

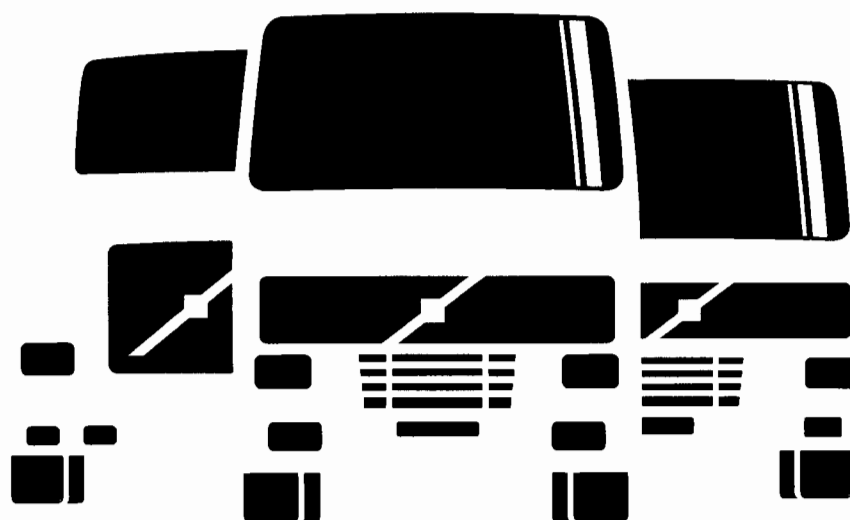
Service Manual Trucks

Group **37**

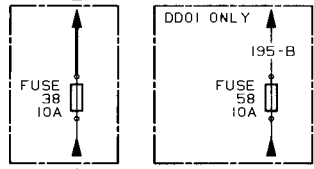
Electrical Schematic:
Radio/CD (in-dash),
Amp and Speakers

VN 770 Sleeper

From Build Date 5.99

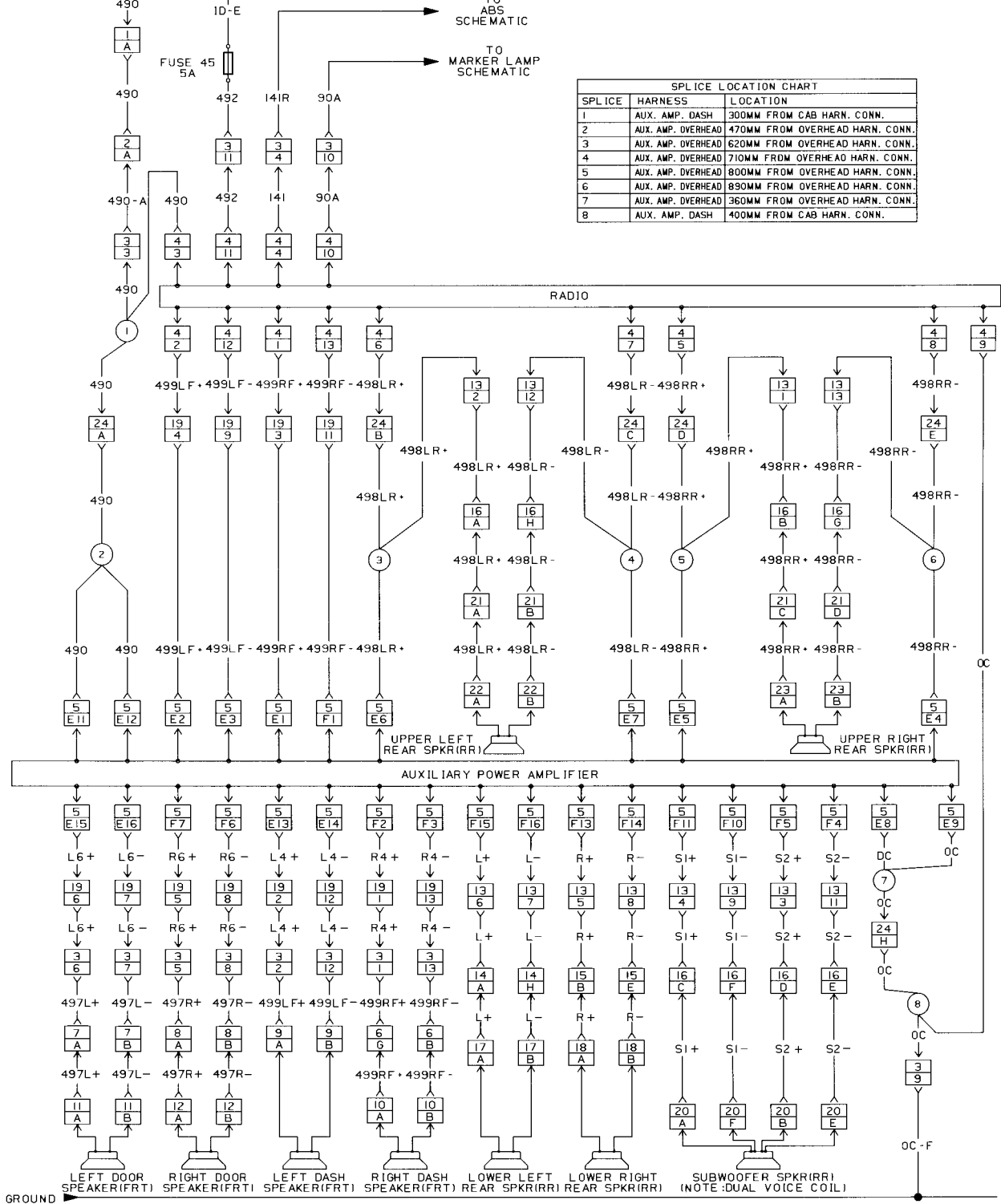


BATTERY 12 VOLT
IGNITION 12 VOLT
ACCESSORY 12 VOLT



TO ABS SCHEMATIC
TO MARKER LAMP SCHEMATIC

SPLICE LOCATION CHART		
SPLICE	HARNESS	LOCATION
1	AUX. AMP. DASH	300MM FROM CAB HARN. CONN.
2	AUX. AMP. OVERHEAD	470MM FROM OVERHEAD HARN. CONN.
3	AUX. AMP. OVERHEAD	620MM FROM OVERHEAD HARN. CONN.
4	AUX. AMP. OVERHEAD	710MM FROM OVERHEAD HARN. CONN.
5	AUX. AMP. OVERHEAD	800MM FROM OVERHEAD HARN. CONN.
6	AUX. AMP. OVERHEAD	890MM FROM OVERHEAD HARN. CONN.
7	AUX. AMP. OVERHEAD	960MM FROM OVERHEAD HARN. CONN.
8	AUX. AMP. DASH	400MM FROM CAB HARN. CONN.



Radio/CD (in-dash), Amp and Speakers - VN 770 Sleeper

SPLICE PACK OJ-A

**CONNECTOR 1 (OPTIONAL CONNECTOR 1)
ON MAIN CAB HARNESS**



TABLE OF CONTENTS

CAVITY	CIRCUIT	FUNCTION
A	490	12 VOLT SUPPLY

**CONNECTOR 2 (OPTIONAL CONNECTOR 2)
ON MAIN CAB HARNESS**



TABLE OF CONTENTS

CAVITY	CIRCUIT	FUNCTION
A	490	12 VOLT SUPPLY

**CONNECTOR 3
AMPLIFIER HARNESS
(DASH) TO CAB HARNESS**

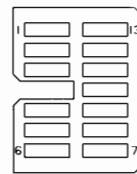


TABLE OF CONTENTS

CAVITY	CIRCUIT	FUNCTION
1	499RF+	+ RHS DASH SPEAKER
2	499LF+	+ LHS DASH SPEAKER
3	490-A	12 VOLT SUPPLY
4	I4I	DIMMER CONTROL
5	497R+	+RHS DOOR SPKR(FRT)
6	497L+	+LHS DOOR SPKR(FRT)
7	497L-	- LHS DOOR SPEAKER
8	497R-	- RHS DOOR SPEAKER
9	0C	GROUND
10	90A	LIGHT CONTROL
11	492	12 VOLT SUPPLY
12	499LF-	- LHS DASH SPEAKER
13	499RF-	- RHS DASH SPEAKER

**CONNECTOR 4
AMPLIFIER HARNESS (DASH) TO RADIO**

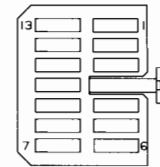


TABLE OF CONTENTS

CAVITY	CIRCUIT	FUNCTION
1	499RF+	+ RHS DASH SPEAKER
2	499LF+	+ LHS DASH SPEAKER
3	490	12 VOLT SUPPLY
4	I4I	DIMMER CONTROL
5	498RR+	+ RHS DOOR SPEAKER
6	498LR+	+ LHS DOOR SPEAKER
7	498LR-	- LHS DOOR SPEAKER
8	498RR-	- RHS DOOR SPEAKER
9	0C	GROUND
10	90A	LIGHT CONTROL
11	492	12 VOLT SUPPLY
12	499LF-	- LHS DASH SPEAKER
13	499RF-	- RHS DASH SPEAKER

**CONNECTOR 5
AMPLIFIER HARNESS TO AMPLIFIER**

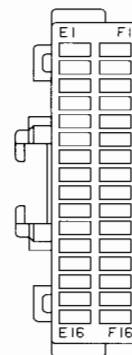


TABLE OF CONTENTS

CAVITY	CIRCUIT	FUNCTION
E1	499RF+	+ RHS FRONT INPUT
E2	499LF+	+ LHS FRONT INPUT
E3	499LF-	- LHS FRONT INPUT
E4	498RR-	- RHS REAR INPUT
E5	498RR+	+ RHS REAR INPUT
E6	498LR+	+ LHS REAR INPUT
E7	498LR-	- LHS REAR INPUT
E8	0C	GROUND
E9	0C	GROUND
E11	490	12 VOLT SUPPLY
E12	490	12 VOLT SUPPLY
E13	L4+	+ LHS DASH SKPR
E14	L4-	- LHS DASH SPKR
E15	L6+	+ LHS DOOR SPKR
E16	L6-	- LHS DOOR SPKR
F1	499RF-	- RHS FRONT INPUT
F2	R4+	+ RHS DASH SPKR
F3	R4-	- RHS DASH SPKR
F4	S2-	- SUBWOOFER(COIL 2)
F5	S2+	+ SUBWOOFER(COIL 2)
F6	R6-	- RHS DOOR SPKR
F7	R6+	+ RHS DOOR SPKR
F10	S1-	- SUBWOOFER(COIL 1)
F11	S1+	+ SUBWOOFER(COIL 1)
F13	R+	+ RHS REAR SKPR
F14	R-	- RHS REAR SPKR
F15	L+	+ LHS REAR SPKR
F16	L-	- LHS REAR SPKR

**CONNECTOR 6
MAIN CAB HARNESS
TO OVERHEAD HARNESS**

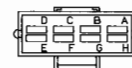


TABLE OF CONTENTS

CAVITY	CIRCUIT	FUNCTION
B	499RF-	- RHS FRONT SPKR
G	499RF+	+ RHS FRONT SPKR

**CONNECTOR 7
JUMPER HARNESS TO SPEAKER**

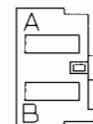
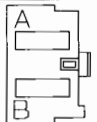


TABLE OF CONTENTS

CAVITY	CIRCUIT	FUNCTION
A	497L+	+ LHS FRONT SPKR
B	497L-	- LHS FRONT SPKR

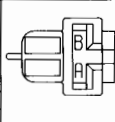
CONNECTOR AND SPLICE INFORMATION
CONNECTORS VIEWED FROM CABLE ENTRY

CONNECTOR 1
S
FUNCTION
2 VOLT SUPPLY



CONNECTOR 8
JUMPER HARNESS TO SPEAKER

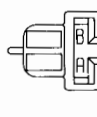
TABLE OF CONTENTS		
CAVITY	CIRCUIT	FUNCTION
A	497R+	+ RHS FRONT SPKR
B	497R-	- RHS FRONT SPKR



CONNECTOR 17
LOWER LEFT SPEAKER

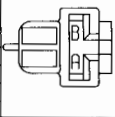
TABLE OF CONTENTS		
CAVITY	CIRCUIT	FUNCTION
A	L+	+ LHS REAR SPKR
B	L-	- LHS REAR SPKR

CONNECTOR 2
S
FUNCTION
2 VOLT SUPPLY



CONNECTOR 9
LEFT FRONT SPEAKER

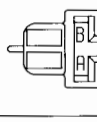
TABLE OF CONTENTS		
CAVITY	CIRCUIT	FUNCTION
A	499LF+	+ LHS FRONT SPKR
B	499LF-	- LHS FRONT SPKR



CONNECTOR 18
LOWER RIGHT SPEAKER

TABLE OF CONTENTS		
CAVITY	CIRCUIT	FUNCTION
A	R+	+ RHS REAR SPKR
B	R-	- RHS REAR SPKR

CONNECTOR 3
S
FUNCTION
2 VOLT SUPPLY



CONNECTOR 10
RIGHT FRONT SPEAKER

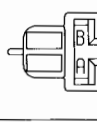
TABLE OF CONTENTS		
CAVITY	CIRCUIT	FUNCTION
A	499RF+	+ RHS FRONT SPKR
B	499RF-	- RHS FRONT SPKR



CONNECTOR 19
AMPLIFIER HARNESS (DASH) TO
AMPLIFIER HARNESS (OVERHEAD)

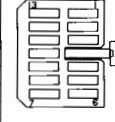
TABLE OF CONTENTS		
CAVITY	CIRCUIT	FUNCTION
1	R4+	+ RHS DASH SPKR
2	L4+	+ LHS DASH SPKR
3	499RF+	+ RHS FRONT INPUT
4	499LF+	+ LHS FRONT INPUT
5	R6+	+ RHS DOOR SPKR
6	L6+	+ LHS DOOR SPKR
7	L6-	- LHS DOOR SPKR
8	R6-	- RHS DOOR SPKR
9	499LF-	- LHS FRONT INPUT
11	499RF-	- RHS REAR INPUT
12	L4-	- LHS DASH SPKR
13	R4-	- RHS DASH SPKR

CONNECTOR 4
S
FUNCTION
2 VOLT SUPPLY



CONNECTOR 11
LEFT DOOR SPEAKER

TABLE OF CONTENTS		
CAVITY	CIRCUIT	FUNCTION
A	497L+	+ LHS FRONT SPKR
B	497L-	- LHS FRONT SPKR



CONNECTOR 20
RIGHT REAR OVERHEAD HARNESS
TO SPEAKER

TABLE OF CONTENTS		
CAVITY	CIRCUIT	FUNCTION
A	S1+	- SUBWOOFER SPKR
B	S2+	+ SUBWOOFER SPKR
E	S2-	- SUBWOOFER SPKR
F	S1-	+ SUBWOOFER SPKR

CONNECTOR 5
S
FUNCTION
2 VOLT SUPPLY

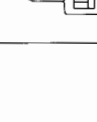


CONNECTOR 12
RIGHT DOOR SPEAKER

TABLE OF CONTENTS		
CAVITY	CIRCUIT	FUNCTION
A	497R+	+ RHS FRONT SPKR
B	497R-	- RHS FRONT SPKR

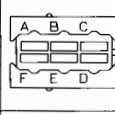


CONNECTOR 6
S
FUNCTION
2 VOLT SUPPLY



CONNECTOR 13
AMPLIFIER HARNESS (OVERHEAD) TO
OVERHEAD HARNESS

TABLE OF CONTENTS		
CAVITY	CIRCUIT	FUNCTION
1	498RR+	+ RHS REAR SPEAKER
2	498LR+	+ LHS REAR SPEAKER
3	S2+	+ SUBWOOFER SPKR
4	S1+	+ SUBWOOFER SPKR
5	R+	+ RHS REAR SPEAKER
6	L+	+ LHS REAR SPEAKER
7	L-	- LHS REAR SPEAKER
8	R-	- RHS REAR SPEAKER
9	S1-	- SUBWOOFER SPKR
11	S2-	- SUBWOOFER SPKR
12	498LR-	- LHS REAR SPEAKER
13	498RR-	- RHS REAR SPEAKER



CONNECTOR 21
JUMPER HARNESS TO AMPLIFIER

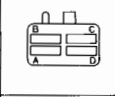
TABLE OF CONTENTS		
CAVITY	CIRCUIT	FUNCTION
A	498LR+	+ LHS REAR SPKR
B	498LR-	- LHS REAR SPKR
C	498RR+	+ RHS REAR SPKR
D	498RR-	- RHS REAR SPKR

CONNECTOR 7
S
FUNCTION
2 VOLT SUPPLY



CONNECTOR 14
LEFT RR LAMP HARNESS
TO FRONT OVERHEAD HARNESS

TABLE OF CONTENTS		
CAVITY	CIRCUIT	FUNCTION
A	L+	+ LHS REAR SPKR
H	L-	- LHS REAR SPKR



CONNECTOR 22
UPPER LEFT SPEAKER

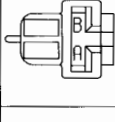
TABLE OF CONTENTS		
CAVITY	CIRCUIT	FUNCTION
A	498LR+	+ LHS REAR SPKR
B	498LR-	- LHS REAR SPKR

CONNECTOR 8
S
FUNCTION
2 VOLT SUPPLY



CONNECTOR 15
RIGHT REAR HARNESS

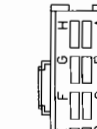
TABLE OF CONTENTS		
CAVITY	CIRCUIT	FUNCTION
B	R+	+ RHS REAR SPKR
E	R-	- RHS REAR SPKR



CONNECTOR 23
UPPER RIGHT SPEAKER

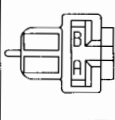
TABLE OF CONTENTS		
CAVITY	CIRCUIT	FUNCTION
A	498RR+	+ RHS REAR SPKR
B	498RR-	- RHS REAR SPKR

CONNECTOR 9
S
FUNCTION
2 VOLT SUPPLY



CONNECTOR 16
FRONT OVERHEAD HARNESS TO
RIGHT REAR OVERHEAD HARNESS

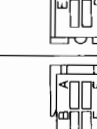
TABLE OF CONTENTS		
CAVITY	CIRCUIT	FUNCTION
A	498LR+	+ LHS REAR SPKR
B	498RR+	+ RHS REAR SPKR
C	S1+	+ REAR SPEAKER
D	S2+	+ REAR SPEAKER
E	S2-	- REAR SPEAKER
F	S1-	- REAR SPEAKER
G	498RR-	- RHS REAR SPKR
H	498LR-	- LHS REAR SPKR



CONNECTOR 24
AMPLIFIER HARNESS (DASH) TO
AMPLIFIER HARNESS (OVERHEAD)

TABLE OF CONTENTS		
CAVITY	CIRCUIT	FUNCTION
A	490	12 VOLT SUPPLY
B	498LR+	+ LHS REAR INPUT
C	498LR-	- LHS REAR INPUT
D	498RR+	+ RHS REAR INPUT
E	498RR-	- RHS REAR INPUT
H	OC	GROUND

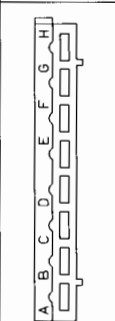
CONNECTOR 10
S
FUNCTION
2 VOLT SUPPLY



CONNECTOR 11
S
FUNCTION
2 VOLT SUPPLY



CONNECTOR 12
S
FUNCTION
2 VOLT SUPPLY



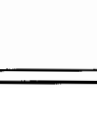
CONNECTOR 13
S
FUNCTION
2 VOLT SUPPLY



CONNECTOR 14
S
FUNCTION
2 VOLT SUPPLY

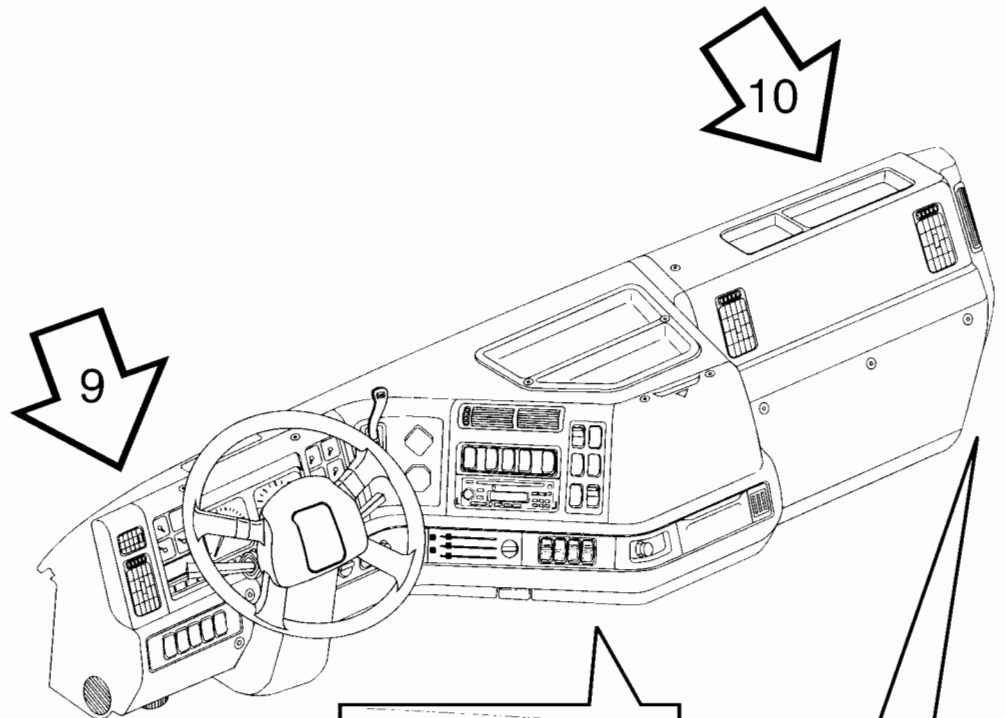


CONNECTOR 15
S
FUNCTION
2 VOLT SUPPLY



CHANGE HISTORY

EFFECTIVE DATE	DESCRIPTION



V850168

