



# CAR RADIO INSTALLATION INSTRUCTIONS

PAMPHLET 77351  
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Issue 1 (30-3-76)

Supplied by Amalgamated Wireless (Australasia) Ltd.

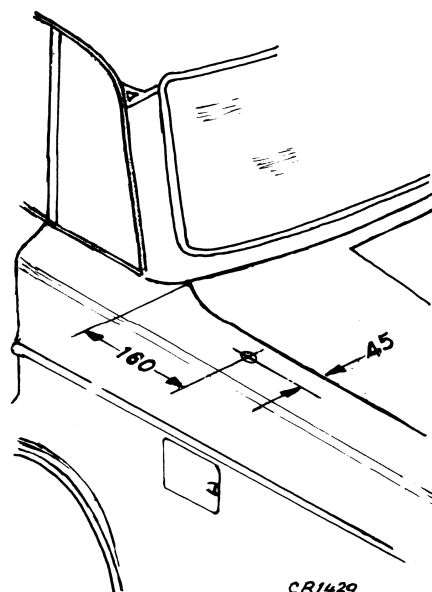
KIT No. : 81871/001  
RADIO : RU-130B, RU-140A, RU-348A, RU-349A.  
WHERE USED : VOLVO 142/4, 242/4, 164/264.  
WARNING : These receivers are designed for 12V d.c. negative earth operation only. Connection to wrong polarity will damage the radio and void the Warranty.

WARRANTY SERVICE: Fill in the details required on the Warranty Service page of the Owner's Manual, recording in particular the receiver serial number.

PREPARATION : Disconnect car battery earth lead.  
Remove insulation panels under instrument panel and side panels on the console.

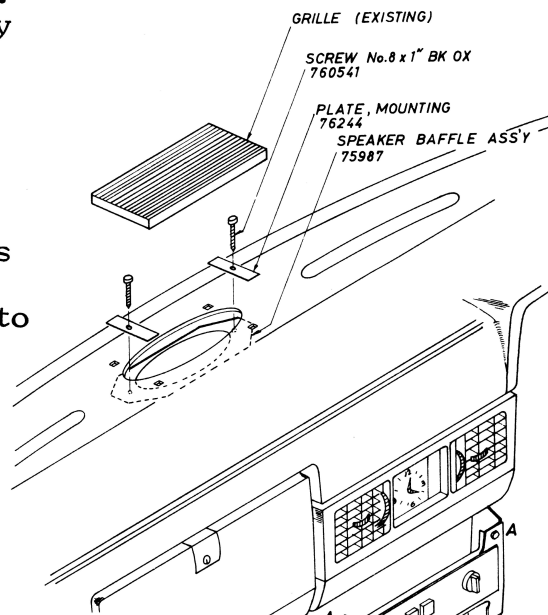
## 1. AERIAL.

- 1.1 The aerial mounts on the passenger-side rear fender.
- 1.2 Drill a small hole, where indicated, and enlarge to the size required.
- 1.3 Clean paint from around the under side of hole to ensure good electrical connection.
- 1.4 Mount aerial, connect aerial extension cable and route it to radio position.
- 1.5 If a motorised aerial is fitted, mount aerial switch on a blank segment of the switch panel in the console.



## 2. SPEAKER MOUNTING - MONO.

- 2.1 Front Speaker Kit 81871/002.  
Fit in position provided on top of the instrument panel (see Fig. 2)
  - Carefully prise grille off panel.
  - Angle speaker and baffle assembly through opening and clamp into position with mount plates and screws.
  - Refit grille.
- 2.2 If a rear speaker is required, it is installed as follows:-
  - Remove the rear seat. Undo clips and remove rear squab.
  - Use 7" x 5" speaker as template to drill four 5mm mounting holes around existing hole under rear shelf.
  - Cut opening through board and carpet to match speaker.
  - Secure the grille and speaker with four screws and wing nuts.
  - Fit front/rear fader control, if required, to a blank segment of the switch panel in the console.



### 3. SPEAKER MOUNTING - STEREO

- 3.1 Either a two speaker or a four speaker system may be installed to suit the customer's requirements.
- 3.2 If a four speaker system is used a front/rear fader control may be fitted on a blank segment of the switch panel in the console.

### 4. RECEIVER MOUNTING. Refer Fig. 3

- 4.1 Remove screws securing console front panel and carefully lift it sufficiently clear to gain access to the metal support panels.
- 4.2 The console glove box must be removed as follows:-
  - Remove four "A" bolts.
  - Move control plate forward and remove screws "B" securing glove box (two or four screws may be fitted).
  - Remove and discard glove box.
  - Refit control plate making sure earth leads are secured by top left hand bolt.
- 4.3 Add washers to radio spindle bushes where shown, for mounting plate, trimplate, inserts and secure with nuts and black washers. Fit control knobs.
- 4.4 Place radio assembly in position and secure mount plate with four "B" screws.
- 4.5 Secure rear strap to radio. Drill 3,5mm mounting hole into transmission tunnel and secure rear strap to tunnel.
- 4.6 Connect aerial and speaker leads (or fader) to radio. Connect radio power lead to fuse No. 2 on fuse panel near passenger-side door.
- 4.7 Reconnect car battery and adjust Aerial Trimmer.
- 4.8 Refit panels under instrument panel and to sides of console. Refit console front panel.

### 5. SUPPRESSION - AM

- 5.1 Ignition Coil: Connect push-on terminal of capacitor to battery terminal of coil and clamp body under coil mounting bolt.
- 5.2 Ignition Coil: Cut lead between coil and distributor and screw each firmly into suppressor.
- 5.3 Alternator: Connect other capacitor to output terminal (large red lead) and clamp body to rear of alternator with existing nut.
- 5.4 Cars with transistorised ignition systems:
  - V6 Engine and air conditioning: Connect short earth braid between black box (electronic ignition) and compressor motor mounting bolt.
  - Four cylinder engine: Connect long earth braid between black box and engine.

### 6. SUPPRESSION - FM Kit 81871/003

- 6.1 Windscreen Wiper Motor Suppressor:  
Unplug cable to motor and connect suppressor to motor and cable. Clamp suppressor earth under a convenient motor housing screw.
- 6.2 Horn Suppressor:
  - Remove grille retained by two fasteners.
  - Remove horn assembly held by 14mm screws.
  - Clamp suppressor die cast cover to high note horn mounting nut.
  - Disconnect cables from horns and connect the single ended leads to the suppressor insulated male terminals. Wrap insulation tape around other horn leads.
  - Plug suppressor lead to the horns. Refit horns and grille.

