

'diamond-dot'

CAR RADIO DIVISION, ELECTRONIC INDUSTRIES LTD.

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

CHRYSLER - 6

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SERVICE DATA CHRYSLER VALIANT "VC"

INSTALLATION INSTRUCTIONS FOR FITTING CHRYSLER 12 VOLT CAR RADIO MODELS PD - C5D AND MD - C4D

Complete Installation requires

Installation Accessory Package: Chrysler Part No. 2790597
Aerial - 5 Section, telescopic whip, top mount type Chrysler Part No. 2284160
or Aerial - 5 Section, telescopic whip, fully retractable type Chrysler Part No. 2283583
Receiver - model PD-C5D, push button Chrysler Part No. 2286764
or Receiver - model MD-C4D, manual Chrysler Part No. 2286765

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

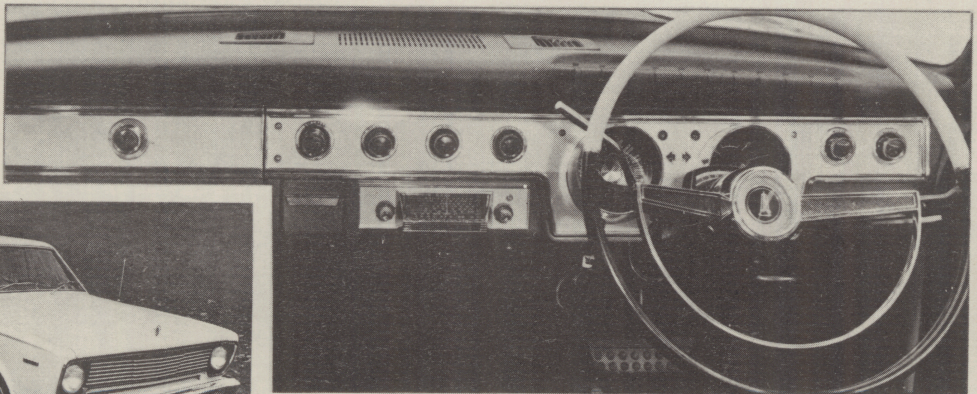
Before commencing installation, disconnect leads from car battery; also remove cover disc from top of receiver can.

Place polarity plug on to exposed pins so that the "NEG" arrow aligns with arrow printed on circuit board. Refit cover disc.

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

THE AERIAL is to be mounted on top of passenger side fender.

1. MOUNT POSITION: Top mount and fully retractable aerial. Mark a position 8" forward from fender-bonnet-door join line and 2 $\frac{3}{8}$ " outward from bonnet-fender join line.
2. Continue installation as detailed in instructions supplied with selected aerial.



AERIAL LEAD-IN CABLE: From inside vehicle directly above passenger side kick pad and 8" inward from door edge of trim, drill a $\frac{1}{2}$ " dia. hole.

Feed lead-in through hole into interior. Insert body of shroud grommet into hole, then with a wriggling motion pull through until head of grommet locates in and seals $\frac{1}{2}$ " hole.

THE SPEAKER: 9" x 6" permag, assembled to a baffle plate is to be mounted beneath the grille on top of instrument panel.

1. Remove the glove box, also remove the heater control panel and lower the heater unit from the instrument panel and firewall.
2. At each end of grille opening there are two key hole slots.
3. Slacken off the nuts on the two screws of baffle.
4. Press the nuts against baffle, then with the screw heads up-standing locate heads into large end of key hole slots. Move baffle assy. until screw heads locate in narrow slot section then securely tighten the nuts.

THE RECEIVER: is mounted behind the cover plate located near the centre of instrument panel. Two brackets support receiver to lower lip of panel.

1. Remove and discard cover plate from panel.
2. With the contour of escutcheon matching curve of panel, locate escutcheon centrally over panel opening.
3. Through spindle holes of escutcheon scribe outline on to panel. Remove escutcheon and cut away metal to scribed lines.
4. Press $\frac{3}{16}$ " spacer rings supplied over the control bush lock nuts, then fit dial pointer to carriage arm.
5. Fit dial reading to escutcheon. **MANUAL RECEIVER ONLY.** Fit filler bar to push button opening, fasten securely with circular type speednuts.
6. Place No. 6 captive speednuts into the group nearest the rear on each side of receiver.
7. Place "L" shaped brackets so that slots in each bracket are against a speednut; short leg of brackets are to point outward.
8. Fasten brackets with flat washers and $\frac{3}{8}$ " x No. 8 bdr. hd. screws. Do not fully tighten.
9. Place receiver behind instrument panel so that spindles protrude out through holes in panel. The short fold of each bracket is to locate in channel rail of instrument panel.
10. **Place escutcheon, chrome washers and barrel nuts on to front of panel; align and securely tighten barrel nuts.**
11. Fit manual control knobs.
12. The mount position of driving side bracket locates over a blind hole in lip of panel. Check location of electrical wiring loom, then drill a $\frac{7}{32}$ " hole at this position.
13. At a position 8" toward passenger side, drill another $\frac{7}{32}$ " hole.
14. Move brackets aside and clean off paint and burrs from around both $\frac{7}{32}$ " holes.
15. Securely fasten brackets to vehicle with flat washers and $\frac{3}{4}$ " x No. 10 bdr. hd. screws.
16. Support rear of receiver, then securely tighten screws fastening brackets to receiver.
17. Insert plug on end of speaker lead to receiver socket adjacent to battery lead entry.
18. Insert lead-in plug into socket on passenger side of receiver.
19. Insert 5 amp. fuse into fuse holder, then connect holder to connector on receiver lead. Connect push-on terminal connector to accessory (passenger side) terminal of vehicle fuse block.
20. Refit heater unit and control panel also refit glove box and securely **tighten all fastening hardware.**

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

Alternator (.5uF capacitor, Part No. 4009-024-27) (large hole in lead lug).
Connect lug to Alternator Output terminal.

Place a sh/proof washer under the head of $\frac{3}{8}$ " x No. 10 x 24 fluted screw; insert screw through hole in capacitor mount foot into small hole located on the centre line and near engine side of alternator.

Securely tighten screw.

Ignition Coil (.5uF capacitor Part No. 4009-024-08) (open ended lug on lead).
Connect lug to battery side terminal of coil. Place a sh/proof washer under the head of $\frac{1}{4}$ " x No. 8 x 32 fluted screw; insert screw through hole in capacitor mount foot into hole in flange protruding from coil mount bracket. Securely tighten screw.

Regulator (.5uF capacitor, Part No. 4009-024-25) (small claw type clip on lead).

Connect claw clip over the terminal connector attached to terminal of regulator which is marked "Ignition". Fasten mount foot of capacitor securely under mount bolt of regulator.

Reconnect leads to car battery.

AERIAL TRIMMER ADJUSTMENT: Raise to half extended height, adjust knob on passenger side of receiver for maximum volume on a weak station near 1000 Kc/s. (approx. centre of dial).

CHRYSLER VALIANT "VC"

COMPONENT PARTS LIST

4077-093-67 Aerial Lead-in Cable (1) 48" overall

SPEAKER AND MOUNTING ACCESSORIES

7009-053-01 Speaker and Baffle Assy. (1)
Includes
4056-004-16 Speaker (1) 9" x 6" permag type C96L00/69/15
7009-075-02 Baffle (1)
7234-062-02 Screw (2) special
7294-057-02 Spacer Washer (2) special
7146-003-05 Nut (2) 2BA hex.
7262-012-01 Washer (2) shakeproof, 3/16" int.
7171-015-01 Plug (1) on end of lead
7244-034-01 Terminal (2) on end of lead
1171-023-08 Lead 18" required

RECEIVER MOUNTING ACCESSORIES

7084-266-01 Escutcheon Assy. (1)
Includes
7081-001-01 "Diamond Dot" emblem
7008-123-09 "VALIANT" metcal
7055-425-01 Spacer Ring (2) 3/16" control bush lock nuts
7173-042-04 Dial Pointer (1)
7152-752-01 Speednut (2) No.6 captive, receiver
7027-215-02 Bracket (2)
7152-754-03 Speednut (2) No.10 captive, brackets
7261-164-02 Washer (2) flat steel, 9/16" x 11/64"
7201-079-08 Screw (2) 3/8" x No.8 bdr. hd.
7261-484-02 Chrome Washer (2)
7150-854-20 Barrel Nut (2)
7261-218-04 Washer (2) flat steel, 9/16" x 7/32"
7201-080-04 Screw (2) 3/4" No.10 bdr. hd.
7124-226-01 Knob (2) antiference and tone, rear
7124-227-01 Knob (2) tuning and volume, front
4071-001-02 Fuse (1) 5 Amp.
7113-001-01 Fuse Holder Body (1)
7086-125-04 Contact Eyelet (1) fuse holder
7225-012-02 Spring (1) fuse holder
1169-051-08 Lead - 12" required, battery
7138-023-01 Terminal (1) battery lead
7220-002-01 Shroud (1) terminal

INTERFERENCE SUPPRESSION ACCESSORIES

4009-024-27 .5uF Capacitor, alternator
4009-024-08 .5uF Capacitor, ignition coil
4009-024-25 .5uF Capacitor, regulator
7209-524-11 Screw (1) 3/8" x No.10-24 fluted
7209-522-11 Screw (1) 1/4" x No. 8-32 fluted
7262-512-01 Washer (2) shakeproof, 3/16" ext.

COMPONENTS SUPPLIED WITH RECEIVER

7065-011-01 Fuse Holder Cover (1)
7086-125-04 Contact Eyelet (1) fuse cover
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 in escutcheon
7152-272-01 Speednut (2) filler bar fastening