

ALL TRANSISTOR TAPE PLAYER AND RADIO

Installation Instructions for

VOLKSWAGEN SEDAN

This package contains the following:

<i>Quantity</i>	<i>Description</i>
1	Antenna Kit
1	Player/Radio, PA8MV
1	Nut, Hex # ¼-20 stamped
4	Screw, Speaker Mounting #12 x ½
1	Condenser, Generator
1	Tag, Warranty
1	Bezel, Trim
1	Bracket—Radio Mounting
1	Speaker Assembly
1	Installation Instructions and Contents List
1	Owner's Manual
1	Adapter, Terminal
1	Terminal, Quick-splice
1	Insulator
1	Suppression Choke
1	Gasket, Speaker

MOTOROLA INC.



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INSTALLATION INSTRUCTIONS

1. INSTALL ANTENNA

- a. Remove plug from antenna opening in cowling at left side of car.
- b. Install antenna as shown.

CAUTION: Route antenna lead under rear edge of trunk floor cover to keep antenna lead clear of trunk hinge.

NOTE: The antenna supplied is a specially designed low-capacitance unit. The use of a substitute antenna is NOT recommended.

2. INSTALL SPEAKER

- a. Remove speaker grille by straightening twist tabs. Remove and discard cover.
- b. Install speaker gasket and speaker assembly using four #12 x ½ screws. Position with speaker lugs downward.
- c. Replace speaker grille and replace the sealing putty over the twist tabs to prevent rust.

3. INSTALL PLAYER/RADIO

- a. Disconnect Battery. Detach air duct assembly from cowl.
- b. Uncover radio opening in instrument panel by carefully cutting out section of trim padding outlined with groove as shown in detail in Figure 1. (See Dealer for special tool to guide cutting operation.)

- c. Place trim bezel into cut out opening. If trim bezel does not fit properly, it may be necessary to remove high spots from cut edge of foam plastic.

CAUTION: When taking next step, be sure harness and control cables do not get caught by corner of unit.

- d. Partially insert unit into radio opening, BUT DO NOT ENGAGE SPRING CLIPS AT THIS TIME.

- e. Make following electrical connections:

- 1) Connect speaker leads.
- 2) Plug antenna lead-in into antenna receptacle.
- 3) Disconnect grey-red lead from lamp terminal on left side of speedometer case. Attach terminal adapter on vacated terminal. Reconnect grey-red lead to one blade of terminal adapter and radio dial lamp lead (blue) to other blade.
- 4) Plug fuse lead onto #2 terminal of fuse block.

CAUTION: This method of wiring connects the radio to the battery ahead of ignition switch. Do NOT operate the radio through the ignition switch. Possible distributor and automatic choke damage may result.

- 5) Reconnect battery

- f. Adjust antenna trimmer as follows:

- 1) Extend antenna fully; turn radio on and tune in a weak station (or random noise level between stations) between 1400 and 1600 KHz.
- 2) Set volume control to maximum.
- 3) Pull unit out of radio opening far enough to expose antenna trimmer screw.
- 4) Adjust antenna trimmer for maximum volume.

NOTE: Optimum radio performance is obtained with antenna fully extended. If radio is operated consistently with the antenna only partly extended, preceding adjustment should be made with antenna in desired position.

- g. Press unit into radio opening until spring clips snap into place and lock unit against lip of radio opening. (If spring clips do not snap into place, pull off radio control knobs and back off the ⅜" nut on each control shaft until spring clip can be snapped into place. Retighten ⅜" nuts and replace knobs.)

- h. Loosely attach mounting bracket to stud on rear of unit with ¼ stamped nut.

- i. Secure mounting bracket to existing bracket on trunk floor and tighten ¼ stamped nut to stud on unit with 7/16" box wrench.

j. **IMPORTANT:** Operate windshield wipers to be sure that all wires, especially hot lead to headlight switch, clear the windshield wiper linkage. If necessary, tape wires out of way.

k. Reattach air duct assembly.

INSTALL NOISE SUPPRESSION EQUIPMENT

a. Mount generator condenser under screw and lockwasher as shown in Figure 2. Attach quick-splice terminal to armature lead (heavy red lead) and crimp. Slip insulator over quick-splice terminal and close flap. (See detail.) Connect condenser lead to quick-splice terminal.

CAUTION: Failure to install this condenser will result in noisy radio reception after normal generator wear.

b. Install suppression choke to constant-voltage regulator located on speedometer case as shown in Figure 3.

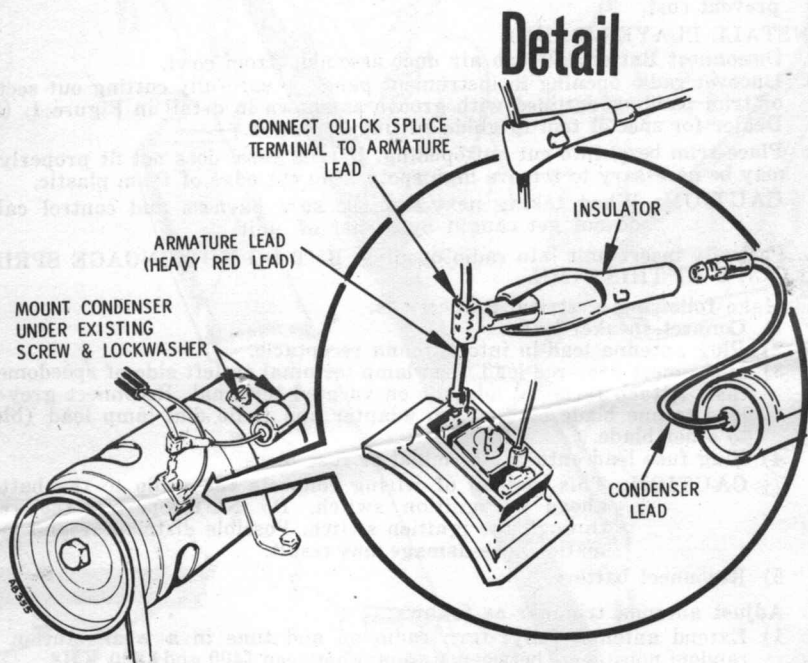


FIG. 2.

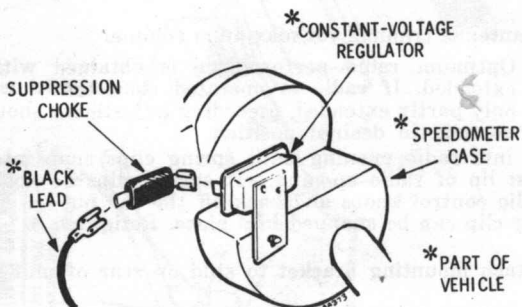


FIG. 3.