

Service Manual Trucks

Group **37**

Electrical Schematic:
Engine Brake/CC/PTO,
Detroit Diesel Series 60 11.1/12.7

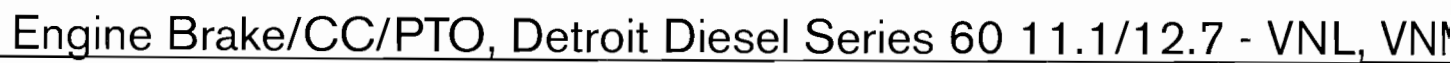
VNL, VNM

From Build Date 2.98

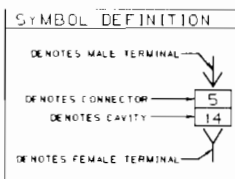
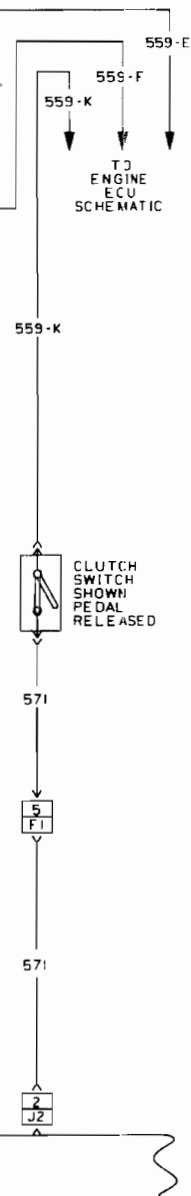


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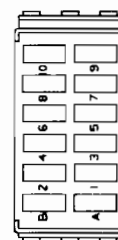
VOLVO



* NOTE:
COMMUNICATION TO THE
ENGINE ECU FROM THE ABS
ECU IS VIA THE DATA LINK.
SEE DATA LINK DIAGNOSTIC
CONNECTOR SCHEMATICS.



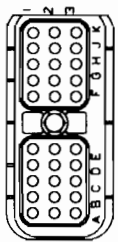
CONNECTOR AND SPLICE INFORMATION CONNECTORS VIEWED FROM CABLE ENTRY



**CONNECTOR 1
ENGINE BRAKE SWITCH**

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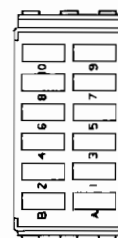
CAVITY	CIRCUIT	FUNCTION
1	559-F	GROUND
2	635A	SW 12 VOLT SUPPLY
3	635	12 VOLT SUPPLY
4	196D-D	12 VOLT SUPPLY
9	OD-E	GROUND
10	141A-A	DASH ILLUMINATION



**CONNECTOR 2
ENGINE ELECTRONIC CONTROL UNIT**

TABLE OF CONTENTS

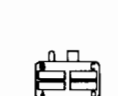
CAVITY	CIRCUIT	FUNCTION
F2	562	CRUISE ON TO ECU
J2	571	INPUT TO ENGINE ECU
K3	628	LOW FEED
J1	563	CRUISE SET TO ECU
G3	565	CRUISE RESUME TO ECU
K2	629	MEDIUM FEED



**CONNECTOR 3
ENGINE BRAKE MODE SELECT SWITCH**

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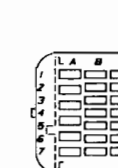
CAVITY	CIRCUIT	FUNCTION
B	635A	12 VOLT SUPPLY
1	629	MEDIUM FEED
3	635	12 VOLT SUPPLY
8	628	LOW FEED
9	OD-F	GROUND
10	141A-G	DASH ILLUMINATION



**CONNECTOR 4
CRUISE CONTROL SWITCH**

TABLE OF CONTENTS

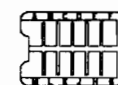
CAVITY	CIRCUIT	FUNCTION
A	559-E	GROUND
B	562	CRUISE ON TO ECU
C	563	CRUISE SET TO ECU
D	565	CRUISE RESUME TO ECU



**CONNECTOR 5
ENGINE HARNESS PASS THROUGH**

TABLE OF CONTENTS

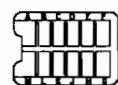
CAVITY	CIRCUIT	FUNCTION
C1	628	LOW FEED
C2	629	MEDIUM FEED
E2	562	CRUISE ON TO ECU
E3	563	CRUISE SET TO ECU
E4	565	CRUISE RESUME TO ECU
F1	571	INPUT TO ENGINE ECU



**CONNECTOR 6
SPLICE PACK OD**

TABLE OF CONTENTS

CAVITY	CIRCUIT	FUNCTION
A	OD	GROUND
F	OD-E	GROUND
G	OD-F	GROUND



**CONNECTOR 7
SPLICE PACK O**

TABLE OF CONTENTS

CAVITY	CIRCUIT	FUNCTION
A	O	GROUND
F	OD-G	GROUND



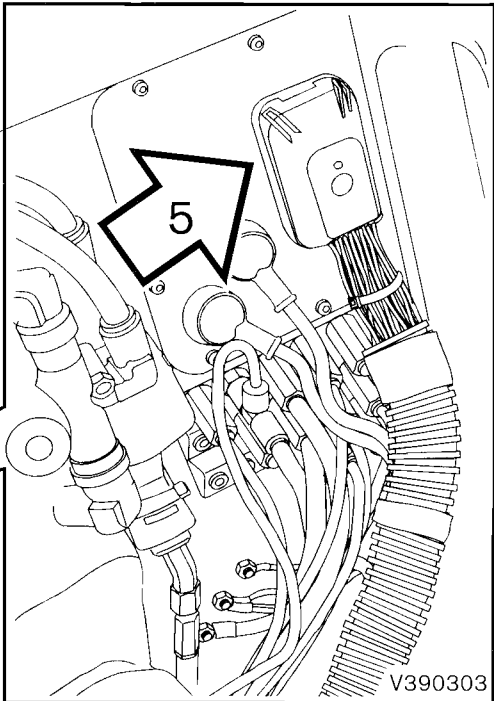
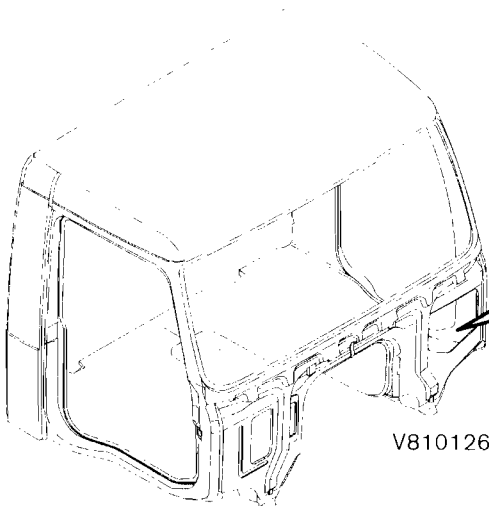
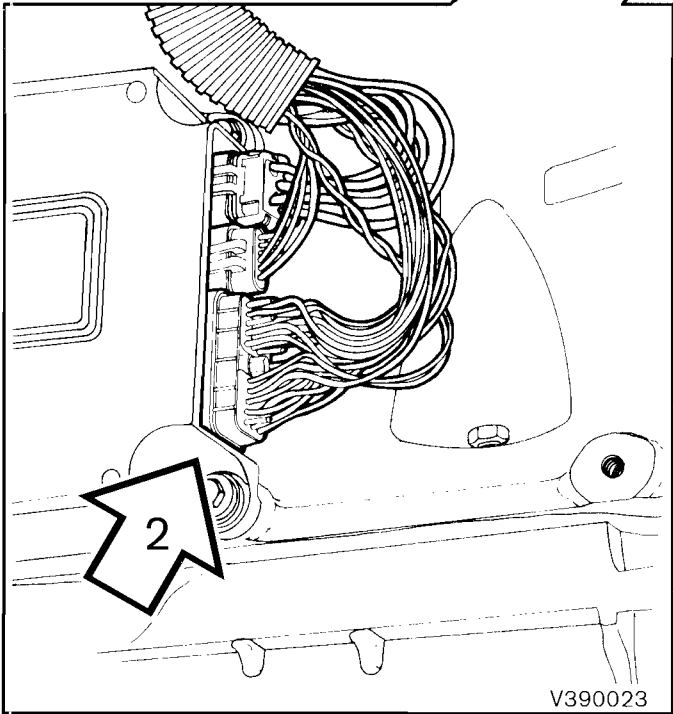
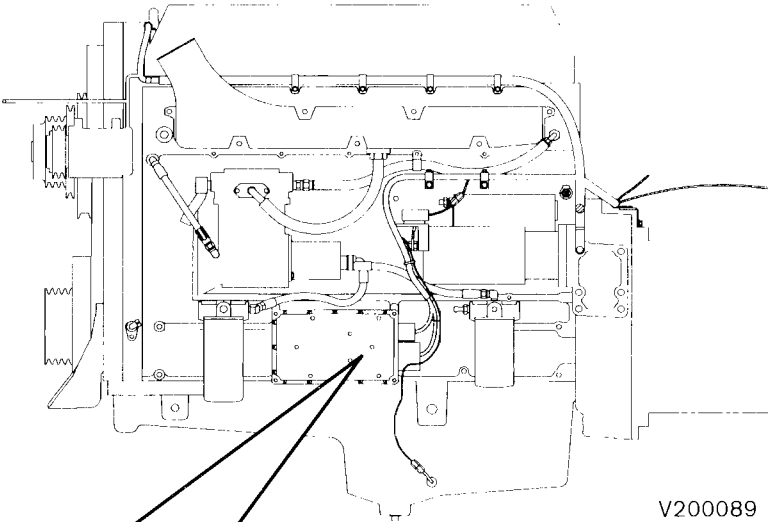
**CONNECTOR 8
OPTION CONNECTOR 1**

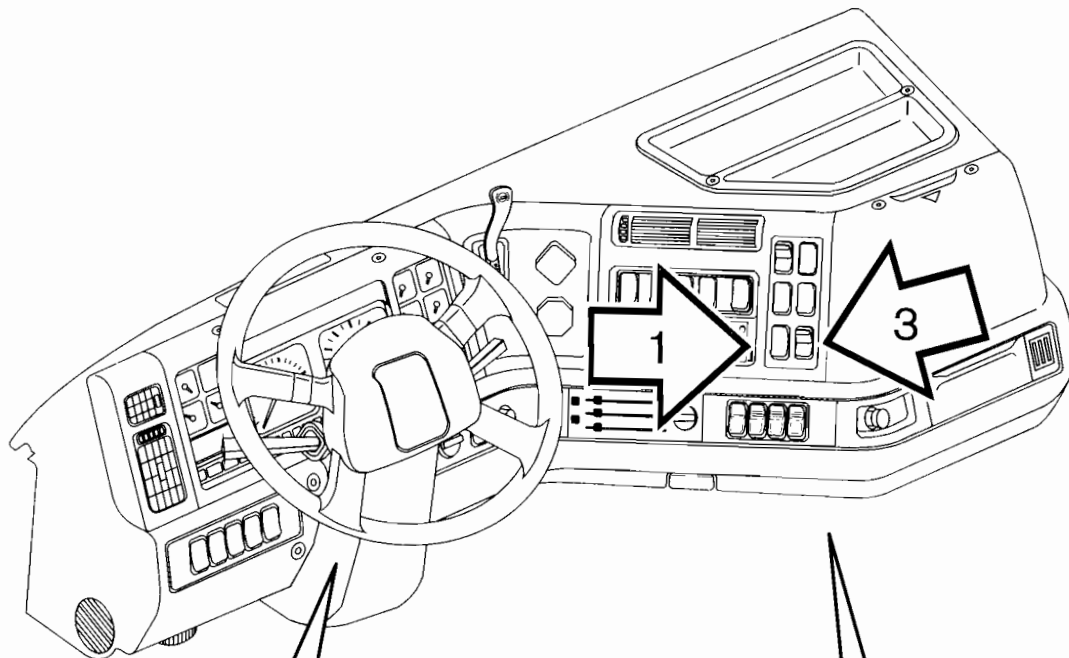
TABLE OF CONTENTS

CAVITY	CIRCUIT	FUNCTION
B	OD	GROUND

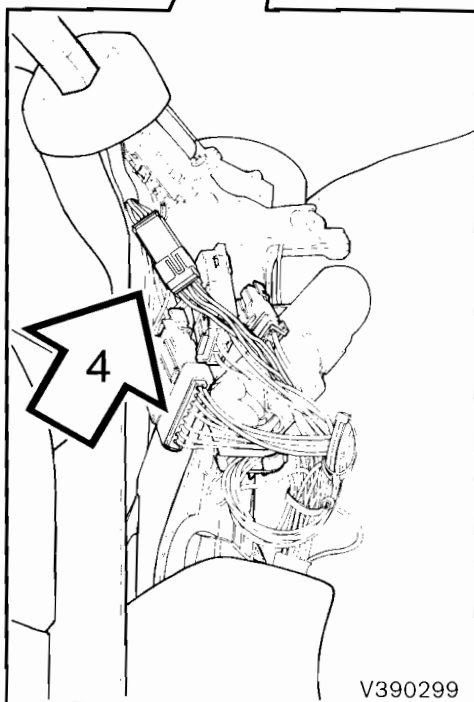
EFFECTIVE DATE	DESCRIPTION

CHANGE HISTORY	
DESCRIPTION	

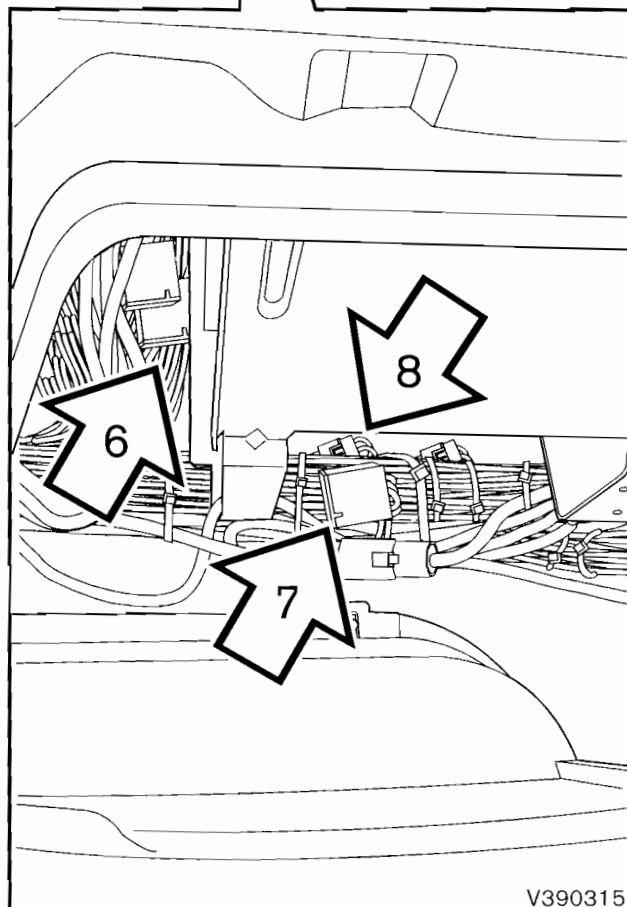




V850167



V390299



V390315