

'diamond-dot'

CAR RADIO DIVISION, ELECTRONIC INDUSTRIES LTD.

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

SERVICE DATA

HILLMAN - 8

File: HILLMAN

Date: 13-4-66.

Page: 1

HILLMAN MINX DELUXE SERIES VI AND HILLMAN GAZELLE SERIES VI

INSTALLATION INSTRUCTIONS FOR FITTING

CHRYSLER 12 VOLT CAR RADIO MODELS PD-C5D and MD-C4D

Complete Installation requires

Installation Accessory Package - PART NO.7281-300-06

Aerial - 5 section, telescopic whip top mount type - CHRYSLER PART NO.M25047.

or Aerial - 5 section, telescopic whip fully retractable type - CHRYSLER PART NO.M25048.

Receiver - Model PD-C5D, push button, - CHRYSLER PART NO.M25083

or Receiver - Model MD-C4D, manual - CHRYSLER PART NO.M25084

WARNING:

BATTERY CONNECTION OF INCORRECT POLARITY WILL DAMAGE THE RECEIVER.

Before commencing installation, disconnect leads from car battery. Carefully note the polarity of the lead which is connected to car chassis. Remove cover disc from top receiver can then set polarity plug to correspond with the battery polarity connected to car chassis. Refit cover disc.

NOTE:

AERIAL TRIMMER is to be adjusted at conclusion of installation.

THE AERIAL:

as selected is to be mounted on the passenger side fender at a position $8\frac{1}{2}$ " forward from cowl-door-fender join line and $4\frac{1}{2}$ " out from fender-bonnet join line. Continue installation as detailed in instructions supplied with aerial.



AERIAL LEAD-IN CABLE: Remove and discard rubber plug located in engine well wall adjacent to aerial.

From beneath fender insert plastic grommet supplied into vacated hole then feed cable through grommet into engine compartment.

With all excess cable inside car push ferrule on cable into grommet.

THE RECEIVER: When fitted into the housing assembly supplied, is to be mounted to the underside of the instrument panel, at the position occupied by the ash-tray. A slide bracket for the ash-tray is provided on the lower surface of the assy. A plate which is to be attached to rear of receiver supports the assembly to the firewall trim. A straddle bracket supports the front to the original ash-tray slide.

1. Remove ash-tray from instrument panel slide.
2. Place a No.6 captive speednut into each of the two rectangular slots nearest the rear on receiver sides. The flat section of each speednut is to be on outside of receiver can.
3. Press the spacer rings supplied over the control bush lock nuts then fit dial pointer to carriage arm.
4. Fit dial readings to chrome escutcheon. MANUAL RECEIVER ONLY. To push button opening fit filler bar then securely fasten with speednuts.
5. Place receiver in housing assy. so that the control spindles protrude through holes in front also the speednuts are to locate with the side brackets of housing.
6. Place escutcheon on to front then fasten securely with chrome washers and barrel nuts. Fit manual control knobs.
7. Fasten receiver to side brackets with flat washers and $\frac{3}{8}$ " x No.8 bdr. hd. screws.
8. Slide dust shield on top of receiver can forward so that front edge of shield locates against front panel of assy.
9. With painted surface toward front and the two slots at the top, locate the mount plate centrally against the rear of receiver.
10. Fasten securely to receiver with a flat washer, shakeproof washer and a $\frac{1}{2}$ " x 3/16" Whit. hex. hd. screw.
11. Place the straddle bracket on top of the original ash-tray slide. Inside of fold is to be against front edge of slide and small fold of bracket is to point downward.
12. Centralize bracket across slide then mark position of mount holes on to slide.
13. Withdraw bracket and drill two 7/32" dia. holes in slide.
14. Reposition bracket and fasten securely with 5/8" x 3/16" Whit.rd.hd.screws shakeproof washers and 3/16" Whit. nuts.
15. Remove the two screws and washers fastening trim to firewall about the centre at rear of instrument panel.
16. Place receiver assembly below instrument panel so that slots in mount plate locate over vacated holes in trim.
17. Fit screws and washers through slots in mount plate and securely fasten to firewall.
18. Raise front of assembly to straddle bracket also locate mount feet into channel rail of panel. Fasten securely with 5/8" x 3/16" Whit.rd.hd. screws, shakeproof washers and 3/16" Whit. nuts.
19. Check alignment with panel then drill 7/32" dia. holes in rail corresponding to holes in mount feet of assy. Fasten assy. securely to panel rail with 5/8" x 3/16" Whit.rd.hd. screws, shakeproof washers and nuts.
20. Insert fuse supplied into fuse holder, connect to fuse cover on end of lead from receiver. Connect free end of lead to battery side of ignition switch.
21. Insert plug on aerial lead-in cable into socket on rear passenger side of receiver.
22. From the ash-tray remove the metal tongue which forms the stop and cigarette stubber. Refit the tongue to the mount position near the rear of tray provided beneath receiver.

THE SPEAKER: 7" x 5" assembled to a baffle plate is to be mounted to the underside of the instrument panel and the top of the parcel shelf adjacent to the passenger side of steering column.

1. Place assembly on to parcel shelf and remove the screw from underside of panel corresponding with slot in speaker baffle.
2. With baffle as close as possible to steering column mark position of the hole in baffle speednut on to the parcel shelf also loosely refit screw through slot into panel.
3. Drill a 9/64" hole in shelf at the marked position.
4. Fasten baffle to shelf with a flat washer and a $\frac{3}{4}$ " x No.6 bdr.hd.screw. Insert into speednut and securely tighten.
5. Securely tighten screw fastening top of baffle to rail.
6. Insert plug on end of lead into socket adjacent to battery lead entry.

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

NOTE: The contracting 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 lead on to connector. Refit shroud. Loosen one of 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: With aerial half extended, adjust knob on passenger side of receiver for maximum output on a weak station near 1000 Kc/s. (approx. centre of dial).

HILLMAN MINX DELUXE SERIES VI

AND

HILLMAN GAZELLE SERIES VI

COMPONENT PARTS LIST

4077-212-01	Aerial Lead-in Cable (1) 48" overall
7120-029-02	Grommet (1) Lead-in Cable.

SPEAKER AND MOUNTING ACCESSORIES

7296-065-03	Speaker and Baffle Assy (1) includes:
4056-012-10	Speaker (1) 7" x 5" permag type C75L00/46/15
7009-130-03	Baffle (1)
7104-030-03	Grille (1)
7152-661-01	Speednut (4) No.6 flat type
7201-627-12	Screw (4) 5/8" x No.6 oval csk.hd.
7152-752-01	Speednut (1) No.6 captive
1171-023-08	Lead - 24" required
7171-015-01	Plug (1) on end of lead
7244-034-01	Terminal (2) on end of lead
7201-577-25	Screw (1) $\frac{3}{4}$ " x No.6 bdr.hd.
7261-201-07	Washer (1) flat steel $\frac{3}{8}$ " x 13/64"

RECEIVER MOUNTING ACCESSORIES

7152-752-01	Speednut (2) No.6 captive, receiver side
7055-425-02	Spacer Ring (2) 5/16" control bush lock nuts
7173-042-04	Dial Pointer (1)
7084-147-41	Escutcheon (1) includes:
7081-001-01	"Diamond Dot" emblem
7008-123-05	"ROOTES RADIO" metcal
7116-039-12	Housing Assy (1)
7261-484-02	Chrome Washer (2)
7150-854-20	Barrel Nut (2)
7124-226-01	Knob (2) antiference and tone, rear
7124-227-01	Knob (2) volume and tuning, front
7201-079-08	Screw (2) $\frac{3}{8}$ " x No.8 bdr.hd.
7261-201-07	Washer (3) flat steel, $\frac{3}{8}$ " x 13/64"
7169-496-02	Mount Plate (1)
7027-568-03	Straddle Bracket (1)
7198-028-02	Screw (1) $\frac{3}{8}$ " x 3/16" Whit.hex.hd.
7262-512-01	Washer (3) shakeproof, 3/16 ext.
7198-178-22	Screw (6) 5/8" x 3/16" Whit.rd.hd.
7148-304-11	Nut (6) 3/16" Whit.
4071-001-02	Fuse (1) 5 Amp.
7113-001-01	Fuse Holder Body (1)
1169-051-08	Battery Lead - 18" required
7138-023-01	Terminal (1) on end of lead
7220-002-01	Shroud (1) terminal

INTERFERENCE ELIMINATION ACCESSORIES

4009-024-19	.5uF Capacitor, generator by-pass
4009-024-25	.5uF Capacitor, ignition coil by-pass

COMPONENTS SUPPLIED WITH RECEIVER

7065-011-01	Fuse Holder Cap
7001-064-01	Polarity Plug (1)
7070-045-21	Dial Reading (1) manual
7070-045-11	Dial Reading (1) push button
7119-046-01	Filler Bar (1) push button opening
7152-272-01	Speednut (2) filler bar fastening

