

# SCREENS

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## Screens

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### Front Screen

The laminated front screen is bonded, and sealed, to the body aperture using PU sealant. Heat bonded to the inner surface of the screen is the optical unit for the rain sensor.

Tinted green, with an anti-glare strip, and infra-red reflecting glass available as an optional extra, the front screen has two separate heating systems.

Vertical fine-wire multi-strand elements are fitted between the glass laminations to de-ice and de-mist the screen. At the bottom of the screen six horizontal heating elements bonded to the interior glass surface prevent the wiper blades freezing to the screen during adverse weather conditions.

#### **AIR CONDITIONING, DESCRIPTION AND OPERATION, Operation.**

*NOTE: Front screen heating is not available on vehicles fitted with infra-red reflecting glass.*

The screen is supplied with the heating element flat foil connectors fitted to a moulded sealed terminal block. This terminal block is wired to a connector for connecting to the vehicle harness.

The following should be noted when replacing the front screen:

- 1 Ensure that the screen is electrically disconnected
- 2 Before and during fitting the screen ensure that the heater elements foil connectors are taped to the screen to avoid damage to the connectors
- 3 Avoid excessive use of sealant. When correctly fitted the sealant bed should not exceed 5mm in thickness.

### Tail Door Window

The tempered glass tinted green rear window is bonded to the upper tail door frame using PU sealant. Fitted to the inner surface of the rear screen are the heating elements and antenna for FM1/FM2, wavetrapp HF and Central Door Locking (CDL) systems.

The heating element is connected by 2 lucar terminals while the antenna is connected to the vehicle by a 2-pin connector at the top of the screen.

The following should be noted when replacing the rear screen

- 1 Ensure that the screen is electrically disconnected.
- 2 Avoid excessive use of sealant. When correctly fitted the sealant bed should not exceed 5mm in thickness.