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ASTOR 8

File: ASTOR

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CAR RADIO DIVISION, RADIO CORPORATION PTY. LTD.

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INSTALLATION INSTRUCTIONS

for fitting

ASTOR 12 VOLT CAR RADIO AND STEREO TAPE PLAYER

MODEL MN-C33AK (CS801)

The following items are required in addition to the receiver player unit to complete the installation:

Aerial - Deluxe Lock-down Type	Part No. 4074-175-62; or
Aerial - Standard Lock-down Type	Part No. 4074-174-51; or
Aerial - Top Cowl Mount Type	Part No. 4074-154-51
Speaker Package - 6" dia. round speakers with mounting hardware	Part No. 7296-119-01; or
Speaker Package - 4-1/2" dia. round speakers in a pod type housing	Part No. 7296-120-01; or
Speaker Package - 7" x 5" speakers in a pod type housing	Part No. 7296-121-01
Fader Control Package - for four speaker system	Part No. 4085-128-07

WARNING: The vehicle into which this unit is fitted, must have a 12 volt negative to chassis electrical system.

BATTERY CONNECTION OF INCORRECT POLARITY WILL DAMAGE THE UNIT.

Before commencing installation, disconnect leads from car battery.

NOTE: AERIAL TRIMMER located on the underside of unit near the aerial lead-in entry, is to be adjusted at conclusion of installation.

GENERAL

This unit has been designed for mounting between the lower lip of instrument panel and the firewall. Two side brackets are supplied to support the unit to the lip of instrument panel.

The rear of the unit is to be supported by a metal bracket. This strip bracket has holes along its length; it may be shortened, bent or twisted to provide the most suitable support between the rear mount hole of unit and the firewall or cross member.

A range of speakers are available for selection and use with the unit. A 6" dia. round speaker and grille is intended for mounting on to the front kick pads or the rear seat parcel shelf. Two other types, both assembled into pod type housings, are intended for rear seat parcel shelf installation.

A fader control is available which enables the level of sound from the front and rear speakers in a four speaker system to be adjusted to suit the requirements of both front and rear seat passengers.

THE AERIAL as selected is to be installed in accordance with the instructions supplied with aerial.

AERIAL LEAD-IN CABLE

1. Route lead-in cable to interior of car. NOTE: Check that cable does not foul any moving parts (windscreen wiper mechanism, etc.).
2. A grommet is supplied on the cable and should be utilized when the cable is fed through a hole in a metal wall.
3. Where necessary, drill a 1/2" dia. hole in wall. Feed cable through hole then fit grommet into hole.

THE RECEIVER: Select a mount position which will provide convenient operation of the controls without interfering with the functions of the car mechanisms.

Locate one of the holes in the rear bracket over the threaded plate in the rear of the receiver can.

Fasten bracket loosely with a 5mm screw, spring washer and a flat washer.

Hold receiver against lip of panel at the selected mounting position.

Fashion rear mount bracket into a position which will allow one of the holes to be flat against the firewall or metal cross member. Check that there is sufficient clearance behind mount positions to enable mounting hardware to be tightened.

Using receiver as a template, mark the positions of the mount slots in the side mount brackets on to the lip of panel, also mark the position of the rear mount holes.

Remove receiver and drill 1/4" dia. holes in the lip of panel.

A 16mm x 6mm screw, washers and nut also a 3/4" x No. 10 self-tapping screw are supplied for fastening the rear mount bracket to vehicle. Select the screw to suit the position then drill a 1/4" dia. hole for the 6mm screw or 9/64" dia. hole for the No. 10 screw.

Remove and discard the tape deck transit protection screw from base of unit then reposition the receiver then fasten front brackets to panel with the 6mm screws, washers and nuts.

Using the selected screw type, fasten the rear bracket to mount position. Before tightening screw, slide the terminal lug on end of receiver ground lead under the screw head. (But see AER. TRIM. ADJUSTMEN

Align receiver to panel then securely tighten the four mount screws.

Plug the speaker/power lead plug into the receiver socket. Connect the free end of fuse holder to battery side terminal of headlamp or ignition switch, or to the radio or accessory terminal if provided on ignition switch or fuse block.

Connect aerial lead-in cable into the receiver lead socket.

THE SPEAKERS: Select the speaker system required and install as detailed in instructions supplied with speaker kit.

INTERFERENCE ELIMINATION

Generator or Alternator: .5 μ F capacitor, Part No. 4009-045-01 (large lug on lead). Connect lug on lead to the generator or alternator output terminal NOT THE FIELD TERMINAL. Loosen one of the mount bolts securing generator to engine block. Slide capacitor mount foot under head of bolt and securely tighten. NOTE: Capacitor must be placed away from the heat of exhaust manifold, etc.

Ignition Coil: .5 μ F capacitor, Part No. 4009-045-02 (small lug on lead). Connect lug to battery terminal of coil. Loosen bolt fastening coil bracket, slide capacitor mount foot under head of bolt and securely tighten.

Reconnect leads to car battery.

AERIAL TRIMMER ADJUSTMENT

It is MOST IMPORTANT that the aerial trimmer be adjusted after installation. If base of receiver will be inaccessible after installation, this adjustment must be carried out before receiver is fastened down. Receiver must be properly connected to car chassis.

1. Raise aerial to half extended height. If a retractable aerial is fitted, raise large-diameter tube against stop in aerial base.
2. Tune receiver to a weak station near 1000 kHz (approx. centre of dial).
3. Insert a screwdriver into hole in base of receiver (near rear right-hand corner) and adjust trimmer for maximum output.