CAR RADIO INSTALLATION INSTRUCTIONS

Supplied by Amalgamated Wireless (Australasia) Ltd.

KIT No. : 81274/001

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

WHERE USED : XA/XB FORD FALCON; ZF/ZG FORD FAIRLANE.

WARNING : These receivers are suitable for 12V d.c. negative earth operation only. Connection to wrong polarity will damage the receiver and void the Warranty.

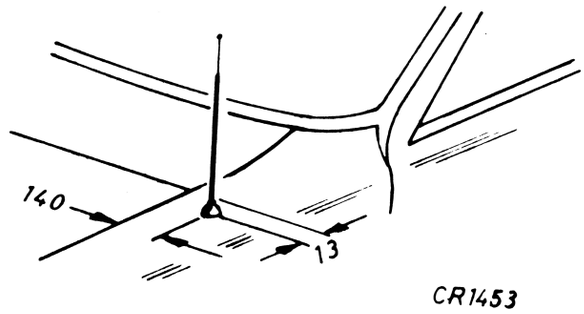
WARRANTY SERVICE: Fill in the details required on the Warranty Service page of the Owner's Manual, recording in particular the Serial Number.

Before installation disconnect battery earth lead.

1. AERIAL MOUNTING:

1.1 Aerial mounts on passenger-side front fender as shown.

1.2 Drill small pilot hole and enlarge to size required. Clean area of paint from under side of hole to ensure good electrical connection.



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1.3 Mount aerial (with lead firmly attached) and route aerial cable into car through grommet on cowl side panel above the inside lining. It is essential that this grommet is correctly fitted and sealed as it is in a critical water drain area.

2. SPEAKER MOUNTING - MONO

Standard installation is a 175 x 125 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.

2.1 Front Speaker Kit 81274/002: Mount speaker and baffle assembly to instrument panel below the grille as shown in Fig. 2.

N.B. As speaker leads must be connected to speaker lugs, it may be more convenient to do this before installing the speaker.

2.2 Rear Speaker Additional 175 x 125 if required.

- From inside luggage compartment locate speaker hole in rear parcel tray. Drill 6mm holes through the trim, using holes in the parcel tray as guides.

- Place speaker template over holes, mark and cut out speaker opening in the trim and felt pad.

- Mount speaker fit and route lead as shown in Fig. 3.

3. SPEAKER MOUNTING - STEREO

Stereo speaker installation may be 150 x 100 speakers mounted on side cowl trim panels or 175 x 125 speakers mounted on rear parcel tray or both combined with a front/rear fader control.

3.1 Front Speaker Kit 76285. Refer Fig. 4.

- Remove left and right hand cowl side trim panels and mark and cut out speaker opening to template supplied.
- Secure grilles and speakers to trim panels with screws, washers and wing nuts.
- Feed front speaker leads to radio position.

3.2 Rear Speaker Kit 76284.

- As in 2.2 above refer Fig. 3.

4. FADER MOUNTING.

4.1 Use Fader Kit 72246 or for stereo, Kit 72247 or 78079.

4.2 Fit fader control on a convenient location to the customer's requirements.

4.3 Connect speakers to fader making sure that correct speaker phasing is maintained.

5. RECEIVER MOUNTING. Refer Fig. 5.

5.1 Remove instrument housing and retain mounting screws. Remove radio opening cover.

5.2 Fit three speed nuts to lugs exposed on instrument panel. Secure mounting brackets with M4,2 x 13 screws.

5.3 Add spacers to spindle bushes and insert receiver into position from under the instrument panel. Secure receiver with 9mm nuts and fit rear support bracket.

5.4 Connect aerial and speaker(s) or fader control to receiver. Fit bullet connector to radio LT lead and plug it into double socket in wiring harness behind ash tray.

5.5 Reconnect battery lead and adjust Aerial Trimmer.

N.B. For model RU-140A remove LH mounting bracket to reach trimmer.

5.6 Refit instrument housing. Fit trimplate and secure with 9mm nuts. Fit control knobs.

6. SUPPRESSION-AM

6.1 Ignition Coil: Connect capacitor to spare lug on the switch (+) terminal of the coil. Mount capacitor body to coil mounting bracket.

6.2 Individual vehicles may require additional suppression at either the regulator or alternator.

Regulator: Connect to spare terminal fitted to right hand wheelhouse and secure body under a mounting bolt.

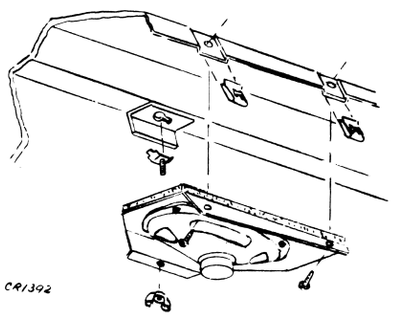
Alternator: Connect to output terminal and mount capacitor body to alternator housing with M5 x 10 double sems screw.

7. SUPPRESSION- FM; Kit 81274/003

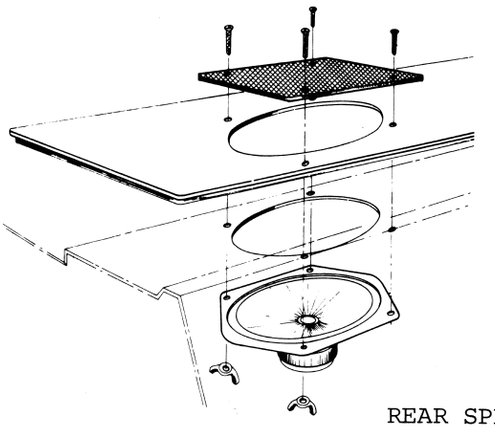
7.1 Windscreen Wiper Motor: Noise Suppressor

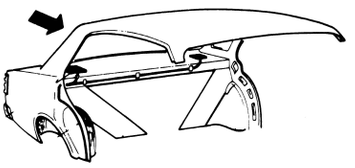
Insert noise suppressor between the motor and the plug as shown in Fig. 6.

7.2 Earth Braid: Link braid from battery negative terminal to bolt in front apron behind front bonnet rubber cushion.



FRONT SPEAKER MONO
FIG. 2





- REMOVE REAR SEAT AND SQUAB, FRONT AND REAR DOOR SILL TRIMS.
- ROUTE LEAD AS SHOWN TO FADER CONTROL.
- USE ADHESIVE TAPE TO SECURE CABLES.

REAR SPEAKER
FIG.3

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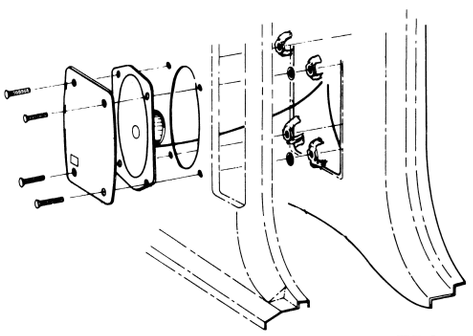

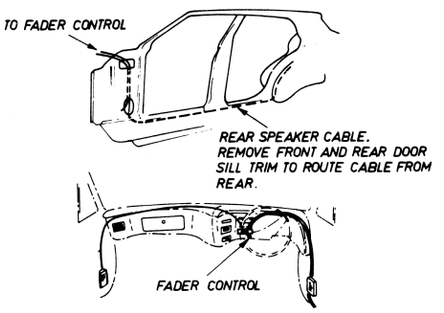

FRONT SPEAKERS STEREO
FIG. 4

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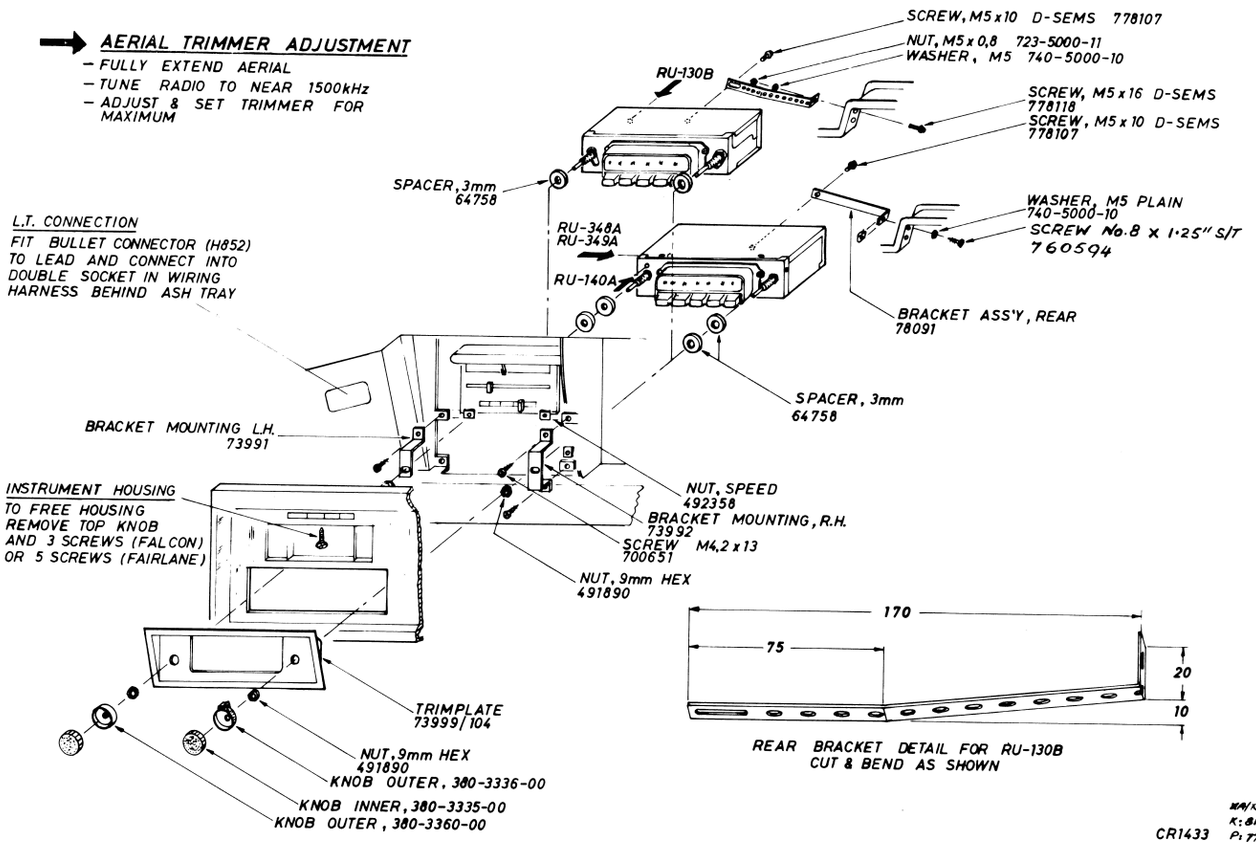
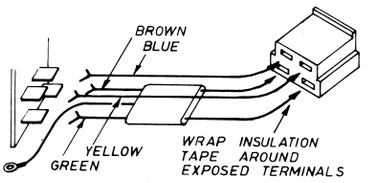


RADIO INSTALLATION
FIG.5



- REMOVE PLUG
- INSERT NOISE SUPPRESSOR AND BLUE & YELLOW JUMPER LEADS AS SHOWN
- CLAMP EARTH LEAD UNDER MOTOR HOUSING SCREW
- INSULATE MALE TERMINALS

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WINDSCREEN WIPER MOTOR FM SUPPRESSION
FIG. 6