

Sedan Range

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## SERVICE

# **TECHNICAL BULLETIN**

Motorola Cellular Phone Installation – Feature Changes/Installation Information

MODEL 1995 MY Sedan Range VIN

720001-ON

#### **ISSUE:**

The audio system of 1995 MY Sedan Range vehicles has been revised for the operation of "hands free" cellular phones. The revision includes changes to the vehicle harness and connections.

When using the cellular phone in "hands free" mode, the vehicle radio mutes and telephone audio is switched to the rear door speakers. An external "hands free" microphone is still required. If the radio is switched OFF, initiation of a "hands free" call activates the rear door speakers. The system automatically switches OFF after the call is ended.

#### **ACTION:**

Refer to the following information when installing Motorola cellular telephones in 1995 MY Sedan Range vehicles.

#### PERMANENT MOUNT CELLULAR TELEPHONE - INSTALLATION INFORMATION

| COMPONENT                    | CONNECTOR LOCATION  | CONNECTOR                               |
|------------------------------|---|---|
| "Hands free" microphone      | Overhead console - beside sliding roof motor                          | CA67 (Blue Multilock 040)               |
| Telephone handset            | Center console - fixed with Velcro, adjacent to gear selector housing | RT63 (Black RJ-11)                      |
| Motorola transceiver         | Trunk - behind fuel tank carpeted panel                               | RT62 (Black 25 way DB-25)               |
| Motorola transceiver antenna | Trunk - behind fuel tank carpeted panel                               | RT64 (Black cap, mini UHF)              |
| External antenna             | Above rear window - under headliner                                   | RT65 (White cap, "Unidaptor" connector) |

NOTE: The security system antenna is in the rear window. Mount the cellular telephone "glass mount" external antenna to the left of the security system antenna. Most external antenna installations will require an FME / Mini UHF adapter (Hirschmann 927950-008) to connect to the external antenna cable. The adapter may be sourced locally. It is also available from Hirschmann of America Inc., Riverdale, NJ (tel. 201-835-5002).

### RADIO CONFIGURATION SETUP

The radio is configured during vehicle build with the "hands free" telephone mode switched OFF. To configure the "hands free" mode you must perform the following:

- Switch the ignition key to position I
- Switch the radio ON
- Press FM/AM and EJT at the same time to enter SETUP/CONFIG MODE
- Press radio preset 4 to toggle the "hands free" telephone mode ON or OFF.

#### RADIO SETUP/CONFIG OPTIONS

| Preset 1 | USA/AUST      | USA or Austria specifications                |
|----------|---------------|--|
| Preset 2 | Tape ON/OFF   | Cassette tape maintenance reminder on or off |
| Preset 3 | Aerial ON/OFF | Antenna maintenance reminder on or off       |
| Preset 4 | Tel ON/OFF    | "Hands free" mode on or off                  |
| Preset 5 | No Effect     |  |
| Preset 6 | No Effect     |  |

NOTE: If the "hands free" microphone function is inoperative after the installation is complete and the radio has been configured, reverse the microphone wires and retest the operation of the telephone.

#### MOTOROLA FLIP PHONE CELLULAR TELEPHONE - INSTALLATION INFORMATION

| COMPONENT                       | CONNECTOR LOCATION                  | CONNECTOR   |
|---------------------------------|-------------------------------------|---|
| Mounting kit/charger            | Center console - under cubby box    | Blue male Multilock 040 - (Lt. green/yellow wire = 12 V+, Black wire = ground)  |
| Mounting kit antenna            | Center console - under cubby box    | White cap, mini UHF   |
| For future use                  | Center console - under cubby box    | Black male Multilock 040 - (Blue/yellow and brown wires)  |
| External antenna coaxial cables | Trunk - behind fuel tank panel      | White cap, mini UHF,<br>Black cap, mini UHF-<br>(connect the White cap mini UHF to<br>the Black cap mini UHF with a locally<br>sourced double female mini UHF<br>adapter, Radio Shack R 278-172 or<br>equivalent) |
| External antenna                | Above rear window - under headliner | RT65 (White cap, "Unidaptor" connector)   |

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