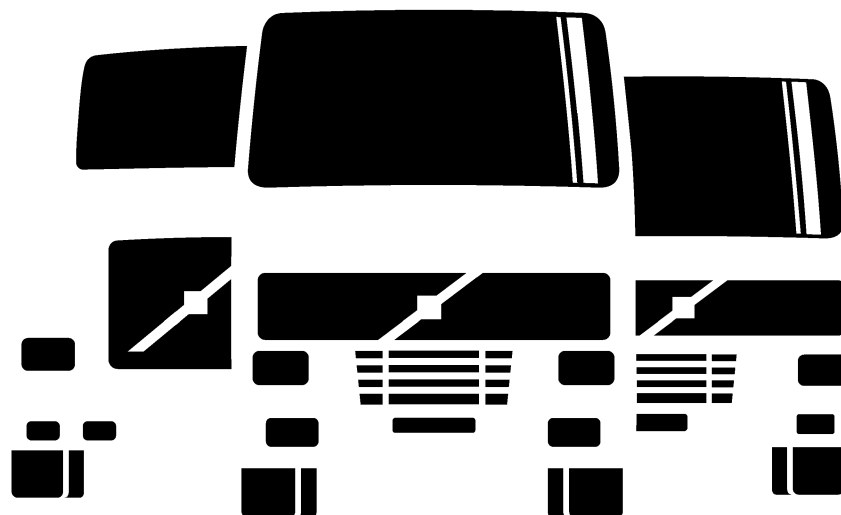


# Service Manual Trucks

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

Wiring diagram  
FM, FH, VERSION2

CHID A652195–  
CHID B486535–  
CHID E735697–  
CHID CKD875563–



# Foreword

The descriptions and service procedures contained in this manual are based on designs and methods studies carried out up to September 07.

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

**Order number: 20177893**

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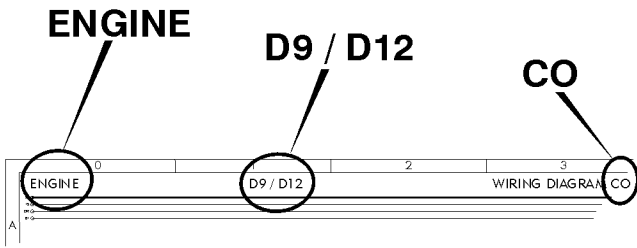
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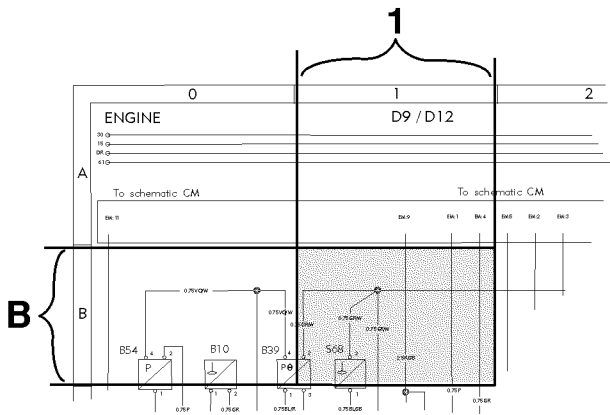
# Contents

<b>Example of wiring diagram</b> .....	2
<b>Component wiring diagram index</b> .....	5
<b>Component wiring diagrams</b> .....	8
<b>Illustrations index</b> .....	111
<b>Illustrations</b> .....	112
<b>Fuses</b> .....	209
<b>Relays</b> .....	211
<b>Wiring harness illustration index</b> .....	213
<b>Ground connections</b> .....	216
List of ground connections .....	218
<b>List of connectors</b> .....	219
<b>List of components</b> .....	229
<b>Abbreviations</b> .....	235
<b>Cable colour code</b> .....	237
<b>Feedback</b>	

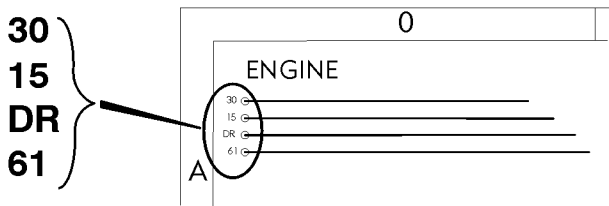
# Example of wiring diagram



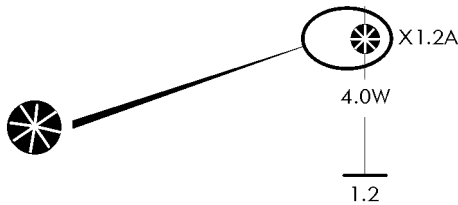
Component wiring diagram title, variant/subtitle and symbol.



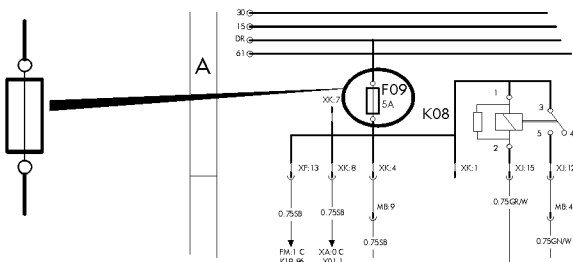
Coordinates (B 1).



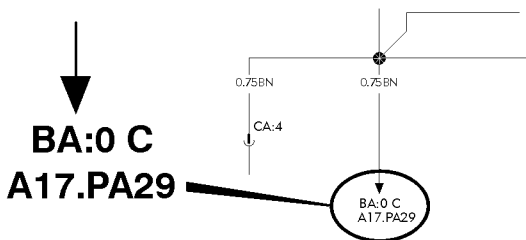
30 Voltage battery, kl.30.  
 15 Voltage with starter key in drive position, kl.15.  
 DR Voltage with starter key in drive position, preheat position and start position, kl.DR.  
 61 Voltage when alternator charges, kl.61.



Splice.

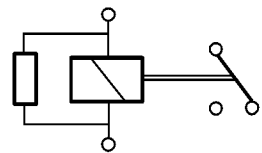
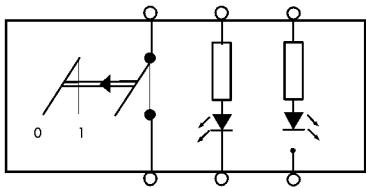
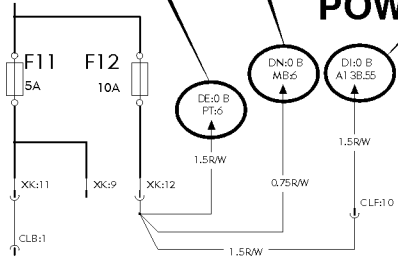


Fuse.



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

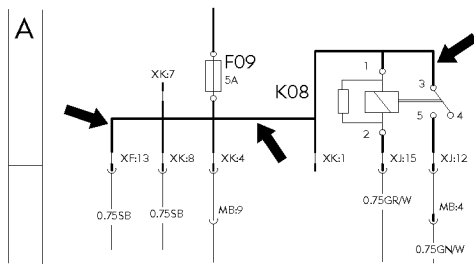
**GEARTRONIC**  
**I-SHIFT**  
**POWERTRONIC**



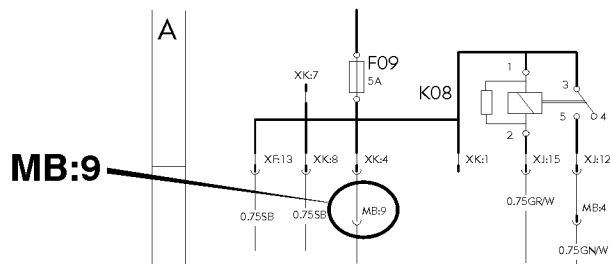
The maximum of variants are drawn, think about that all wires and components are not standard for all markets or vehicle models.

Switch.

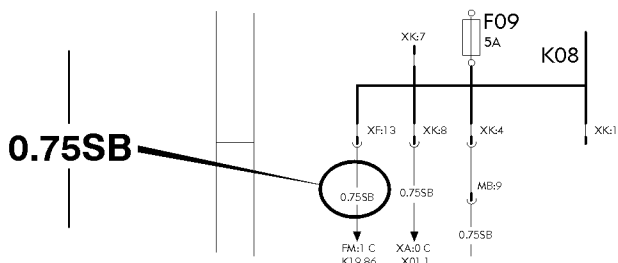
Relay.



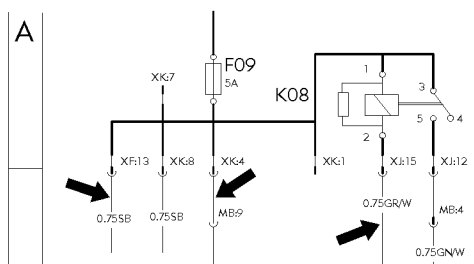
Conductor on circuit card.



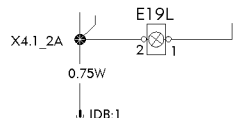
Connector MB terminal 9.



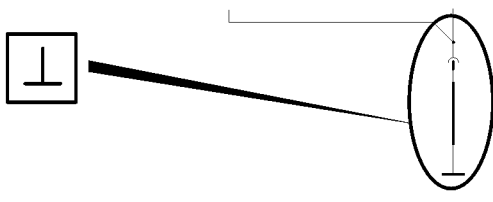
Wire area and colour.



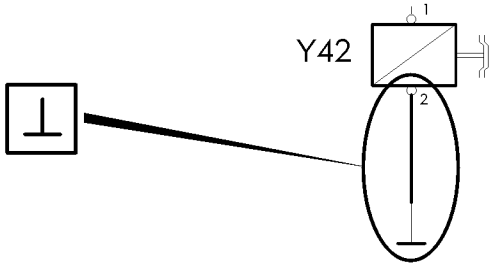
Thin lines, wires.



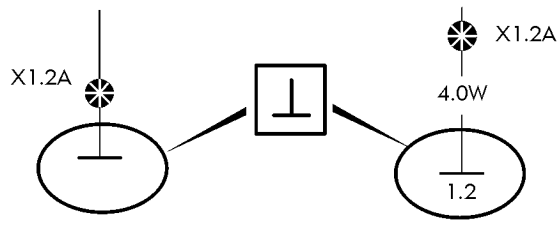
Earth connection point 4, earth connection 1 and wire 2.



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

<b>AA</b>	Power supply, starting system .....	page 9
<b>AB</b>	Main switch .....	page 10
<b>AC</b>	Power distribution .....	page 11
<b>AE</b>	ADR, main switch .....	page 12
<b>BA</b>	Vehicle ECU .....	page 13
<b>BE</b>	Lane keeping system, ACC Adaptive cruise control .....	page 14
<b>BI</b>	Instrument cluster .....	page 15
<b>BM</b>	Tachograph in dash .....	page 16
<b>BN</b>	Tachograph in shelf .....	page 17
<b>BU</b>	Dynafleet TIS-BAS/TIS-MED/TIS-HIGH .....	page 18
<b>BX</b>	FMS Gateway .....	page 19
<b>BY</b>	Volvo link (VERS-SAM) .....	page 20
<b>BZ</b>	Toll collect .....	page 21
<b>BZ RHD</b>	Toll collect .....	page 22
<b>CH</b>	Engine interface D13B, EM-JPN07 .....	page 23
<b>CJ</b>	Engine interface D9B, D13A, D13B, D16C4, D16E .....	page 24
<b>CO</b>	Engine D9B, D13A .....	page 25
	Engine D13B, EGR-C, EM-EC06 .....	page 26
	Engine D13B, EGR-C, EM-EC06 .....	page 27
	Engine D13B, EM-JPN07 .....	page 28
	Engine D13B, EM-JPN07 .....	page 29
	Engine D16C4 .....	page 30
	Engine D16E .....	page 31
<b>CP</b>	12V trailer ABS converter (AUS only) .....	page 32
<b>CV</b>	SCR .....	page 33
<b>DC</b>	Gear selector ECU (I-SHIFT/POWERTRONIC) .....	page 34
<b>DI</b>	Powertronic .....	page 35
<b>DI RHD</b>	Powertronic .....	page 36
<b>DM</b>	Retarder manual gearshift .....	page 37
<b>DP</b>	I-shift AT2412C/AT2512C/ATO2512C .....	page 38
<b>DQ</b>	Power take off .....	page 39
<b>DU</b>	Diff-lock .....	page 40
<b>EE</b>	ABS basic, E-version .....	page 41
<b>EE RHD</b>	ABS basic, E-version .....	page 42
<b>EF</b>	ABS 6x2 VERS-SAM .....	page 43
<b>EO</b>	EBS ECU .....	page 44
<b>EO RHD</b>	EBS ECU .....	page 45

<b>EP</b>	EBS modulators .....	page 46
<b>FA</b>	Air-suspension .....	page 47
<b>FA RHD</b>	Air-suspension .....	page 48
<b>FG</b>	Load indicator .....	page 49
<b>FI</b>	Bogie lift A-ride .....	page 50
<b>FK</b>	Bogie lift A-ride with axle load limiter .....	page 51
<b>FM</b>	Axle lock, self steered axle .....	page 52
<b>FO</b>	Electronic steered axle .....	page 53
<b>FP</b>	Dual steered front axle .....	page 54
<b>FQ</b>	Air dryer .....	page 55
<b>FU</b>	Central lubrication system .....	page 56
<b>GA</b>	LCM head lights .....	page 57
<b>GB</b>	LCM trailer .....	page 58
<b>GC</b>	LCM rear lights .....	page 59
<b>GC RHD</b>	LCM rear lights .....	page 60
<b>GE</b>	Rear lights overhang .....	page 61
<b>GF</b>	Rear lights, India/Korea .....	page 62
<b>GG</b>	Trailer connections, RIGID .....	page 63
<b>GH</b>	Trailer connections, TRACTOR .....	page 64
<b>GK</b>	Trailer connections (AUS only) .....	page 65
<b>GL</b>	Identification lamps .....	page 66
<b>GM</b>	Wiper, washer .....	page 67
<b>GQ</b>	Horn .....	page 68
<b>GR</b>	Trailer connections TREL14 .....	page 69
<b>GU</b>	Headlights adjust .....	page 70
<b>HG</b>	Climate unit, CU,-BAS,-MCC,-ECC .....	page 71
<b>HI</b>	Air heater .....	page 72
<b>HM</b>	Water heater .....	page 73
<b>HP</b>	Short stop cab heater .....	page 74
<b>HY</b>	Climat unit, CU,-HEAT,-ACMAN,-ACAUT. ....	page 75
<b>HY RHD</b>	Climat unit, CU,-HEAT,-ACMAN,-ACAUT. ....	page 76
<b>HZ</b>	Air cooler, Brazil .....	page 77
<b>IA</b>	El. heated/adj. seat .....	page 78
<b>IE</b>	El. heat/adj. mirrors, El. window winders .....	page 79
<b>IF</b>	Foldable mirror bracket .....	page 80
<b>IH</b>	Interior light .....	page 81
<b>IJ</b>	Interior light, storage .....	page 82
<b>IK</b>	Alcolock, start prevention system .....	page 83



<b>IM</b>	Central locking, immobiliser .....	page 84
<b>IQ</b>	El. sunroof, cig. lighter, refrigerator .....	page 85
<b>IR</b>	12V power supply .....	page 86
<b>IS</b>	SRS. Air-bag .....	page 87
<b>IU</b>	Radio .....	page 88
<b>IU RHD</b>	Radio .....	page 89
<b>IV</b>	Amplifier .....	page 90
<b>IX</b>	Integrated telephone .....	page 91
<b>IZ</b>	Backup camera .....	page 92
<b>KA</b>	Cab tilt .....	page 93
<b>KE</b>	Load light, 5:th wheel lamp .....	page 94
<b>KI</b>	Light sign .....	page 95
<b>KM</b>	Beacon warning light .....	page 96
<b>ME</b>	Extra fuse block, key switch relay .....	page 97
<b>MF</b>	Extra fuse block, SPDU-S .....	page 98
<b>NA</b>	Body builder (BB), auxsw-6 and swapbody .....	page 99
<b>NB</b>	Body builder (BB), tailprep and swapbody .....	page 100
<b>NC</b>	Body builder (BB), ELCE-CK, BBM, PTO2 .....	page 101
<b>NI</b>	Extra spotlamps front/roof, max 4x70W .....	page 102
<b>NK</b>	Burglar alarm .....	page 103
<b>NU</b>	Body builder (BB), SPEED-DU .....	page 104
<b>NX</b>	Body builder (BB), SPDU-S .....	page 105
<b>OA</b>	Tyre pressure monitoring (TPM) .....	page 106
<b>XA</b>	Bus J1708/J1587 .....	page 107
<b>XB</b>	Bus J1939 .....	page 108
<b>XC</b>	Bus J1939-7, OBD .....	page 109
<b>ZA RHD</b>	Ground/Misc. ....	page 110

# Component wiring diagrams

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