

# 'diamond-dot'

CAR RADIO DIVISION, ELECTRONIC INDUSTRIES LTD.

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

## SERVICE DATA ISUZU "BELLETT"

### 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. 7281-131-02

Aerial - 5 section, telescopic whip, top mount type - Part No. 4074-044-04  
or Aerial - 5 section, telescopic whip, lock down type - Part No. 4074-052-04

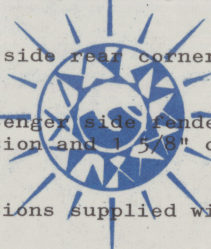
**WARNING :** BATTERY CONNECTION OF INCORRECT POLARITY WILL DAMAGE THE RECEIVER

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, positive to chassis, "-" position, negative to chassis.

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

**THE AERIAL** is to be mounted on top of passenger side fender at a position 8" forward of the top of fender at door junction and 1 5/8" out from bonnet fender join line.

Continue installation as detailed instructions supplied with selected aerial.

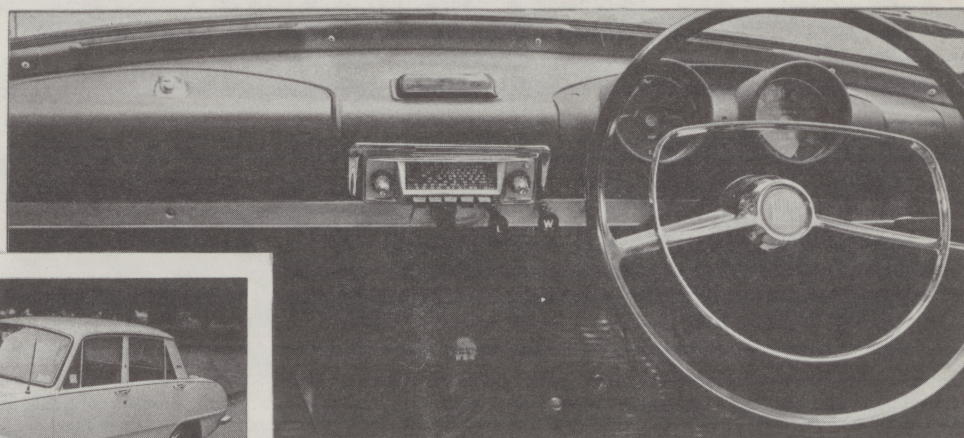


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### INTERFERENCE ELIMINATION

No spark plug suppressors are required.

### DISTRIBUTOR

Install a screw type suppressor Part No. 4021-012-01 in the high tension lead a few inches from where it enters the distributor. Check that lead is fitted well into suppressor then securely bind both ends of suppressor with adhesive tape.

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

### ALTERNATOR

.5uF Capacitor Part No. 4009-024-08 (hole in mount foot.) Connect lead terminal to output terminal of alternator. Remove one of the screws from cover plate at rear of alternator. Locate capacitor mount foot on to alternator then refit and securely tighten screw.

### IGNITION COIL

.5uF Capacitor Part No. 4009-024-02 (slotted mount foot.) Connect lead terminal to battery terminal of coil. Loosen a mount screw of coil bracket slide 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.

Refit ash-tray to instrument panel.

AERIAL LEAD-IN CABLE.

- 1 Drill a  $\frac{1}{2}$ " dia. hole in the engine well wall adjacent to aerial.
- 2 Feed cable through hole and fit grommet on cable into hole. With excess cable inside push cable ferrule into grommet.
- 3 Drill a  $\frac{1}{2}$ " dia. hole in the firewall above main harness gromme .
- 4 Fit grommet supplied into hole then feed cable through grommet. Push cable ferrule into grommet.

THE SPEAKER: 7"x5" is to be mounted directly beneath the baffle plate which is provided together with a grille on the rear seat parcel shelf.

- 1 Open luggage compartment and place speaker against the underside of baffle plate located beneath the driving side of shelf.
- 2 Mark the position of the speaker mount holes then withdraw speaker.
- 3 Drill four  $\frac{7}{64}$ " dia. holes at the position marked.
- 4 Fasten speaker securely to plate with flat washers and  $\frac{1}{2}$ "x No.6 bdr.hd. screws.
- 5 Connect lead from speaker to socket attached to lead protruding from loom.

THE RECEIVER is to be mounted into the instrument panel at the position occupied by the central glove box. Two brackets at the front and one at the rear support the receiver.

- 1 Remove and retain ash-tray.
- 2 Remove and discard the central glove box. Attaching screw is located beneath panel at rear of cigar lighter.
- 3 Place receiver near glove box opening and mark width of receiver on to panel.
- 4 Withdraw receiver then cut away or fold back the minimum amount of metal from each side to allow receiver to fit inside cavity.
- 5 Place a bracket on to each side of receiver. Tapered edge of brackets are to follow contour of instrument panel and the short tongue of each bracket is to point outward.
- 6 Fasten brackets securely with flat washers and  $\frac{3}{8}$ "x No.8 bdr.hd. screws.
- 7 Locate hole in rear bracket over the rear mount hole of receiver. Tapped hole in bracket is to be beneath and away from receiver.
- 8 Fasten bracket securely in position with a flat washer, and a  $\frac{3}{8}$ "x No.8 pk.bd. screw.
- 9 Remove and discard dust shield from top of receiver can.
- 10 Fit dial pointer to carriage arm and fit spacer rings on to the control bush lock nuts.
- 11 Insert rear of receiver into opening in panel then manipulate receiver into panel until tongues of front brackets are against metal of panel.
- 12 Through the holes in brackets drill  $\frac{7}{64}$ " dia. holes.
- 13 Fasten brackets securely to panel with  $\frac{1}{4}$ "x No.6 bdr.hd.screws.
- 14 Fasten rear bracket securely to panel with a flat washer, shakeproof washer and a  $\frac{5}{8}$ "x  $\frac{3}{16}$ " Whit.rd.hd. screw.
- 15 Fit dial reading to escutcheon. MANUAL RECEIVER ONLY: Fit filler bar to push Button opening, fasten securely with speednuts.
- 16 Place plastic cover escutcheon then dial escutcheon on to front of receiver.
- 17 Align to panel then securely fasten with chrome washers and barrel nuts.
- 18 Fit manual control knobs.
- 19 Insert lead in cable plug into socket on passenger side rear corner of receiver.
- 20 Insert speaker lead extension plug into socket on battery side of receiver. Connect other end of lead to the connector attached to the blue/red and blue/yellow leads from loom.
- 21 Insert fuse holder then connect to fuse cover on receiver lead. Insert terminal on end of lead into socket attached to blue lead protruding from vehicle loom.

# ISUZU "BELLETT"

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

### COMPONENT PARTS LIST

4077-225-05	Aerial Lead-in Cable (1) 42" overall
7120-029-02	Grommet (1)

### SPEAKER AND MOUNTING ACCESSORIES

4056-012-11	Speaker (1) 7"x5" permag type C75L36/46/15
7201-577-07	Screw (4) $\frac{1}{2}$ "x No. 6 bdr. hd.
7261-163-04	Washer (4) flat steel $\frac{3}{8}$ "x $\frac{11}{64}$ "
1171-023-08	Lead - 24" total, 12" per lead
7171-015-02	Plug (1) on end of lead, receiver end
7171-056-02	Plug (4) on ends of leads, vehicle loom
7244-034-01	Terminal (2) on end of lead, speaker end
7220-094-01	Contact Sleeve (2) lead to loom connection
7102-071-01	Organdie Gasket (1)

### RECEIVER MOUNTING ACCESSORIES

7027-595-03	Bracket (1) passenger side
7027-595-53	Bracket (1) driving side
7201-079-08	Screw (5) $\frac{3}{8}$ "x No.8 bdr. hd.
7261-164-02	Washer (5) flat steel 9/16"x11/64"
7027-597-02	Bracket (1) rear
7261-218-04	Washer (1) flat steel 9/16"x 7/32"
7262-512-01	Washer (1) shakeproof 3/16" ext.
7173-042-04	Dial Pointer (1)
7055-425-11	Spacer Ring (2) control bush lock nuts
7084-257-02	Cover Escutcheon (1)
7084-147-01	Dial Escutcheon Assy. (1)
7081-001-01	"Diamond Dot" emblem
7008-123-01	ASTOR metcal
7150-854-20	Barrel Nut (2)
7261-484-02	Chrome Washer (2)
7201-577-12	Screw (2) $\frac{1}{4}$ "x No.6 bdr. hd.
7198-579-09	Screw (1) 5/8"x 3/16" Phillips rd. hd.
7124-424-11	Knob (2) tuning and volume, front
7124-425-01	Knob (2) antiference and tone, rear
4071-010-01	Fuse (1) 3 Amp.
7113-001-01	Fuse Holder Body (1)
7225-012-02	Spring (1) fuse holder
7086-125-04	Contact (1) fuse holder
1169-051-08	Lead - 12 " required
7171-056-02	Terminal (1) battery lead

### INTERFERENCE SUPPRESSION ACCESSORIES

4009-024-08	Capacitor (1) .5uF alternator by-pass
4009-024-02	Capacitor (1) .5uF ignition coil by-pass
4021-012-01	Resistive Suppressor (1) screw-in, distributor

### COMPONENTS SUPPLIED WITH RECEIVER.

7070-115-11	Dial Reading (1)
7119-046-01	Filler Bar (1)
7152-272-01	Speednut (2) filler Bar
7065-011-01	Fuse Cover (1)
7086-125-04	Contact (1) fuse cover