

'diamond-dot'

CAR RADIO DIVISION, ELECTRONIC INDUSTRIES LTD.

ASTOR HOUSE: 161-173 STURT STREET, SOUTH MELBOURNE Phone: 69 0300

SERVICE DATA

1966 RENAULT "R 10"

INSTALLATION INSTRUCTIONS FOR FITTING

ASTOR 12 VOLT CAR RADIO

MODELS PD - C - - and MD - C - - "J" SERIES RECEIVERS

In addition to the selected receiver the installation requires:

Installation Accessory Package - Part No. 7281-123-03

Aerial - 3 section, telescopic whip, side mount type Part No. 4074-035-02

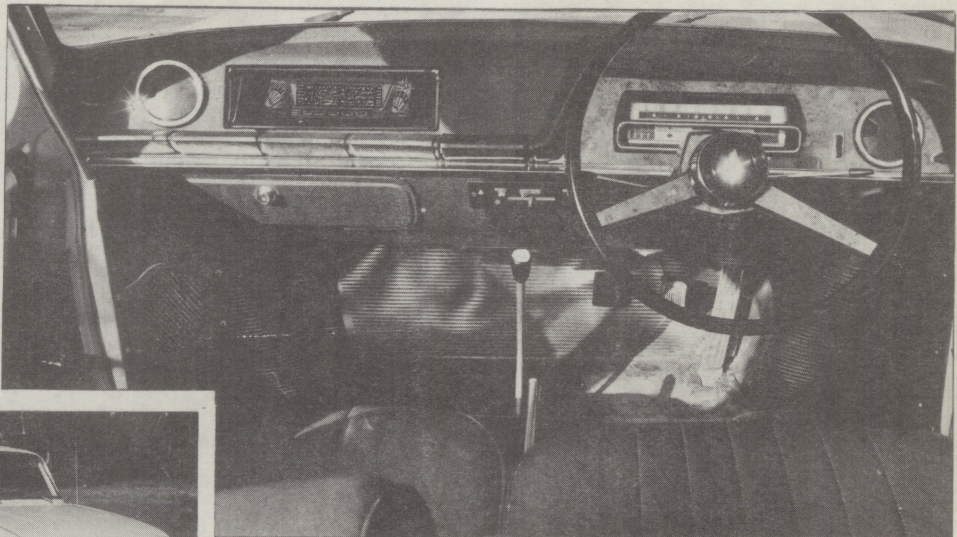
WARNING: BATTERY CONNECTION OF INCORRECT POLARITY WILL DAMAGE THE RECEIVER.

Before commencing installation disconnect leads from car battery. Note polarity of battery terminal which is connected to vehicle chassis then set receiver polarity changeover switch to corresponding position. i.e. "-" position, negative to chassis, "+" position, positive to chassis.

NOTE: AERIAL TRIMMER, located on rear passenger side corner of receiver is to be adjusted at conclusion of installation.

THE AERIAL is to be installed on the side of the passenger side fender at a position $1\frac{3}{4}$ " forward from door-fender join line and $1\frac{3}{8}$ " downward from bonnet-fender junction.

Continue installation of aerial as detailed in instructions supplied with aerial.



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AERIAL LEAD-IN CABLE

- 1 Directly above aerial base drill a $\frac{1}{2}$ " dia. hole in the flat ledge of fender normally covered by bonnet. Drill a $\frac{1}{2}$ " dia. hole in vertical wall adjacent to hole in fender.
- 2 Feed cable through hole in fender; fit a $\frac{1}{2}$ " grommet on to cable then fit into hole.
- 3 Feed cable through other $\frac{1}{2}$ " hole and into interior of car; fit a $\frac{1}{2}$ " grommet onto cable then fit into hole.

THE SPEAKER 6"x4" mounted on a baffle housing assembly is to be fastened between the passenger side front door pillar and wheel arch.

- 1 Place the assembly as high as possible on the passenger side so that the mount flanges of assembly are against wheel arch and wall adjacent to door pillar. Plastic piping edge trim and lead from speaker to be at top.
- 2 Place lead in corner then press assy. against car body. Drill four $\frac{1}{8}$ " dia. holes in body corresponding to holes in assy. mount flanges.
- 3 Fasten assembly securely with cup washers and $\frac{3}{4}$ "x No. 8 Phillips csk. hd. nickel finish screws.

THE RECEIVER is to be mounted into the panel at the position occupied by the glove box on the upper section of the instrument panel. A plastic panel escutcheon seats into the glove box aperture. This supports the front of receiver and a small bracket supports the rear.

- 1 Remove the two screw door stops from glove box.
- 2 Press the glove box door at hinge points then unscrew pivot studs.
- 3 In the compartment below the glove box there is a metal lug fastening the driving side wall in position. Lift this lug and move wall section around toward door.
- 4 Manipulate upper glove box liner out through opening from where door was removed.
- 5 Fit spacer rings to control bush lock nuts and fit dial pointer to carriage arm.
- 6 With high wall of panel escutcheon towards top of receiver, place black panel escutcheon onto control spindles of receiver.
- 7 Fit dial reading to dial escutcheon. MANUAL RECEIVER ONLY: Fit filler bar to push button opening and securely fasten with speednuts.
- 8 Place dial escutcheon on top of panel escutcheon then fasten securely with chrome washers, and barrel nuts. Fit manual control knobs.
- 9 Locate one of the small slots in rear bracket over the thread form located nearest to the rear on passenger side of receiver.
- 10 Locate one of the small slots in rear bracket over the speednut. Fold of bracket in which there is a long slot is to be at top of receiver and point outward.
- 11 Fasten bracket with a flat washer and a $\frac{3}{8}$ "x No.8 bdr. hd. screw. Do not fully tighten.
- 12 Insert receiver down through glove box opening until panel escutcheon seats on top of instrument panel.
- 13 Press downward then mark panel through each of the holes located in the ends of panel escutcheon.
- 14 Withdraw receiver and drill two $\frac{7}{64}$ " dia. holes in panel.
- 15 Reposition receiver and fasten assembly to panel with cup washers and $\frac{3}{4}$ "x No.8 csk. hd. screw. Securely tighten.
- 16 Drill a $\frac{7}{64}$ " dia. hole in wiper motor protector plate corresponding to slot in rear bracket. Fasten bracket securely with a flat washer and a $\frac{3}{8}$ "x No. 8 bdr. hd. screw. Securely tighten screw fastening bracket to receiver.
- 17 Insert plug on end of lead-in cable into receiver socket.
- 18 Insert 3 Amp fuse into fuse holder then connect holder to cover on end of receiver lead. Remove connector (grey lead, white sleeve) from rear of ignition switch. Place double terminal clip on to vacated connection then connect receiver lead and vehicle lead to the clip.
- 19 Route speaker lead behind panel then insert plug on end of lead into receiver. socket adjacent to battery lead entry.

INTERFERENCE ELIMINATION: No distributor or spark plug suppressors are required,

NOTE: The contacting surfaces of nuts and mount positions of the by-pass capacitors must be entirely free of paint and grease to ensure a good electrical contact.

GENERATOR .5uF capacitor, Part No. 4009-024-01 (large lug on lead.) Connect lug on lead to generator armature terminal, NOT the field terminal. Loosen nut on stud at passenger side rear of generator. Slide mount foot of capacitor under nut and securely tighten.

IGNITION COIL .5uF capacitor, Part No. 4009-024-10 (small lug on lead.) Connect lug on lead to battery terminal of coil. Loosen nut fastening coil mount bracket near oil dip stick. Slide capacitor mount foot under nut and securely tighten.

AERIAL TRIMMER ADJUSTMENT Raise aerial to half extended height. Tune receiver to a weak station near 1000 Kc/s and adjust knob on trimmer for maximum volume of signal.

1966 RENAULT "R 10"

MODELS PD-C - - and MD-C - - "J" SERIES RECEIVERS

COMPONENT PARTS LIST

4077-087-02
7120-029-02

Aerial Lead-in Cable (1) 36" overall
Grommet (2)

SPEAKER AND MOUNTING ACCESSORIES

7296-063-01

Speaker and Mount Baffle Assembly (1)
includes:

4056-014-07
7009-077-02
7104-030-05
7084-069-03
7201-627-12
1026-001-13
4077-174-02

Speaker (1) 6"x4" permag type C64G36/10/15
Mount Baffle (1)
Grille (1)
Escutcheon (1)
Screw (4) 5/8"x No.6 Phillips csk. hd.
Plastic Piping 7" required
Lead Assembly (1)

includes:

Lead - 24" required
Plug (1)
Terminal (2)

1171-023-08
7171-015-01
7244-034-01
7265-003-02
7201-629-17

Cup Washers(4)
Screw (4) 3/4"x No. 8 Phillips csk. hd. nickel finish

RECEIVER MOUNTING ACCESSORIES

7173-042-04
7055-425-02
7084-281-01
7084-147-01

Dial Pointer (1)
Spacer Ring (2) control bush lock nuts
Panel Escutcheon (1) plastic
Dial Escutcheon Assy. (1)
includes:

"Diamond Dot" emblem
"ASTOR" metcal

7081-001-01
7008-123-01
7150-854-20
7261-484-02
7124-425-01
7124-424-11
7027-236-02
7201-079-08
7261-164-02
7201-629-17
7265-003-02
4071-010-01
4077-175-42

Barrel Nut (2)
Chrome Washers (2)
Knob (2) antiference and tone, rear
Knob (2) tuning and volume, front
Bracket (1) rear
Screw (2) 3/8"x No. 8 bdr. hd.
Washer (2) flat steel, 9/16"x 11/64"
Screw (2) 3/4"x No. 8 csk. hd.
Cup Washer (2)
Fuse (1) 3 Amp.
Battery Lead Assy. (1) 24"

consists of:

Lead
Fuse Holder Body (1)
Spring (1)
Contact (1)
Terminal (1)
Shroud (1) terminal

1169-051-08
7113-001-01
7225-012-02
7086-125-04
7138-023-01
7220-002-01
7138-030-01

Double Adaptor

INTERFERENCE ELIMINATION ACCESSORIES

4009-024-01
4009-024-10

.5uF Capacitor, generator by-pass
.5uF Capacitor, ignition coil by-pass

COMPONENTS SUPPLIED WITH RECEIVER

7070-115-11
7119-046-01
7152-272-01
7065-011-01
7086-125-04

Dial Reading (1)
Filler Bar (1) manual escutcheon
Speednut (2) filler bar
Fuse Holder Cover (1)
Contact (1) fuse cover