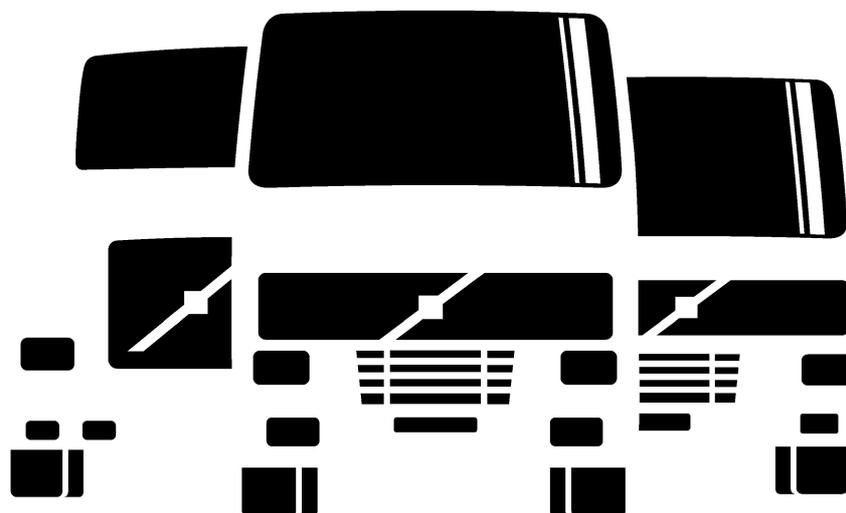


Service Manual Trucks

Group **37**
Release **01**

Wiring diagram
FM9, FM12, FH12, FH16, NH12 VERSION2
FM, FH CHID A572084-
FM, FH CHID B351630-



Foreword

The descriptions and service procedures contained in this manual are based on designs and methods studies carried out up to August 03.

The products are under continuous development. Vehicles and components produced after the above date may therefore have different specifications and repair methods. When this is judged to have a significant bearing on this manual, supplementary service bulletins will be issued to cover the changes.

The new edition of this manual will update the changes.

In service procedures where the title incorporates an operation number, this is a reference to V.S.T. (Volvo Standard Times).

Service procedures which do not include an operation number in the title are for general information and no reference is made to V.S.T.

The following levels of observations, cautions and warnings are used in this Service Documentation:

Note: Indicates a procedure, practice, or condition that must be followed in order to have the vehicle or component function in the manner intended.

Caution: Indicates an unsafe practice where damage to the product could occur.

Warning: Indicates an unsafe practice where personal injury or severe damage to the product could occur.

Danger: Indicates an unsafe practice where serious personal injury or death could occur.

Volvo Truck Corporation
Göteborg, Sweden

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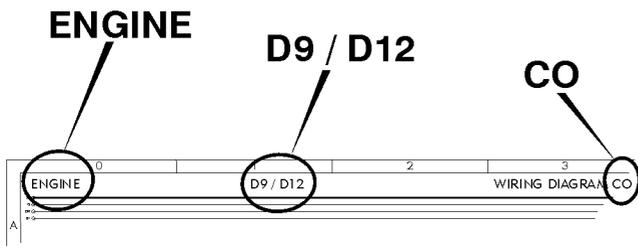
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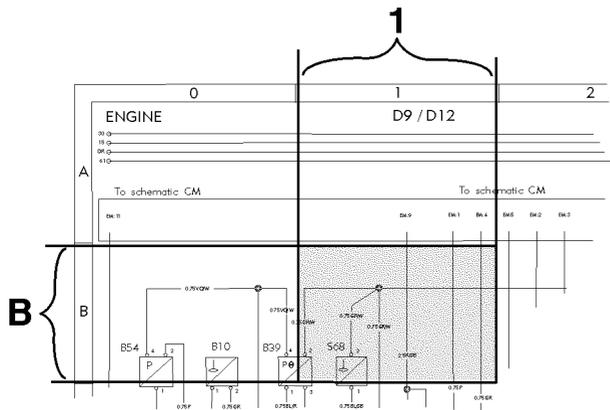
Contents

Example of wiring diagram	2
Component wiring diagram index	5
Component wiring diagrams	7
Illustrations index	81
Illustrations	82
Fuses	155
Relays	157
Wiring harness illustration index	159
Earth connections	162
List of earth connections	164
List of connectors	165
List of components	172
Abbreviations	178
Cable colour code	179
Feedback	

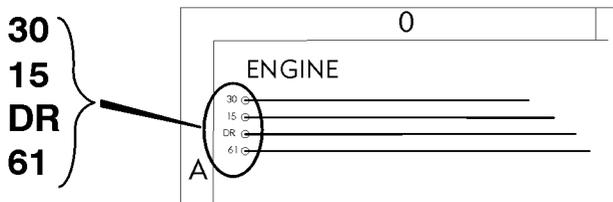
Example of wiring diagram



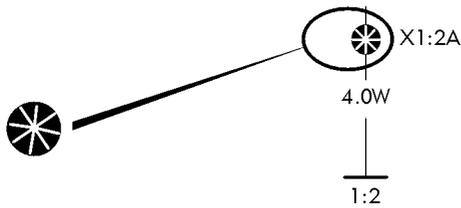
Component wiring diagram title, variant/subtitle and symbol.



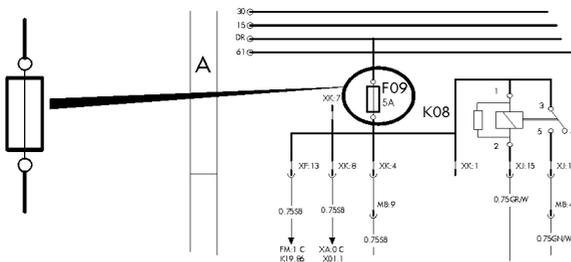
Coordinates (B 1).



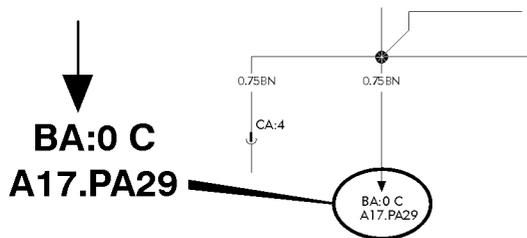
30 Voltage battery, kl.30.
 15 Voltage with starter key in drive position, kl.15.
 DR Voltage with starter key in drive position, preheat position and start position, kl.DR.
 61 Voltage when alternator charges, kl.61.



Splice.

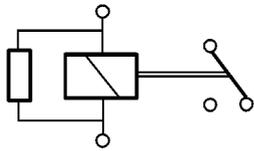
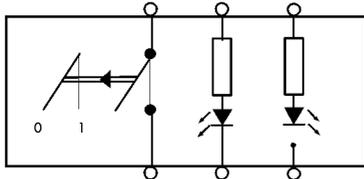
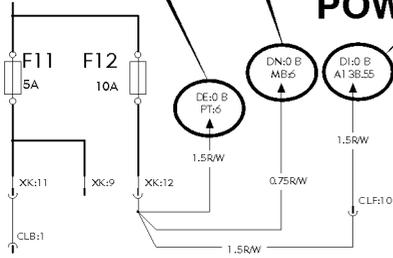


Fuse.



Reference arrow, for diagram BA, coordinates 0 C, component A17, connector PA pin 29.

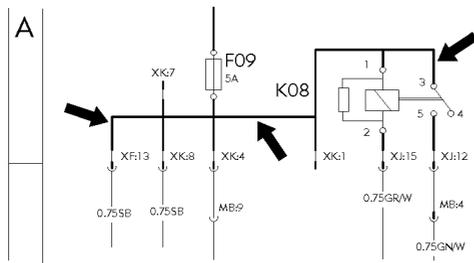
GEARTRONIC
I-SHIFT
POWERTRONIC



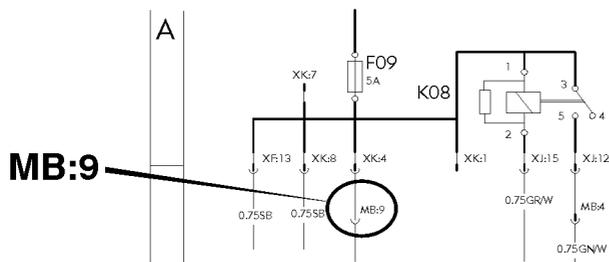
The maximum of variants are drawn, think about that all wires and components are not standard for all markets or vehicle models.

Switch.

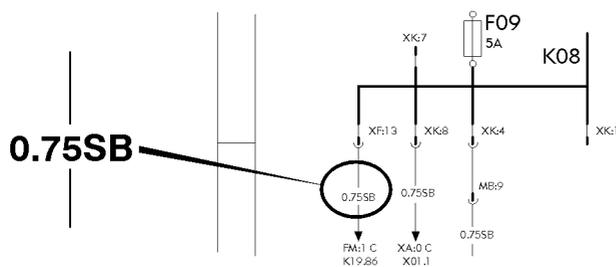
Relay.



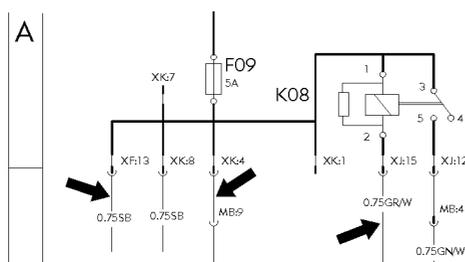
Conductor on circuit card.



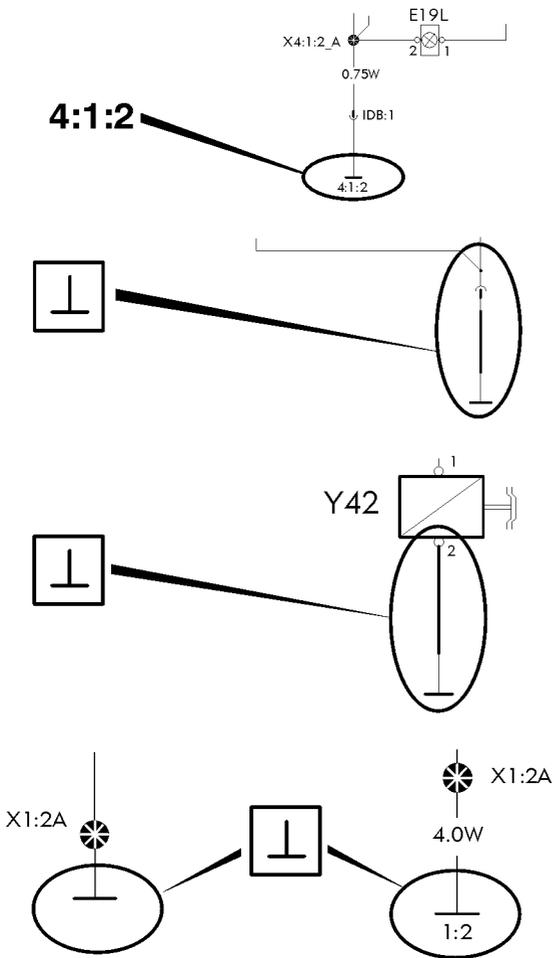
Connector MB terminal 9.



Wire area and colour.



Thin lines, wires.



Earth connection point 4, earth connection 1 and wire 2.

Earth connection to circuit card.

Earth connection without wire.

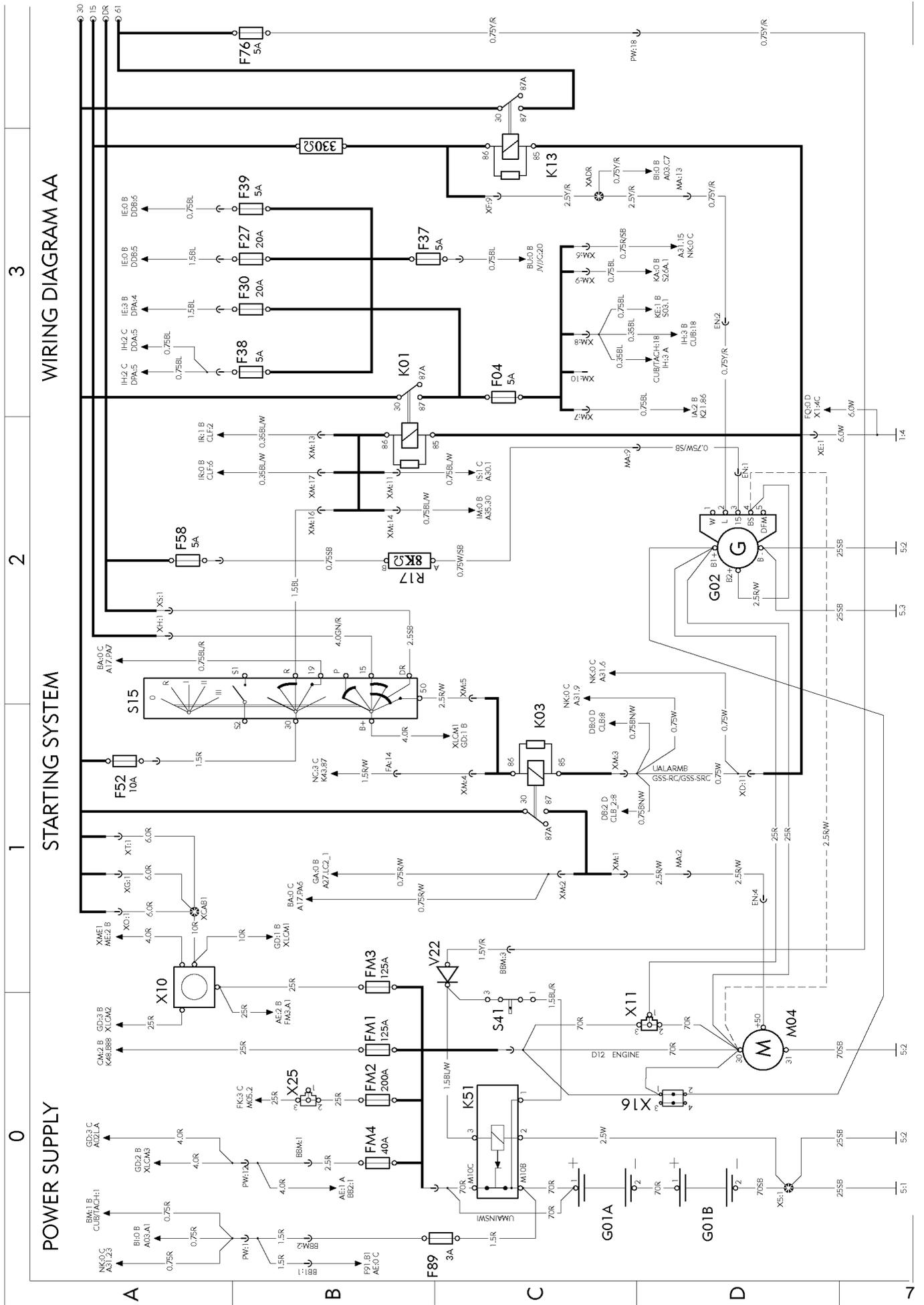
Same splice can be drawn on several diagrams. The wire from the splice to the earth connection point will only be drawn and coded on one diagram. On the other diagrams will only the earth connection point be written besides the splice.

Component wiring diagram index

AA	Power supply, starting system	page 7
AE	ADR, main switch	page 8
BA	Vehicle ECU	page 9
BE	ACC Adaptive cruise control	page 10
BI	Instrument cluster	page 11
BM	Tachograph in dash	page 12
BN	Tachograph in shelf	page 13
BU	Dynafleet	page 14
BX	FMS Gateway	page 15
CM	Engine interface	page 16
CO	Engine D9/D12 (D12 earlier design ≈ week 50 2003 ⇐)	page 17
	Engine D12 (later design ≈ week 51 2003 ⇒)	page 18
	Engine D16	page 19
CP	ISX functions, 12V trailer ABS converter (AUS only)	page 20
CS	Engine ISX (AUS only)	page 21
CU	Fuel filter water drain	page 22
DB	Gear selector ECU	page 23
DE	Geartronic automatic gearshift	page 24
DI	Powertronic	page 25
DM	Retarder manual gearshift	page 26
DN	I-shift	page 27
DQ	Power take off	page 28
DU	Diff-lock	page 29
EC	Trailer ABS/EBS supply	page 30
EE	ABS basic, D-version	page 31
EI	ABS/ASR D-version	page 32
EO	EBS ECU	page 33
EP	EBS modulators	page 34
EQ	ESP	page 35
FA	Air-suspension	page 36
FG	Load indikator	page 37
FK	Bogie lift A-ride	page 38
FM	Axle lock, self steered axle	page 39
FP	Hydraulic steered axle	page 40
FQ	Air dryer	page 41
FU	Central lubrication system	page 42
GA	LCM head lights	page 43

GB	LCM trailer, HL-HID	page 44
GC	LCM rear lights	page 45
GD	LCM Fusebox	page 46
GK	Trailer connections (AUS only)	page 47
GM	Wiper, washer	page 48
GQ	Horn	page 49
GU	Headlights adjust	page 50
HG	Climate unit, CU,-BAS,-MCC,-ECC	page 51
HI	Air heater	page 52
HM	Water heater	page 53
HP	Short stop cabheater	page 54
HY	Climat unit, CU,-HEAT,-ACMAN,-ACAUT.	page 55
HZ	Air cooler, Brazil	page 56
IA	El. heated/adj. seat	page 57
IE	El. heat/adj. mirrors, El. window winders	page 58
IF	Foldable mirror bracket	page 59
IH	Interior light	page 60
IM	Central locking, immobiliser	page 61
IQ	El. sunroof, cig. lighter, refrigerator	page 62
IR	12V power supply	page 63
IS	SWM, SRS. Air-bag	page 64
IU	Radio	page 65
IX	Intergrated telephone	page 66
IZ	Backup camera	page 67
KA	Cab tilt	page 68
KE	Load light, 5:th wheel lamp	page 69
KI	Light sign	page 70
KM	Beacon warning light	page 71
ME	Extra fuse block, key switch relay	page 72
NA	Body builder (BB), auxsw-6 and swapbody	page 73
NC	Body builder (BB), ELCE-CK, BBM, PTO2	page 74
NI	Extra spotlamps front/roof, max 4x70W	page 75
NK	Burglar alarm	page 76
NR	Body builder (BB), tipper tractor "HYDRKIT"	page 77
NU	Body builder (BB), DUAL-SPEED	page 78
XA	Bus J1708/J1587	page 79
XB	Bus J1939	page 80

Component wiring diagrams



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