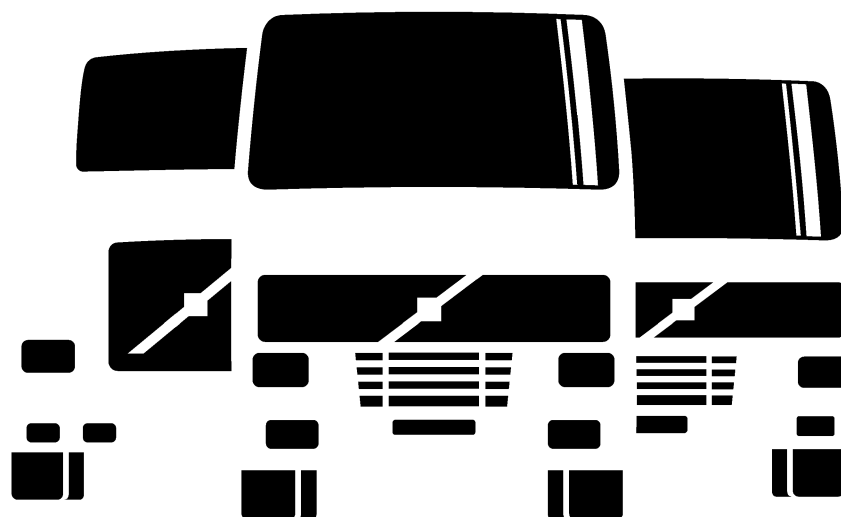


Service Manual Trucks

Group **37**
Wiring diagram
FH12, FH16 LHD



Foreword

The descriptions and service procedures contained in this manual are based on designs and methods studies carried out up to March 95.

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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










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








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






















Component wiring diagram

FH12, FH16 LHD

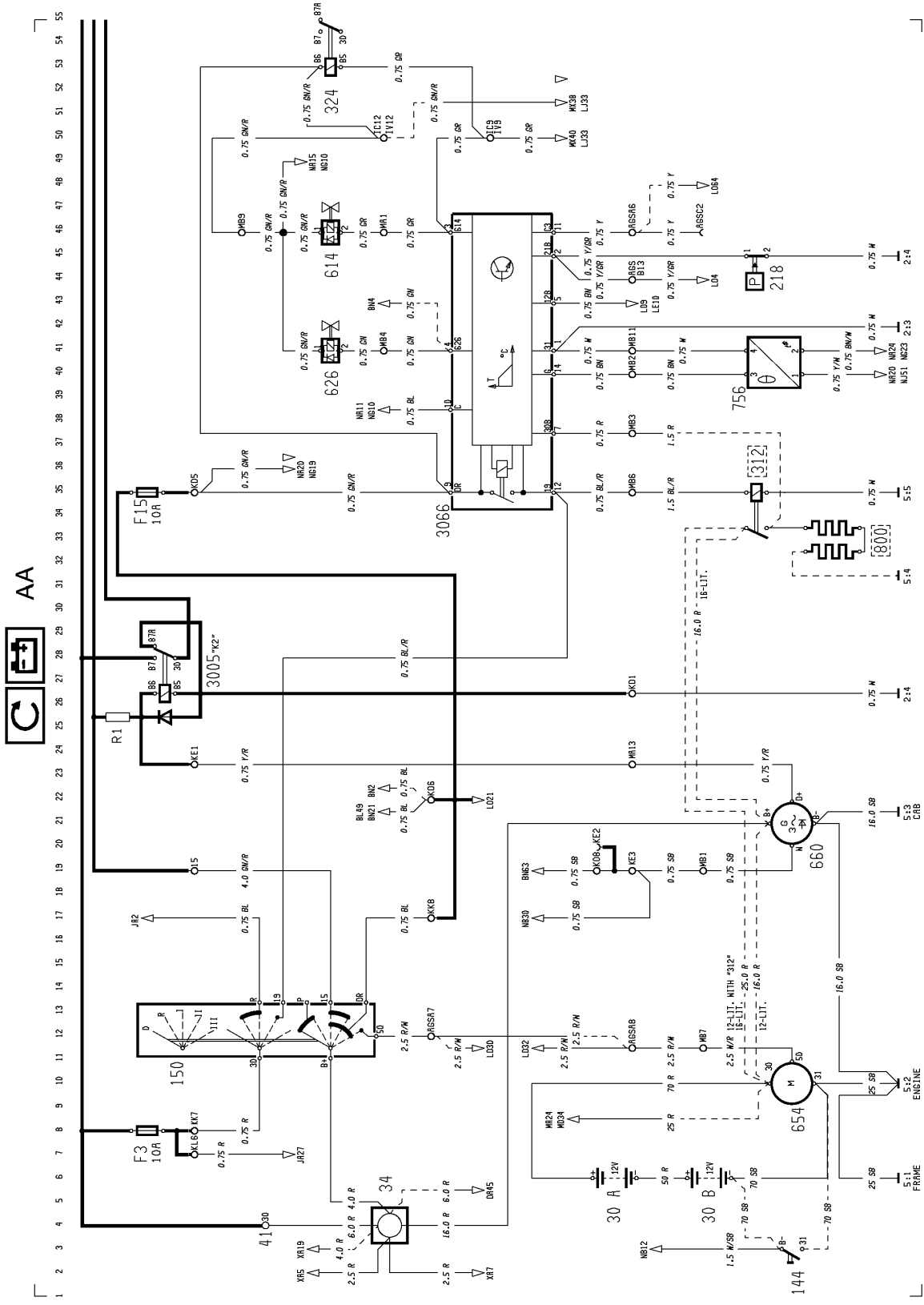
	AA	Starter system, current supply, engine preheating 24 V
 D12A	BL	FH12, UI - unit injector, exhaust brake, exhaust pressure governor
	BN	FH16, EDC - electronically controlled fuel injection, exhaust brake, exhaust pressure governor
	CE	Full beams, dipped beams, parking lights, side marker lights, roof lights and tail lights
	CG	Foglights
	CH	Spotlights
	CK	Brake lights
	CL	Exhaust brake and compression brake
	CN	Direction indicators, hazard warning lights
	EA	Reversing lights
	ED	Loading light, fifth wheel light
	EJ	Roof sign (standard cab)
	EK	Roof sign (high cab)
	ER	Interior lights, instep lights, bunk lights and luggage compartment lights, 24 V socket
	EV	Ashtray light, cigarette lighter
	EX	12 V socket

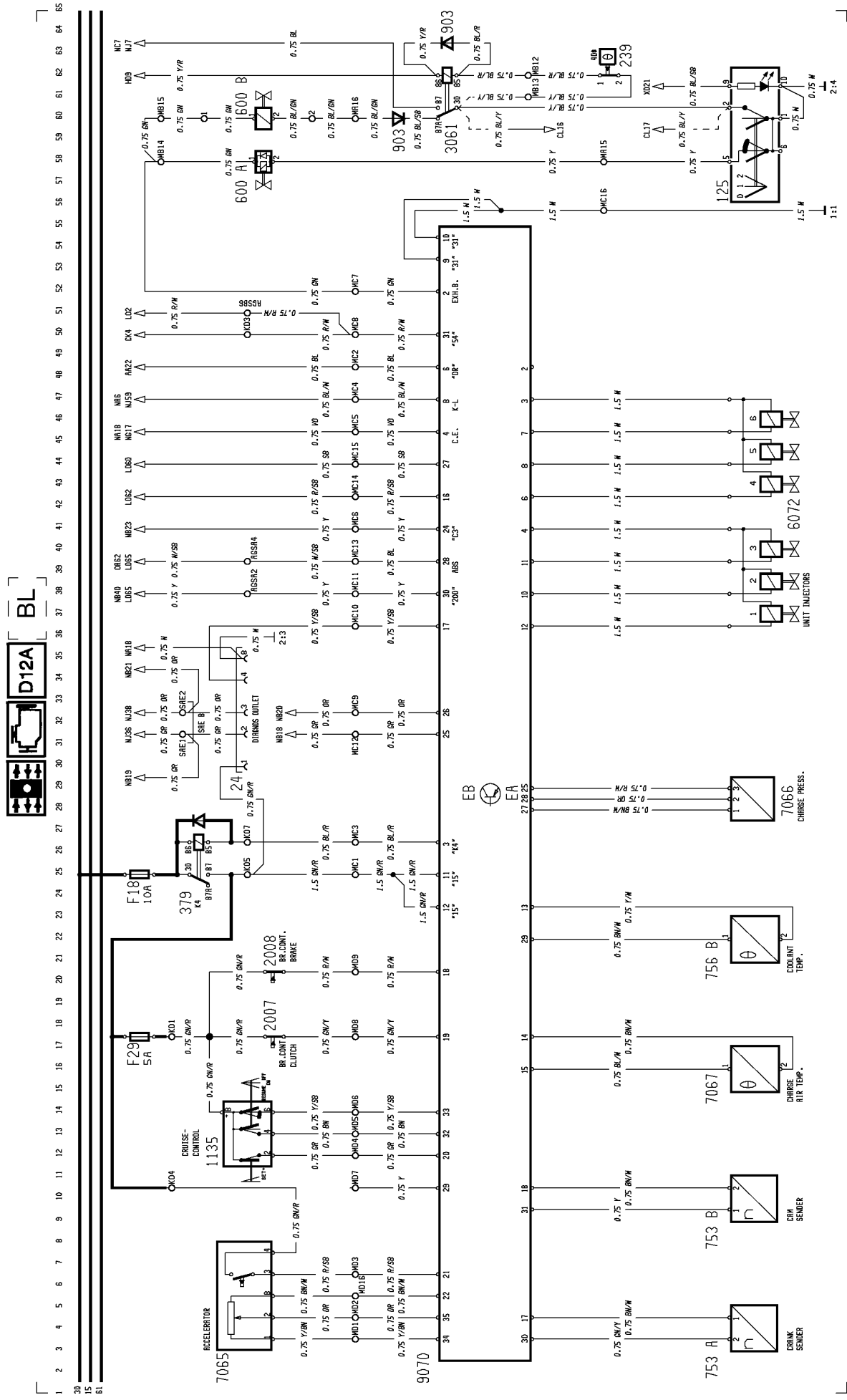
	FA	Horn
	FB	Reverse warner
	GA	Windscreen wipers and washers, headlamp wipers and washers
	HA	Air conditioning
	HB	Cab heater (DL1C)
	HC	Engine/cab heater (DW80)
	HD	Heated seat
	HE	Electrically adjustable seat
	HG	Electrically heated rearview mirror
	HH	Electrically operated rearview mirror
	HK	Air dryer
	HM	Fuel filter heater
	HP	Cab tilt unit
	JA	Radio, voltage converter, loudspeaker, alarm clock/timer
	KA	Electrically operated window winder
	KD	Seat belt
	KG	Electrically operated door lock

 KH	Central lock
 LD	Power take-off
 LE	Double power take-off
  L G	Diff. lock
 LJ	Lock, 3rd axle, bogie lift
 LL	Lock, 3rd axle
GEARTRONIC LO	Geartronic
 MA	Bogie lift (hydraulic)
 MD	Bogie lift (hydraulic), with axle load limiter
 MN	Air suspension 4x2
  MP	Bogie lift, air suspension < 15 tonnes
  6x2 MQ	Air suspension 6x2 < 15 tonnes with time limitation
  MR	Bogie lift, pusher
  MS	Bogie lift, air suspension <15 tonnes

	MV	Drive axle load increase	
	MW	Drive axle load increase with time limitation	
	MX	Bogie press, 6x2 air suspension	
	MY	Bogie load, 6x4 air suspension with time limitation	
		NA Left-hand unit in instrument panel (standard design)	
		NB Central unit in instrument panel	
		NC Right-hand unit in instrument panel (standard design)	
	NG	Left-hand unit in instrument panel (Driver Information System — DIS)	
			NJ Combination instrument (Driver Information System — DIS)
		OA Anti-lock brakes (ABS), 4-channel	
	PA	Level control, headlights	
	XA	Extra fuses	
	XD	Connection of extra switch, rheostat	
	ZA	Earth connections	
	ZD	ADR (battery master switch, current limiter, emergency stop)	
		ZE ADR cab heater (DL1C)	

Component wiring diagrams





EDC [BN]

