

Service Manual Trucks

Group **37**

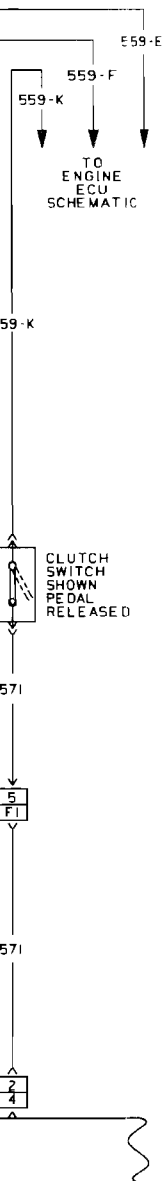
Electrical Schematic:
Engine Brake/CC/PTO,
Cummins N14 Plus

VNL, VNM

From Build Date 2.98







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

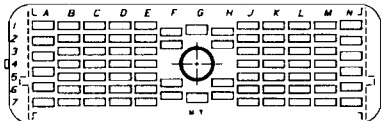


TABLE OF CONTENTS		
CAVITY	CIRCUIT	FUNCTION
C1	628	LOW FEED
C2	629	MEDIUM FEED
E2	562	CRUISE ON TO ECU
E3	563	CRUISE SET TO ECU
E4	565	CRUISE RESUME TO ECU
F1	571	INPUT TO ENGINE ECU

CONNECTOR 6 SPLICE PACK OD

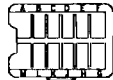


TABLE OF CONTENTS		
CAVITY	CIRCUIT	FUNCTION
A	OD	GROUND
F	OD-E	GROUND
G	OD-F	GROUND

CONNECTOR 7 SPLICE PACK O



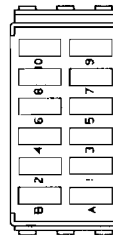
TABLE OF CONTENTS		
CAVITY	CIRCUIT	FUNCTION
A	O	GROUND
F	OD-G	GROUND

CONNECTOR 8 OPTION CONNECTOR 1



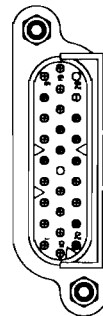
TABLE OF CONTENTS		
CAVITY	CIRCUIT	FUNCTION
B	OD	GROUND

CONNECTOR AND SPLICE INFORMATION CONNECTORS VIEWED FROM CABLE ENTRY



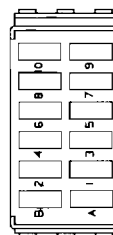
CONNECTOR 1 ENGINE BRAKE SWITCH

TABLE OF CONTENTS		
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

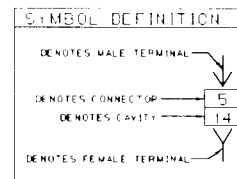
TABLE OF CONTENTS		
CAVITY	CIRCUIT	FUNCTION
2	562	CRUISE ON TO ECU
4	571	INPUT TO ENGINE ECU
5	628	LOW FEED
12	563	CRUISE SET TO ECU
22	565	CRUISE RESUME TO ECU
28	629	MEDIUM FEED



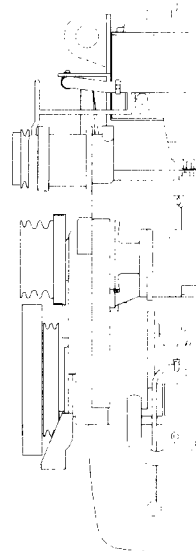
CONNECTOR 3 ENGINE BRAKE MODE SELECT SWITCH

TABLE OF CONTENTS		
CAVITY	CIRCUIT	FUNCTION
B	635A	12 VOLT SUPPLY
1	559-X/629	MEDIUM FEED
3	635	12 VOLT SUPPLY
8	628	LOW FEED
9	OD-F	GROUND
10	141A-G	DASH ILLUMINATION

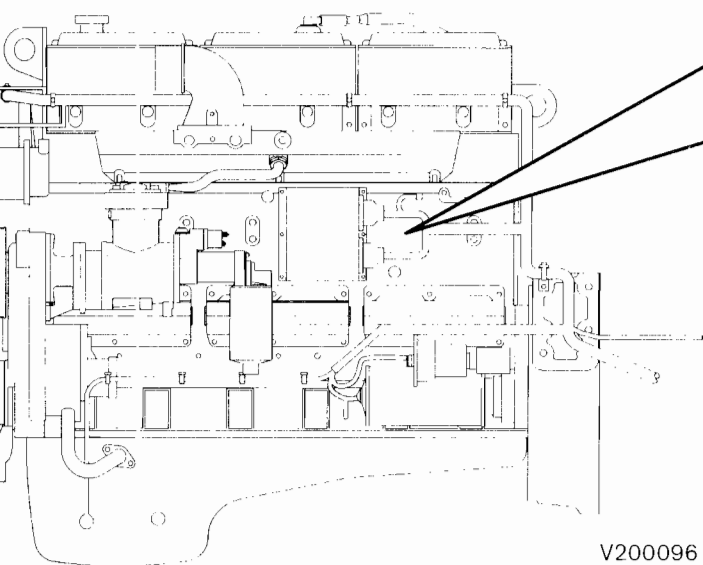
*NOTE:
COMMUNICATION TO THE
ENGINE ECU FROM THE ABS
ECU IS VIA THE DATA LINK.
SEE DATA LINK DIAGNOSTIC
CONNECTOR SCHEMATICS.



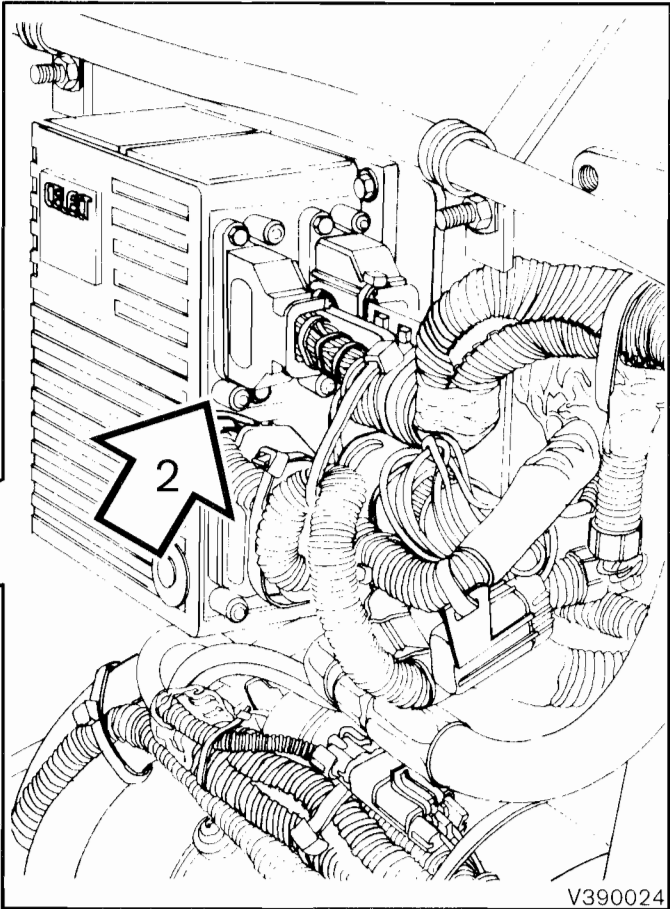
CHAN	
EFFECTIVE DATE	DESCRIPTION



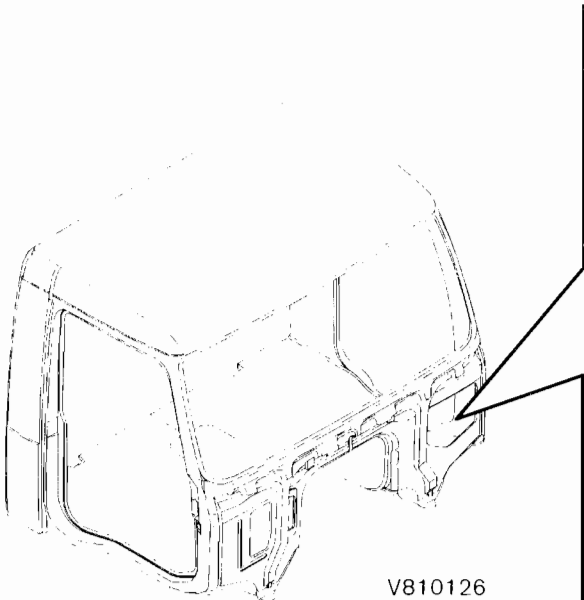
CHANGE HISTORY	
DESCRIPTION	



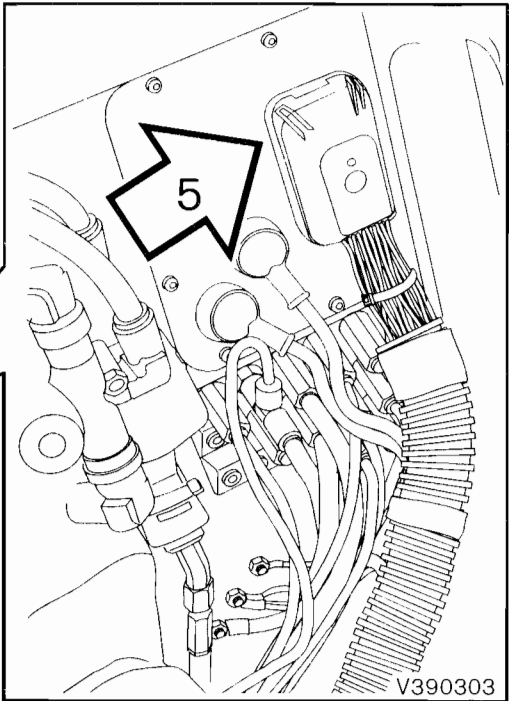
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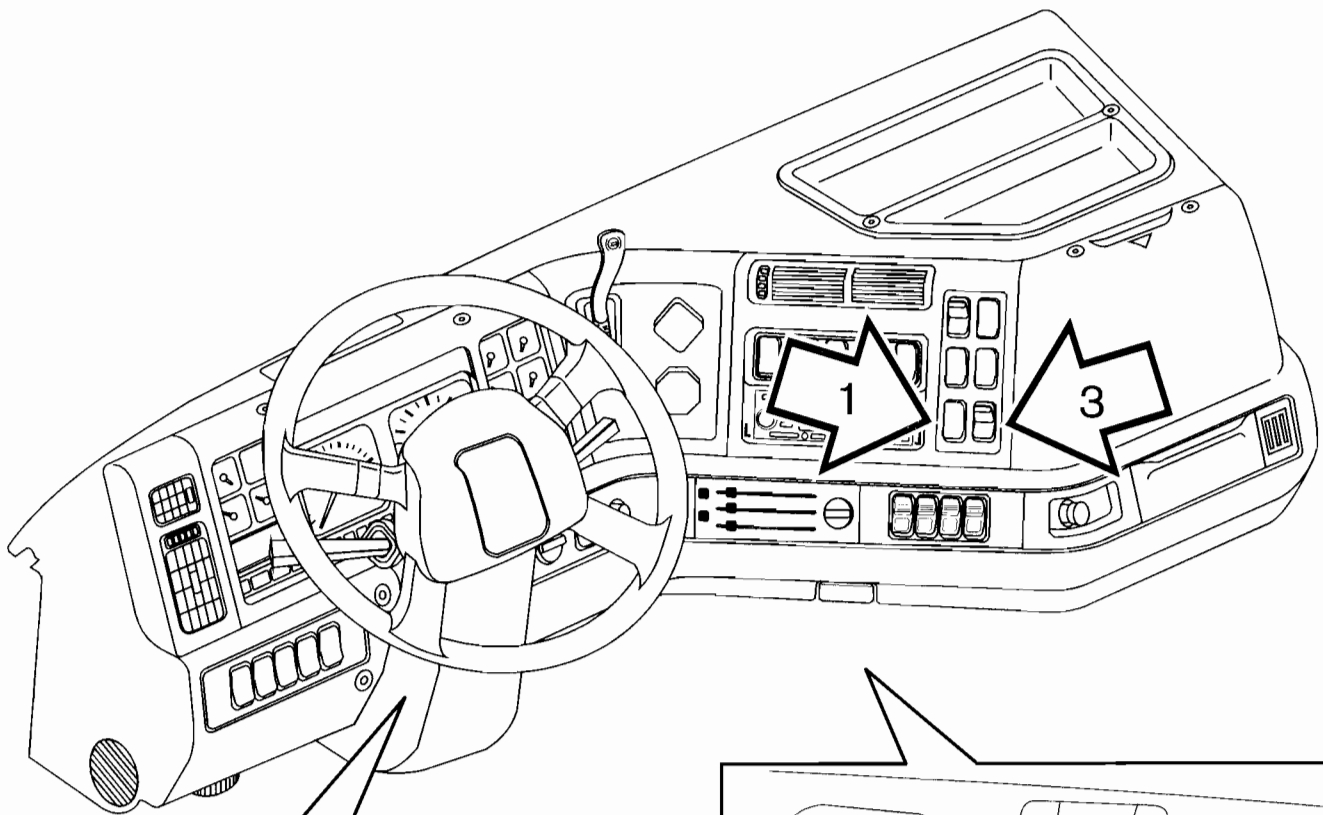
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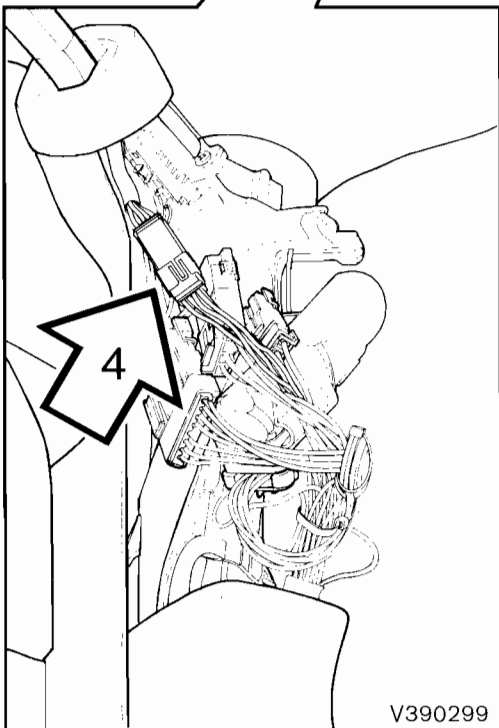
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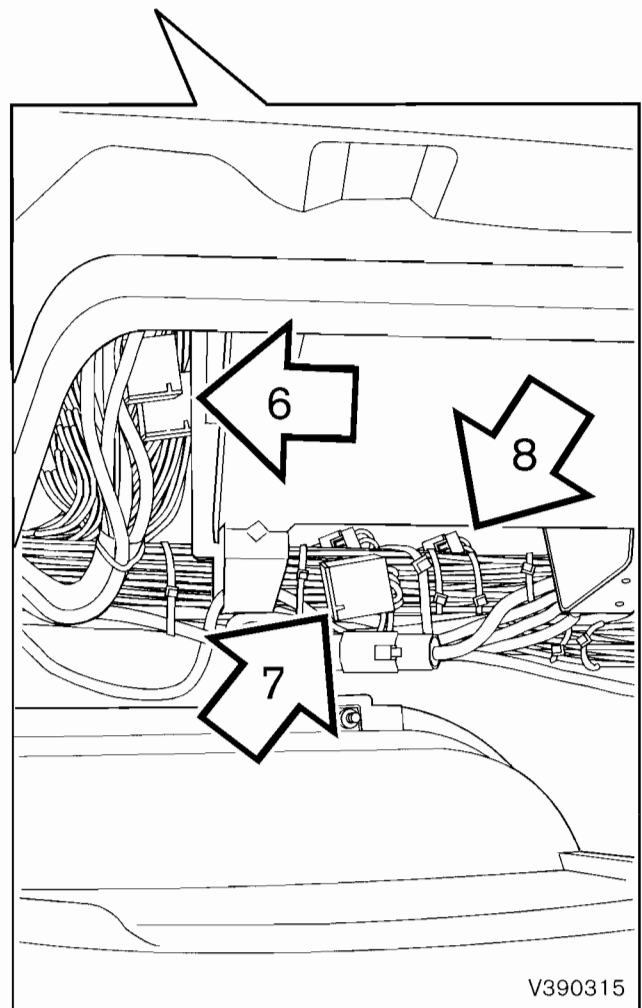
V390303



V850167



V390299



V390315