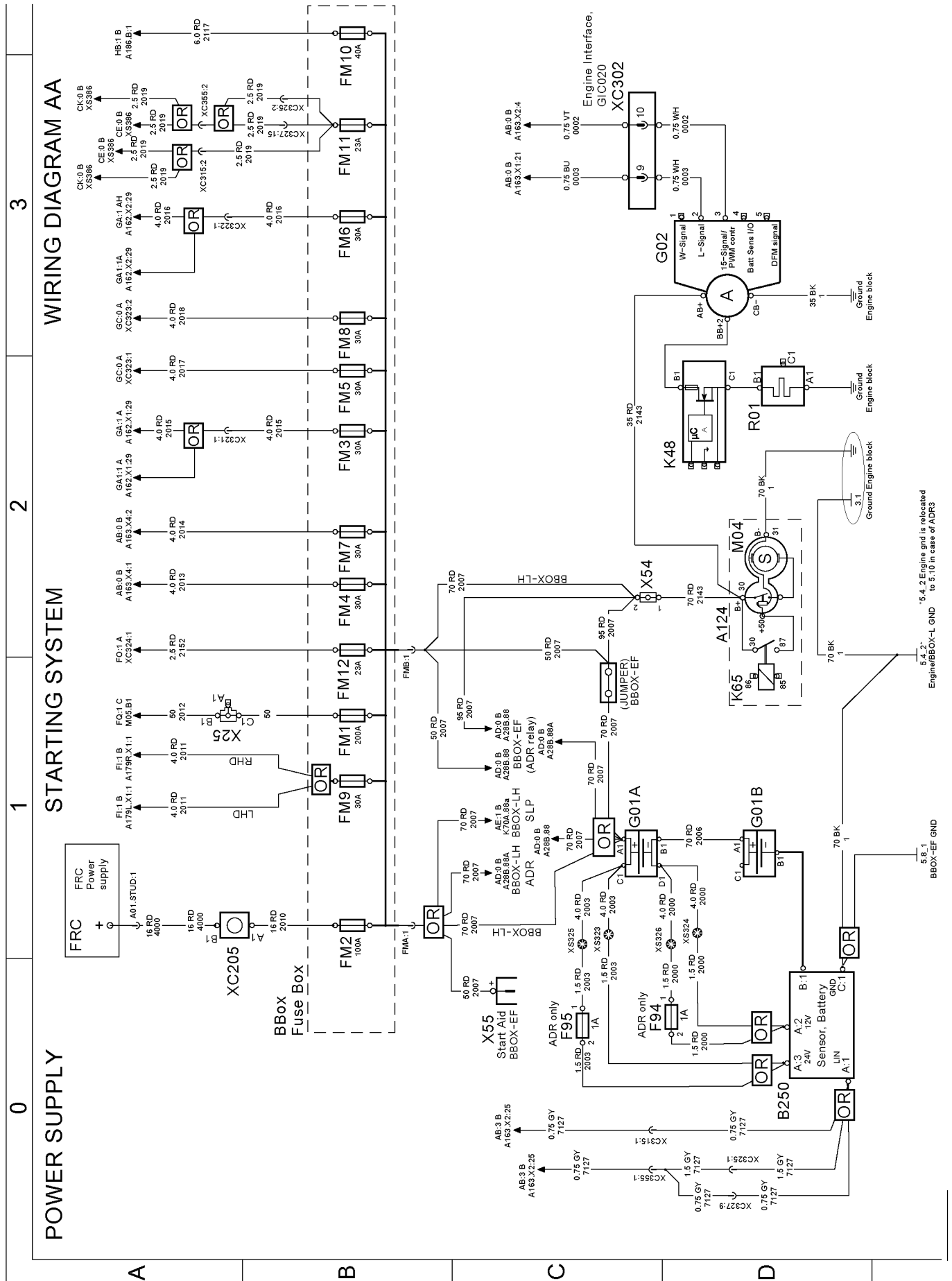
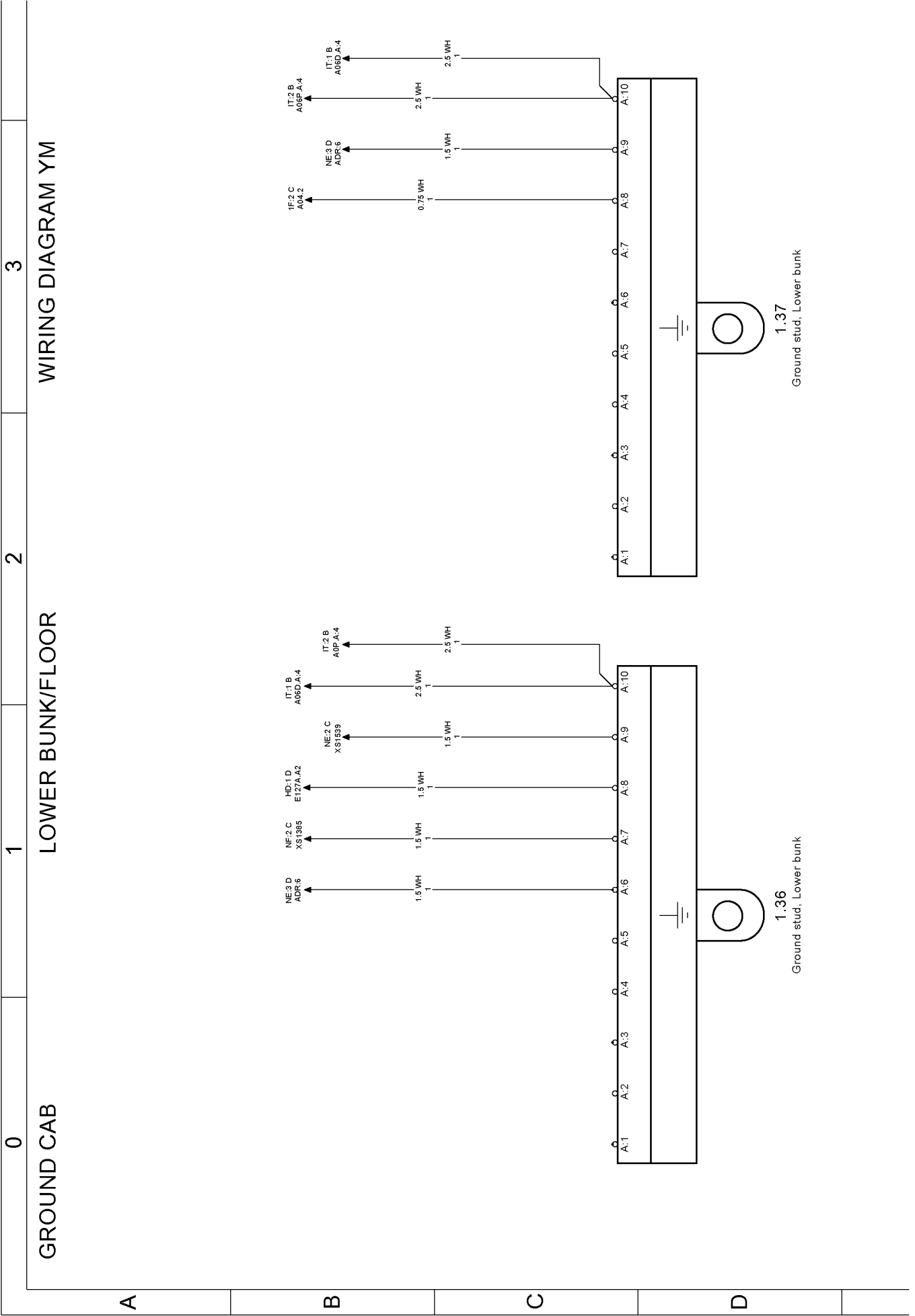


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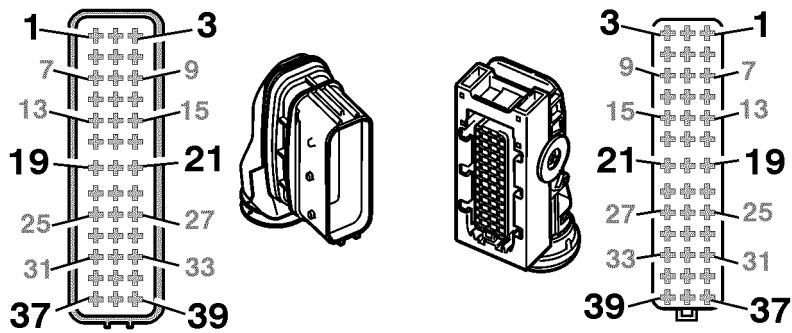
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Component wiring diagrams





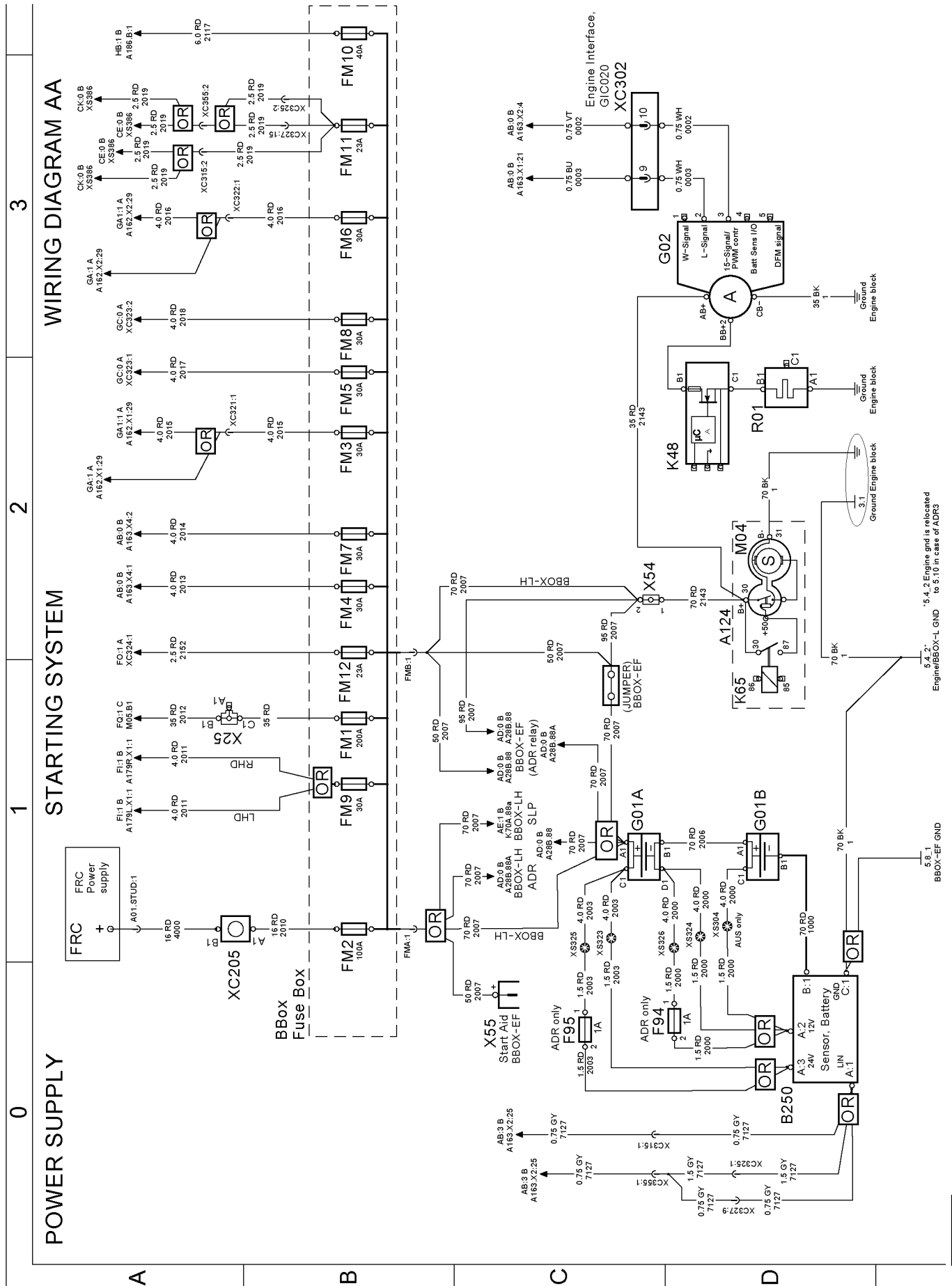
XC303 (GIC021)

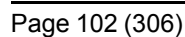


T3019924

Pin no:	Circuit function	Wiring no:	Diagram
1	Backbone 1 high	7004	DC:1 C
2	Backbone 2 high	7006	DC:2 C
3	PWT subnet high	7036	DC:2 C
4	Backbone 1 low	7005	DC:1 C
5	Backbone 2 low	7007	DC:2 C
6	PWT subnet low	7037	DC:3 C
7	Electronic ground	1070	BC:2 D
8	Backbone 2 high	7006	DC:2 C
9	Area inhibit valve on/off	0053	DA:1 C
10	Backbone 2 low	7007	DC:2 C
11	Gearbox oil temp sensor	0047	DA:0 C
12	Retarder air pressure	0044	DK:1 D/DM:2 D
13	TECU power supply	2024	DC:1 C
15	V5EXT 1 supply	2050	DK:1 D
15	V5EXT 2 supply	2051	DM:1 D
16	Digital signal IO	2032	BC:2 D
17	Range inhibit valve on/off	0052	DA:1 C
19	Revers feedback sensor	0050	DA:2 C
20	Gearbox low split sensor	0049	DA:2 C
21	V5EXT 1 ground	1009	DK:3 D/DM:2 D
22	Low range manual gearbox switch	0051	DA:2 C
23	Retarder PWM control	0043	DK:1 D/DM:1 D
24	Speed signal real time	0012	BC:2 D
26	Tachograph speedometer supply	2031	BC:1 D
27	V5EXT 2 ground	1010	DK:2 D/DM:2 D
28	Retarder oil temperature	0045	DK:2 D/DM:2 D
29	Retarder water temperature	0046	DK:2 D/DM:2 D
30	PWT subnet terminal resistor strap	7040	DC:2 C
31	Ground	1	DA:1 C
31	Manual Gearbox sensors & valves ground	1073	DA:1 C
33	Gearbox oil temperature sensor ground	1011	DA:0 C

Component wiring diagrams





A01.CB6

Pin no:	Circuit function	Wiring no:	Diagram
1	BBEC ignition power supply	8027	ND:3 B
2	BBEC main power supply 1	8026	ND:3 B

A01.CB7

Pin no:	Circuit function	Wiring no:	Diagram
8	Cab tilt enable switch	2139	KA:2 B

A01.CB8

Pin no:	Circuit function	Wiring no:	Diagram
6	Parking air, water heater supply	2110	HC:1 A
8	TECU power supply	2024	DC:1 B

A01.CB9

Pin no:	Circuit function	Wiring no:	Diagram
1	Ground	1	YF:1 D

A01.CB10

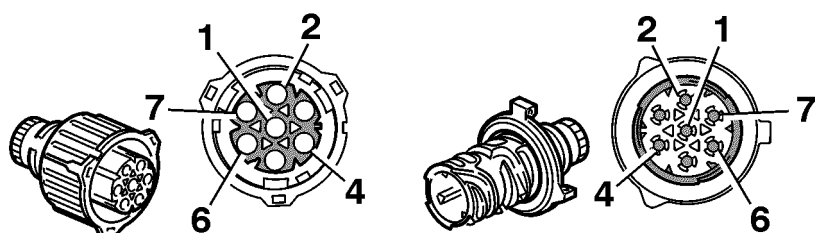
Pin no:	Circuit function	Wiring no:	Diagram
3	12V dashboard output	4162	IG:1 B
4	24V power outlet supply 2	4006	IF:1 B
8	BBM power supply	2130	NA:1 B

A01.CB11

Pin no:	Circuit function	Wiring no:	Diagram
1	Coffe maker supply	4002	IF:3 B

26	Trailer body light EL8 relay supply	8020	GK:2 B
26	5th wheel feedback common ground	1056	NC:1 C

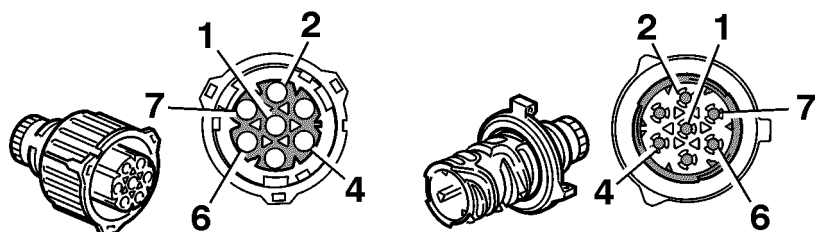
XC318A



T3020295

Pin no:	Circuit function	Wiring no:	Diagram
2	Side reverse working lamp power supply	8060	NE:1 B
3	Cab body working lamp power supply	8061	NE:3 B
4	5th wheel load light	8068	NC:3 C
5	Ground	1	NE:1 D
6	Ground	1	NE:4 B
7	Ground	1	NC:3 D

XC318B



T3020295

Pin no:	Circuit function	Wiring no:	Diagram
2	Side reverse working lamp power supply	8060	NE:1 B
3	Cab body working lamp power supply	8061	NE:3 B
4	5th wheel load light	8068	NC:3 C
5	Ground	1	NE:1 D
6	Ground	1	NE:4 B
7	Ground	1	NC:3 C

KEY SWITCH

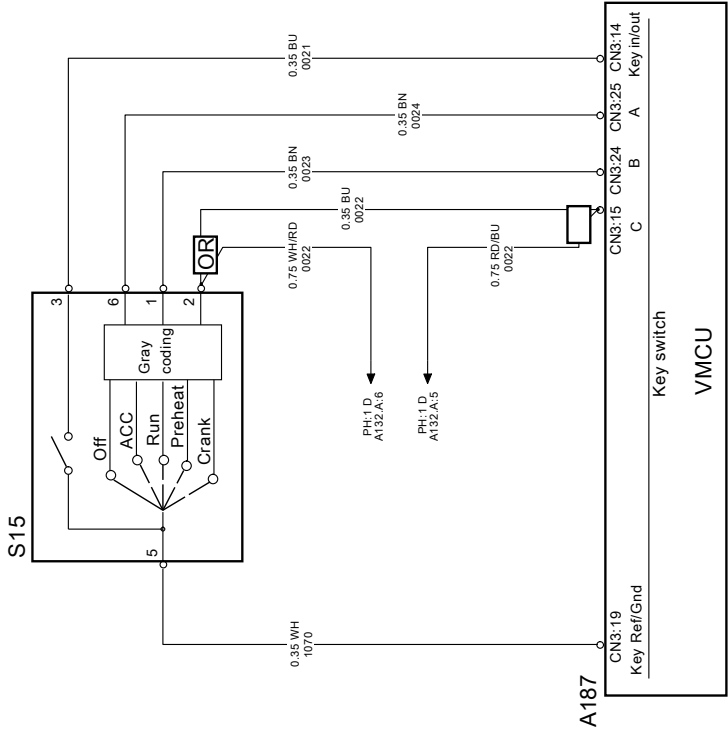
WIRING DIAGRAM AF

A

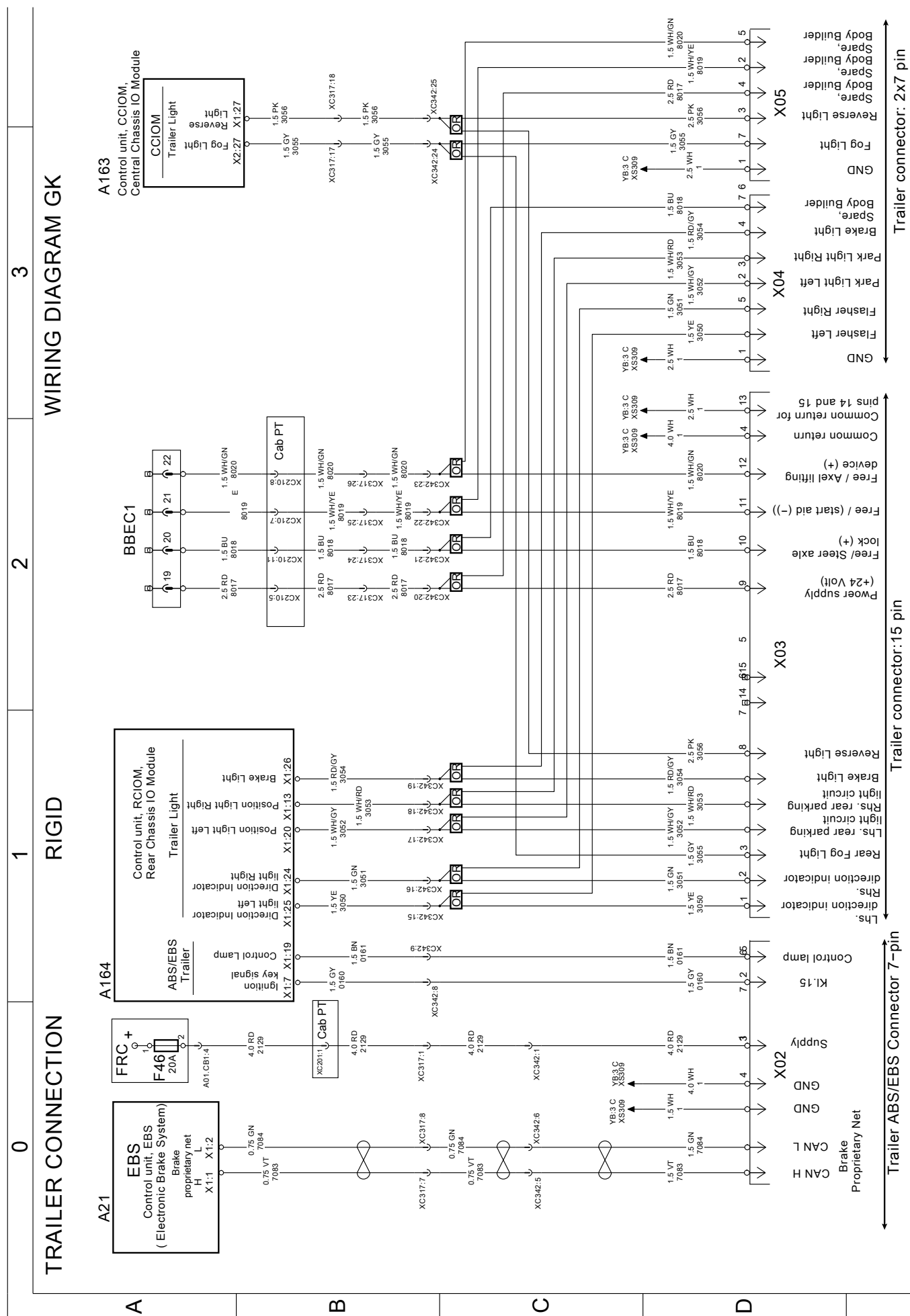
B

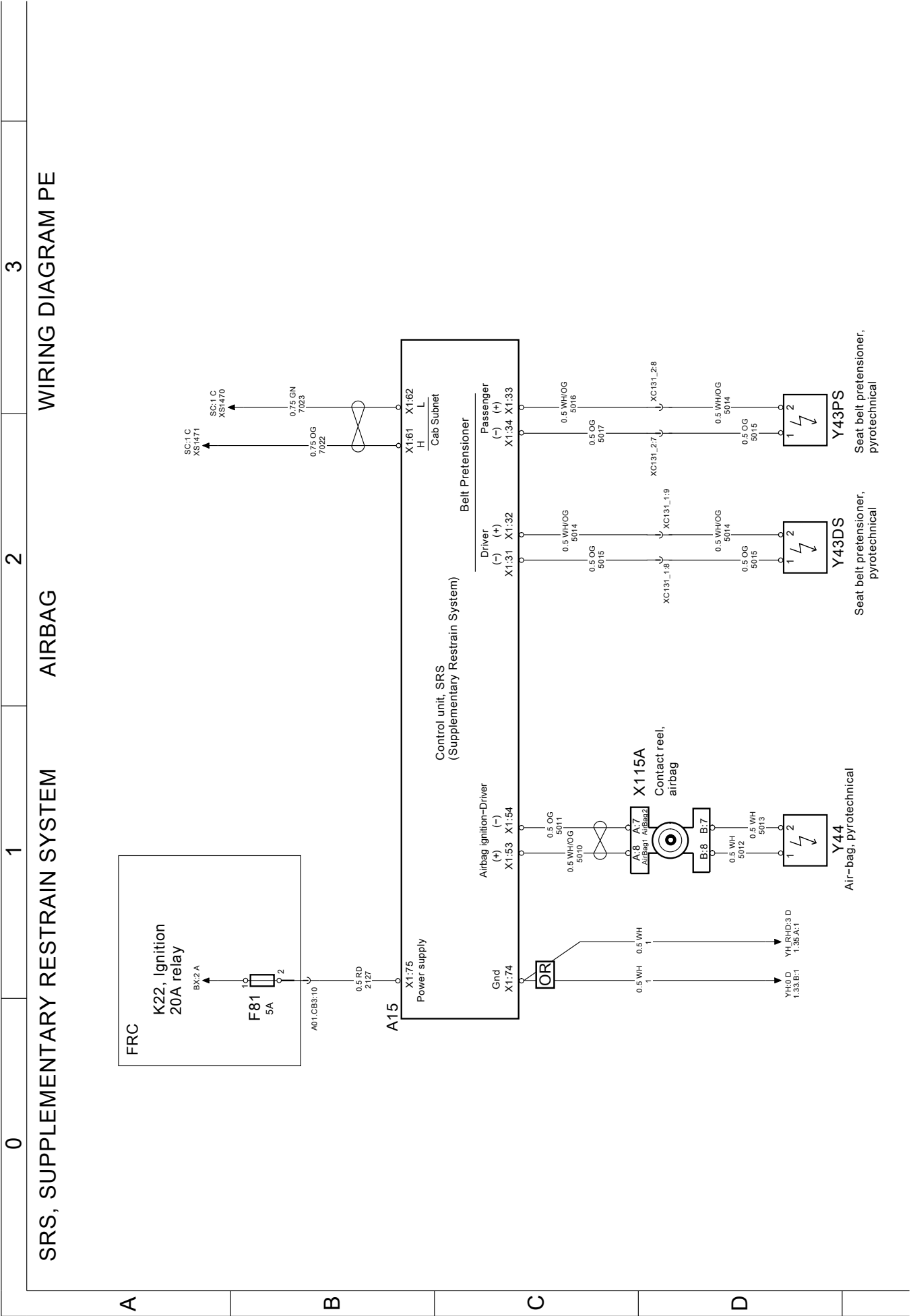
C

D





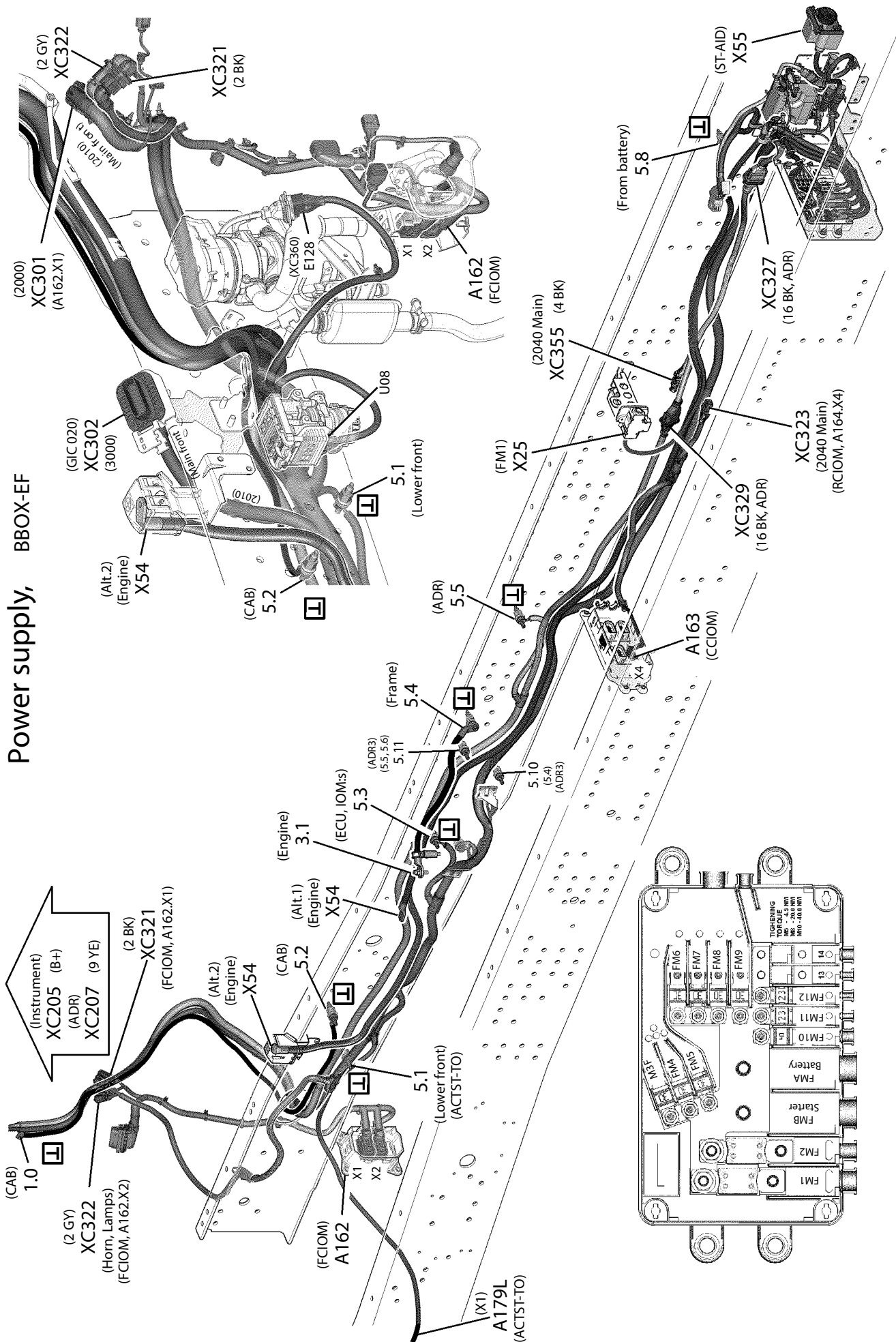




Power supply, BBOX-EF

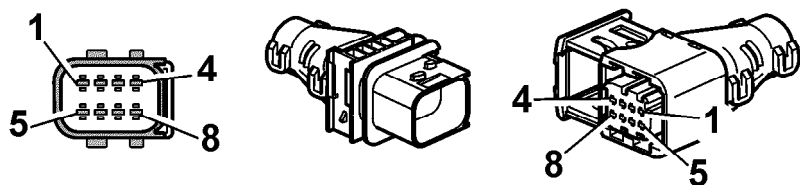
The diagram illustrates the electrical wiring for the power supply system. Key components and labels include:

- (CAB) 1.0**: Main power source connection.
- (Instrument)**: XC205 (B+), XC207 (9 YE).
- (2 GY)**: XC322 (Horn, Lamps).
- (Alt.2) (Engine)**: X54.
- (CAB)**: 5.2.
- (ECU, IOM-s)**: 3.1.
- (ADR3) (5.3, 5.6)**: 5.11.
- (Frame)**: 5.4.
- (Lower front) (ACTST-TO)**: 5.1.
- (FCIOM)**: A162.
- (X1, X2)**: Connections at the bottom left.
- (Main front)**: XC301 (2000), XC322 (2 GY).
- (Alt.2) (Engine)**: X54.
- (CAB)**: 5.2.
- (ECU, IOM-s)**: 3.1.
- (ADR3) (5.3, 5.6)**: 5.11.
- (Frame)**: 5.4.
- (Lower front) (ACTST-TO)**: 5.1.
- (FCIOM)**: A162.
- (X1, X2)**: Connections at the bottom right.
- (Main front)**: XC301 (2000), XC322 (2 GY).
- (Alt.2) (Engine)**: X54.
- (CAB)**: 5.2.
- (ECU, IOM-s)**: 3.1.
- (ADR3) (5.3, 5.6)**: 5.11.
- (Frame)**: 5.4.
- (Lower front) (ACTST-TO)**: 5.1.
- (FCIOM)**: A162.
- (X1, X2)**: Connections at the bottom right.
- (Main front)**: XC301 (2000), XC322 (2 GY).
- (Alt.2) (Engine)**: X54.
- (CAB)**: 5.2.
- (ECU, IOM-s)**: 3.1.
- (ADR3) (5.3, 5.6)**: 5.11.
- (Frame)**: 5.4.
- (Lower front) (ACTST-TO)**: 5.1.
- (FCIOM)**: A162.
- (X1, X2)**: Connections at the bottom right.



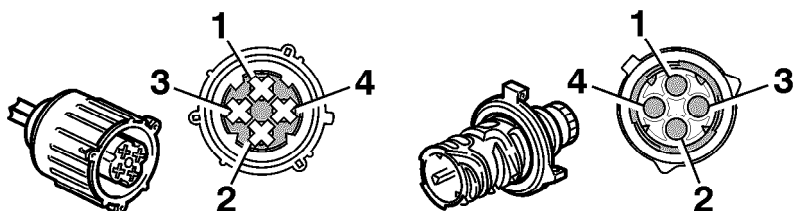
35	Actuator supply-1	2052	DK:1 D
35	Supply to Adblue loads	2155	DM:1 D
36	PWT subnet terminal resistor strap	7040	DC:3 C
38	Neutral feedback sensor	0048	DC:1 C
39	Ground	1	DC:0 C

XC310



T3071145

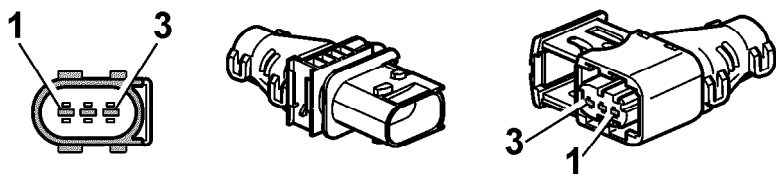
Alternative connector



T3019922

Pin no:	Circuit function	Wiring no:	Diagram
1	ECS level sensor supply 2	2081	FA:2 C
2	ECS level sensor ground 2	0121	FA:2 C
3	ECS Front Level sensor signal 2	0235	FA:2 C
4	ECS level sensor signal 1	0181	FA:2 C
5	ECS pressure sensor supply 1	2080	FA:1 C
6	ECS pressure sensor ground 1	1036	FA:1 C
8	ECS Front Pressure sensor signal 2	0234	FA:1 C

XC311



T3071121

Pin no:	Circuit function	Wiring no:	Diagram
1	Front wheel diff lock switch	0058	DG:2 B
3	Manual Gearbox sensors & valves gnd	1073	DG:2 D