



CAR RADIO INSTALLATION INSTRUCTIONS

PAMPHLET 78715
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Issue 1 (5-7-76)

Supplied by Amalgamated Wireless (Australasia) Ltd.

KIT No. : 81275/001

WHERE USED : FORD XC FALCON/ZH FAIRLANE

RADIO : RU-130, RU-140, RU-155, RU-345, RU-349.

WARNING : These receivers are designed for 12V d.c. negative earth operation only. Connection to incorrect supply will damage the receiver 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 Serial Number.

Disconnect the car battery earth lead.

1. AERIAL MOUNTING. Top Cowl, Lock Down or Motorised Types.

1.1 For AM radios the aerial may be mounted the passenger-side front fender as shown in Fig. 1.

For FM radios it is advisable to mount the aerial on the driver-side rear fender.

1.2 Drill a small hole and then enlarge to the size required.

1.3 Thoroughly clean an area of paint from around the underside of the hole to ensure good electrical connection. Coat exposed metal with petroleum jelly.

1.4 With aerial cable firmly attached mount aerial.

1.5 For front aerial:

- Remove and piece a hole through the grommet on the cowl side panel above the inside lining.

- Use a piece of wire, hook aerial cable through grommet hole.

- Pass grommet over cables and refit it in the hole.

It is essential that the grommet be correctly fitted and sealed as it is in a critical water drain area.

1.6 Route aerial cable to radio position but keep it well clear of car wiring harnesses.

2. SPEAKER MOUNTING - MONO Refer Fig. 2

2.1 Remove grille on top of instrument panel (2 screws).

2.2 Fit four speed nuts to speaker opening. Secure strap to front speed nuts. Peel backing off estafoam tape and attach it to the strap.

2.3 Attach the gasket and seal assembly to the speaker with a small amount of PVA glue.

2.4 Place speaker into position, fit grille and secure with original screws.

3. SPEAKER MOUNTING - STEREO - FRONT Refer Fig. 3

3.1 Provision is made for fitting 150 x 100 mm speakers behind the cowl side trims.

3.2 Remove left and right hand cowl side trim panels.

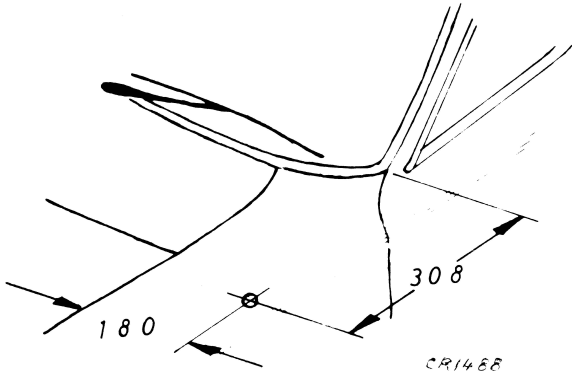
3.3 Drill 3mm dia. mounting holes at dimples provided.

- 3.4 Connect speaker leads to speakers and secure the speakers with screws and washers.
- 3.5 Refit trim panels.
4. SPEAKER MOUNTING - STEREO- REAR Kit 76284/OO3 Refer Fig.4.
 - 4.1 Locate speaker hole at each end of rear parcel tray. From inside the luggage compartment, drill 6mm dia. holes through the trim, using holes in the parcel tray as guides.
 - 4.2 Place 175 x 125 mm speaker template over these holes. Mark and cut out speaker opening in the trim and felt pad.
 - 4.3 Fit grilles and speakers as shown, connect and route speaker leads to radio position.
5. FADER CONTROL.
 - 5.1 If front and rear speakers are fitted a front/rear fader should be installed.
The fader may be mounted lower curved section under the instrument panel to the left of the steering column.
Check position carefully to avoid moulded webs and cable forms.
Drill 10mm hole, mount fader and connect up speaker cables.
6. RECEIVER MOUNTING. Refer Fig. 5.
 - 6.1 Remove two screws from base of radio bezel, tilt base forward and free top retaining lugs.
 - 6.2 Remove and discard radio cover (2 nuts).
 - 6.3 Remove ashtray and its carrier (three screws) and fit speed nuts to moulded panel. Refit ashtray and carrier.
 - 6.4 Fit rear bracket and earth lead to radio.
(For RU-130 and RU-155 fit lead only).
 - 6.5 Secure earth lead to an existing screw with 1/4" Whit. nut. Connect aerial and speaker/fader leads to the radio. Connect L T lead as shown in Fig. 6.
 - 6.6 Re-connect car battery lead and adjust Aerial Trimmer.
 - 6.7 Fit spacers and brackets to the spindle bushes. Insert radio and secure front brackets with No. 8 x .5" S/T screws.
 - 6.8 Refit radio bezel. Add trimplate, trim inserts ("Tuning" insert to left spindle), washers and secure with M9 nuts. Fit control knobs.
7. SUPPRESSION - AM.
 - 7.1 Ignition Coil: Connect capacitor under switch (+) terminal of the coil. Mount capacitor body to coil mounting bolt.
 - 7.2 Regulator: (On separate unit regulators only). Cut existing terminal off other capacitor and fit 1/4" quick-connect female terminal. Connect capacitor to spare terminal of regulator fitted to right-hand wheelhouse and secure under a regulator mounting bolt.

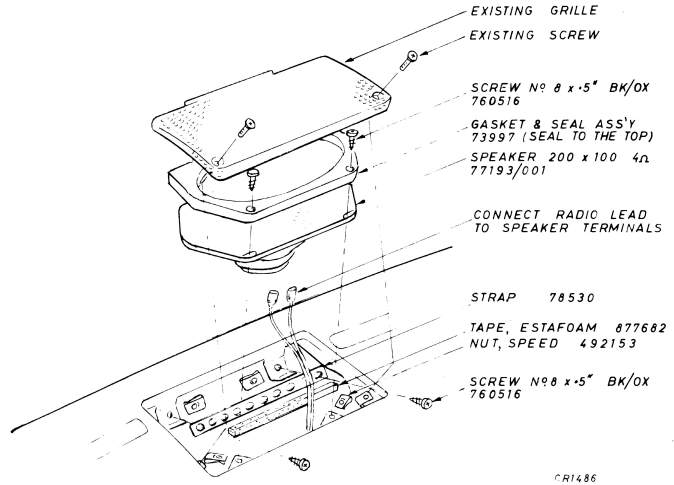
- 7.3 V8 Engine-Earth Braid: Clamp braid under first bolt on lower side of engine rocker cover. Drill 3mm (1/8") hole in driver-side suspension tower and secure other end of braid with No. 8 x .375" S/T screws and washer.

8. SUPPRESSION - FM KIT 81275/003

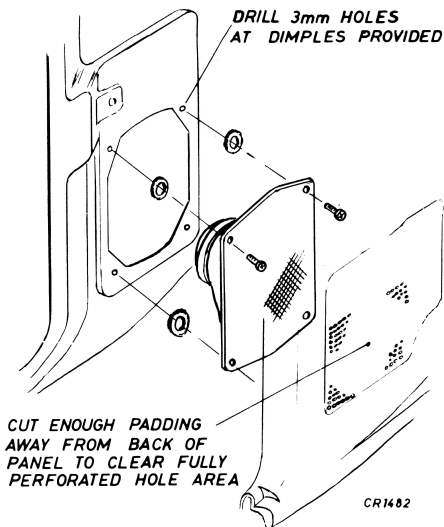
- 8.1 Bonnet Earth: The two braids supplied are to earth the hinged corners of the bonnet to the chassis. Connect braids between rear mount bolts of the bonnet hinge and the outside screws in the cowl channel. Clean paint from the contact areas and coat exposed metal with petroleum jelly before fitting the braids.



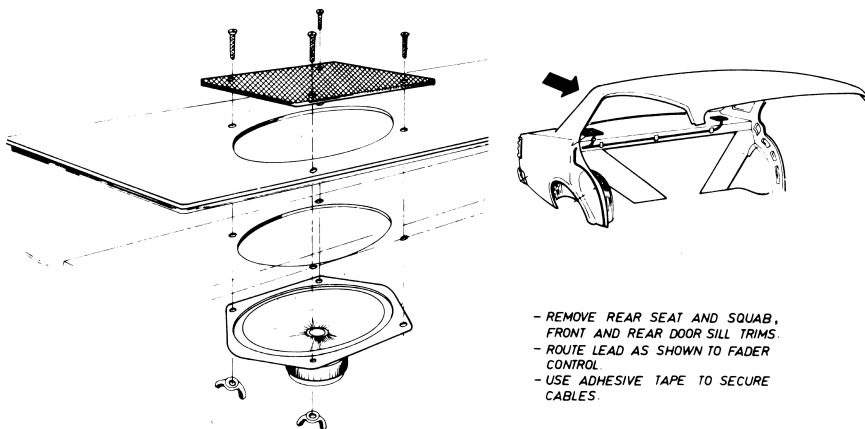
Front Aerial Mounting
Fig. 1.



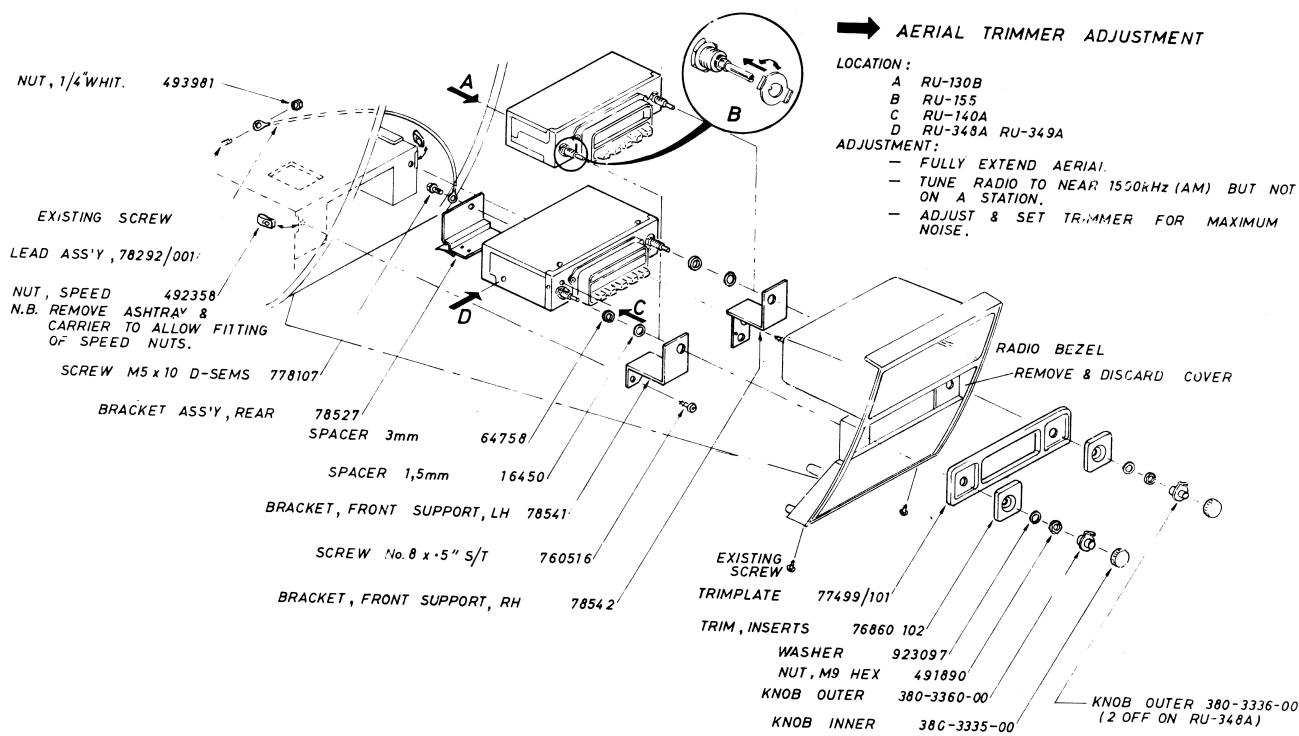
Front Speaker - Mono
Fig. 2.



Front Speakers - Stereo
Fig. 3.

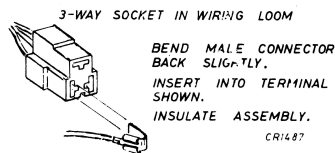


Rear Speakers - Stereo
Fig. 4.



Radio Mounting
Fig. 5.

CR1485



L T Connection
Fig. 6