

# Service Manual Trucks

Group **37**

Electrical Schematic:

Bunk Clock, Lamps & Luggage Compartment Lamps

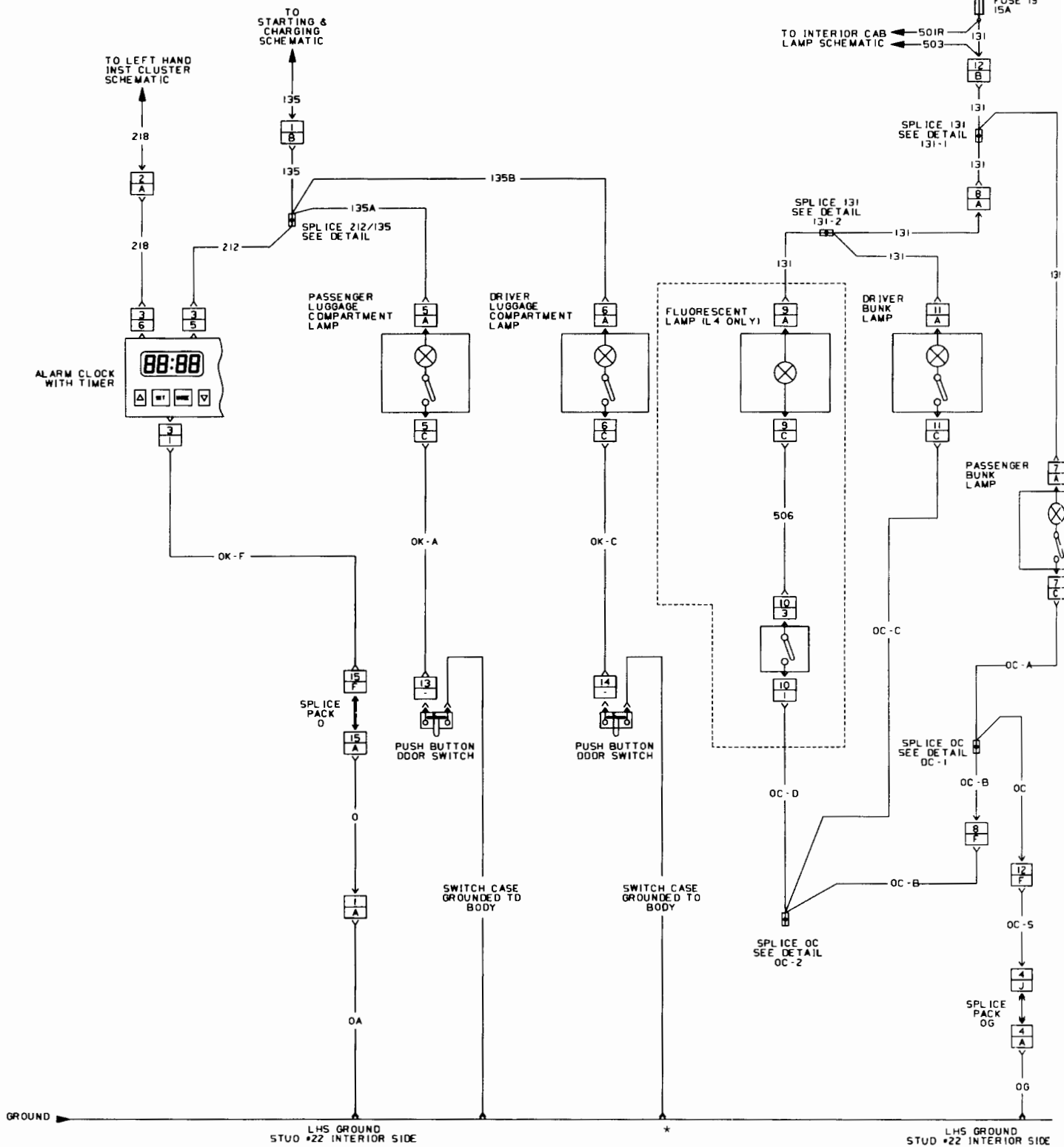
VN 610/420 Sleeper

From Build Date 2.98



BATTERY 12 VOLT  
IGNITION 12 VOLT  
ACCESSORY 12 VOLT

NOTE: BUNK LAMP LOCATION IS DIFFERENT  
IN THE 420 AND 610 SLEEPER.



Bunk Clock, Lamps & Luggage Compartment Lamps - VN 420/610 Sleeper

BUSS BAR

MAXI FUSE 9  
40A

FUSE 19  
15A

SENGER  
K  
P

OC - A

OC

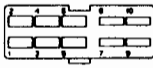
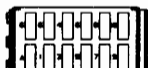
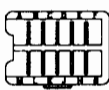
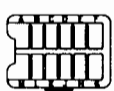
OC - 5

ICE  
CK  
G

GROUND  
ERIOR SIDE

10 Sleeper

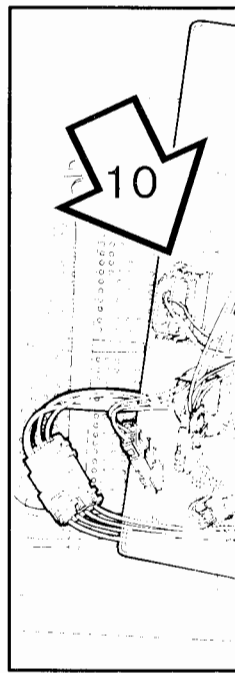
CONNECTOR AND SPLICE INFORMATION  
CONNECTORS VIEWED FROM CABLE ENTRY

|                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br><b>CONNECTOR 1</b><br>MAIN CAB HARNESS TO BUNK HARNESS<br>TABLE OF CONTENTS<br>CAVITY CIRCUIT FUNCTION<br>A 0A GROUND<br>B 135 12 VOLT SUPPLY          | <br><b>CONNECTOR 8</b><br>OVERHEAD BUNK HARNESS<br>TABLE OF CONTENTS<br>CAVITY CIRCUIT FUNCTION<br>A 131 12 VOLT SUPPLY<br>F 0C-B GROUND              |
| <br><b>CONNECTOR 2</b><br>MAIN CAB HARNESS TO BUNK HARNESS<br>TABLE OF CONTENTS<br>CAVITY CIRCUIT FUNCTION<br>A 218 12 VOLT SUPPLY                         | <br><b>CONNECTOR 9</b><br>FLUORESCENT LAMP<br>TABLE OF CONTENTS<br>CAVITY CIRCUIT FUNCTION<br>A 131 12 VOLT SUPPLY<br>C 506 LAMP TO SWITCH            |
| <br><b>CONNECTOR 3</b><br>BUNK CLOCK<br>TABLE OF CONTENTS<br>CAVITY CIRCUIT FUNCTION<br>1 0K-F GROUND<br>5 212 12 VOLT SUPPLY<br>6 218 12 VOLT SUPPLY      | <br><b>CONNECTOR 10</b><br>FLUORESCENT LAMP SWITCH<br>TABLE OF CONTENTS<br>CAVITY CIRCUIT FUNCTION<br>1 0C-D GROUND<br>3 506 SWITCH TO LAMP          |
| <br><b>CONNECTOR 4</b><br>SPLICE PACK 08<br>TABLE OF CONTENTS<br>CAVITY CIRCUIT FUNCTION<br>A 0G GROUND<br>J 0C-5 GROUND                                   | <br><b>CONNECTOR 11</b><br>DRIVER SIDE BUNK LAMP<br>TABLE OF CONTENTS<br>CAVITY CIRCUIT FUNCTION<br>A 131 12 VOLT SUPPLY<br>C 0C-C GROUND             |
| <br><b>CONNECTOR 5</b><br>PASSENGER LUGGAGE<br>COMPARTMENT LAMP<br>TABLE OF CONTENTS<br>CAVITY CIRCUIT FUNCTION<br>A 135A 12 VOLT SUPPLY<br>C 0K-A GROUND | <br><b>CONNECTOR 12</b><br>MAIN CAB TO OVERHEAD HARNESS<br>TABLE OF CONTENTS<br>CAVITY CIRCUIT FUNCTION<br>B 131/503 12 VOLT SUPPLY<br>F 0C-5 GROUND |
| <br><b>CONNECTOR 6</b><br>DRIVER LUGGAGE COMPARTMENT LAMP<br>TABLE OF CONTENTS<br>CAVITY CIRCUIT FUNCTION<br>A 135B 12 VOLT SUPPLY<br>C 0K-C GROUND      | <br><b>CONNECTOR 13</b><br>DOOR SWITCH CONNECTOR<br>TABLE OF CONTENTS<br>CAVITY CIRCUIT FUNCTION<br>0K-A GROUND FEED                                |
| <br><b>CONNECTOR 7</b><br>PASSENGER SIDE BUNK LAMP<br>TABLE OF CONTENTS<br>CAVITY CIRCUIT FUNCTION<br>A 131 12 VOLT SUPPLY<br>C 0C-A GROUND              | <br><b>CONNECTOR 14</b><br>DOOR SWITCH CONNECTOR<br>TABLE OF CONTENTS<br>CAVITY CIRCUIT FUNCTION<br>0K-C GROUND FEED                                |
|                                                                                                                                                                                                                                             | <br><b>CONNECTOR 15</b><br>SPLICE PACK 0<br>TABLE OF CONTENTS<br>CAVITY CIRCUIT FUNCTION<br>A 0 GROUND<br>F 0K-F GROUND                             |

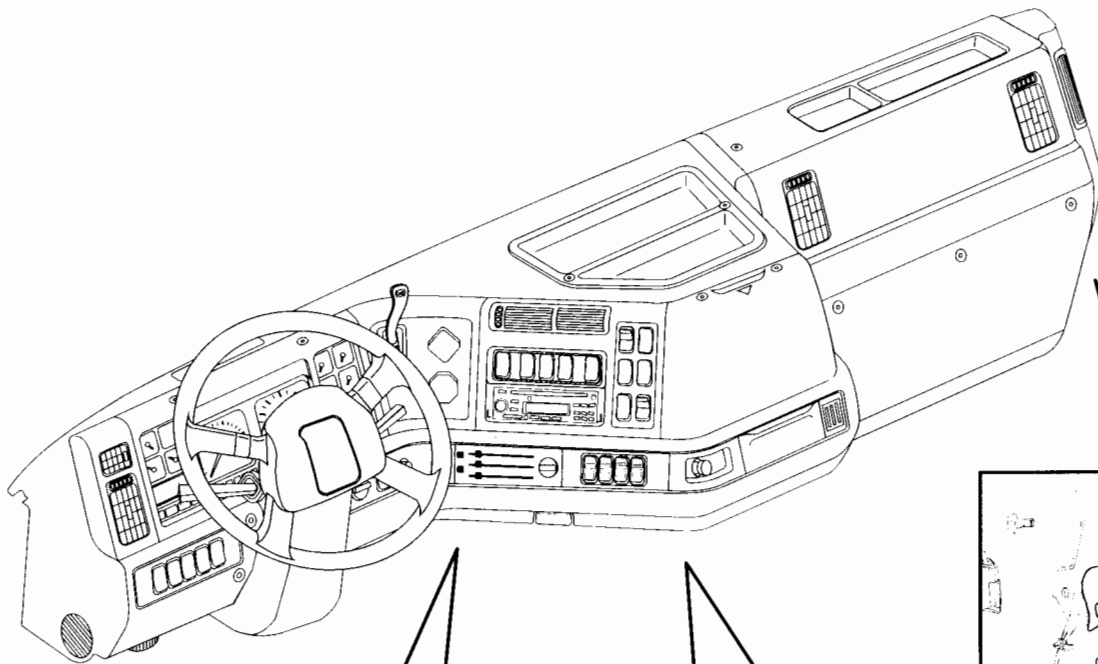
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|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| <br>BUNK CLOCK                |                                                    | <br>OVERHEAD HARNESS<br>BUNK LAMP DRIVER SIDE<br>FLUORESCENT LAMP SWITCH |                                              |
| SPLICE 12F                                                                                                       | VEHICLE LOCATION: 100MM FROM READING LAMP BREAKOUT | SPLICE 131-1                                                                                                                                                  | VEHICLE LOCATION: OVERHEAD BUNK HARNESS - L4 |
| <br>CAB LAMP<br>OVERHEAD BUNK |                                                    | <br>OVERHEAD HARNESS<br>BUNK LAMP DRIVER SIDE                            |                                              |
| SPLICE 4J                                                                                                        | VEHICLE LOCATION: OVERHEAD LAMPS HARNESS           | SPLICE 131-2                                                                                                                                                  | VEHICLE LOCATION: OVERHEAD BUNK HARNESS - L4 |

| SYMBOL DEFINITION          |                                                                                     |
|----------------------------|-------------------------------------------------------------------------------------|
| IDENTIFIES MALE TERMINAL   |  |
| IDENTIFIES CONNECTOR       |  |
| IDENTIFIES CAVITY          |  |
| IDENTIFIES FEMALE TERMINAL |  |

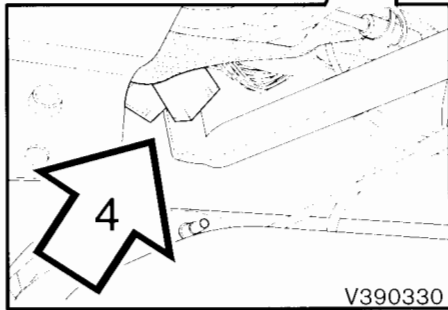
| EFFECTIVE DATE | DESCRIPTION |
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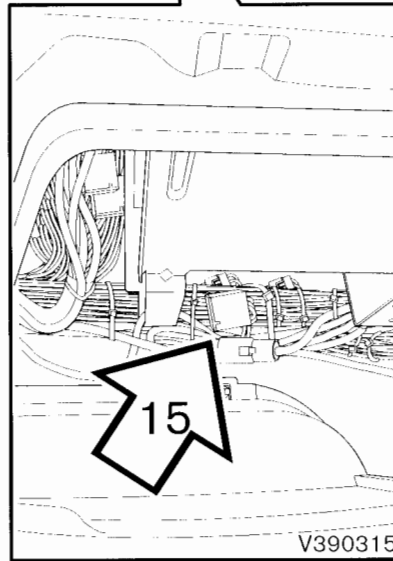




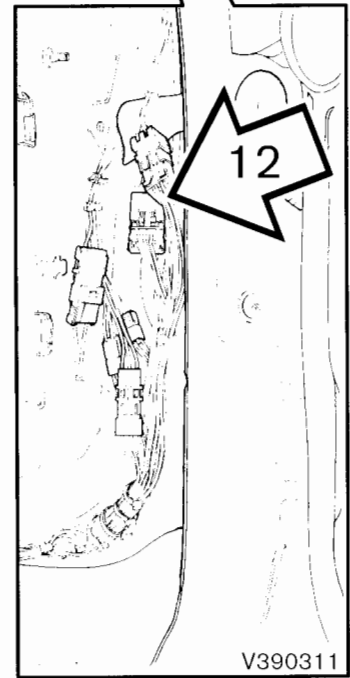
V850168



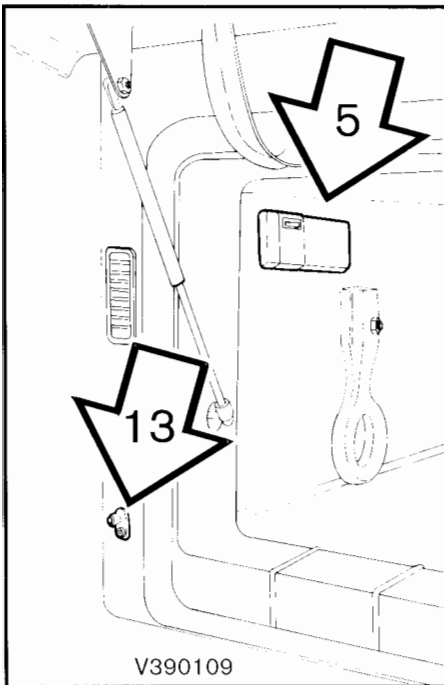
V390330



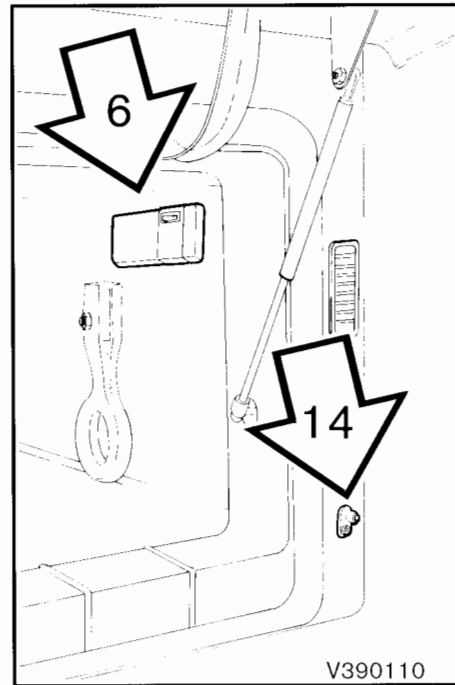
V390315



V390311



V390109



V390110