

'diamond-dot'

CAR RADIO DIVISION, RADIO CORPORATION PTY. LTD.
1090-1140 Centre Road, Clayton — Phone 544 2444

DATSUN — 3

File: DATSUN

Date: 7.4.72

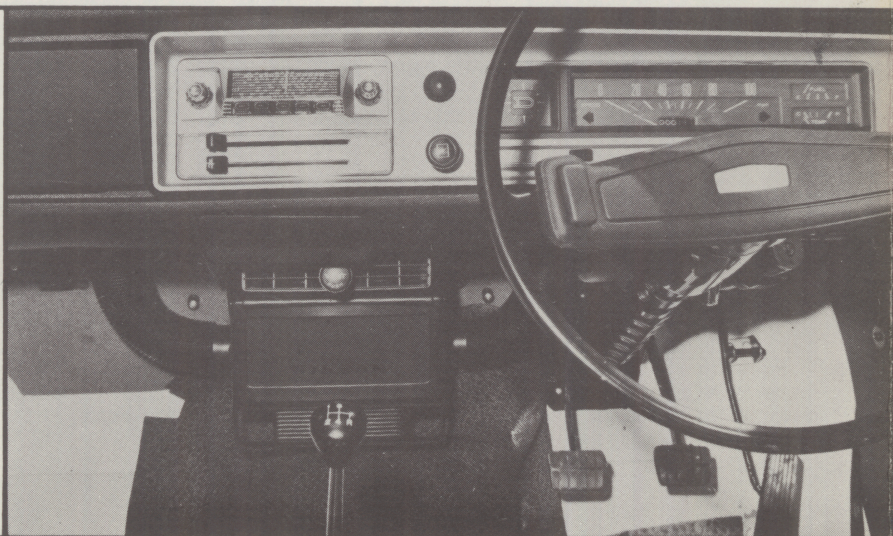
INSTALLATION INSTRUCTIONS for fitting
J-SERIES and MN-C23Y RECEIVERS
into the
DATSUN 1200 (STATION WAGON AND 4-DOOR SEDAN)

Installation Accessory Package - Part No. 7281-138-03

Aerial — Pillar Mount Type : Part No. 4074-219-51.

WARNING: Battery lead of these receivers must be connected
only to the **POSITIVE** terminal of a battery.
Connection to incorrect polarity will damage the receiver.

NOTE: The **AERIAL TRIMMER** must be adjusted at conclusion of installation.



THE AERIAL is to be mounted on the driver's side windscreen pillar. Remove the plug from the 1/2" dia. hole in the pillar. If aerial mounting holes are not provided on the pillar, mark the position 12" up from the centre of the 1/2" hole and 1/2" from the inside corner of the drain channel. Drill a 7/64" dia. hole in this position. Remove the clip-on cover from base of aerial. Feed the lead-in cable through the 1/2" dia. hole and down inside the pillar. Hold the aerial against the pillar, parallel with the drain channel, and slide the base of the aerial fully up so that the plastic anchor boss locates behind the metal face of the pillar; mark through the fixing hole at the bottom of the aerial. Remove the aerial and lead-in cable then drill a 1/8" dia. hole in the position marked. Screw the insulated aerial support ring into the uppermost hole in pillar. Slide the aerial through the support ring and pass the lead-in cable down the pillar to the car interior. Fasten bottom of aerial to pillar using self-tapping screw provided with aerial. Fit clip-on cover to base of aerial.



AERIAL LEAD-IN CABLE Pass aerial lead-in cable behind wiring loom near bottom of windscreen pillar then through the round holes at top of vertical sections of steering column support bracket.

THE SPEAKER is to be mounted in the aperture provided in the passenger-side kick pad.

- Remove and discard the cover plate fitted over speaker mount aperture.
- Using the speaker as a template against the kick pad, mark the positions of the screw holes. Drill 9/64" holes in these positions. NOTE: These holes may already be drilled on some cars.
- Lay the escutcheon over face of speaker so that mount holes align. Insert 3/4" x No.10 self-tapping screws through the four mount holes then fit rubber washers over screw threads.
- Pass speaker lead into speaker mount aperture and out through the smaller hole directly above.
- Engage speaker mounting screws in holes in kick pad and tighten securely. Ensure rubber washers do not drop off.

THE RECEIVER is to be mounted in the position provided on the instrument panel. It is to be supported by barrel nuts fitted to the control bushes and by a side mount brace fastened to a bracket provided in the car.

- Remove the two screws fastening the dust shield to top front of receiver can and discard the dust shield.
- Fit dial pointer to carriage arm (already fitted on 23Y receivers).
- Fit dial to escutcheon. If a MANUAL receiver is being installed, fit filler bar to pushbutton opening and fasten securely with speednuts.
- Remove the glove box (four screws).
- Remove and discard the plate covering the radio mount plate on car instrument panel.
- Insert 3-amp fuse into fuse holder on battery lead then connect fuse holder to fuse cover on end of receiver power lead.

- Pass free end of battery lead through glove box aperture. A short blue lead with a white tracer branches from the main cable loom directly behind the receiver mount position; engage the female bullet-type connector of this lead with the battery lead connector.
- Pass the receiver through the glove box to its mounting position behind the radio mount plate; the control spindles are to protrude through the slots. Place the backing plate and the escutcheon in position then fit barrel nuts and plated washers to control bushes: do not fully tighten yet.
- Hold side mount brace against left side of receiver with short arm at bottom, turned outward and resting on bracket provided in car. Loosely fasten brace to bracket using 3/4" x No.10 self-tapping screw into speednut provided on brace.
- Loosely fasten brace to receiver using 3/8" x No.6 hex. hd washer-attached screw into the thread form near rear of receiver.
- Support rear of receiver and securely tighten both barrel nuts, the lower brace mount screw then the upper brace mount screw.
- Fit manual control knobs.
- Fit aerial lead-in cable connector to receiver aerial socket.
- Fit speaker lead connector to receiver speaker socket.
- Refit glove box.

INTERFERENCE ELIMINATION Connect the interference suppressing components as follows:

- Disconnect battery leads.
- Alternator: 0.47µF capacitor - Part No. 4009-045-07 (terminal with right-angled mounting lug). Attach the connector to the spare terminal of the alternator. (If no spare terminal, connect to terminal which has red insulator). Hold the capacitor against the rear side of the alternator swivel mount bracket in a position which ensures that the lead is not under strain and cannot foul any moving parts. Thoroughly clean all paint from both sides of the brackets at the selected point. Securely fasten capacitor to bracket using 3/4" x 1/4" hex. hd. screw with flat washer under head, then flat washer and shakeproof washer under nut.
- Ignition Coil: 0.47µF capacitor - Part No. 4009-045-40 (1/4" Lucar, female-type terminal). Fit terminal on end of lead to positive (+) terminal of coil using existing nut. Loosen the ignition coil lower mounting screw and fit forked foot of capacitor under the flat washer. Securely tighten screw.
- Earth Braid. Remove the screw and washer attaching the oil junction block to the fire wall. Clean any oil and grease from face of junction block. Fit one end of earth braid under mount washer; replace and tighten screw. At the driver's side of the engine block, almost below the oil junction block, there is an upright bracket. Remove the mounting screw of this bracket and thoroughly clean the area of the mount hole. Fit the free end of the earth braid under mount washer. Replace and securely tighten screw.
- Reconnect battery leads.

AERIAL TRIMMER ADJUSTMENT Switch receiver ON and allow to operate for several minutes. Raise aerial to half its extended height and tune the receiver to a weak station near 1000 kHz (approximately centre of dial). Adjust aerial trimmer knob on rear left corner of receiver for maximum volume.

C O M P O N E N T P A R T S L I S TCOMPONENTS SUPPLIED WITH RECEIVER

7070-115-11	Dial (1) all-State - (J-Series receivers only)
7070-115-51	Dial (1) all-State - (C23Y receivers only)
7119-046-01	Filler bar (1) - (manual receivers only)
7152-272-01	Speed nut (2) filler bar fastening
7065-011-01	Fuse cover (1) receiver power lead
7086-125-04	Contact eyelet (1) fuse cover

INSTALLATION ACCESSORY PACKAGE - PART NO. 7281-138-03Speaker Installation Parts

4056-026-01	Speaker (1) 5-1/4" round
7084-399-01	Speaker escutcheon (1)
7201-080-23	Screw (4) 3/4" x No.10 csk. hd.
7261-089-02	Rubber washer (4)
4077-174-04	Speaker lead assembly (1) complete
	consists of:
1171-023-66	Lead (36" long)
7171-015-01	Plug (1)
7244-034-01	Terminal (2)

Receiver Installation Parts

7173-042-04	Dial pointer (1) - (required for J-Series receivers only.)
7084-147-95	Escutcheon (1) complete
	includes:
	'diamond dot' emblem
	DATSUN metcal
4077-175-55	Battery lead assembly (1) complete
	consists of:
1169-051-08	Lead (12" long)
7113-001-01	Fuse holder (1)
7225-012-02	Spring (1)
7086-125-04	Contact eyelet (1)
7171-056-01	Terminal (1)
4071-010-01	Fuse (1) 3-amp
7419-008-01	Packing plate (1)
7150-854-20	Barrel nut (2)
7261-484-02	Washer (2) plated
7415-119-03	Brace (1) side mount
7152-754-04	Speed nut (attached to brace)
7201-580-03	Screw (1) 3/4" x No.10 pan hd. - brace to bracket
7201-721-11	Screw (1) 3/8" x No. 6 hex. hd., washer-attached - brace to receiver.
7124-435-03	Knob (2) tuning and volume - front
7124-425-11	Knob (2) on/off and tone - rear

Interference Elimination Accessories

4009-045-07	0.47µF capacitor (1) alternator by-pass
4009-045-40	0.47µF capacitor (1) ignition coil by-pass
7029-001-01	Earthing braid (12" long)
7198-029-13	Screw (1) 3/4" x 1/4" Whit. hex. hd. - capacitor to swivel bracket.
7261-026-03	Washer (2) 5/8" x 17/64" flat steel - capacitor to swivel bracket.
7261-516-01	Washer (1) 1/4" External shakeproof - capacitor to swivel bracket.
7148-105-11	Nut (1) 1/4" hex. - capacitor to swivel bracket

OPTIONAL DIALS

	<u>J-SERIES</u>	<u>MN-C23Y</u>
N.S.W.	7070-115-02	7070-115-52
Vic.	7070-115-03	7070-115-53
Qld/N.G.	7070-115-04	7070-115-54
S.A.	7070-115-05	7070-115-55
W.A./N.T.	7070-115-06	7070-115-56
Tas.	7070-115-07	7070-115-57
Numerical	7070-115-08	7070-115-58