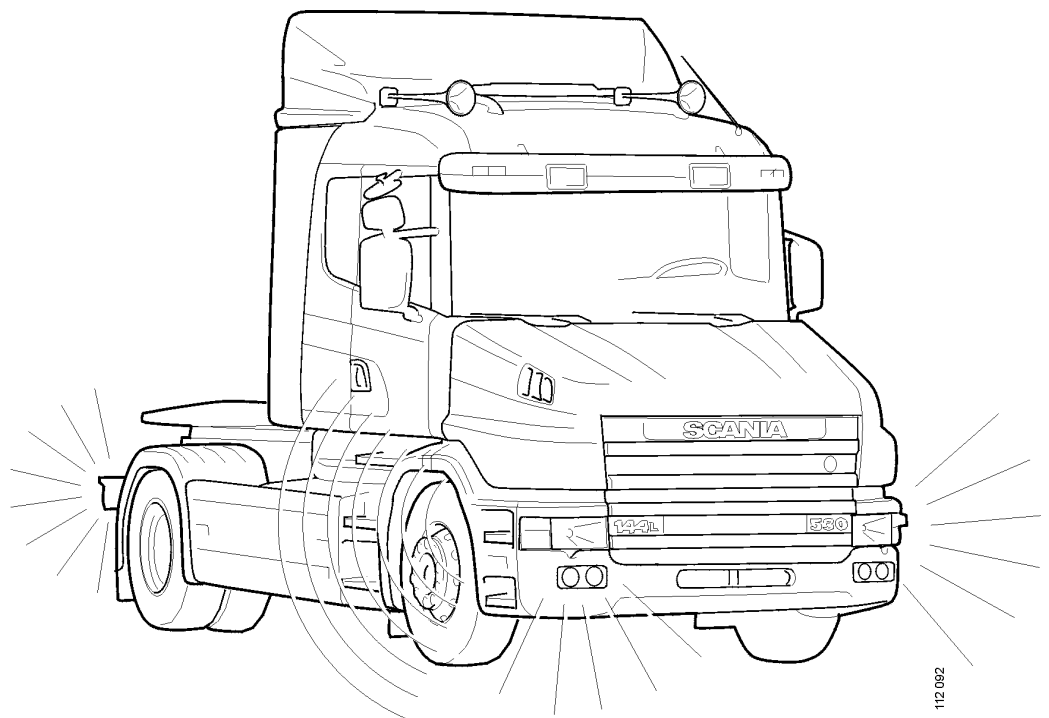


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Issue 1 en

Retrofitting



Alarm and theft protection, VPS

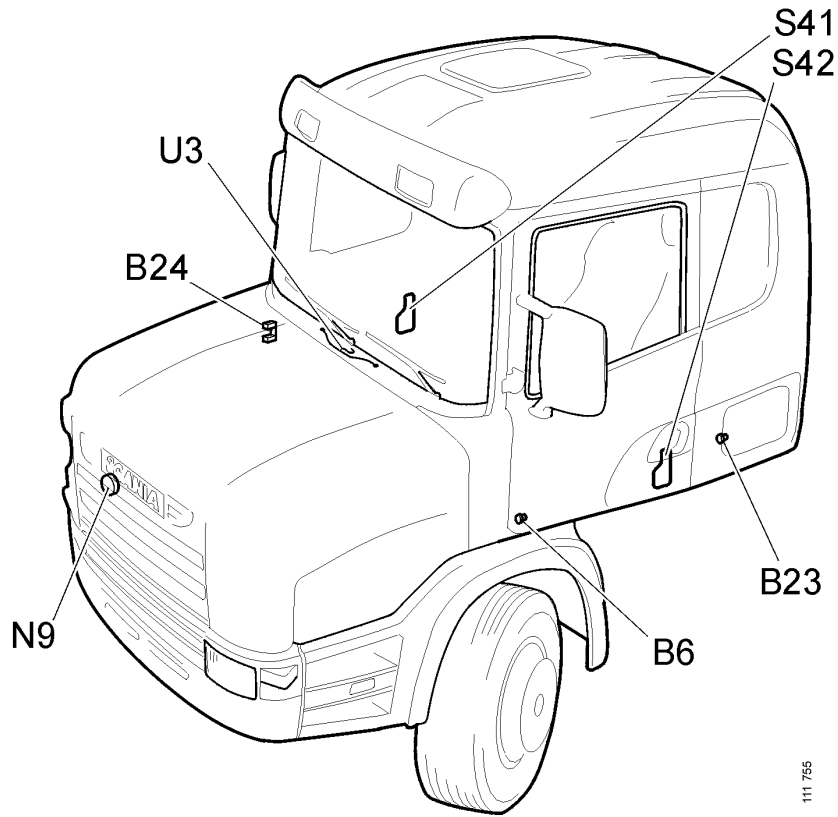
Work description

T cab

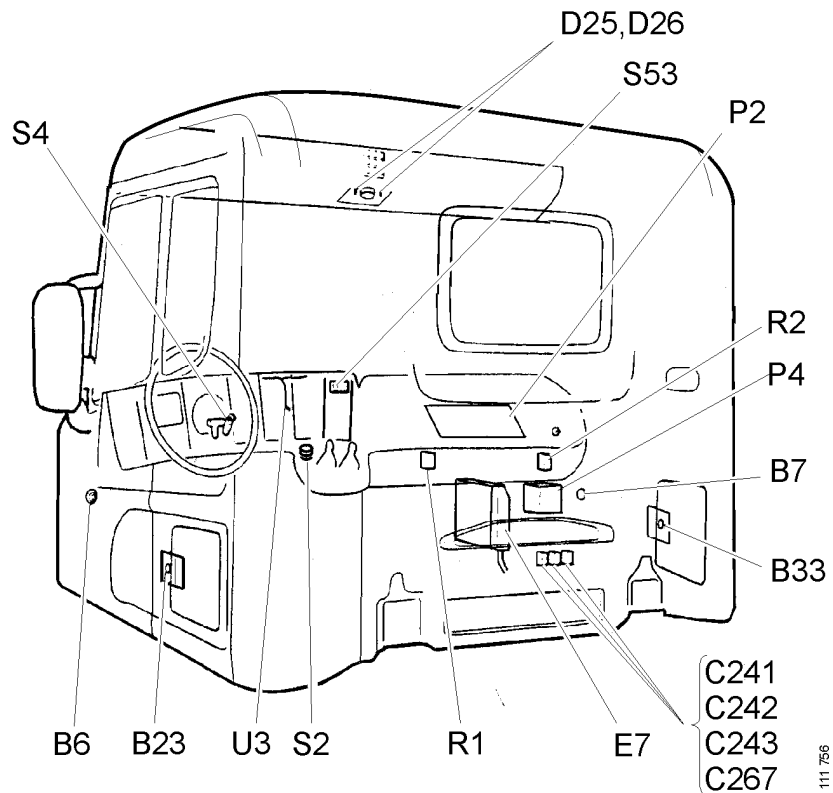
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Component overview

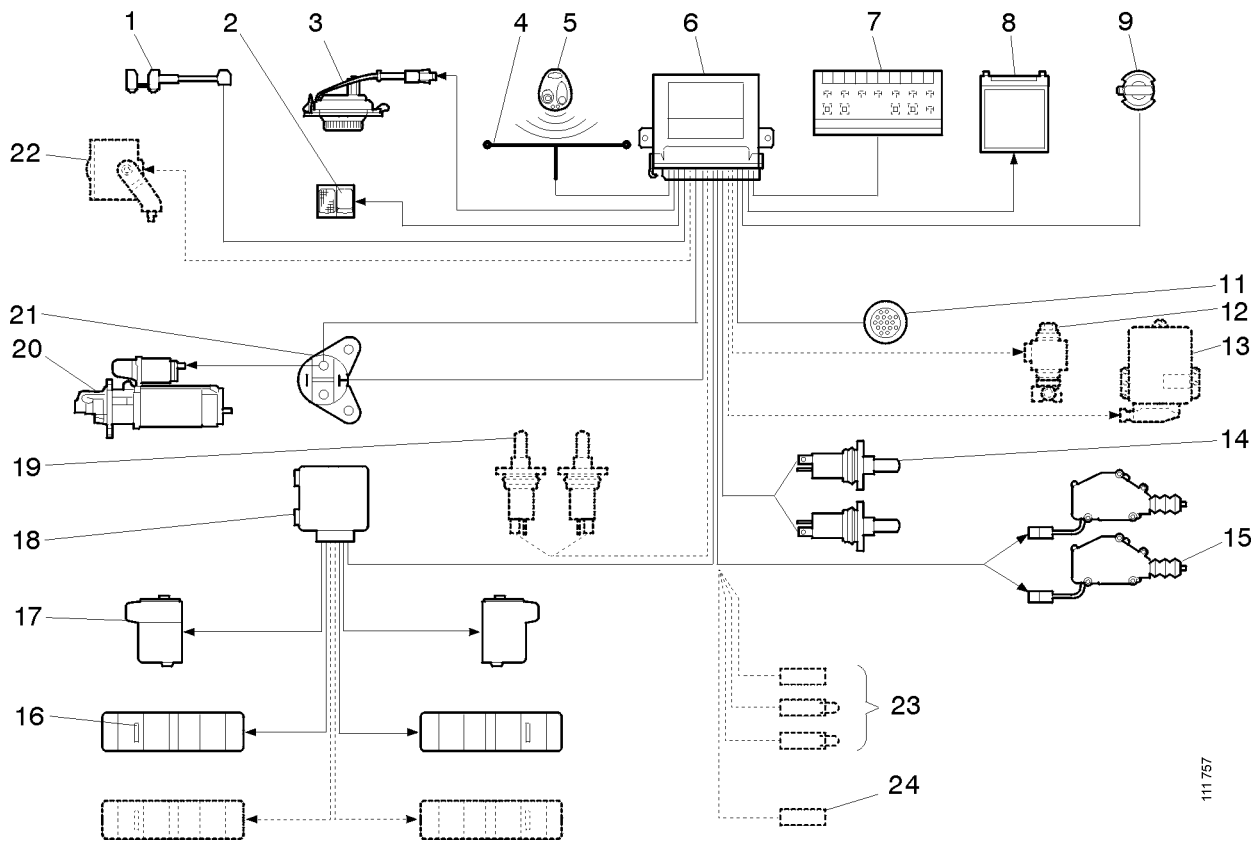


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Component overview



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- | | |
|---|--|
| <p>1 Sensor for grille panel (B24)¹</p> <p>2 Diagnostics switch (S53)</p> <p>3 Light emitting diodes (D25, D26)</p> <p>4 Aerial</p> <p>5 Remote control</p> <p>6 VPS control unit (E7)</p> <p>7 Central electric unit (P2)</p> <p>8 Backup battery (P4)</p> <p>9 Starter lock (S4)</p> <p>10 -</p> <p>11 Diagnostics socket (K1)</p> <p>12 Fuel valve (V45)</p> <p>13 EDC control unit (E12)</p> | <p>14 Door switches (B6, B7)</p> <p>15 Central locking (S41, S42)</p> <p>16 Flashing direction indicators, rear (L37, L38)</p> <p>17 Flashing direction indicators, front (L9, L10)</p> <p>18 Flasher relay (R1)</p> <p>19 Sensors in storage box (B23, B33)</p> <p>20 Starter motor (M1)</p> <p>21 Starter relay (R2)</p> <p>22 Siren (N9)</p> <p>23 Connections for bodywork (C241, C242, C243)</p> <p>24 Output for special alarm</p> |
|---|--|

1. Bracketed figure groups in the wiring diagram are component designations.

General

Conditions

This booklet describes how to fit Alarm and Theft Protection VPS on the T cab.

It covers only the major differences from the booklet "Retrofitting Alarm and Theft Protection VPS, P and R cabs".

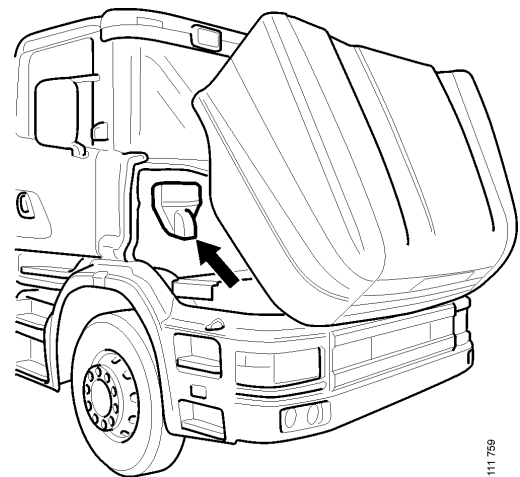
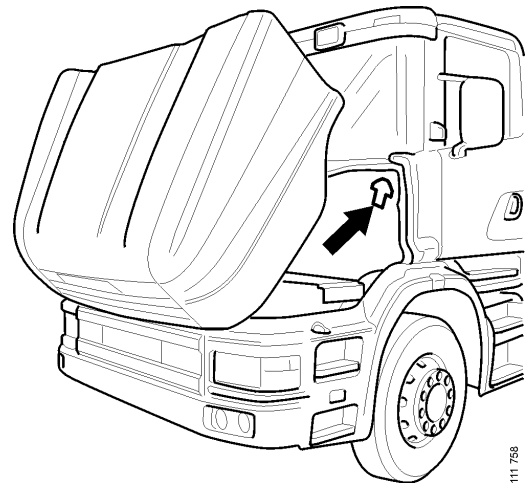
When fitting the alarm on a T cab, follow this booklet with references to "Retrofitting Alarm and Theft Protection VPS, P and R cabs".

While making the connections, see also the wiring diagram for Alarm and Theft Protection, VPS, 16:04-08.

The illustrations are for a left-hand drive (LHD) vehicle.

Preparatory work

- 1 Disconnect the negative cable from the battery.
- 2 Open the bonnet. Remove the covers over the electric lead-throughs, both in front of the central electric unit and in front of the driver.



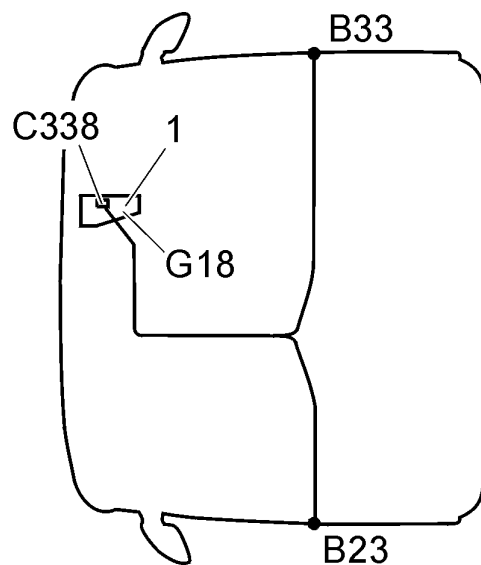
Chapter common to P and R cabs

Fitting the side cover switch

On vehicles with lighting in the side compartment (vehicles after 9804), the switch wiring is pre-installed between the side cover's switch and the connector panel under the central electric unit.

Follow the description for P and R cabs.

When routing the wiring, make sure that no leads run across the service cover in the floor.



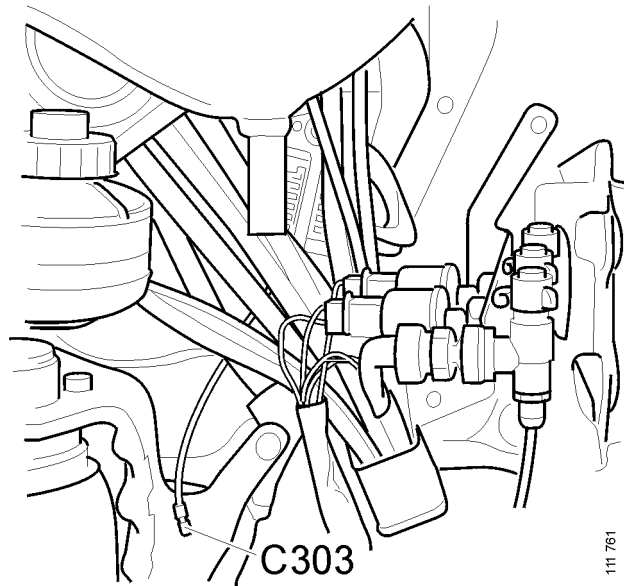
1 Connector panel

Running the wiring in the instrument panel

Follow the description for P and R cabs.

Connection of instrument wiring harness

Follow the description for P and R cabs.



*Corresponding illustration for T cab to point 9
in the booklet for P and R cabs*

Connection of the siren wiring harness

Follow the description for P and R cabs.

Connecting the fuel wiring harness

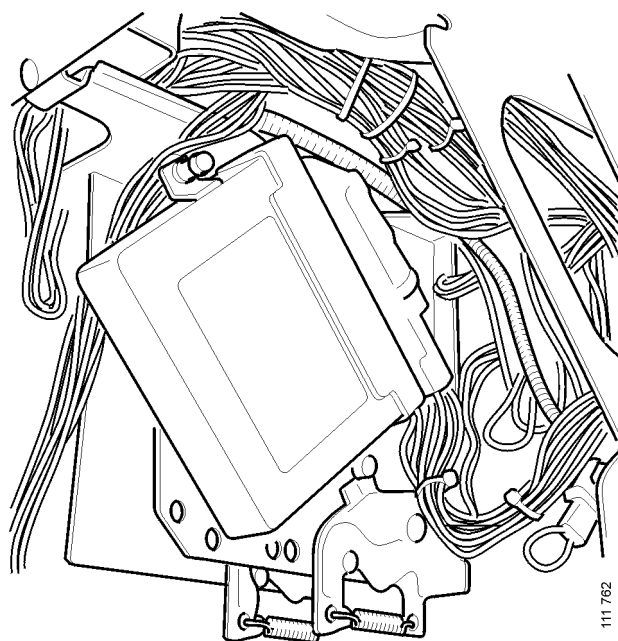
Follow the description for P and R cabs.

Fitting the battery

Follow the description for P and R cabs.

Fitting the control unit

Follow the description for P and R cabs.

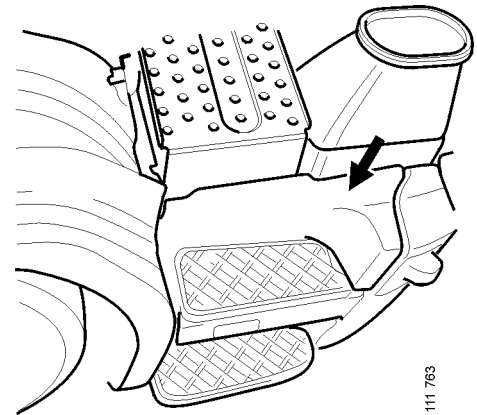


Control unit fitted

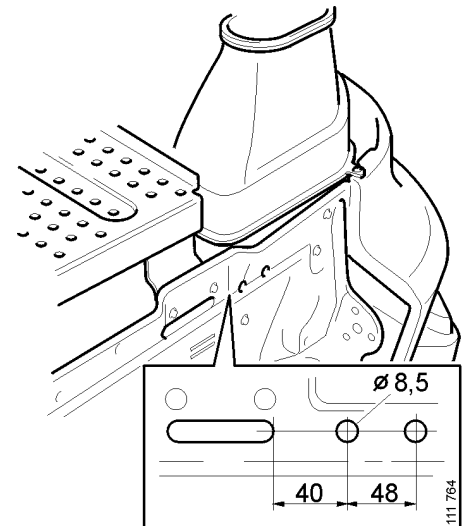
Fitting the siren

The siren is always fitted on the right-hand side.
This applies to both LHD and RHD vehicles.

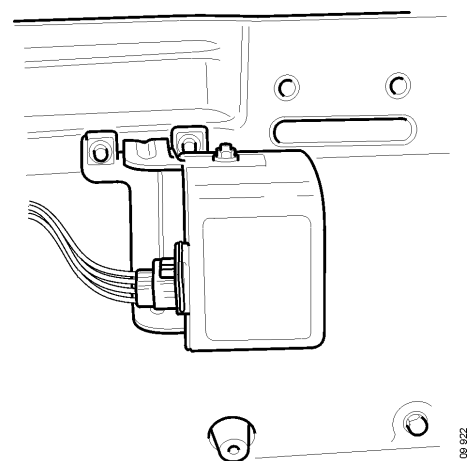
- 1 Open the bonnet.
- 2 Remove the protective cover.



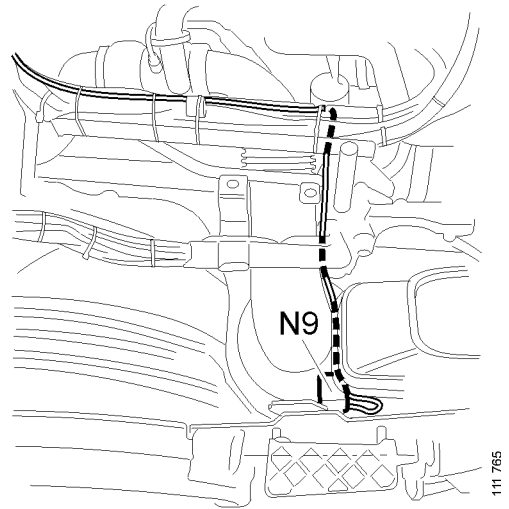
- 3 Drill two holes as shown in the illustration.
Ø 8.5 mm.



- 4 Fit the bracket and siren.
- 5 Connect the wiring.



- 6 Run the wiring harness as shown in the illustration, then under the heater assembly and on to connector C1. Secure to the existing wiring.

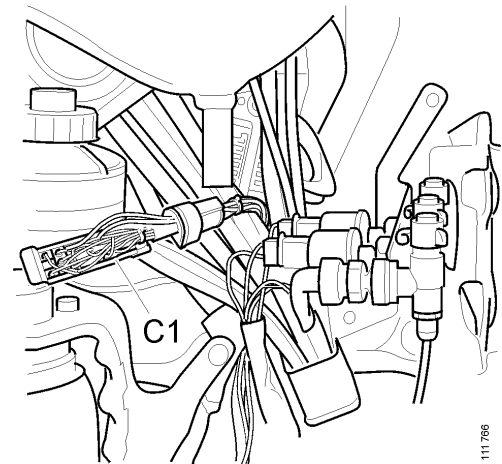


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Run the leads from the siren through the rubber grommet.

- 7 Connect the leads as follows:

- VPS 14 (RD) to C1-13
- VPS 37 (WH) to C1-14
- VPS 24 (VT) to C1-15
- VPS 3 (BK) to C1-16

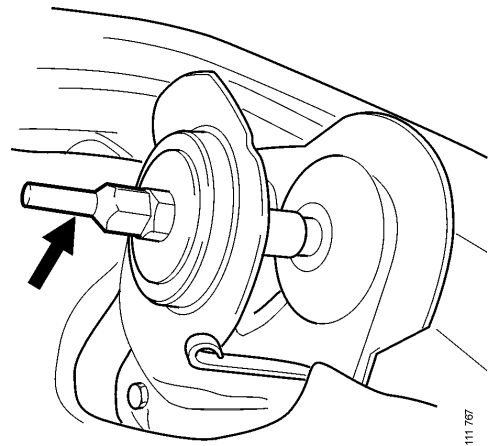


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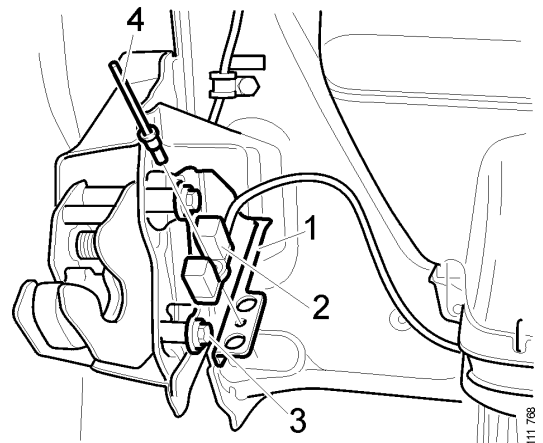
Fitting the bonnet switch

- 1 Remove the outer nut from the bonnet's right-hand catch and replace it with the bonnet switch dowel, see illustration.

The dowel is always fitted on the right-hand catch. This applies to both LHD and RHD vehicles.



- 2 Remove the screws from the right-hand catch and mount the switch bracket in place.
- 3 Replace the earlier screws with the longer screws supplied in the kit.
- 4 Mount the switch by means of blind rivets.
- 5 Run the wiring as shown in the illustration, behind the leads to the lead-through and over to the other side along the existing wiring.
- 6 Secure together with the other wiring.
- 7 Plug the connector into C303.



- 1 Bracket
- 2 Switch
- 3 Bolt, M8x90
- 4 Blind rivet

Miscellaneous

Connection of alarm from body

C241, C242 breaking (opening) function.

C 243 making (closing) function.

C267 Extra alarm function gives earthing in event of alarm.

Commissioning

- 1 Program the control unit and keys as described in "Alarm and Theft Protection, VPS, 16:06-61".

Completion

- 1 Pull off the control unit screws.
- 2 Fit back into place all the covers and panels that have been removed.

Specifications

See the description for P and R cabs.