

Service Manual Trucks

Group 37

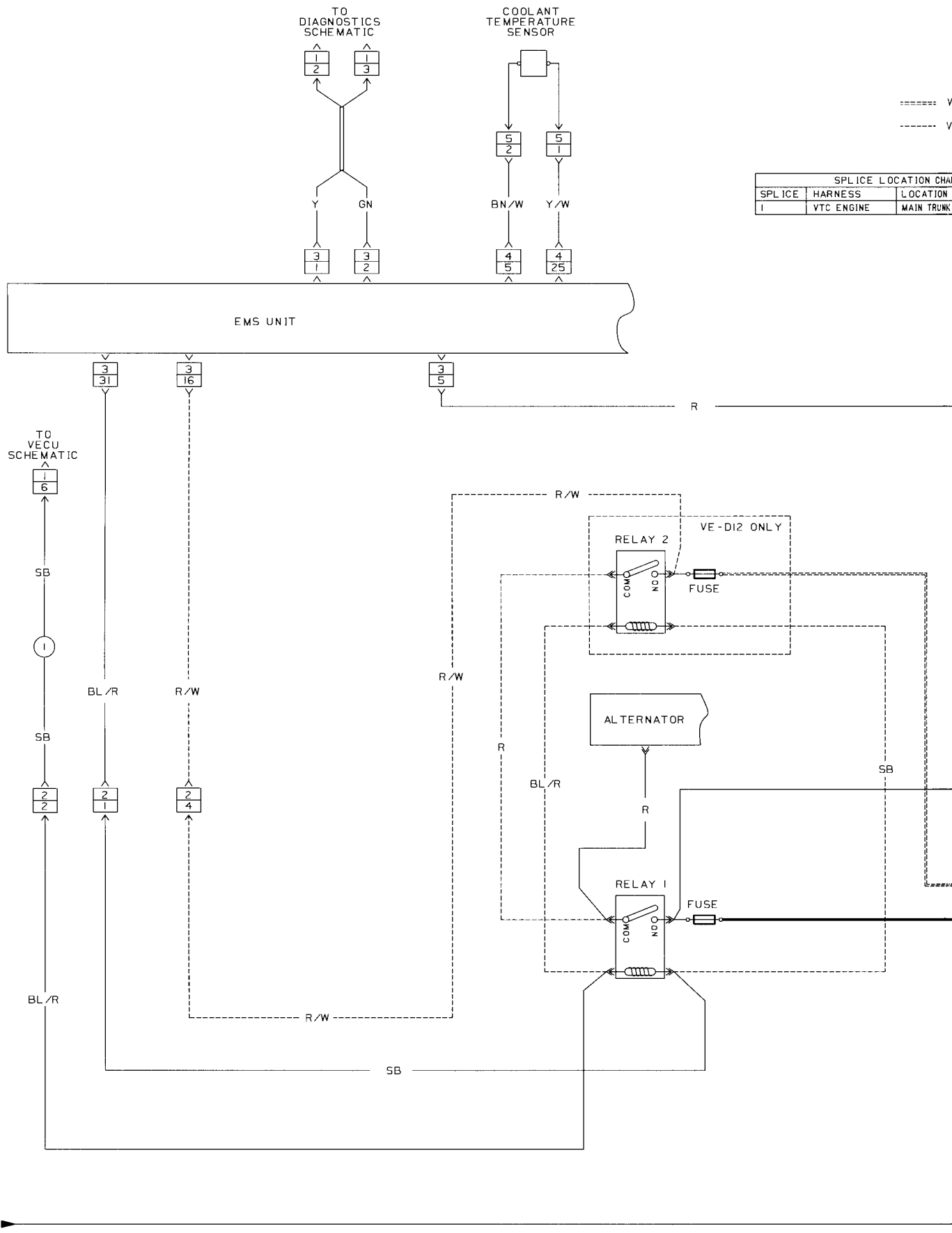
Electrical Schematic:

Pre-heater,

VOLVO D12 Engine

VN

From Build Date 5.99

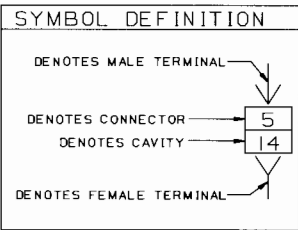
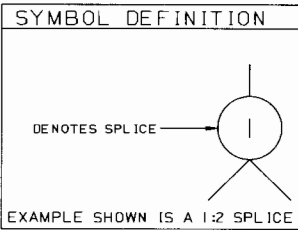


Pre-Heater, VOLVO D12 Engine - VN

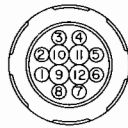
EFFECTIVE DATE	DESCRIPTION
1.00	CORRECTIONS

===== VE-DI2 BUSS
 ----- VE-DI2 ONLY

LOCATION CHART
LOCATION
MAIN TRUNK

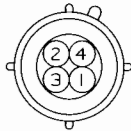


**CONNECTOR AND SPLICE INFORMATION
 CONNECTORS VIEWED FROM CABLE ENTRY**



**CONNECTOR 1
 ENGINE HARNESS CONNECTOR**

TABLE OF CONTENTS		
CAVITY	CIRCUIT	FUNCTION
1	Y	DIAGNOSTIC HIGH
2	GN	DIAGNOSTIC LOW
3	SB	RELAY COIL 12V SUPPLY

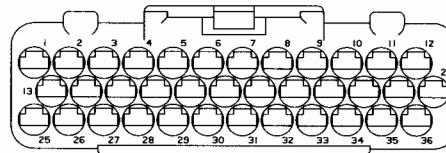


**CONNECTOR 2
 PRE-HEATER HARNESS CONNECTOR**

TABLE OF CONTENTS		
CAVITY	CIRCUIT	FUNCTION
1	BL/R	COIL 0 VOLT SUPPLY
2	SB	COIL 12 VOLT SUPPLY
3	R	FAILURE INDICATION FROM RELAY 1
4	R/W	FAILURE INDICATION FROM RELAY 2

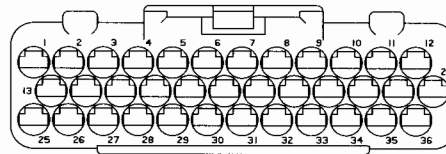
**CONNECTOR 3
 EMS UNIT CONNECTOR 2**

TABLE OF CONTENTS		
CAVITY	CIRCUIT	FUNCTION
1	Y	DIAGNOSTIC HIGH
2	GN	DIAGNOSTIC LOW
5	R	FAILURE INDICATION FROM RELAY 1
16	R/W	FAILURE INDICATION FROM RELAY 2
31	BL/R	COIL 0 VOLT SUPPLY



**CONNECTOR 4
 EMS UNIT CONNECTOR 1**

TABLE OF CONTENTS		
CAVITY	CIRCUIT	FUNCTION
5	BN/W	PRES. + TEMP. SENS. COMM.
25	Y/W	COOLANT TEMP.



**CONNECTOR 5
 COOLANT TEMP. SENSOR CONNECTOR**

TABLE OF CONTENTS		
CAVITY	CIRCUIT	FUNCTION
1	Y/W	COOLANT TEMP.
2	BN/W	PRES. + TEMP. SENS. COMM.

