

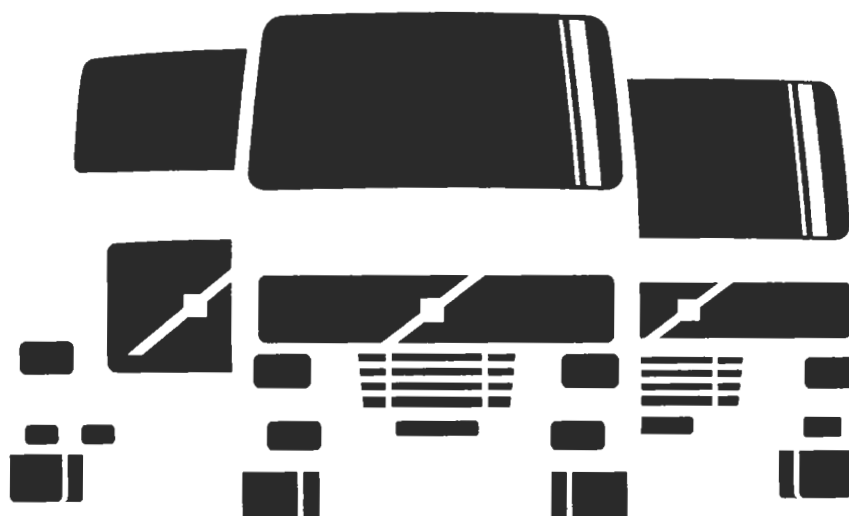
Service Manual Trucks

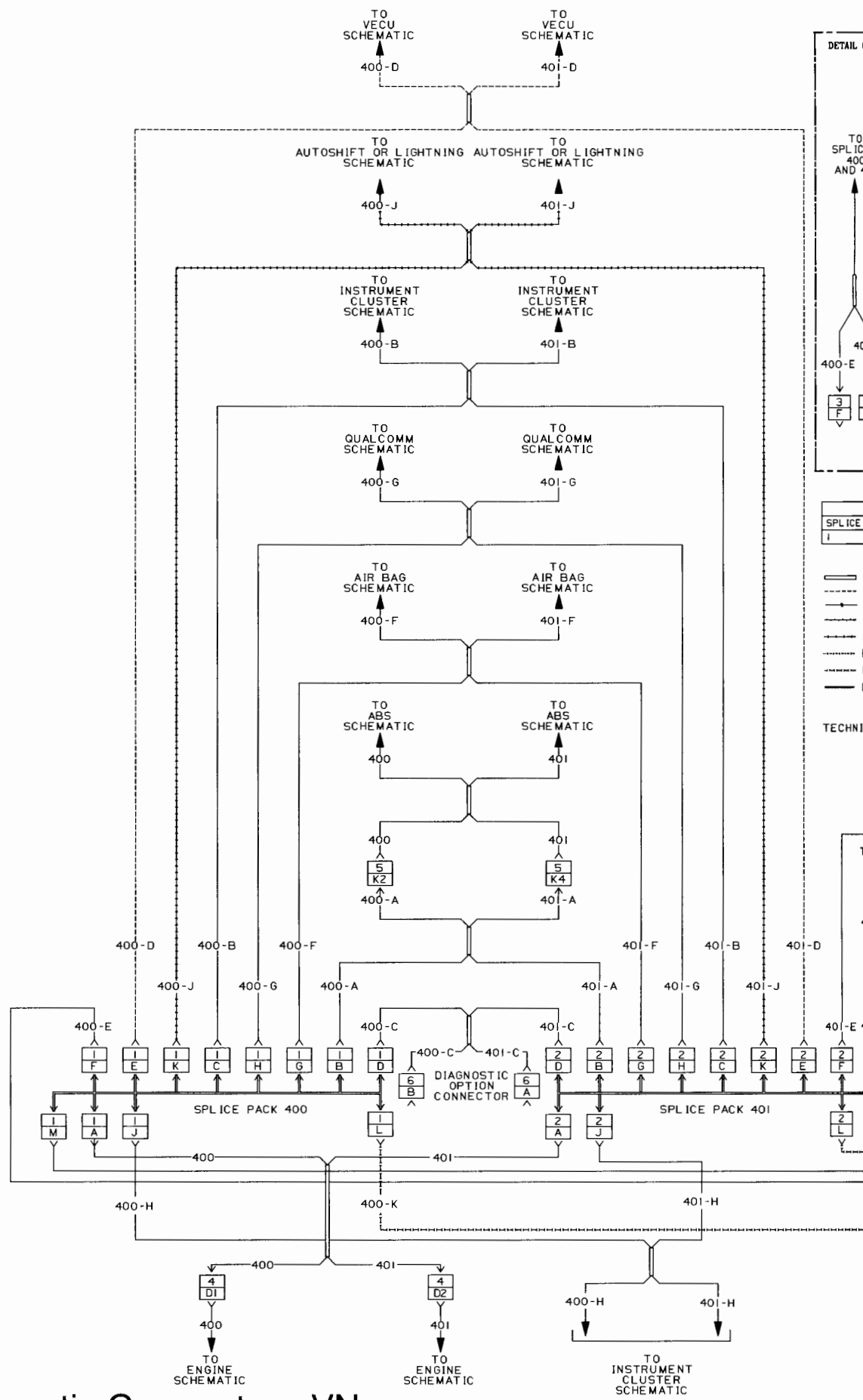
Group **37**

Electrical Schematic:
J1587 Data Link/Diagnostic Connector

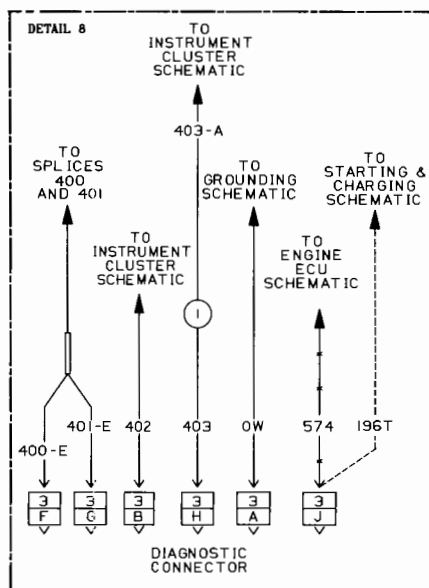
VN

Build Date: From 5.99





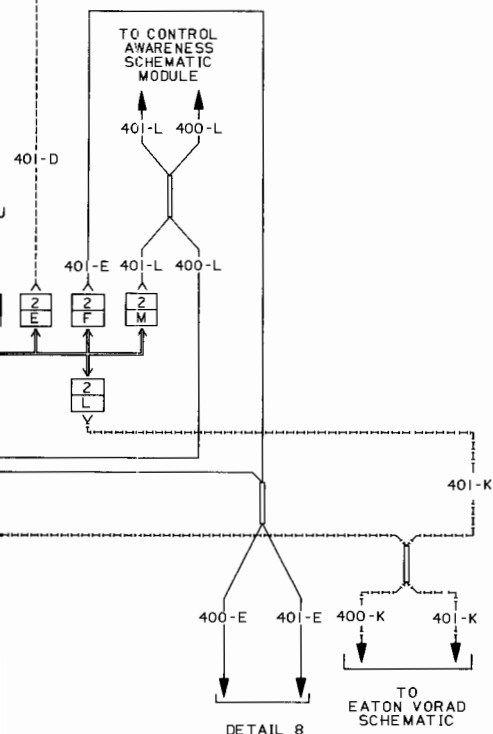
Data Link/Diagnostic Connector - VN



SPLICE LOCATION CHART		
SPLICE	HARNESS	LOCATION
I	CAB HARNESS	MAIN TRUNK

- DENOTES TWISTED PAIR
- - - DENOTES VOLVO ENGINE ONLY
- DENOTES CUMMINS M11/N14 ENGINES ONLY
- - - DENOTES ISM/ISX ONLY
- DENOTES DDEC ONLY
- - - DENOTES ISM/ISX OR DDEC ONLY
- DENOTES VORAD ONLY
- - - DENOTES DDEC OR N14 ONLY

TECHNICAL REGULATION : 8145016

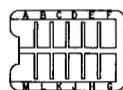


CONNECTOR AND SPLICE INFORMATION CONNECTORS VIEWED FROM CABLE ENTRY

CONNECTOR 1 SPLICE PACK 400

TABLE OF CONTENTS

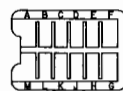
CAVITY	CIRCUIT	FUNCTION
A	400	POS DATA LINK SAE J1708
B	400-A	POS DATA LINK SAE J1708
C	400-B	POS DATA LINK SAE J1708
D	400-C	POS DATA LINK SAE J1708
E	400-D	POS DATA LINK SAE J1708
F	400-E	POS DATA LINK SAE J1708
G	400-F	POS DATA LINK SAE J1708
H	400-G	POS DATA LINK SAE J1708
J	400-H	POS DATA LINK SAE J1708
K	400-J	POS DATA LINK SAE J1708
L	400-K	POS DATA LINK SAE J1708
M	400-L	POS DATA LINK SAE J1708



CONNECTOR 2 SPLICE PACK 401

TABLE OF CONTENTS

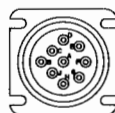
CAVITY	CIRCUIT	FUNCTION
A	401	NEG DATA LINK SAE J1708
B	401-A	NEG DATA LINK SAE J1708
C	401-B	NEG DATA LINK SAE J1708
D	401-C	NEG DATA LINK SAE J1708
E	401-D	NEG DATA LINK SAE J1708
F	401-E	NEG DATA LINK SAE J1708
G	401-F	NEG DATA LINK SAE J1708
H	401-G	NEG DATA LINK SAE J1708
J	401-H	NEG DATA LINK SAE J1708
K	401-J	NEG DATA LINK SAE J1708
L	401-K	NEG DATA LINK SAE J1708
M	401-L	NEG DATA LINK SAE J1708



CONNECTOR 3 DIAGNOSTIC CONNECTOR

TABLE OF CONTENTS

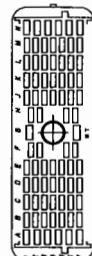
CAVITY	CIRCUIT	FUNCTION
A	0W	GROUND
B	402	12 VOLT SUPPLY
F	400-E	POS DATA LINK SAE J1708
G	401-E	NEG DATA LINK SAE J1708
H	403	PROGRAMMING ENABLE
J	574	DIAG. REQ./ENG. SHUTDOWN
L	196T	IGNITION FEED



CONNECTOR 4 ENGINE HARNESS PASS THROUGH

TABLE OF CONTENTS

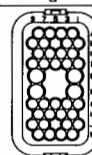
CAVITY	CIRCUIT	FUNCTION
D1	400	POS DATA LINK SAE J1708
D2	401	NEG DATA LINK SAE J1708



CONNECTOR 5 CHASSIS HARNESS PASS THROUGH

TABLE OF CONTENTS

CAVITY	CIRCUIT	FUNCTION
K2	400-A	POS DATA LINK SAE J1708
K4	401-A	NEG DATA LINK SAE J1708



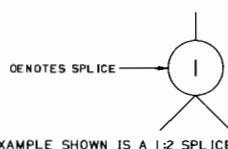
CONNECTOR 6 DIAGNOSTIC OPTION CONNECTOR

TABLE OF CONTENTS

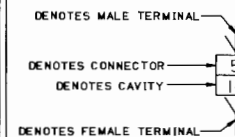
CAVITY	CIRCUIT	FUNCTION
A	401-C	NEG DATA LINK SAE J1708
B	400-C	POS DATA LINK SAE J1708



SYMBOL DEFINITION



SYMBOL DEFINITION



CHANGE	
EFFECTIVE DATE	DESCRIPTION
6/01	ADDED VORAD C

V850167

CHANGE HISTORY	
DESCRIPTION	
ADDED VORAD CIRCUITS	

