



# CAR RADIO INSTALLATION INSTRUCTIONS

PAMPHLET 77350  
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Issue 1 (2-3-76)

Supplied by Amalgamated Wireless (Australasia) Ltd.

KIT No. : 81334/001

RADIO : RU-130B, RU-140A, RU-348A, RU-349A.

WHERE USED : HQ HOLDEN

WARNING : These receivers are wired for 12V d.c. negative earth operation only. Connection to incorrect polarity 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.

## 1. PREPARATION.

- 1.1 Disconnect car battery earth lead.
- 1.2 Remove cigar lighter from the socket.
- 1.3 Remove covering from under instrument panel (four black screws at front, two large chrome ones at rear).
- 1.4 Pull headlight switch to ON position and, from behind instrument panel, press in button on the side of the switch to release switch shaft.
- 1.5 Remove and take note of the sizes and locations of four screws securing facia panels.

## 2. AERIAL MOUNTING. Refer Fig. 1.

- 2.1 Mount aerial on passenger-side front fender.
- 2.2 Drill a small hole where shown and enlarge to size required.
- 2.3 Clean an area around the under-side of hole to ensure good electrical connection. Cover exposed metal with petroleum jelly.
- 2.4 Mount aerial and feed cable into car as shown.

## 3. SPEAKER MOUNTING: MONO

Standard installation is a 225x150 speaker and baffle assembly mounted under the grille on top of the instrument panel. Alternatives available are a rear mounted speaker or a front and rear speaker combined with a fader control.

### 3.1 Front Speaker Kit 81334/002:

- Remove wing nuts and studs clamping the heater nozzles. N.B. Take care not to drop studs or wing nuts down the nozzles.
- Place speaker and baffle assembly in position, refit studs and nozzles and secure with wing nuts.

### 3.2 Rear Speaker. 175x125.

- Remove rear seat and squab.

### 3.2 Rear Speaker 175x125 (Cont'd)

- From inside boot use existing speaker mounting holes in metal panel as a template to drill four speaker mounting holes through parcel shelf liner.
- Remove liner. Locate speaker template over mounting holes, mark and cut out speaker opening.
- Refit liner. Place speaker under the shelf, the grille above the liner and secure with screws and wing nuts.
- Connect extension lead to speaker (trace lead to phase mark) and route lead to radio position.
- Refit rear seat and squab.

## 4. SPEAKER MOUNTING: STEREO

Stereo speaker installation may be 175x125 speakers mounted on side cowl trim panels or the same speakers mounted on the rear parcel tray or both combined with a front/rear fader control.

### 4.1 Front Speaker Kit 76284:

- Remove left and right cowl side trim panels.
- Locate indent marks on trim corresponding to speaker mounting points. Drill 5mm mounting holes.
- Place templates over holes, mark and cut out speaker opening.
- Place grille on outside, speaker on inside of the trim and secure with screws and wing nuts.
- Fit speaker leads (trace lead to phase mark) and route them to the radio position.
- Refit trim panels.

### 4.2 Rear Speaker Kit 76284.

Speaker locations are provided under the rear parcel tray. Fit speakers as in 3.2 above.

## 5. FADER MOUNTING.

- 5.1 Space is provided on the instrument panel beside the cigar lighter.
- 5.2 There is a dimple on the facia panel corresponding to fader location. Drill 10mm hole in facia.
- 5.3 Mount fader as shown in Fig. 2.

## 6. RECEIVER MOUNTING. Refer Fig. 2.

- 6.1 Radio is mounted as indicated in the diagram.
- 6.2 Connect aerial and speaker or fader control to radio. Connect radio LT lead to spare accessory terminal on the fuse panel under the instrument panel.
- 6.3 Re-connect car battery lead and adjust Aerial Trimmer.

## 7. SUPPRESSION - AM.

Suppression for ignition coil alternator and regulator (Bosch only) is required as shown in Fig. 3.

8. SUPPRESSION - FM using Kit 81335/003

8.1 Windscreen Wiper Motor: Noise Suppressor.

Insert noise suppressor between motor and plug as shown in Fig. 4

8.2 Earth Braid:

.1 Engine to chassis:

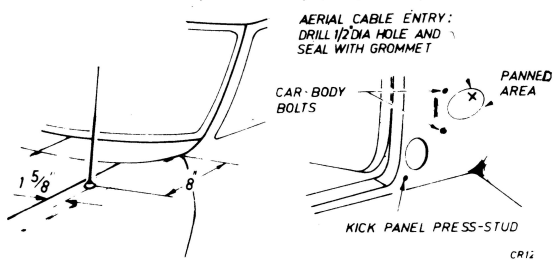
- Use 200mm braid for 6-cylinder; 170mm braid for 8-cylinder:
- Use braid to bridge the passenger-side front engine mounting block.
- Drill holes, using No. 27 drill in the support and chassis cross member.
- Clean all paint from around these holes and cover exposed metal with petroleum jelly.
- Secure braid to each point with No. 8 x 3/8" S/T screws and plain washers.

.2 Bonnet.

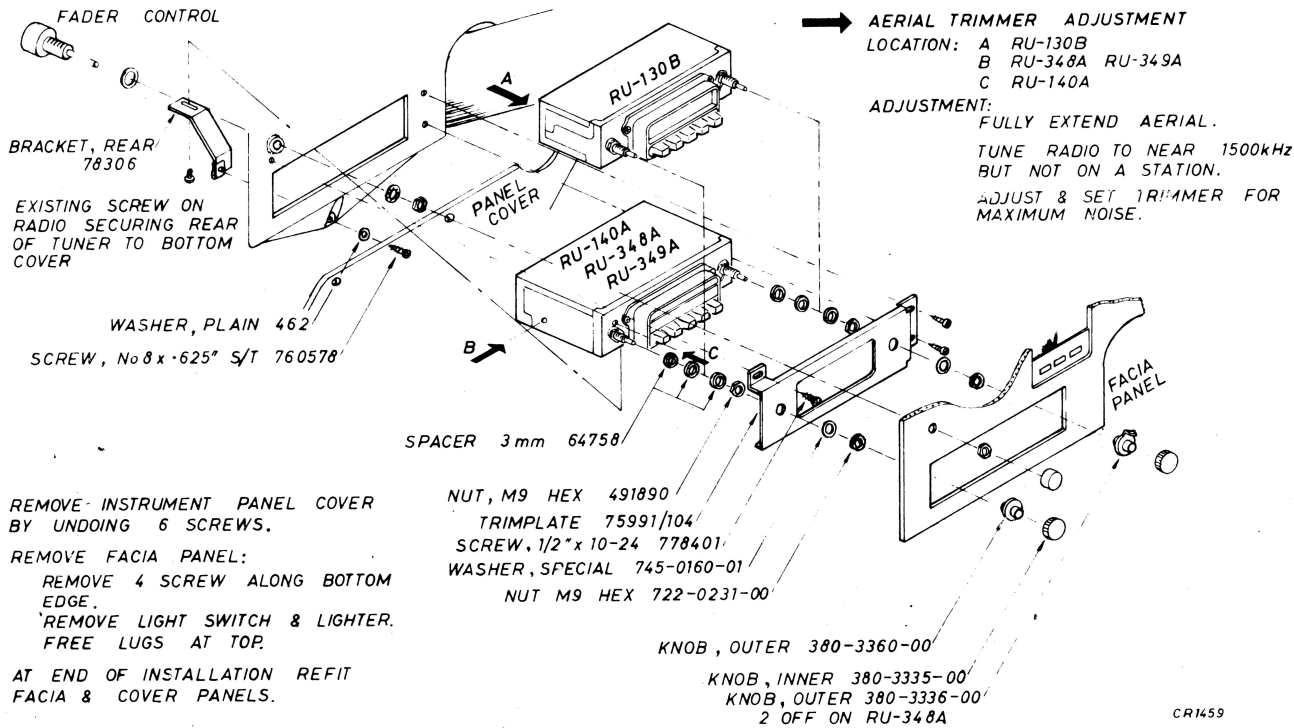
- Use 250mm braid lead assembly for 6-cylinder; 200mm braid for 8-cylinder.
- Use braid between body and bonnet near the passenger-side hinge.
- Drill 1/8" dia. hole in the under side double skin of the bonnet in line with rear rubber cushion.
- Drill 1/8" dia. hole in body in line with rear of the rear hinge strut.
- Prepare surfaces and mount as in .1 above.

.3 Bonnet:

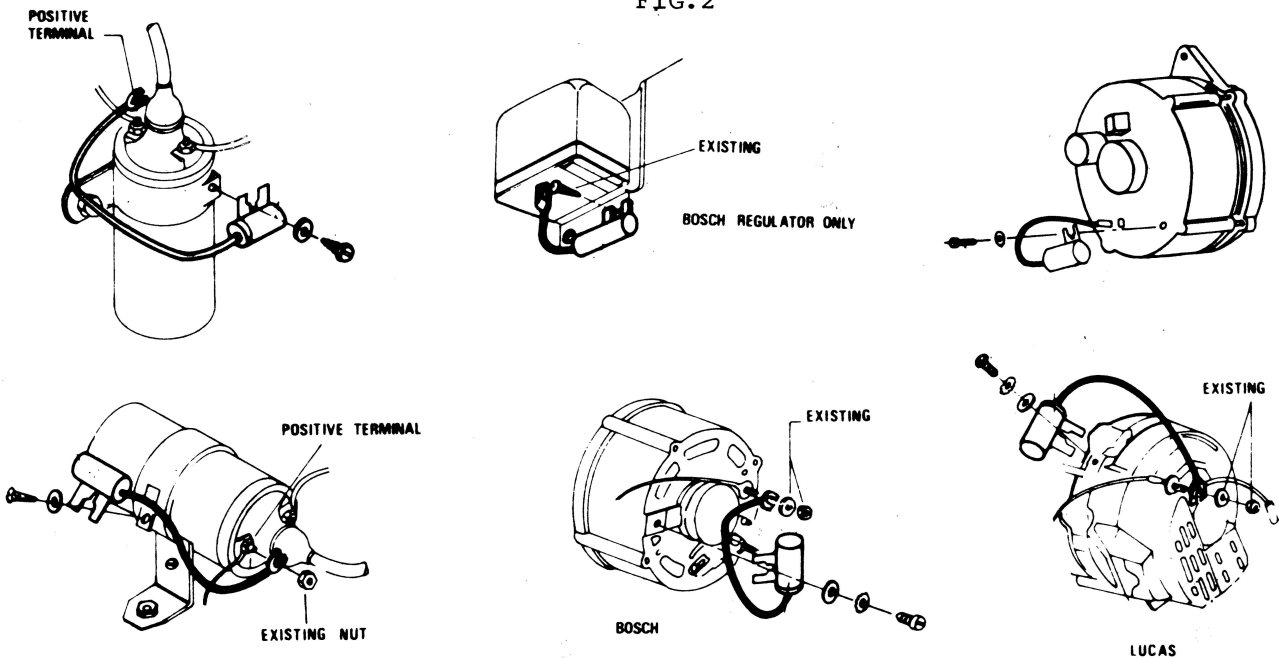
- Use 250mm braid lead assembly for 8-cylinder vehicles only.
- The braid is used to effectively earth the front of the bonnet.
- Clamp spade lug end under alternator adjusting bolt.
- Mount other end to plate beside radiator. Drill 1/8" dia. hole, prepare surface and mount as in .1 above.



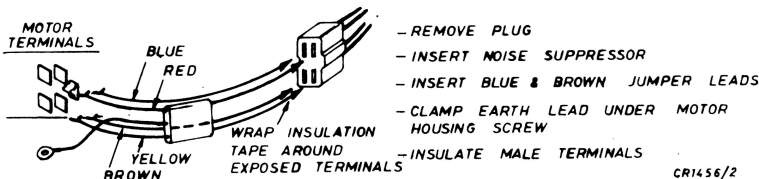
AERIAL MOUNTING  
FIG.1



RADIO INSTALLATION  
FIG.2



AM SUPPRESSION  
FIG.3



WINDSCREEN WIPER MOTOR FM SUPPRESSION  
FIG.4