after air conditioning compressor "pressure sensor" block fuse
463	(+) power supply after air conditioning compressor "pressure sensor" block fuse (hydraulic retarder, automatic gearbox, horn, fan-coil heater)
469	Link between passenger's side and driver's side window winder motor control switch
470	Link between passenger's side and driver's side window winder motor control switch
476	Independent heating control
484	Switch-controlled doors electric strikers unlocking order
485	Cab tilt pump motor power supply
489	Fan-coil heater pressure sensor power supply
491	Air/water independent heater water distribution solenoid valve control
496	Passenger's side front window winder motor power supply
497	Passenger's side front window winder motor power supply
4000	Passenger's side front window winder motor 12V power supply output for CB radio
4002	Independent heating rheostat adjustment (level 1)
4003	Independent heating timer diagnostic information
4004	Independent heating rheostat adjustment (level 2)
4005	Driver's side electrically-operated curtains motor control
4006	Driver's side electrically-operated curtains motor control
4010	24 Volts dashboard socket power supply
4014	Sun-roof motor control
4015	Sun-roof motor control
4016	Air conditioning compressor clutch relay control
4017	Air conditioning compressor clutch earth
4019	Air conditioning fresh air recycling control (position 3)
4020	Air conditioning fresh air recycling control (position 2)
4021	Air conditioning fresh air recycling control (position 1)
4022	Air conditioning air recycling control position transcription
4023	Information between air conditioning control and fan control ECU
4024	Information between air conditioning control and fan control ECU
4025	Information between air conditioning control and fan control ECU

4026	<b>Air conditioner air outlet setting control</b>
4028	<b>Ventilation unit fresh air recycling control (speed 1)</b>
4029	<b>Link between engine heating switch and engine heating electrovalve pilot-control relay contact</b>
4030	<b>Ventilation unit fresh air recycling control (speed 2)</b>
4050	<b>Ventilation unit fresh air recycling control (speed 3)</b>
4051	<b>12V socket power supply after le 24V/12V voltage converter</b>
4052	<b>Air conditioning pressure sensor information (intermediate level)</b>
4053	<b>Overhead lamps lighting earth (before switch)</b>
4055	<b>Passenger's side electrically-operated curtains motor control</b>
4056	<b>Passenger's side electrically-operated curtains motor control</b>
4057	<b>Cab rear electrically-operated curtains motor control</b>
4058	<b>Cab rear electrically-operated curtains motor control</b>
4060	<b>Rearview mirrors defrosting relay control by vehicle management ECU</b>
4065	<b>External loudspeaker power supply (+) (available power supply)</b>
4066	<b>External loudspeaker power supply (-) (available power supply)</b>
4067	<b>External loudspeaker earth braid (available power supply)</b>
4068	<b>Radio "mute" mode control by hands free telephone</b>
4069	<b>Hands free telephone kit input (+ signal)</b>
4070	<b>Hands free telephone kit input (- signal)</b>
4306	<b>Alternator-controlled power supply (engine running)</b>
4308	<b>Cigar lighter power supply</b>
4309	<b>24V/12V voltage converter and onboard radio power supply</b>
4310	<b>Accessories power supply (electrically-operated seats)</b>
4311	<b>Rear doors electric striker locking / unlocking control</b>
4312	<b>Rear doors electric striker locking / unlocking control</b>
4313	<b>Passenger's side front door electric striker locking/unlocking control</b>
4314	<b>Passenger's side front door electric striker locking/unlocking control</b>
4315	<b>Passenger's side front door unlocked information</b>
4316	<b>Driver's side front door electric striker locking/unlocking control</b>
4317	<b>Driver's side front door electric striker locking/unlocking control</b>
4318	<b>Driver's side front door unlocked information</b>
4320	<b>Air conditioning compressor information feedback</b>
4321	<b>Interior lighting control</b>
4322	<b>Stepwells lighting control</b>
4323	<b>CD player control ("CD in" information)</b>

4324	<b>CD player control ("CD out" information)</b>
4325	<b>CD player control ("CD on" information)</b>
4326	<b>CD player control ("CD AF GND" information)</b>
4327	<b>CD player control ("CD AF IN left" information)</b>
4328	<b>CD player control ("CD AF IN right" information)</b>
4440	<b>Interior lighting control two-way switch line</b>
4441	<b>Interior lighting control two-way switch line</b>
4442	<b>Link between dashboard and cab rear switches for sun-roof control</b>
4443	<b>Link between dashboard and cab rear switches for sun-roof control</b>
4460	<b>12V radiotelephone power supply</b>
4461	<b>12V accessories power supply</b>
4462	<b>Independent heating control (ADR)</b>
4463	<b>Air conditioning compressor control</b>
4466	<b>Ambient lighting lamps power supply</b>
4467	<b>Independent heating switch-operated control</b>
4469	<b>Independent heating switch-on</b>
4470	<b>Independent heating control from information display (air/water)</b>

## Group 5 - Safety accessories

Polarity N°	Designation
54	Electromagnetic retarder power supply (level 1)
55	Electromagnetic retarder power supply (level 2)
56	Electromagnetic retarder power supply (level 3)
57	Electromagnetic retarder power supply (level 4)
59	Corrected speed information given by tachograph
500	Electronically pilot-controlled electromagnetic retarder switches box relay N° 1 control
501	(+) power supply after fuse (windscreen wiper)
502	Windscreen wiper motor power supply (high speed) after fuse (windscreen wiper)
503	Relay control time-delayed via vehicle management ECU
504	Windscreen wiper motor power supply (low speed)
506	Windscreen wash pump motor power supply
507	Windscreen wiper motor fixed stop power supply
508	Windscreen wiper speed controller power supply
509	Windscreen wiper motor fixed return power supply
510	Headlamps wash pump time-delayed power supply
522	(+) power supply after ignition for trailer socket
539	ABS system LH front inlet electrovalve control
540	ABS system LH front outlet electrovalve control
556	ABS system RH front inlet electrovalve control
557	ABS system RH front outlet electrovalve control
566	Speed limitation system intermediate speed memorization line
588	Electronically pilot-controlled electromagnetic retarder switches box relay N° 2 control
589	Electronically pilot-controlled electromagnetic retarder switches box relay N° 3 control
5021	Gearbox sensor information for superimposition of speeds
5024	Electronically pilot-controlled electromagnetic retarder switches box relay N° 4 control
5025	Electronically pilot-controlled electromagnetic retarder terminal V control
5028	Stop lights relay control by vehicle management ECU
5031	Automatic gearbox ECU power supply (after power relay)
5048	Acceleration module and lockover angle sensor power supply
5050	Trailer EBS module power supply (+24V)
5064	Water in fuel bleeding request
5065	Airbag triggered warning light information

5066	<b>Key presence in ignition switch information (ADR)</b>
5067	<b>Emergency stop switch (ADR)</b>
5068	<b>Emergency stop switch (ADR)</b>
5069	<b>On-chassis emergency stop switch</b>
5070	<b>On-chassis emergency stop switch</b>
5071	<b>Key presence in ignition switch information (ADR)</b>
5072	<b>IVS information</b>
5073	<b>Changeover to difficult terrain mode request</b>
5074	<b>Vehicle immobilization request</b>
5075	<b>Accelerator pedal second rest position sensor information</b>
5077	<b>Brake pedal position sensor information (EBS)</b>
5079	<b>EBS front module power supply (battery voltage)</b>
5080	<b>EBS front module power supply (earth)</b>
5081	<b>EBS rear module power supply (battery voltage)</b>
5082	<b>EBS rear module power supply (earth)</b>
5083	<b>EBS first additional module power supply (battery voltage)</b>
5084	<b>EBS second additional module power supply (earth)</b>
5085	<b>Brake holding authorization control</b>
5086	<b>Brake holding authorization information</b>
5087	<b>EBS second additional module power supply (battery voltage)</b>
5088	<b>EBS second additional module power supply (battery voltage)</b>
5089	<b>Trailer brake EBS information</b>
5091	<b>Air inlet electrovalve control for trailer EBS</b>
5092	<b>Air outlet electrovalve control for trailer EBS</b>
5093	<b>EBS load solenoid valve control for trailer</b>
5094	<b>Headlamps wash pump power supply</b>
5095	<b>Headlamps wash pump relay power supply</b>
5096	<b>High pressure pump power supply</b>
5097	<b>High pressure pump power supply</b>
5098	<b>Fuel heating resistors power supply</b>
5099	<b>Power supply after master switch (battery voltage)</b>
5100	<b>(+) power supply after master switch for airbag ECU</b>
5101	<b>Engine starting relay power supply</b>
5102	<b>Engine starting relay earthing</b>
5108	<b>Road speed information</b>

5109

**Link between gear selector and automatic gearbox ECU (information redundancy)**

## Group 6 - Lighting

Polarity N°	Designation
6	Instrument panel and customer extra lighting fuses (+) power supply
60	(+) power supply after RH and LH side fog driving lights fuse and multi-function information display in service warning light
62	Main beam headlights power supply relay control
64	Switches night lighting and other vehicle controls power supply
65	(+) power supply after fog driving lights fuse
68	Fog driving lights control
69	Fog driving lights control
602	RH main beam headlight (+) power supply after fuse
603	LH main beam headlight (+) power supply after fuse and multi-function information display in service warning light
604	RH dipped beam headlight (+) power supply after fuse
605	LH dipped beam headlight (+) power supply after fuse and multi-function information display in service warning light
606	Working spotlight, valves lighting, trailer sockets lighting... power supply
607	Multi-function information display working spotlight in service warning light
608	Reversing lights power supply
609	Long range driving lights power supply relay control and/or automatic gearbox ECU power supply
610	Main beam headlights relay power supply control
611	RH and LH side long range driving lights (+) power supply after fuse and/or automatic gearbox ECU power supply
612	Long range headlights power supply
613	RH and LH side long range driving lights (+) power supply before fuse
615	Front searchlight (+) power supply after fuse
618	24-way ADR socket power supply for authorization of use of power circuit, valves lighting or van interior lighting power supply
621	(+) power supply after Main beam headlights and van interior lighting relay
623	(+) power supply after fuse (power supply for fire vehicle pre-arrangement)
632	Lighting power supply (+24V) available for customer
634	Trailer sockets power supply (terminal 2 and 6 on 24N socket or 5 and 6 on 15-way socket)
635	Reversing buzzer power supply
640	(+) power supply after rear searchlight fuse
641	Front searchlight 12 Volts power supply
643	Rear searchlight control

644	<b>Rear searchlight 12 Volts power supply</b>
646	<b>Extra lighting control</b>
647	<b>Extra lighting power supply</b>
651	<b>Bodybuilding system in work position information</b>
655	<b>Door open warning light power supply (-)</b>
659	<b>Day/night warning light power supply (+)</b>
661	<b>Reverse gear engaged position sensor information</b>
662	<b>Rear fog lights cut-off</b>
663	<b>Main beam headlights and fog driving lights common power supply</b>
665	<b>Dipped beam headlights power supply relay control</b>
666	<b>(+) power supply after fuse (working spotlight)</b>

# Group 7 - Onboard instruments

Polarity N°	Designation
7	Engine speed information (alternator, terminal W information)
71	Pull-down menu 'Raise' request
72	Pull-down menu 'Extend' request
73	Pull-down menu 'Selection' request
74	Pull-down menu 'Lower' request
76	Fuel level sensor information (+ signal)
709	External temperature sensor information (+ signal)
710	External temperature sensor information (- signal)
711	Cab internal temperature sensor information (- signal)
712	Cab internal temperature sensor information (+ signal)
718	Fuel level sensor information (- signal)
719	Power supply after master switch (multi-function information display)
720	Air filter clogging information
766	Fifth wheel position N° 1 sensor digital output
767	Fifth wheel position N° 2 sensor digital output
768	Fifth wheel position N° 3 sensor digital output
775	Driver's seat belt locking information
778	Bit 1 between fleet management ECU and information display information
779	Bit 2 between fleet management ECU and information display information
780	Bit 3 between fleet management ECU and information display information
781	Bit 4 between fleet management ECU and information display information

## Group 8 - Auxiliary equipment and monitoring

Polarity N°	Designation
81	Coolant level probe power supply
82	Coolant level probe information
83	Parking brake engaged relay control
84	Construction site mode switch power supply
85	Construction site mode switch information
86	Inter-wheel diff lock control
87	Rear inter-wheel diff lock information
88	Gearbox-driven PTO in service information
89	Independent heating auxiliary pump
803	Air preheating resistors and/or preheating in service power supply
808	Fuel heating resistors power supply
813	Air suspension rear solenoid valve and 6x2 lift-up axle electrovalve control
814	Air suspension RH rear electrovalve control
815	Air suspension LH rear electrovalve control
816	Air suspension front electrovalve control
823	Exhaust brake solenoid valve power supply
824	Charge air pressure limitation control electrovalve power supply
825	(+) power supply for tachograph pulse generator sensors (Euro 2) or (-) power supply for tachograph encryption sensor (as from Euro 3)
829	Servo steering sensors information
846	ASR system control
851	Diagnostic socket information (line K)
867	Brake pads wear sensor information
868	Brake pads wear sensor, RH/LH link on first front axle
869	Oil level probe information (+ signal)
870	Oil level probe information (- signal)
879	Vehicle front suspension level sensor information
880	Vehicle rear suspension level sensor information
881	Vehicle RH rear suspension level sensor information
899	Common point between air suspension RH and LH level and pressure sensors
8020	30 km/h speed limitation control
8040	Brake pads wear sensor, first/second front axle link

8041	<b>Brake pads wear sensor, RH/LH link on first rear axle</b>
8044	<b>Variable-drive fan motor speed sensor earth</b>
8046	<b>Variable-drive fan motor speed sensor power supply</b>
8067	<b>Chassis-mounted engine speed control</b>
8077	<b>Air suspension pressure sensors power supply</b>
8079	<b>Hub-piloted axle oil level sensor information</b>
8080	<b>Control solenoid valve control for LH cornering</b>
8081	<b>Control solenoid valve control for RH cornering</b>
8082	<b>Safety solenoid valve control</b>
8083	<b>Live equipment warning light power supply</b>
8084	<b>Alarm stop control</b>
8085	<b>Gearbox PTO activation information</b>
8093	<b>PTO N° 1 electrovalve control</b>
8098	<b>Rear inter-wheel diff lock information</b>
8100	<b>Available power supply (engine starting request)</b>
8104	<b>Available power supply (engine alert)</b>
8108	<b>Available power supply (engine starting information)</b>
8109	<b>Cab tilt relay control authorization</b>
8110	<b>On-chassis engine stop request</b>
8111	<b>Cab tilt relay control</b>
8112	<b>PTO N° 3 engagement request</b>
8113	<b>PTO N° 2 engagement request</b>
8114	<b>Transfer box neutral selection electrovalve control</b>
8115	<b>PTO N° 3 engagement electrovalve control</b>
8116	<b>Equipment in dangerous position information warning light power supply</b>
8118	<b>Parking brake engaged information</b>
8119	<b>On-chassis engine speed deceleration request</b>
8120	<b>On-chassis engine speed acceleration request</b>
8121	<b>Automatic return to rated engine speed request</b>
8122	<b>Available power supply (PLC min. output N° 1)</b>
8123	<b>Available power supply (PLC min. output N° 2)</b>
8124	<b>Transfer box changeover to low speed request</b>
8125	<b>Transfer box changeover to low speed control</b>
8126	<b>PTO electrovalves diff lock control</b>
8127	<b>Transfer box diff lock engagement request</b>

8128	<b>Rear inter-wheel diff lock control</b>
8129	<b>Rear inter-wheel diff lock solenoid valve control</b>
8131	<b>Available power supply (analogue) or PTO N° 2 solenoid valve control</b>
8132	<b>Available power supply (PLC analogue input N° 2)</b>
8133	<b>CAN bus disabling control</b>
8134	<b>PTO N° 2 engaged information</b>
8136	<b>Engine speed setting control</b>
8137	<b>Suspension level control activation</b>
8138	<b>Suspension level control</b>
8140	<b>Air suspension rear drive axle level sensor earth</b>
8142	<b>Air suspension rear drive axle level sensor power supply</b>
8143	<b>Air suspension remote control (memory position)</b>
8144	<b>Air suspension remote control (lifting position)</b>
8145	<b>Air suspension remote control (lowering position)</b>
8146	<b>Air suspension remote control (memory 2 position)</b>
8147	<b>Air suspension remote control (return to normal position)</b>
8148	<b>Rear axle suspension air spring electrovalve control</b>
8149	<b>Rear axle lift-up air spring electrovalve control</b>
8150	<b>Rear drive axle air inlet/outlet electrovalve control</b>
8151	<b>Second rear axle lifting control</b>
8152	<b>Second rear axle raising control</b>
8153	<b>Load-shedding lift-up axle control</b>
8154	<b>Air suspension remote control (front axle control)</b>
8155	<b>Air suspension remote control (front axle control)</b>
8156	<b>Front axle air suspension pressure sensor information</b>
8157	<b>Lift-up rear axle air suspension pressure sensor information</b>
8158	<b>Rear axle LH side air suspension pressure sensor information</b>
8159	<b>Rear axle RH side air suspension pressure sensor information</b>
8160	<b>Rear axle LH side air suspension pressure sensor information</b>
8161	<b>Available power supply (PTO N° 2 solenoid valve pilot-control)</b>
8165	<b>PTOs N° 1 &amp; 2 engagement electrovalve earth</b>
8166	<b>PTO N° 1 engagement electrovalve control</b>
8167	<b>PTO N° 2 engagement electrovalve control</b>
8169	<b>PTO N° 1 in service information</b>
8170	<b>Available power supply (parameter programmable frequency-related output)</b>

8172	<b>Transfer box neutral position activation control</b>
8173	<b>Double H position sensor information</b>
8174	<b>Fogging pre-arrangement (+ signal)</b>
8175	<b>Fogging pre-arrangement (- signal)</b>
8176	<b>Tank low level pre-arrangement (- signal)</b>
8177	<b>Tank low level pre-arrangement (+ signal)</b>
8178	<b>Difficult terrain idling request</b>
8179	<b>Front axle inter-wheel diff lock solenoid valve control</b>
8180	<b>Brake pads wear sensor, RH/LH link on second front axle</b>
8181	<b>Brake pads wear sensor, first rear axle/second front axle link</b>
8182	<b>Brake pads wear sensor, first/second rear axle link</b>
8183	<b>Brake pads wear sensor, RH/LH rear link on second axle</b>
8185	<b>Automatic gearbox gear selector position information (position 1)</b>
8186	<b>Automatic gearbox gear selector position information (position 2)</b>
8187	<b>Automatic gearbox gear selector position information (position 3)</b>
8188	<b>Automatic gearbox gear selector position information (position 4)</b>
8189	<b>Automatic gearbox gear selector position information (position 5)</b>
8190	<b>Automatic gearbox gear selector position information (position 6)</b>
8191	<b>Retarder ON control</b>
8192	<b>Axle N° 4 brake air pressure switch</b>
8207	<b>AdBlue dosing solenoid valve control</b>
8208	<b>AdBlue dosing solenoid valve earth</b>
8209	<b>Exhaust gases temperature sensor earth</b>
8210	<b>Exhaust gases temperature sensor power supply</b>
8211	<b>AdBlue tank temperature sensor signal</b>
8212	<b>Exhaust gases temperature after catalytic converter sensor power supply</b>
8213	<b>AdBlue tank level sensor signal</b>
8214	<b>Exhaust gases temperature after catalytic converter sensor earth</b>
8215	<b>Engine cooling circuit by-pass solenoid valve power supply (+)</b>
8216	<b>Engine cooling circuit by-pass solenoid valve power supply (-)</b>
8217	<b>Diagnostic pressure sensor N° 1 information</b>
8218	<b>Diagnostic pressure sensor N° 2 information</b>
8219	<b>Diagnostic pressure sensor N° 3 information</b>
8220	<b>Diagnostic pressure sensor N° 4 information</b>
8221	<b>Gear selector position sensor information</b>

8222	<b>Gear selector position sensor information</b>
8223	<b>Gear selector position sensor information</b>
8224	<b>Gear selector position sensor information</b>
8225	<b>Gear selector position sensor information</b>
8226	<b>60 tonnes safety electrovalve power supply</b>
8227	<b>Forbidden reversing inhibition control</b>
8228	<b>Electric winch winding electrovalve power supply (+)</b>
8229	<b>Electric winch winding electrovalve power supply (+)</b>
8240	<b>Electric parking brake 2-function electrovalve terminal N° 1 power supply</b>
8241	<b>Electric parking brake 2-function electrovalve terminal N° 2 power supply</b>
8242	<b>Trailer test electrovalve power supply (-)</b>
8243	<b>Trailer test electrovalve power supply (+)</b>
8244	<b>Parking brake holding electrovalve power supply (+)</b>
8245	<b>Parking brake holding electrovalve power supply (-)</b>

# Group 9 - Free

Polarity N°	Designation
971	Available wire N° 1 - From cab to chassis
972	Available wire N° 2 - From cab to chassis
973	Available wire N° 3 - From cab to chassis
974	Available wire N° 4 - From cab to chassis
975	Available wire N° 5 - From cab to chassis
977	Available wire N° 1 - From dashboard to ledge
978	Available wire N° 2 - From dashboard to ledge
979	Available wire N° 3 - From dashboard to ledge
980	Available wire N° 4 - From dashboard to ledge
981	Available wire N° 5 - From dashboard to ledge
982	Available wire N° 6 - From dashboard to ledge
983	Available wire N° 7 - From dashboard to ledge