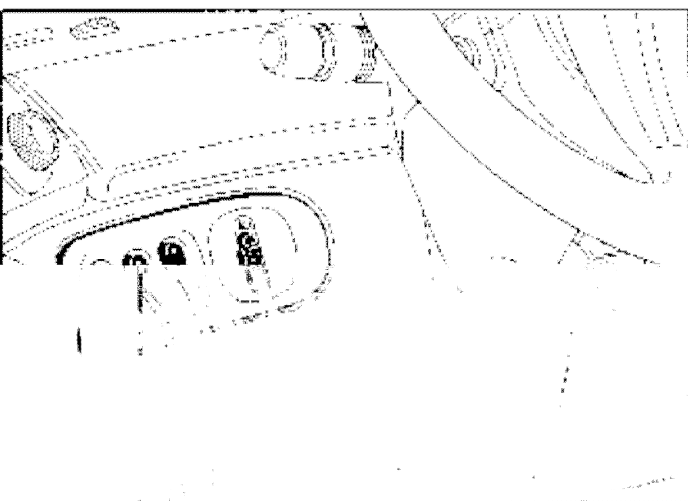


DESCRIPTION

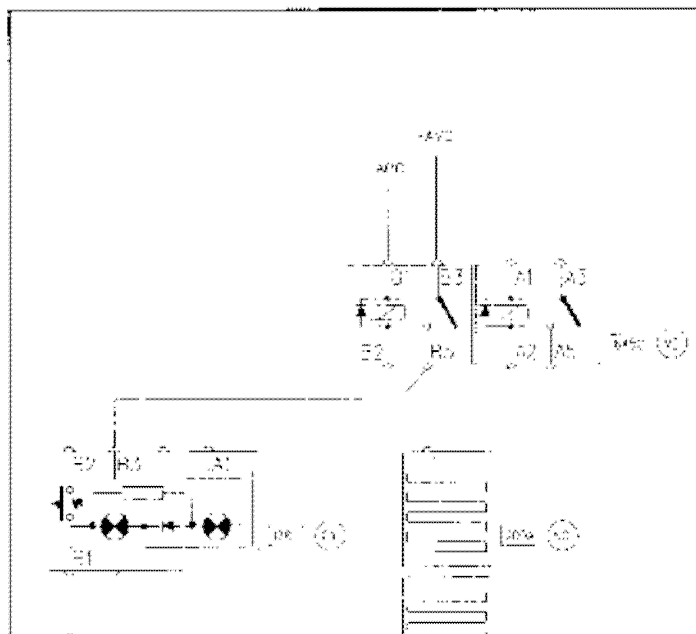
System which enables the rear screen to be electrically demisted by means of a demisting network consisting of screen printing applied to the inside of the glass.

The system is switched on by pressing button (1) or the "see clear" heating control.



The rear screen is heated by 12 individual elements.
The system is electrically connected to a standard rear power socket, into which the unit of the on-off switch connects.

FUNCTIONAL DIAGRAM



+	+5V	+5V
+	+APL	+APL
R40	R40	R40
R20	R20	R20
R20	R20	R20

The demist circuit, consisting of screen printing applied to the inside of the glass, may be accidentally broken, thereby rendering the section of the circuit concerned ineffective.

The exact point of the disconnection may be determined by means of a voltmeter.

It is possible to repair such faults by applying the heated rear screen varnish sold under Part Number 77 01 421 135 (2 g pack).

DETERMINING THE EXACT POINT OF DISCONNECTION WITH A VOLTMETER.

Switch on the ignition.

Switch on the heated rear screen feed.

DETECTION BETWEEN LINES B AND A

Connect the + wire of the voltmeter to the + feed terminal of the rear screen.

Place the - wire of the voltmeter on a filament on the - terminal side of the rear screen (line B). Essentially a voltage equal to the battery must be obtained.

Move the - wire towards line A (arrow): the voltage drops progressively.

If the voltage drops quickly the filament is cut at that point (carry out this operation for each filament).

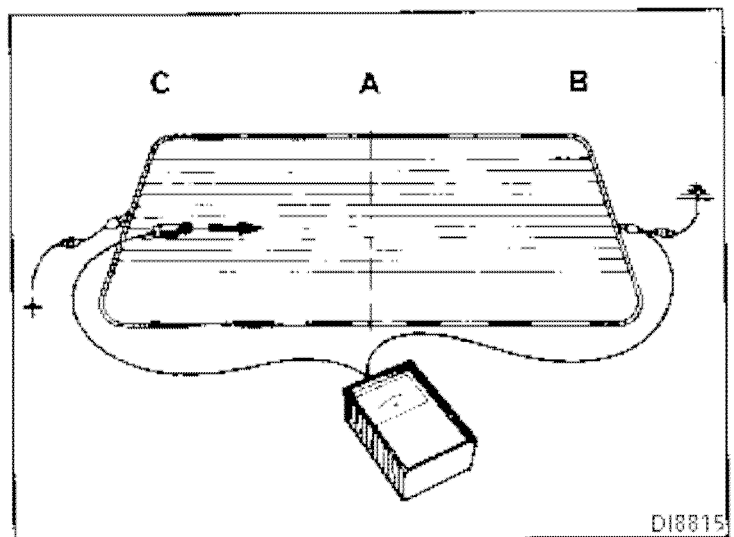
DETECTION BETWEEN LINES C AND A

Connect the - wire of the voltmeter to the - terminal of the rear screen.

Place the + wire of the voltmeter on a filament on the + terminal side of the rear screen (line C); essentially a voltage equal to the battery voltage must be obtained.

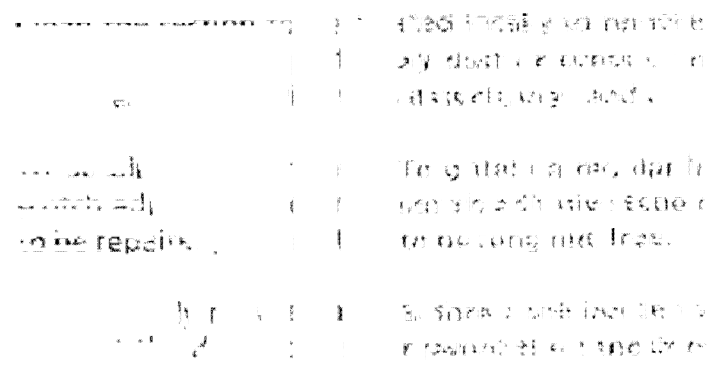
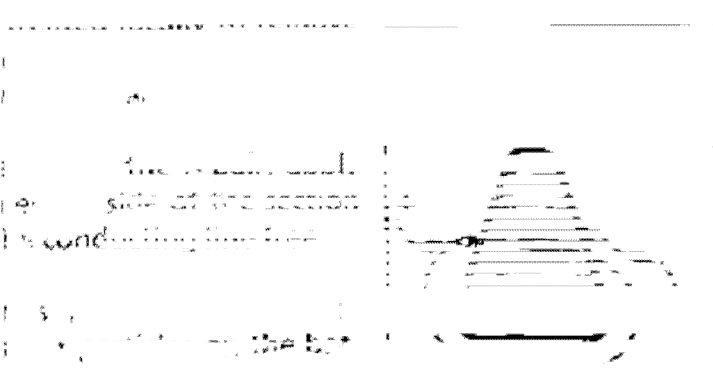
Move the + wire towards line A (arrow); the voltage drops progressively.

If the voltage drops quickly, the filament must be cut at this point (carry out this operation for each filament).



DI8815

REPAIR OF THE FILAMENT



REPAIR

Using a small brush proceed to carry out the repair, applying a sufficiently thick coat. Where successive coats are applied allow drying time between each coat. Do not repeat the operation more than three times.

However, if there is a run it will be possible to eliminate it using the point of a knife or razor blade once the product is sufficiently hardened.

The adhesive tape acting as a guide must not be removed for one hour after application. The tape must be torn off perpendicularly to the resistance in the direction of the arrow. The maximum thickness at an ambient temperature of 20°C, is 0.01mm only in some models. At a lower temperature the drying time should be slightly increased.

