

'diamond-dot'

CAR RADIO DIVISION, ELECTRONIC INDUSTRIES LTD.

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HILLMAN "HB" "HUNTER" AND "ARROW"

INSTALLATION INSTRUCTIONS FOR FITTING

CHRYSLER 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 - P/No. A2798277

Aerial - 5 Section, telescopic whip, top mount type P/No.A2794890
or Aerial - 5 Section, telescopic whip, lock down type P/No.A2794891

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

Before commencing installation, ensure that the receiver polarity switch is set to the "-" position, as this vehicle has a negative earth system.

NOTE: AERIAL TRIMMER is to be adjusted at conclusion of installation.

THE AERIAL as selected is to be mounted as detailed below.

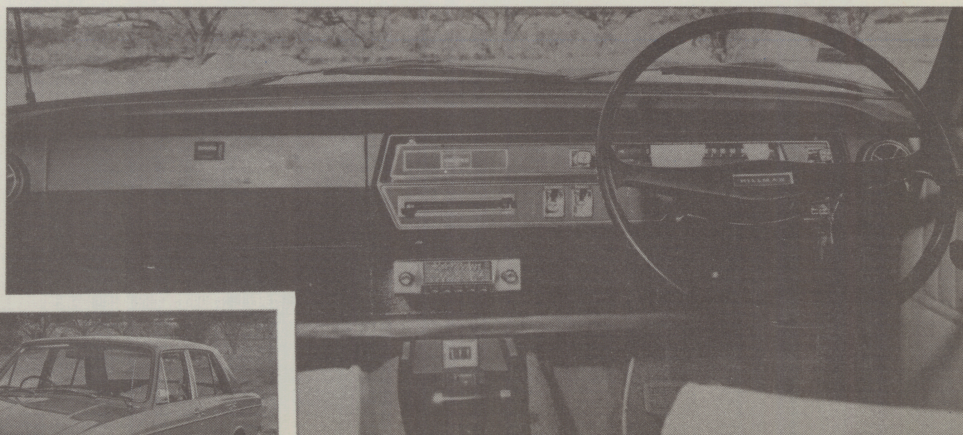
Top Mount Aerial

Mark the passenger side cowl at a position 1" outward from the bonnet, fender, cowl junction and $2\frac{1}{2}$ " towards windscreen. Cut a 1" diameter hole on this centre.

Lock Down Aerial

Mark the passenger side fender $6\frac{1}{2}$ " forward from cowl, fender, door junction and 3" outward from bonnet fender join line. Cut a 1" diameter hole on this centre.

Continue installation of selected aerial as directed on instructions supplied with aerial.



LEAD-IN CABLE - Lock down aerial only.

- 1 There is a hole in the dash panel fitted with a rubber blanking grommet adjacent to the bottom of the aerial. Remove this blanking grommet, and cut a 3/16" diameter hole centrally in it.
- 2 Pass aerial lead through hole in grommet, pass through hole in dash panel and reposition grommet in hole.

THE SPEAKER: 7"x5" mounted beneath the grille provided on top of the panel.

- 1 Remove grille from panel. NOTE: Grille is retained by integral plastic studs which press into retainers, and can be removed by pulling grille upwards. Refer diagram and cut cover material as directed.
- 2 Fit two No.6 captive speednuts to the holes spaced $4\frac{3}{8}$ " apart and adjacent to large oval hole. Flat face of speednut upward.
- 3 Attach lead connectors to speaker terminals then place speaker into opening so that the forward edge of speaker locates under the two clips situated near windscreen. Lead is to hang downward behind panel.
- 4 Fasten speaker to the speednuts with flat washers and $\frac{1}{2}$ "x No.6 pan.hd.screws. Securely tighten.
- 5 Refit grille to panel.

THE RECEIVER is to be mounted centrally to the lip of the instrument panel. A strip bracket supports the receiver to the rear wall of parcel shelf.

- 1 In the lip of instrument panel there are two holes spaced 8" apart. With the flat surface toward floor fit No.10 speednuts at these positions.
- 2 Locate hole in metal strip over the thread form in rear of receiver. Strip is to hang downward. Fasten securely with a flat washer and a $\frac{3}{8}$ "xNo.8 Phillips hd. screw.
- 3 Remove and discard dust shield from front of receiver.
- 4 Fit the dial pointer to carriage arm.
- 5 Fit dial reading to escutcheon. MANUAL RECEIVER ONLY: Fit filler bar to push button opening and fasten securely with speednuts.
- 6 Place the moulded escutcheon then the dial escutcheon on to front of receiver. Fasten securely with chrome washers and barrel nuts.
- 7 Fit manual control knobs.
- 8 With short fold of brackets under the receiver and out turned leg at front, locate the two holes in brackets over the thread forms in sides of receiver.
- 9 Securely fasten each bracket with black flat washers and black $\frac{3}{8}$ "xNo.8 Phillips hd. screws.
- 10 Place receiver beneath lip of panel and locate holes in side brackets under speednuts on panel.
- 11 Fasten temporarily with $\frac{1}{2}$ "x No.10 mushroom hd. screws.
- 12 Align receiver to instrument panel then carefully mark the position of the hole in strip bracket at rear of receiver on to the parcel shelf wall.
- 13 Withdraw receiver and drill a $\frac{1}{4}$ " hole in the parcel shelf at marked position.
- 14 9/16" above the centre of the $\frac{1}{4}$ " dia. hole cut a $\frac{1}{2}$ " horizontal slit.
- 15 With flat face toward rear of vehicle fit a long No.8 speednut to parcel shelf wall.
- 16 Reposition receiver and fasten rear strip bracket to parcel shelf with a flat washer and a 5/8"x No.8 Phillips hd. screw.
- 17 Fasten front of receiver with $\frac{1}{2}$ "xNo. 10 Mushroom hd. screws

- 18 Align to panel and securely tighten all mount screws.
- 19 Insert aerial lead-in cable plug into socket on passenger side rear corner of receiver.
- 20 Insert plug on end of speaker lead into socket adjacent to battery lead entry.
- 21 Insert 3 amp. fuse into fuse holder then connect holder to cover on receiver lead. Feed free end of lead to rear of ignition switch and connect to vacant accessory terminal.

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

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

GENERATOR: .5uF capacitor P/No. 4009-024-19 (large claw type clip.) Remove shroud from generator armature terminal connector and slide clip on end of capacitor on to connector. Refit shroud. Loosen one of the mount bolts of generator, slide mount foot under head of bolt and securely tighten.

IGNITION COIL: .5uF capacitor P/No. 4009-024-25 (small claw type clip.) Connect clip on end of lead to battery terminal of ignition coil. NOTE: If necessary use double adaptor terminal supplied.

Loosen one of the mount screws of coil; slide capacitor mount foot under head of screw and securely tighten.

Reconnect leads to car battery.

AERIAL TRIMMER ADJUSTMENT: Raise aerial to half extended height. NOTE: If a fully retractable aerial is fitted raise the large diameter outer tube until it is against stop in aerial base. Tune receiver to a weak station near 1000 Kc/s (approximately centre of dial) adjust trimmer for maximum volume of signal.

HILLMAN "HB"

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

COMPONENT PARTS LIST

7120-029-02

Grommet (1)

SPEAKER AND MOUNTING ACCESSORIES

4056-012-11

Speaker (1) 7"x5" permag type C75L36/46/15

7152-752-01

Speednut (2) No.6 captive

4077-174-01

Lead and Plug Assy. (1)

includes:-

1171-023-08

Lead - 18" required

7171-015-01

Plug (1)

7244-034-01

Terminal (2)

7261-164-02

Washer (2) flat steel, 9/16"x 11/64"

7201-577-07

Screw (2) 1/2"x No.6 pan hd.

RECEIVER MOUNTING ACCESSORIES

7152-754-04

Speednut (2) No. 10 captive

7027-635-02

Bracket (1) rear

7261-164-02

Washer (1) flat steel 9/16"x 11/64" plain

7261-164-03

Washer (5) flat steel 9/16"x 11/64" black

7201-579-34

Screw (5) 3/8"x No.8 bdr.hd. black

7173-042-04

Dial pointer

7084-277-02

Escutcheon (1) moulded

7084-147-81

Escutcheon Assy. (1)

includes:-

7081-001-01

"diamond dot" emblem

7008-123-13

"HILLMAN" metcal

7261-484-02

Chrome Washer (2)

7150-854-20

Barrel Nut (2)

7124-425-01

Knob (2) antiference and tone, rear

7124-424-11

Knob (2) tuning and volume, front

7028-679-03

Bracket (1) passenger side

7028-679-53

Bracket (1) driving side

7201-330-11

Screw (2) 1/2"x No.10 mushroom hd.

7152-753-01

Speednut (1) No.8 speednut, long

7201-579-09

Screw (1) 5/8"x No.8 Phillips hd.

4071-010-01

Fuse (1) 3 amp.

4077-175-15

Battery Lead Assy.

includes:-

1169-051-08

Lead - 30" required

7113-001-01

Fuse Holder (1)

7225-012-02

Spring (1) fuse holder

7086-125-04

Contact (1) fuse holder

7059-001-01

Terminal (1) on end of lead

7220-002-01

Shroud (1) terminal

7138-030-01

Double Adaptor (1)

INTERFERENCE ELIMINATION ACCESSORIES

4009-024-19

.5uF Capacitor, generator, large claw terminal

4009-024-24

.5uF Capacitor, ignition coil, small claw terminal

COMPONENTS SUPPLIED WITH RECEIVER

7070-115-11

Dial Reading (1)

7119-046-01

Filler Bar (1) push button opening

7152-272-01

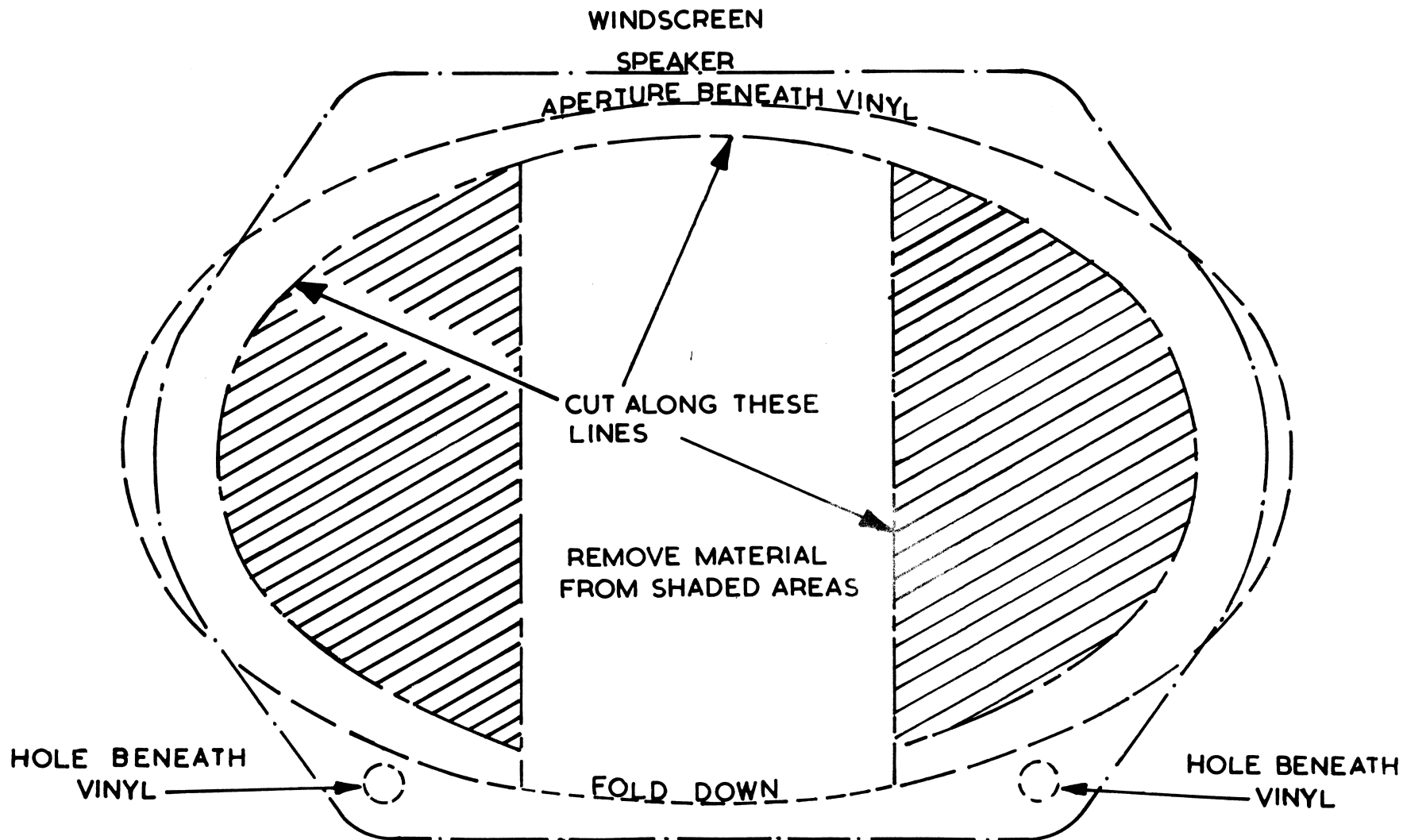
Speednut (2) filler bar fastening

7065-011-01

Fuse cover (1)

7086-125-04

Contact (1) fuse cover



USE THIS TEMPLATE IN CONJUNCTION WITH PARAGRAPH
1 OF SPEAKER INSTALLATION INSTRUCTIONS