

Volvo FM fuse box diagrams

Main fuses

The main fuses are located in the main fuse box inside the battery box on the chassis.

Fuse	Ampere rating [A]	Use
1	125	Preheating
2	200	Hydraulic bogie lift / Superstructure
3	125	Cab
4	40	Secondary lighting supply

In relay and fuse box

The fuses in the electrical distributor unit are of the blade fuse type, two different types are used.

Blade fuses

Fuse	Use	Fuse rating [A]
F1	TPM	10
F2	Lighting, cargo area	10
F3	Loading lamp, fifth-wheel lighting	10

F4	Electrically adjustable seat, cab tilt pump, loading and fifthwheel lighting	5
F5	Instrumentation (kl. 30)	5
F6	Air drier	5
F7	Vehicle control unit, electronic immobilizer	5
F8	Instrumentation, TPM	5
F9	Range interlock, area interlock (in gearbox)	5
F10	NOx sensor, road toll	5
F11	Control unit gear shifter	5
F12	Control unit transmission/retarder	10
F13	Windscreen wiper	15
F14	Cigarette lighter, lamp storage compartment, centre section	10
F15	Water separator, fuel filter heater, water drain valve	10
F16	Differential lock, power take-off	5
F17	Control unit external lighting	5
F18	Horn, solenoid valve for compressed air horn	10

F19	Climate unit, FMS gateway	5
F20	Central locking, parking heater	10
F21	Fan, climate unit	15
F22	Courtesy light	10
F23	Air suspension	5
F24	Air drier, parking heater ADR, electrically heated rear view mirrors	10
F25	Power supply, ABS/EBS trailer	20
F26	Bodywork fuse box	30
F27	Electric window lift left side, electrically heated rear view mirrors	20
F28	ABS/EBS	20
F29	Coffee maker	30
F30	Electric window lift right side	20
F31	Main fuse for fuses 95–97	20
F32	Climate unit	20
F33	Electric cab tilting	30

F34	Amplifier	30
F35	Electrically adjustable seat	20
F36	Circuit for reversing lights, trailer	15
F37	Telephone, Dynafleet	5
F38	Entry lamps	5
F39	Electrically adjustable rear view mirrors	5
F40	Engine control unit	15
F41	Solenoid valves on engine, electric fuel pump	10
F42	Pre-heating relay engine, electrically controlled cooling fan	5
F43	Body builder control unit BBM	5
F44	Voltage converter for radio/12 V outlet	15
F45	Voltage converter for 12 V outlet	15
F46	Rotating beacon	15
F47	ACC	5
F48	ABS/EBS, switch EBS	5

F49	Air suspension/A-ride	3
F50	Phone	5
F51	Hydraulically steered axle	5
F52	Air intake heating, relief relay radio position	10
F53	Illuminated sign on roof	10
F54	Dynafleet, FMS gateway	10
F55	Airbag, seat belt tensioner	5
F56	Free	5
F57	Control unit gear shifter/Retarder	3
F58	D+ short circuit relay, only ADR	5
F59	Reversing camera, Dynafleet	5
F60	Hydraulically steered axle	5
F61	Theft alarm, Volvo link (SAM), Folding rear view mirror arm, Japan	5
F62	Free	15
F63	Alcolock system	10

F64	Toll system	10
F65	Central lubrication system	10
F66	Sun roof	10
F67	Bunk lamps, reading lamps	10
F68	Refrigerator	10
F69	12 Volt outlet	10
F70	ABS/EBS, trailer (kl. 15)	5
F71	Extra equipment	10
F72	Level adjustment system, headlamps	5
F73	Hydraulically steered axle	5
F74	Headlamp washer (high pressure)	15
F75	Electrically heated seats	15
F76	ADR D+ short circuit relay, Fan instrument panel	5
F77	24 V Power outlet, instrument panel	10
F78	24 V Power outlet, beside bun	10

F79	12 V for TV	10
F95	Central locking	10
F96	Burglar alarm	5
F97	Parking heater	15

LCM fuses

Fuse	Use	Ampere rating [A]
1	Direction Indicator lights trailer, Brake Lights and Headlight dipped beam, right side, Reversing Lights, Parking Lights rear	25
2	Headlight main beam left side, Fog Lights, Warning light, Warning signal	25
3	Brake Lights trailer and Direction Indicator lights rear, left side, Headlight main beam right side	25
4	Parking Lights trailer and Direction Indicator lights rear, right side, Brake Light left side	25
5	Reverse Lights trailer, Parking Lights front right side, Headlight dipped beam and Direction Indicator lights trailer, left side	25
6	Parking Lights trailer and Parking Lights front, left side, Direction Indicator lights front	25

Fuses in the battery box

Fuse	Use	Ampere rating [A]
1	Tachograph	5
2	Main fuses F95–F97	20
3	AdBlue system	20

To superstructure

56 X. Fuses for superstructure

Fuse	Use	Ampere rating [A]
1	Kl.30, B+	15
2	Kl.30, B+	15
3	Kl.15, driving position	15
4	Kl.15, driving position	15
5	Kl.61, alternator	10
6	Free	10

56 P. Fuses for superstructure (options)

Fuse	Use	Ampere rating [A]
1	Kl.30, B+	15

2	Kl.30, B+	15
3	Kl.30, B+	15
4	Kl.30, B+	15
5	Free	10
6	Free	10

Relays for bodywork, in front of passenger seat

Location	Function
37	Parking lights
38	Pressure selection, dumper trailer
39	Free, for body builder
40	Free, for body builder
41	Free, for body builder
42	Spotlights
43	External engine start
44	Reversing light

45	Brake application (reverse lock)
46	Free, for body builder
47	Free, for body builder