



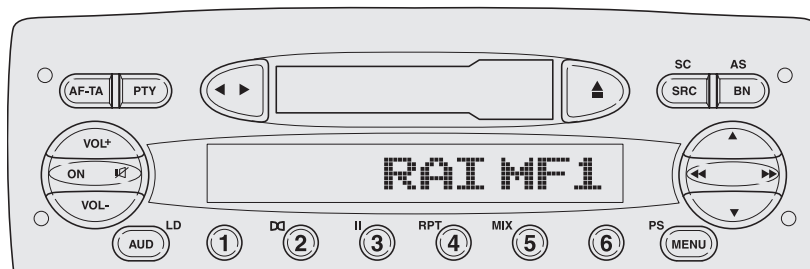
Alfa 156
Alfa 156 GTA

Sound System



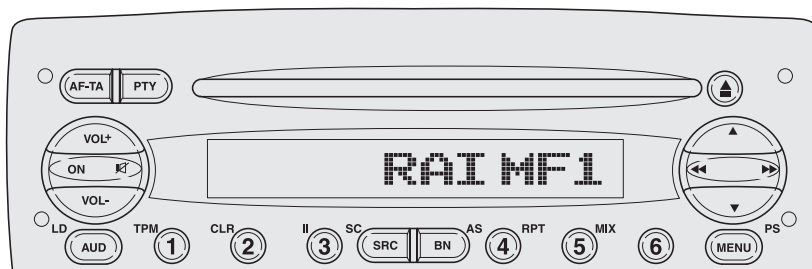
SOUND SYSTEM WITH CASSETTE PLAYER

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SOUND SYSTEM WITH COMPACT DISC PLAYER

A0B0365b



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INTRODUCTION

The fixed radio, fitted with cassette player (radio with cassette player) or with Compact Disc player and parametric sound equalizer (radio with Compact Disc player), has been designed to suit the specific characteristics of the passenger compartment, with a personalised design that matches the style of the dashboard.

The radio is installed in a user-friendly position for the driver and passenger and the graphics on the front panel make location of the controls quick, facilitating use.

The CD-Changer, if present, is housed in the right-hand side of the boot.

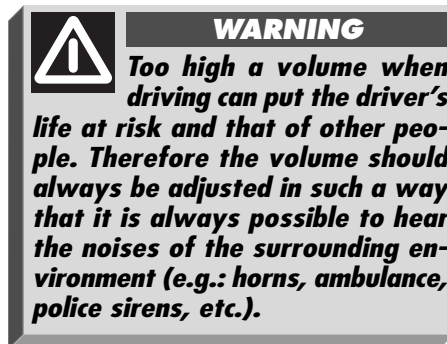
To increase security against theft, the set is fitted with a protection system which makes its use possible only on the car on which it was originally installed.

The instructions for use are given below which you are advised to read carefully. The instructions also include how to control the CD-Changer through the radio. For the instructions for use of the CD-Changer, refer to the specific manual.

ADVICE

Road safety

You are advised to learn how to use the various radio functions (e.g.: storing stations) before starting to drive.



Reception conditions

Reception conditions change constantly when travelling. Reception may be disturbed by the presence of mountains, buildings or bridges particular if far away from the broadcasting transmitter.

WARNING During the reception of traffic information, the volume may be higher than normal.

Care and maintenance

The radio is made in such a way that it does not require particular maintenance. In the event of a failure, contact Alfa Romeo Authorised Services.

To clean the front panel only use a soft, antistatic cloth. Cleaning and polishing products might spoil the surface.

Cassettes

To obtain optimum playing conditions we give the following advice:

- do not use poor quality cassettes, with distortions or labels detached;

- never leave the cassette in the radio when not in use;

- never insert other objects in the cassette slot;

- do not expose cassettes to the sun or high temperatures;

- put cassettes back in their boxes after use;

- over time, dirt on the playing head caused by tapes may reduce the high notes when playing. You are therefore advised to clean the head routinely using a special cleaner taper of the non abrasive type;

- preferably use C-60 cassettes and in any case no longer than C-90 to ensure the best playing conditions;

- avoid inserting cassettes with damaged tapes in the radio, especially if using C-90 cassettes, as the tape might come out and get stuck;

- do not lubricate the cassette mechanism;

- do not touch the player head with magnetic or hard objects.

Compact Discs

Remember that dirt, marks or distortion on Compact Disc can cause skipping. For top performance conditions, we give the following advice:

- Only use Compact Discs which have the following brand:

- Carefully clean all Compact Discs of fingerprints and dust using a soft cloth. Support Compact Discs from the outer circumference and clean from the centre outwards.



- Never use chemical products for cleaning (e.g. spray cans, antistatic or thinners) as they might damage the surface of Compact Discs.

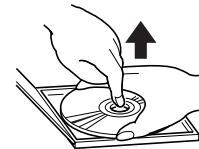
- After use, put Compact Discs back in their container, to avoid marks or scratches that may cause skipping when playing.

- Do not expose Compact Discs to direct sunlight, high temperatures or damp for prolonged lengths of time to prevent them from bending.

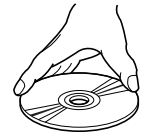
- Do not stick labels or write on the recorded surface of Compact Discs.

To remove a Compact Disc from its container, press the centre and raise the disc carefully, holding it by the outer circumference.

Removing the disc

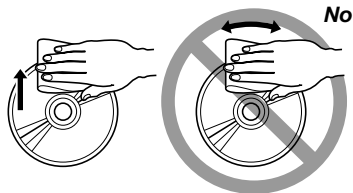


Proper way to hold the compact disc

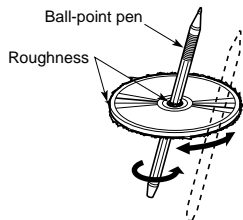


Always hold Compact Discs by the outer circumference. Never touch the surface.

To remove fingerprints and dust, use a soft cloth starting from the centre of the Compact Disc outwards.



New discs may be rough around the edges. When these discs are used, the player might not work or the sound might skip. To remove the roughness from the edge of the disc use a ball-point pen, etc.



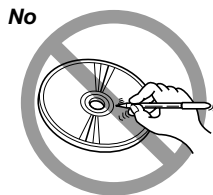
To obtain the best sound quality, use original CD supports. Correct operation is not ensured if not correctly written CD-R/RW supports and/or with capacity higher than 650 MB are used.

WARNING Do not use the protective sheets for CD in commerce or discs with stabilisers, etc. as they might get stuck in the internal mechanism and damage the disc.

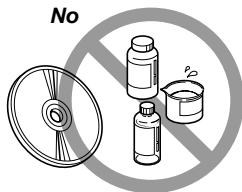
WARNING If the CD is copy-protected, the system may need few seconds before starting to play it.

Notes on Compact Discs

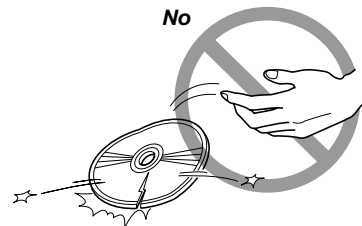
Do not stick labels on the surface of the Compact Disc or write on the surface with pens or pencils.



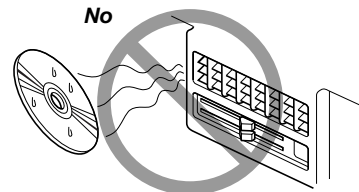
Do not use solvents like stain removers, antistatic sprays or thinners in commerce for cleaning Compact Discs.



Do not use highly scratched, cracked, or distorted discs, etc. The use of these discs will involve malfunctioning or damage to the player.



Do not expose Compact Discs to direct sunlight or any source of heat.



SOUND SYSTEM WITH CASSETTE PLAYER

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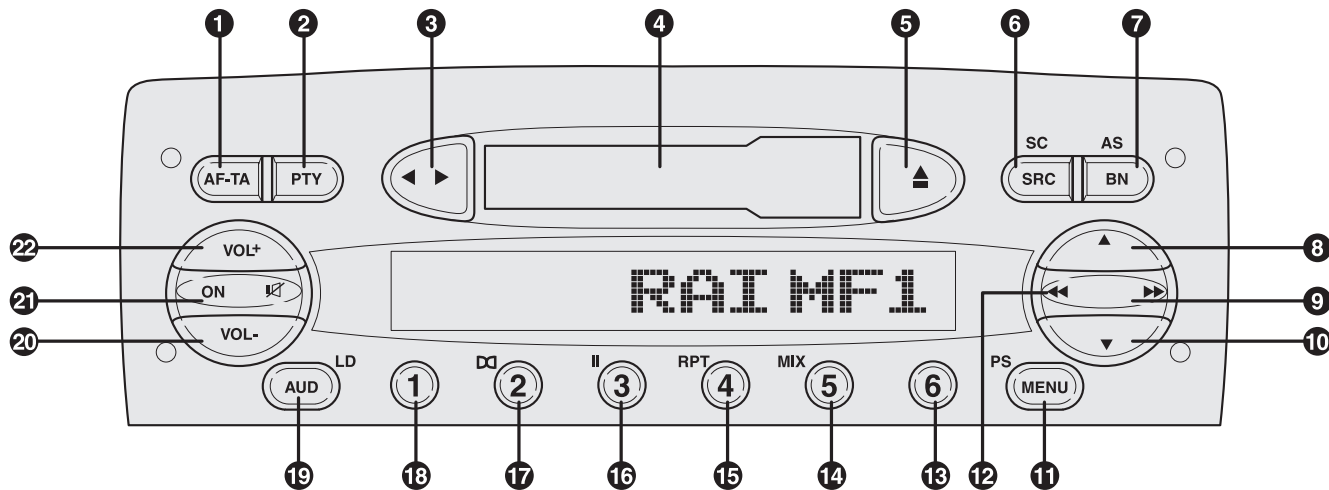


fig. 1

GENERAL


The set possesses the following functions:

Radio section

- PLL tuning with FM/MW/LW frequency bands
- RDS (Radio Data System) with TA (traffic information) - PTY (Program Type) - EON (Enhanced Other Network) - REG (Regional Programmes) functions
- Alternative frequency search selection in RDS mode (AF function)
- Emergency alarm reception provision
- Automatic/manual station tuning
- Manual storage of 30 stations: 18 in the FM band (6 in FM1, 6 in FM2, 6 in FMT), 6 in the MW band and 6 in the LW band
- Automatic storage (Autostore function) of 6 stations in FM band
- SENS DX/LO function (sensitivity adjusting in searching radio stations)
- Scan Function (scanning stored stations)
- Automatic Stereo/Mono switching.

Cassette section

- Autoreverse
- Tape fast forward/rewind
- CrO₂ tape equalizing
- MSS function (automatic search for last/next track)
- Repeat function (repetition of last piece)
- Scan function (scan of tracks on tape)
- DOLBY B (noise reduction circuit) (*)
- Powered cassette loading and eject.

(*) The DOLBY reduction circuit is made under the licence of Dolby Laboratories Licensing Corporation. DOLBY and the  symbol with double D are patented brands of Dolby Laboratories Licensing Corporation.

Compact Disc section (when the CD-Changer is fitted)

- Disc selection (disc no.)
- Track select (forward/backward)
- Fast forward/backward
- Repeat function (repetition of last piece)
- Scan function (scanning the tracks on the Compact Disc)
- Mix function (random playing of tracks).



For installation and connection of the CD-Changer apply only to Alfa Romeo Authorised Services.



WARNING

On multimedia CDs in addition to sound tracks also data tracks are recorded. Playing one of these CDs may cause rustling and such a volume as to compromise road safety, as well as causing damage to the final stages and speakers.

Sound section

- Pause function
- Loudness function
- Soft Mute function
- Separate bass/treble adjustment
- Right/left and front/rear channel balancing.

ANTITHEFT PROTECTION

The radio is fitted with an antitheft protection system based on the entry of the secret code associated to each set. During the code entry procedure the display shows the word **"CODE"**. The set will not work until the correct code is entered.

This way the protection system makes the radio unusable after removal from the dashboard in the case of theft.

Entering the secret code

Entry of the secret code is required to allow the radio to work each time it is connected to the car electric system.

Connecting the radio to the car supply, the display shows the word **"CODE"** for about 2 seconds, followed by four dashes **"- - - -"**.

The secret code comprises four figures from 1 to 6, each corresponding to one of the dashes.

To enter the first digit of the code, press the corresponding button of the preset stations (from 1 to 6). Enter the other code digits in the same way.

If the four figures are not entered within 20 seconds, the display shows the word **"CODE"** for 2 seconds and then four dashes **"- - - -"**. This is not to be considered as an incorrect code entry.

After entering the fourth digit (within 20 seconds), the radio starts working.

If a wrong code is entered, the radio sounds a beep, the display shows the word “**CODE**” for 2 seconds and then four dashes “- - - -” to warn the user that it is necessary to enter the correct code.

Every time the user enters a wrong code, the waiting time increases gradually (1 min, 2 min, 4 min, 8 min, 16 min, 30 min, 1h, 2h, 4h, 8h, 16h, 24h) until reaching a maximum of 24 hours.

The waiting time will be shown on the display with the word “**WAIT**”. When this goes off it is possible to start the new code entry procedure.

Code Card

This is the document that certifies possession of the radio. The Code Card contains the radio model, serial number and secret code.

WARNING Keep the Code Card carefully to be able to give the related data to the competent authorities in the event of theft.

GLOSSARY

AF (Alternative Frequency)

Function that allows the radio to stay tuned on the FM station selected also passing through areas served by transmitters with different frequencies.

In fact the RDS system keeps the intensity and quality of the signal received under control, automatically switching tuning on the frequency of the transmitter that is sending the strongest signal.

Autoreverse

Function that makes it possible to listen to both sides of the tape without having to turn the cassette over.

Autostore/Travelstore

Function with which it is possible to store automatically radio stations.

Balance (Channel balancing)

Function with which it is possible to appropriately adjust the sound from the right or left speakers.

Bass

This function adjusts the bass tones.

Blank skip

Function that activates tape fast forward in the lack of a signal. This way the waiting times between one piece of music and another and at the end of the tape are reduced.

CD-Changer

Multiple Compact Disc player.

Dolby B

Tape noise limiting device produced under licence of “Dolby Laboratories Licensing Corporation”.

EON (Enhanced Other Network)

Function that allows the radio to tune automatically on a different station that the one being listened to which broadcasts traffic information.

Fader

Function with which it is possible to appropriately adjust the sound from the front or rear speakers.

Hicut (Treble reduction)

Function with which it is possible to reduce the treble tones, in accordance with the signal transmitted.

Distant/Local (Sens Dx/Loc)

These are two levels of reception sensitivity.

1) Distant (maximum sensitivity), which makes it possible to tune all the stations that can be received.

2) Local (minimum sensitivity), which makes it possible to tune only those stations with sufficiently strong signals, such as for example local stations.

Loudness

Function that automatically emphasises the bass and treble tones when listening, at low level. It is cut off with the volume set to the maximum.

Mix

This function is used to randomly select a Compact Disc among those present in the loader and all the tracks on this Compact Disc are played in random sequence.

MSS (Previous/next track search)

With this function it is possible to listen to the next or previous track or cassette.

Mute

Function which, if activated, brings the volume to zero. Press the button again to restore volume.

Presettings

Number of radio stations that can be stored manually or automatically.

PTY (Program Type)

This function allows the presetting of a category of programmes such as for instance, news bulletins, music, sport, etc. The set automatically gives priority to the type of programme selected when transmission starts, interrupting the one in progress.

RM (Radio Monitor)

This function makes it possible to listen to the radio during fast tape rewind.

RDS (Radio Data System)

This is radiophonic information system which uses the 57 kHz subcarrier of normal FM broadcasts.

With this function it is possible to receive different types of information such as traffic bulletins, station names, alternative frequencies or special programmes selected through the PTY function.

REG (Regional transmission reception function)

Function with which it is possible to tune only to local (regional) stations.

Repeat (Track repeat)

Function with which it is possible to continuously listen to the last track played on the Compact Disc.

Scan

Function with which it is possible to listen for a few seconds to all the radio stations stored, or the beginning of all the tracks contained on a cassette or Compact Disc.

Scrolling

Function with which it is possible to receive different programmes in the same network (in the FM band only).

Sharx

Function used to reduce interference in FM.

PLL tuning

Digital tuning with Phase Lock Loop circuit to obtain the best radio channel tuning.

Soft Mute

Function that gradually lowers and lowers the volume when Mute is turned on or off.

Sound Flavour

A function that sets the best equalizing possible depending on the type of music selected (Classic, Jazz, Rock, etc).

TA (Traffic information)


Function with which it is possible to receive the traffic information broadcast by the stations enabled, also when tuned to another station or listening to a cassette, CD or during a phone call.

Treble

This adjusts the treble tones.

CONTROLS ON FRONT PANEL (fig. 1)

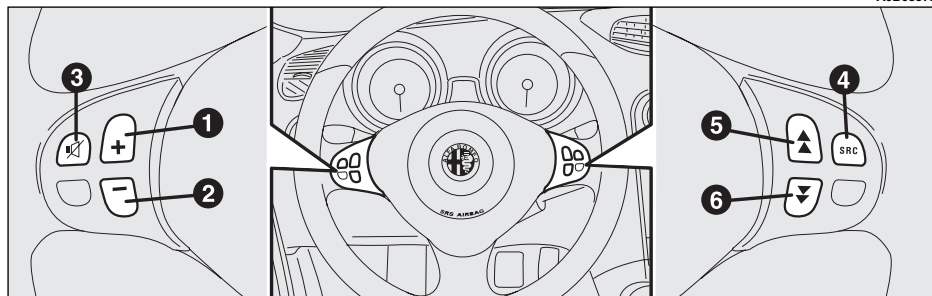
- 1. AF-TA** Function select button:
 - AF (alternative frequencies)
 - TA (traffic information)
- 2. PTY** Function select button:
 - RDS PTY (type of RDS programme)
 - Choice of the subject of PTY transmission in EON mode (Enhanced Other Network)
- 3. ◀▶** Autoreverse function select key
- 4.** Cassette compartment
- 5. ▲** Eject button
- 6. SRC-SC** Radio - Cassette - CD-Changer and Scan (listening to stations in sequence) operating mode select key
- 7. BN-AS** Radio frequency range select function (FM1, FM2, FMT, MW, LW) - Autostore
- 8. ▲** Sound and Menu functions select key and automatic station search
- 9. ▶▶** Selected Sound and Menu adjustment and manual station search key
- 10. ▼** Sound and Menu function and automatic station search key
- 11. MENU-PS** Menu functions and Scan function key (listening in sequence to stored stations)
- 12. ◀◀** Selected Sound and Menu functions adjustment and manual station search
- 13. 6** Function select key:
 - Call station no. 6
 - Storing station no. 6
- 14. 5-MIX** Function select key:
 - Call station no. 5
 - Storing station no. 5
 - Random CD playing
- 15. 4-RPT** Function select key:
 - Call station no. 4
 - Storing station no. 4
 - Continuous CD playing
- 16. 3-II** Function select key:
 - Call station no. 3
 - Storing station no. 3
 - CC/CD playing pause
- 17. 2-◻◻** Function select key:
 - Call station no. 2
 - Storing station no. 2
 - DOLBY B (noise reduction circuit)

- 18. 1** Function select key:
 – Call station no. 1
 – Storing station no. 1
- 19. AUD-LD** Sound function select key:
 bass, treble, right/left and front/rear balancing and Loudness
- 20. VOL-** Volume reduction button
- 21. ON-** Function select key:
 – Set on/off
 – Mute on/off
- 22. VOL+** Listening volume increase button

CONTROLS ON STEERING WHEEL (fig. 2)

The main radio function controls are repeated on the steering wheel, to allow easier control.

- 1.** Volume increase button
- 2.** Volume decrease button
- 3.** Mute function button
- 4.** Radio frequency range select button (FM1, FM2, FMT, MW, LW) and available listening sources (Radio - Cassette - CD-Changer)
- 5.** Multifunction button:
 – Radio: call preset stations (from 1 to 6)
 – Cassette player: searching next track (MSS function)
 – CD-Changer: selecting next track
- 6.** Multifunction button:
 – Radio: call preset stations (from 6 to 1)
 – Cassette player: search previous track (MSS function)
 – CD-Changer: select previous track.



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fig. 2

Volume adjustment and Mute function buttons

The buttons for volume adjustment **(1)** and **(2)** and for turning Mute on/off **(3)** work in the same way as the corresponding buttons on the radio.

Radio frequency and sound source select button

To cyclically select the radio frequencies and sound sources, briefly and repeatedly press button **(4)**.

The frequencies/sources available are: FM1, FM2, FMT, MW, LW, CC*, CD**.

(*) Only if the cassette is inserted

(**) Only if the CD-Changer is connected

Multifunction buttons (5) and (6)

The multifunction buttons **(5)** and **(6)** call the preset radio stations, seek the next/previous piece when listening to a cassette (MSS function) or select the next/previous piece when listening to a Compact Disc.

Press button **(5)** to choose stations from 1 to 6 or to listen to the next track on a cassette or CD.

Press button **(6)** to choose stations from 6 to 1 or to listen to the previous track on a cassette or CD.

FUNCTIONS AND ADJUSTMENTS (fig. 1)

Switching on

The set is switched on pressing the “**ON**” button **(21)**. If the radio was on before the engine was turned off, it will turn on again automatically the next time the engine is started.

If the radio is turned on with the ignition key at **STOP**, it will turn off automatically after about 20 minutes.

With the ignition key at **MAR** the “**ON**” button is always lit to facilitate turning on the radio.

When the radio is turned on again it will resume with the same settings that were working before turning off, with the exception of the volume which, if it was set to above 20, it is activated at 20.

Turning the radio off

To turn the radio off press the “**ON**” button (**21**).

If the ignition key is turned to **STOP** when the radio is on, it will turn off automatically and turn on again the next time the ignition key is turned to **MAR**, keeping the same settings except for the volume level which, if set to over 30, will anyway be brought to 30.

Selecting Radio/Cassette/CD-Changer functions

Briefly and repeatedly pressing the “**SRC**” button (**6**) it is possible to select the following functions in sequence:

- TUNER (Radio)
- CASSETTE (only if the cassette is inserted)
- CHANGER (only if the CD-Changer is connected).

After each change of the listening source, for about 2.5 seconds, the display shows the function selected: **TUNER** (Radio), **CASSETTE** (Cassette tape), **CHANGER** (CD-Changer).

The functions that cannot be selected (e.g. “CASSETTE” when the cassette is not inserted) are automatically disabled. If the cassette is not inserted and the CD-Changer is not connected, pressing the “**SRC**” button (**6**) the display shows the word “**TUNER**” (Radio) for about 2.5 seconds.

WARNING If the radio is being heard with a cassette inserted and the CD-Changer connected, pressing the “**SRC**” button (**6**) selects the last function used (either Cassette or CD-Changer).

Pause function

If while listening to a cassette or Compact Disc another function is selected (e.g. the radio), playing is stopped and when the cassette or Compact Disc mode is resumed, it starts again from the point in which it was stopped.

If while listening to the radio another function is selected, when the Radio mode is resumed, it is tuned to the last station selected.

Volume adjustment

Press the "**VOL+**" button (22) to increase the volume or "**VOL-**" (20) to lower it.

Pressing the button briefly the change is gradual by steps. Pressing longer, the change is fast. For a few seconds the display shows the wording "**VOL**" and the volume level (from 0 to 66).

If the volume level is changed during the broadcast of a traffic bulletin or during use of the phone (if the voice feature is installed), the new setting is maintained only until the end of the bulletin or phone call.

Mute function (turning off the volume completely)

To switch on the Mute function, briefly press (less than 1 second) the "🔇" button (21). Volume will gradually lower (Soft Mute function) and the display will show the function selected and the word "**MUTE**".

To switch off the Mute function again press the "🔇" button briefly again (21). The volume will gradually become louder (Soft Mute function) returning to the value set before switching on the Mute function.

The Mute function is also switched off pressing one of the volume adjustment buttons "**VOL+**" (22) or "**VOL-**" (20): in this case the volume is changed directly.

With the Mute function on, all the other functions can be used and if a traffic bulletin arrives with the TA function on or an emergency alarm is received, the message ignores the Mute function.

Soft Mute function

When the Mute function is turned on or off, the volume lowers or increases gradually (Soft Mute function). The Soft Mute function is also activated when one of the six preselection buttons, the "**BN**" button (7) or the "**ON**" button (21) is pressed.

Tone adjustment

Proceed as follows:

- briefly and repeatedly press the “**AUD**” button (19) until the display shows “**BASS**” or “**TREBLE**”

- press “▲” (8) to increase the basses or trebles or “▼” (10) to decrease them.

Pressing the buttons briefly the change is gradual by steps.

Pressing longer, changing is faster.

For a few seconds the display shows the levels of the basses/trebles (from -6 to +6).

After about 5 seconds from the last adjustment the display returns to the main radio screen.

Balance adjustment

Proceed as follows:

- briefly and repeatedly press the “**AUD**” button (19) until the display shows “**BALANCE**” (select Balancing function)

- press the “▲” button (8) to increase the sound from the right speakers or “▼” (10) to increase the sound from the left speakers.

Pressing the buttons briefly, the change is gradual by steps. Pressing them longer, the change is fast. For a few seconds the display shows the balancing levels from R+9 to L+9 (“**R**” = right, “**L**” = left). After about 5 seconds from the last adjustment, the display returns to the main radio screen.

Fader adjustment

Proceed as follows:

- briefly and repeatedly press button “**AUD**” (19) until the display shows “**FADER**” (select Fader function)

- press button “▲” (8) to increase the sound from the rear speakers or button “▼” (10) to increase the sound from the front speakers.

Pressing the buttons briefly the change is gradual by steps. Pressing them longer, the change is fast. For a few seconds the display shows the fader levels from R+9 to F+9 (“**R**” = rear, “**F**” = front).

After about 5 seconds from the last adjustment the display returns to the main radio screen.

Loudness function

The Loudness function improves the sound volume when listening at low level, increasing the basses and trebles. It is cut off when the volume is set to maximum. To switch the function on/off keep the “**AUD**” button (19) pressed until hearing the beep. The function condition (on or off) is shown on the display for a few seconds by “**LD ON**” or “**LD OFF**”.

TELEPHONE PROVISION

If the voice feature is installed on the vehicle, when a phone call is received, the volume is lowered immediately (Mute) and the display shows the wording **"TEL MUTE"**.

RADIO (fig. 1)

When the set is turned on the last function selected before turning off is played (Radio, Cassette or CD Changer).

To select the Radio function while listening to a cassette or Compact Disc, briefly and repeatedly press the **"SRC"** button (6) until this function is selected.

Selecting the frequency band

If in Radio mode, briefly and repeatedly press the **"BN"** button (7) to select the required reception band.

Every time the button is pressed the following bands are selected in sequence **"FM1"**, **"FM2"**, **"FMT"**, **"MW"** and **"LW"** shown by the respective wording on the display.

The FM band is divided into sections: FM1, FM2 and FMT. The FMT reception band is reserved to the stations stored automatically with the Autostore function.

The radio is always ready to receive stations in the RDS mode (Radio Data System).

Presetting buttons

The buttons with symbols from 1 to 6 (**"18"**, **"17"**, **"16"**, **"15"**, **"14"**, **"13"**) make it possible to set the following presettings:

- 18 in the FM band (6 in FM1, 6 in FM2, 6 in FMT)
- 6 in the MW band
- 6 in the LW band
- 6 types of PTY programming (only in the FM mode when PTY is selected).

To call a preset station, choose the required frequency band and then press briefly (less than 1 second) the corresponding preset button (from 1 to 6). For a few seconds the display will show the number of the station preset and the related frequency before showing the frequency band and the name of the RDS station.

Storing the last station heard

The radio automatically keeps in storage the last station heard for each reception band, which is then tuned when the radio is turned on or the reception band is changed.

Automatic tuning

Briefly press (less than 1 second) button “▲” (8) or “▼” (10) to start automatically searching the tuning for the next station that it is possible to receive in the direction chosen.

If button “▲” (8) or “▼” (10) is pressed for longer (over 1 second) quick searching takes place: upon having tuned into the first well receivable station, the tuner stops for about 1 second (in Mute) before quick searching continues. When the button is released, the tuner stops on the next receivable station.

If the TA function is on (traffic information), the tuner only searches stations which broadcast traffic bulletins.

If the PTY function is on, the tuner only searches PTY stations. When searching the display alternatively shows the type of programme and the word “**SEARCH**”.

If the station on which the tuner stops is one of the stations stored with the preset buttons, the display will show the presetting number for a few seconds.

Manual tuning

This allows manual station searching in the chosen band.

– Select the band with button “**BN**” (7): FM1, FM2, FMT, MW or LW.

– Briefly and repeatedly press button “◀◀” (12) or “▶▶” (9).

– Pressing the button longer (over 1 second) obtains fast forward searching, which is stopped when the button is released.

To turn on manual tuning search it is necessary to turn off the PTY and AF (alternative frequencies) functions, if on.

If the station tuned is a station stored with the preset buttons, the display will show the presetting number for a few seconds.

Station scanning (Scan function)

Keeping the “**SRC**” button (6) pressed until the beep, starts scanning the stations in the frequency band selected (FM, MW, LW). Each station found will be heard for a few seconds and the name and frequency will flash on the display. While searching the display will show “**FM-SCAN**”, “**AM-SCAN**” or “**PTY-SCAN**” for a few seconds.

If the TA function is on (traffic information), the system will search only the stations that broadcast traffic bulletins. If the PTY function is on, the system will only search PTY stations.

When the Scan function is on, all the other functions are cancelled.

When wanting to continue listening to a station selected during scanning, press “**SRC**” again (6).

The Scan function is interrupted in the following cases:

- turning the set off
- pressing “**SRC**” (6)
- pressing “▲” (8) or “▼” (10) (manual or automatic tuning starts)

- pressing a preset button
- turning Autostore on
- turning PTY on/off
- changing the chosen frequency band
- pressing the “**AUD**” button (19)
- pressing “**MENU**” (11)
 - when a station is found that is broadcasting a traffic bulletin, if the TA function is on
 - inserting a cassette.

In any case the search function will be turned off after scanning the frequency band, even if no station is selected.

Scanning preset stations

Press the “**MENU**” (11) button for a prolonged length of time to start scanning the preset stations in the present frequency band:

- **FM**: FM1 1, FM1 2, ..., FM1 6, FM2 1, FM2 2, ... FM2 6, FMT 1, FMT 2, ..., FMT 6
- **MW**: MW 1, MW 2, ..., MW 6
- **LW**: LW 1, LW 2, ..., LW 6.

Each preset station will be heard for a few seconds and its name or frequency will flash on the display, if the signal intensity is sufficient. In passing from a preselection to another the display will show the word “**SCAN**” for about 2 seconds.

In the first 2 seconds in which the new preset station is heard, the display shows the current frequency band and the number of the preselect button.

If the TA function is on (traffic information), the system will only search stations that broadcast traffic bulletins.

The preset station Scan function is interrupted in the following cases:

- turning the set off
- pressing “**BN**” (7)
- pressing “**▲**” (8) or “**▼**” (10) (manual or automatic tuning starts)
- pressing a preset button
- turning Autostore on
- turning PTY on/off
- changing the listening source (Cassette, CD-Changer)
- changing the FM level or frequency band selected
- pressing the “**AUD**” button (19)
- pressing “**MENU**” (11)
 - when a station is found that is broadcasting a traffic bulletin, if the TA function is on
 - inserting a cassette.

If no presetting has been selected, hearing a station chosen previously will be resumed.

Manual station storage

The station being heard can be stored in the range selected with buttons **(18)**, **(17)**, **(16)**, **(15)**, **(14)**, **(13)** numbered from 1 to 6.

Keep one of these buttons pressed (from 1 to 6) until receiving the confirmation beep. After storage, the display shows the number of the button with which the station has been stored.

Autostore function (automatic station storage)

To switch on the Autostore function keep the **"BN"** button pressed **(7)** until hearing the confirmation beep. With this function the radio automatically stores the stations with the strongest signal in decreasing order of intensity of the FMT frequency band.

WARNING Activating the Autostore function cancels the stations stored previously in the FMT band.

If the TA function is on (traffic information), only the stations that send traffic information will be stored. This function may also be turned on when listening to a cassette or Compact Disc.

During automatic storage the display shows the wording **"A-STORE"**. To interrupt the storage process press the **"BN"** button again **(7)**: the radio will automatically tune the station heard before activation of the Autostore function.

At the end of the Autostore function the radio automatically tunes on the first preset station in the FM1 band.

On buttons **(18)**, **(17)**, **(16)**, **(15)**, **(14)**, **(13)** numbered from 1 to 6, the stations are automatically stored that give a strong signal in that moment in the preset band.

After storage the radio automatically tunes on the frequency stored on button **1 (18)**.

Every station is stored only once, except in the case of regional programmes which in certain cases might be stored twice.

During the automatic storage process the display shows the wording **"A-STORE"**.

The behaviour of the set during Autostore is as follows:

- at the beginning of the Autostore function all the other functions are disabled
- any change in volume is not shown on the display
- pressing one of the radio function buttons (e.g. **"PTY"** **(2)**, **"▶▶"** **(9)**, **"◀◀"** **(12)**, **(18)**, **(17)**, **(16)**, **(15)**, **(14)**, **(13)**) the automatic storage process is interrupted, the last station heard before Autostore was turned on is tuned and the function associated with the button pressed is run
- pressing **"AF-TA"** **(1)** during automatic storage will interrupt it, the TA function (traffic information) will be turned on/off and a new automatic storage process will be started
- changing the listening source (Radio, Cassette, CD-Changer) during automatic storage will not interrupt the Autostore function.

WARNING Sometimes the Autostore function is unable to find 6 stations with a strong signal. In this case, the free preset buttons will be shown on the display, for about 2 seconds, by 4 dashes and the last station heard will be returned.

Listening to stored stations

Proceed as follows:

- select the required frequency band (FM, MW, LW)
- briefly press one of the six station storage buttons.

The display will show the number that corresponds to the button.

In bands FM1, FM2 and FMT, if reception is poor and the AF alternative frequency search function is active, the station with the strongest signal that is broadcasting the same programme will be sought automatically.

AF function (alternative frequency search)

Within the RDS system the radio can work in two different modes:

- **AF ON**: alternative frequency search on
- **AF OFF**: alternative frequency search off.

When the signal of the RDS station tuned weakens, the following two cases may occur:

- With **AF ON** the RDS system activates automatic tuning of the optimum frequency of the station chosen, with the stations enabled, therefore the radio is automatically tuned to the station with the strongest signal that is broadcasting the same programme. During the journey it will thus be possible to continue listening to the station chosen without having to change the frequency when changing area. Of course, the station being listened to must be receivable in the area the car is crossing.
- With **AF OFF** the radio will not tune the strongest station automatically and it will have to be found manually using the tuner buttons.

To tune alternative frequency search on/off, keep the “**AF-TA**” button (1) pressed until hearing the beep. The name RDS (if available) stays on the display and if the AF function has been turned on the symbol “**AF**” is shown.

If the radio is working in the AM band, when the “**AF-TA**” (1) is pressed, it passes to the FM band on the last station selected.

TA function (traffic information)

Some stations in the FM band (FM1, FM2 and FMT) are enabled to also broadcast information about traffic conditions. In this case the display shows the wording “**TP**”.

To turn the TA (traffic information) function on/off, briefly press (less than 1 second) the “**AF-TA**” button (1).

The listening conditions and information given on the display may be the following:

- **TA** and **TP**: if tuned to a station that sends traffic information and the traffic information function is on
- **TP**: if tuned to a station that sends traffic information but the traffic information is off

– **TA**(*): the traffic information function is on but the radio is tuned to a station that does not give traffic information

– **TA** and **TP** not shown on the display: the radio is tuned to a station that does not give traffic information and the traffic information function is off.

(*) If the TA traffic information function is on, but the radio station chosen does not give traffic information, the device beeps every 30 seconds.

With the TA function (traffic information) it is possible:

- a)** to search only RDS stations that transmit in the FM band, enabled to broadcast traffic information
- b)** receive traffic information even if the cassette player or CD-Changer is in use
- c)** receive traffic information at a predefined minimum volume even with the radio volume off.

The operations to be carried out for each of the three above conditions are listed below.

a) To receive stations enabled to broadcast traffic information:

– select band FM1, FM2 or FMT

– briefly press (less than 1 second) the “**AF-TA**” button (**1**) so that the display shows “**TA**”.

– press the tuner buttons “**▶▶**” (**9**) or “**◀◀**” (**12**).

To store stations with TA on, carry out the storage operations (see “Manual station storage”).

b) If wishing to receive traffic information when listening to a cassette or Compact Disc, before inserting the cassette or starting the CD-Changer, tune to a station enabled to broadcast traffic information (TP) and activate the TA function. If while listening to the cassette or Compact Disc, this station broadcasts traffic information, the tape or Compact Disc will be suspended temporarily and resumed again automatically after the end of the message.

At the start of receiving traffic information the display will briefly show the wording “**INFO TRA**”, while the display continues giving further information (frequency, name, time of CD etc.).

If the cassette player or CD-Changer are already working and at the same time you want to receive traffic information, briefly pressing (less than 1 second) the “**AF-TA**” button (**1**) the radio tunes to the last station heard in the FM band, the TA traffic information function is activated and the traffic messages are transmitted. If the station selected does not send traffic information, the search for an enabled station starts automatically.

If wishing to interrupt the traffic information message, briefly press (less than 1 second) the “**AF-TA**” button (**1**) during transmission of the message.

c) To receive traffic information while not listening to the radio:

– turn on the TA function briefly pressing (less than 1 second) the “**AF-TA**” button (**1**), so that the display shows “**TA**”

— tune to a station enabled to transmit traffic information so that the display shows “**TP**” turn the volume to zero keeping the “**VOL-**” button pressed (**20**).

This way, if that station broadcasts traffic information, this will be heard at a minimum predefined volume.

WARNING In certain countries radio stations exist which, even if the TP function is on (the display shows “**TP**”), do not transmit traffic information.

If the radio is working in the AM band, when the “**AF-TA**” button (**1**) is pressed, it passes to the FM band on the last station heard. If the station selected does not broadcast traffic information (wording “**TP**” not shown on the display), the search for an enabled station starts automatically.

The volume with which the traffic bulletin is transmitted varies depending on the listening volume:

— listening volume below 30: traffic bulletin volume = 20 (fixed value)

— listening volume above 30: traffic bulletin volume the same as the listening volume + 1.

If the volume is changed during a traffic bulletin the value is not shown on the display and the new value is kept only for the bulletin in progress.

During a traffic bulletin it is possible to turn on sound adjustment with the “**AUD**” button (**19**). The new values set are also kept at the end of the bulletin.

WARNING If the TA function is on and the station tuned is not able to provide traffic information or it is no longer able to provide this information (the display will not show “**TP**”), so after 1 minute in which the radio is in these conditions:

— if listening to a cassette or Compact Disc another station is sought that is enabled to transmit traffic information

— if when listening to the radio a “beep” is given to alert that it is not possible to receive traffic information; to interrupt it, it is necessary to tune to a station that can provide traffic information or switch off the TA function.

Emergency alarm reception

In the RDS mode the radio is set to receive emergency announcements in the case of exceptional circumstances or events that may cause general danger (earthquakes, floods, etc.), if they are broadcast by the station tuned.

This function is activated automatically and cannot be deactivated.

Program Type Function (PTY) (selecting a type of programme)

To turn on the PTY function, which makes it possible to give top priority to PTY programmes, when present, which may involve emergency messages or various topics (e.g. music, news bulletins), briefly press the “**PTY**” button (**2**) until the display shows “**PTY**” and the subject of the last station heard (e.g. “**NEWS**”).

WARNING To turn on the PTY function, the radio must be in the FM band.

If the station does not broadcast in the PTY mode, the wording “**NO-PTY**” is shown on the display for 5 seconds.

After 2 seconds the station name or frequency is shown on the display.

The list of the various subjects comprises:

NEWS

AFFAIRS

INFO

SPORT

EDUCATE

DRAMA

CULTURE

SCIENCE

VARIED (Variety)

POP M

ROCK M

M, O, R, M Middle of the Road Music

LIGHT M (Light music)

CLASSICS

OTHER M (Other music)

To change the type of PTY programme press “◀◀” (12) or “▶▶” (9) or one of the 6 preset buttons. If the display shows the station frequency or name, pressing “◀◀” (12) or “▶▶” (9) the current type of programme will be displayed.

To store the current type of programme on one of the 6 preset buttons, give a prolonged press (over 1 second) on the preset button. Storage is confirmed by a “beep”. To seek a station with this programme see the “Automatic tuning” and “Scanning stations (Scan Function)” paragraphs.

If no station is available with this type of programme the system sounds a “beep”, the station selected previously is heard and for 2 seconds the display shows the wording “**NO-PTY**”.

To turn the PTY function off briefly press the “**PTY**” (2) button again.

Controlling the station’s type of PTY programme

To know the type of PTY programme of the station heard, keep the “**PTY**” button (2) pressed until a “beep” is heard. After the “beep” the display will show the type of programme (see previous paragraph) offered by the station tuned. If the station has no PTY code, the display will show the wording “**NO-PTY**”. After about 5 seconds the display will again show the RDS name or frequency of the station tuned.

EON Function (Enhanced Other Network)

Some countries have circuits which group together several stations enabled to broadcast traffic information. In this case the programme of the station being heard, will be interrupted temporarily to receive traffic information (only with the TA function on), every time these bulletins are given by one of the stations of the same circuit.

Scrolling transmissions

It is possible to receive different programmes in the same network and scroll them in the FM band only — e.g.: NDR1, NDR2, NDR3, NDR4, N-JOY...

To activate this function, briefly press the “**AF-TA**” button (1) to activate the AF function. Then scrolling may begin pressing “▶▶” (9) or “◀◀” (12).

WARNING The station must have been received previously at least once.

Stereophonic stations

If the signal received is weak, the device switches automatically from Stereo to Mono.

MENU (fig. 1)

Functions of the "MENU" button (11)

To activate the menu function briefly press (less than 1 second) the "MENU" button (11). The display shows the word "MENU". After about 2 seconds the display shows the wording "MEN REG-ON".

To scroll the menu functions use "▲" (8) or "▼" (10). To turn on/off the function selected, use "▶▶" (9) or "◀◀" (12).

The display will show the current status of the function selected.

The functions controlled by the menu are the following:

- **REG** (Regional programmes)
- **CDC** (CD-Changer data, if installed)
- **HICUT** (Treble reduction)
- **PHONE** (Telephone volume, if installed)
- **RM** (Radio-monitor)
- **SENS DX/LO** (Tuning sensitivity)
- **IGN TIME** (Switching off mode).

To exit the menu function, press the "MENU" button again (11).

Regional broadcast reception function (REG)

Some national broadcasters, at determinate times of the day, transmit regional programmes which differ from region to region. This function makes it possible to tune in only on local stations (regional). However if a regional programme is heard and you wish to stay tuned to it, the function must be activated.

To turn the function on /off, use "▶▶" (9) or "◀◀" (12).

The display will show the current status of the function:

- "REG-ON": function on
- "REG-OFF": function off.

If the function is off and a regional programme is tuned that works in a determinate area and the car enters a different area, the regional station of the new area is received.

WARNING When the function is off ("REG-OFF") and the AF function is on (alternative frequencies) the radio automatically tunes to the frequency of the station selected with the strongest signal.

CD-Changer data display function (CDC) (if installed)

This function can be chosen only if a CD-Changer is connected. In this case the display will show "CDC-DISP".

To change the function use "▶▶" (9) or "◀◀" (12).

The display shows the setting among the two possible: "TIME" and "CD-NR".

Treble reduction function (HICUT)

Using this function it is possible to reduce the treble tones, in accordance with the signal transmitted.

To turn the function on/off, use "▶▶" (9) or "◀◀" (12).

The display will show the current status of the function:

- "**HICUT ON**": function on
- "**NO HICUT**": function off.

Telephone volume adjustment (PHONE)

With this function it is possible to adjust (setting from 1 to 66) or cut off (OFF setting) the telephone sound.

To adjust or cut off the sound, use "▶▶" (9) or "◀◀" (12).

The display will show the current status of the function:

- "**PHONE 23**": function on with volume setting 23
- "**PHONE OFF**": function off.

Radio Monitor function (RM)

With this function it is possible to listen to the radio while the cassette tape winds/rewinds.

Normally during tape fast forward/rewind, the radio is silent; if required, turning on the RM function the radio can be heard during this phase.

To turn the function on/off, use "▶▶" (9) or "◀◀" (12).

The display will show the current status of the function:

- "**RM-ON**": function on
- "**RM-OFF**": function off.

Tuner sensitivity adjustment (SENS DX/LO)

With this function it is possible to change the sensitivity of automatic station searching. When low sensitivity is set "**SENS-LO**" only stations with excellent reception are sought, when high sensitivity is set "**SENS-DX**" all stations are sought. Therefore, if the car is in an area with a considerable number of stations and you want to choose only those with a strong signal, set to low sensitivity "**SENS-LO**".

To set the sensitivity, use "▶▶" (9) or "◀◀" (12).

The display will show the current status of the function:

- "**SENS-LO**": low sensitivity
- "**SENS-DX**": high sensitivity.

Switching off mode (IGN TIME function)

With this function it is possible to choose if when turning the ignition key to **STOP**, the sound system shall turn off immediately (**00 MIN**), or if it shall stay on for other 20 minutes (**20 MIN**).

After selecting "**IGN TIME**" in the menu using buttons "▲" (8) or "▼" (10), the display will show the message "**IGN TIME**".

To change setting use button "▶▶" (9) or "◀◀" (12).

Two settings are available:

- "**00 MIN**": sound system going off immediately when turning the ignition key to **STOP**
- "**20 MIN**": sound system staying on for 20 minutes after turning the ignition key to **STOP**.

CASSETTE PLAYER (fig. 1)

Your radio is fitted with a cassette player for hearing magnetic tapes.

It has an Autoreverse function which makes it possible to listen to both sides of the tape without having to turn over the cassette.

Cassette insertion and ejection are facilitated by a powered mechanism.

Selecting the cassette player

To turn the cassette player on, even when the set is off, insert the cassette in the slot (4) with the tape facing rightwards. If the cassette is already in, turn the set on then briefly and repeatedly press the "**SRC**" button (6) to select the "**CASSETTE**" function.

Playing a cassette

After turning on the cassette player, the tape begins playing automatically and the display shows "**CASSETTE**" for about 2.5 seconds. Then the display shows either "**SIDE A**" or "**SIDE B**" depending on which side is playing. When the cassette is inserted, the player starts playing side 1 of the tape.

If the cassette is inserted, the display shows the wording "**CC-IN**", which remains on the display even when different operating modes are chosen (Radio or CD-Changer). The symbol goes off after ejection of the cassette.

Changing the tape playing direction

After playing the tape, the cassette side is changed automatically (Autoreverse function).

The display shows the side of the cassette that is being played.

To change side before the end of the tape, press “◀▶” (3) (Reverse function); the display will change accordingly.

Searching previous/next track (MSS function)

Press “▲” (8), to hear the next track on the cassette and “▼” (10) twice to hear the previous track. In the first case the tape will move fast forward until reaching the next track, from where playing will be resumed. During fast forward the display shows the wording “**MSS FF**” followed by the number of the next pieces to be skipped. Press “▼” (10), while listening to a piece to play it again from the start, press the button again to hear the previous piece.

During rewind the display shows the wording “**MSS FR**” followed by the number of previous pieces to be skipped.

Keep these buttons pressed to move forward/backwards the number of required pieces.

Music searching is interrupted in the following cases:

- When the sound source is changed
- When the cassette is ejected
- When the direction of the tape is reversed
- When a function that needs the display for new information is turned on/off or started
- When the set is turned off
- When the TA (traffic information), Tel-mute and PTY31 functions are turned on. After the message the set resumes playing
- When “▶▶” (9) or “◀◀” (12) is pressed.

Tape fast forward/rewind

To move the tape fast forward, press “▶▶” (9) or “◀◀” (12) button depending on the direction of the tape. The display will show the direction selected:

- “FORWARD”
- “REWIND”.

To interrupt fast forward/rewind, press “▶▶” (9) or “◀◀” (12) again.

The fast forward/rewind function is interrupted in the following cases:

- When the sound source is changed
- When the cassette is ejected
- When the direction of the tape is reversed
- When a function that needs the display for new information is turned on/off or started

- When the set is turned off
- When the TA (traffic information), Tel-mute and PTY31 functions are turned on. After the message the set resumes playing
- When “▲” (8) or “▼” (10) is pressed.

Pause function

To pause the cassette player, press reset 3 (16). The display will show the wording “PAUSE”.

To listen to the track again, press the pre-set button 3 again (16).

The pause function is cancelled automatically changing the listening source.

Scanning music (Scan function)

With this function it is possible to hear all the tracks contained in the cassette.

Keep the “SRC” button pressed (6) until hearing the “beep” to play the first 10 seconds of all the pieces on the tape. While playing the track and searching the start of the next track, the display will show the wording “SCAN”. Press the “SRC” button again (6) to interrupt scanning while listening to a track: the word “SCAN” will go off the display and the cassette will be played starting from that track.

The scanning sequence is the following:

- from the track played up to the end of the tracks on the same side of the tape
- playing side change and scanning of all the tracks on that side
- again changing side and scanning all the tracks on that side. After playing the tracks the function goes off.

The Scan function is interrupted in the following cases:

- turning the set off
- pressing “**SRC**” (6) again to continue listening to the track being played
- pausing
- pressing a button to search in the 4 directions
- pressing “◀▶” (3) (Autoreverse)
- pressing the “**AUD**” button (19)
- if the **TA** function is on and the station selected is broadcasting a traffic bulletin
- pressing the “**MENU**” button (11).

DOLBY B function

Press “**DB**” (17) to turn on/off the Dolby B function (device for limiting the noise produced under licence of “Dolby Laboratories Licensing Corporation”. Dolby and the “**DB**” symbol are brands patented by “Dolby Laboratories Licensing Corporation”).

When the Dolby function is on, the display shows the “**DB**” symbol.

Ejecting the cassette

To eject the cassette press “**▲**” (5), with the set on.

After ejecting the cassette, the source heard before playing the cassette will be resumed.

The cassette cannot be ejected if the radio is off.

CD CHANGER-CDC MODE (where fitted)

VERSIONS WITH CD LOADER

Loading CDs (saloon versions) (for versions/markets where applicable) fig. 3

To insert the CDs in the loader, proceed as follows:

- 1) pull lever (**A**) to open one of the loader compartments;
- 2) insert the CD with the label set properly: otherwise the CD player will not work;
- 3) close the compartment;
- 4) repeat this procedure for the other CDs.

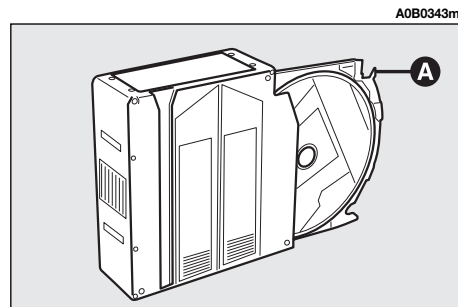


fig. 3

Inserting the CD loader into the CD player

Open the sliding lid (**B-fig. 4**) rightwards until it blocks.

Insert the loader (**A-fig. 5**) completely into the CD player observing the direction of the arrow marked on the loader side.

Close the sliding lid (**D-fig. 6**) after inserting the CD loader to prevent dust or foreign matters infiltration into the CD player.

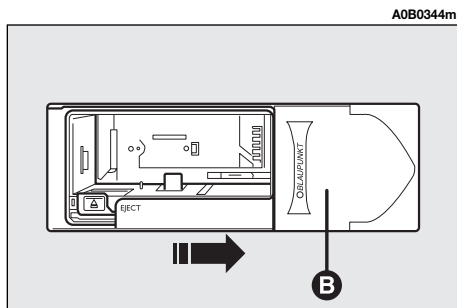


fig. 4

Ejecting the CD loader from the CD player

Open the sliding lid (**B-fig. 4**), press the eject button **EJECT** (**E-fig. 7**) on the CD player: the loader is ejected partially.

Remove the loader with care.

Close the sliding lid.

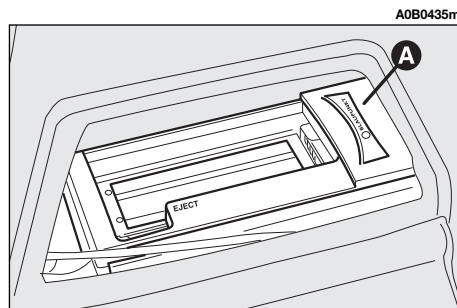


fig. 5

Ejecting Compact Discs from the loader

Eject CDs in sequence, pulling the lever corresponding to each CD.

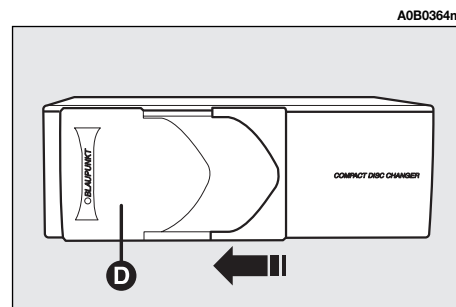


fig. 6

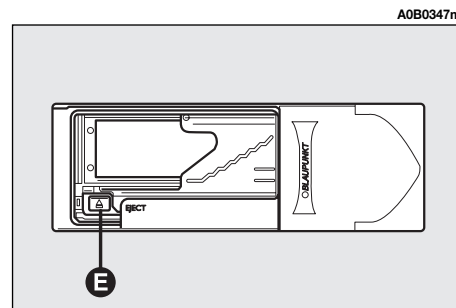


fig. 7

VERSIONS WITH SLOTS (CD slots)

The CD-Changer is located in the boot inside the left oddment compartment (fig. 8).

WARNING To turn the CD-Changer on, just press one of the buttons set aside the CD slots; the button leds corresponding to the slots loading a CD will turn on.

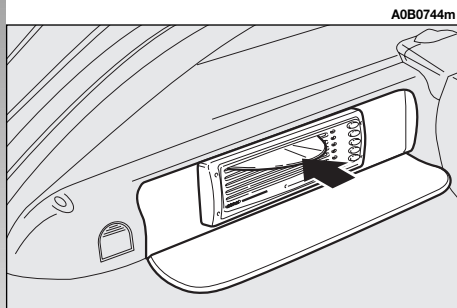


fig. 8

Inserting/ejecting CDs

To insert CDs: insert the CDs gently, with the label upwards, into the CD-Changer slots to the stop: the powered loading system will load CDs automatically.

To eject CDs: press and keep pressed the button set aside the slot of the CD to be ejected.

ANTITHEFT PROTECTION CD Changer

The sound system is fitted with a CD Changer antitheft protection system consisting of a four-digit secret code. The protection system makes the CD Changer unusable.

Entering the secret code

Entry of the secret code is required to make the CD Changer work each time it is connected to the sound system.

Connecting the CD Changer to the sound system, the display shows the words "**CDC CODE**" for about 2 seconds, followed by four dashes "----".

The secret code consists of four figures from 1 to 6, each corresponding to one of the dashes.

To enter the first digit of the code, press the corresponding button of the preset stations (from 1 to 6). Enter the other code digits in the same way.

If the four figures are not entered within 20 seconds, the display will show again the words "**CDC CODE**" for about 2 seconds and then four dashes "----". This is not to be considered as an incorrect code entry.

After entering the fourth digit (within 20 seconds), the CD Changer starts working. If a wrong code is entered, the radio sounds a beep, the display shows the words "**CDC CODE**" for 2 seconds and then four dashes "----" to warn the user that it is necessary to enter the correct code.

If a wrong code is entered for three consecutive times the display will show the words "**CDC WAIT**". During the timeout (1 hour) the sound system can however be used and it is possible to select another sound source or to turn the sound system off.

If another sound source is selected it will be possible to start the new code entry procedure after 1 hour. The timeout will start from 1 hour again if the sound system has been turned off.

When timeout is over if the sound system is in CD Changer mode the display will show the words "**CDC CODE**" for 2 seconds and it will be possible to start the new code entry procedure. If the sound system is not in CD Changer mode, no message will be displayed. Select CD Changer, the display will show the words "**CDC CODE**" for 2 seconds: now the new code entry procedure can be started.

Selecting the CD-Changer

To turn on the CD-Changer, turn on the set, then press briefly and repeatedly the "**SRC**" button (6) to select the "**CHANGER**" function.

Possible error messages

If the loader is not inserted in the CD-Changer, the display will show the wording "**CHANGER**".

If the loader does not contain any Compact Discs, the display will show the wording "**NO CD**". If at least one CD is found, it will be played.

If the CD played is illegible, the next CD will be selected; if there are no other CDs or if they are also illegible, the display will show the wording "**NO CD**" until the listening source is changed.

Operation (with CD CHANGER where fitted)

To play the Compact Discs in the CD-Changer, select "**CHANGER**" with the "**SRC**" button (6).

When listening to a Compact Disc for the first time after putting it in the CD loader, playing starts from the first track on the first disc available in the loader.

While playing the display shows the number of the track being heard (e.g. "**TO4**" = fourth track) and the playing time elapsed from the start of the track (e.g. "**03:14**" = 3 minutes and 14 seconds) or the number of the Compact Disc selected (e.g. "**CD 03**" = third Compact Disc) depending on the function selected in the Menu.

In the event of a CD-Changer fault or difficulty in removing the loader, the display will show the wording "**CD ERROR**".

Choosing the CD

Press “◀◀” (12) to select the previous Compact Disc and “▶▶” (9) to select the next CD. If in the menu the CD time display function was selected, this will be replaced for about 2 seconds by the CD number.

If the loader does not contain a disc in the position selected, the display briefly shows the wording “NO CD”, and the next disc is played automatically.

Select track (forward/backward)

Press “▲” (8) to play the next track on the Compact Disc being heard.

Press “▼” (10) while hearing a track, to play it again from the start; press the button twice consecutively to play the previous track.

Press these buttons several times to move forwards/backwards by the number of presses.

Fast forward/backward

Keep the “▶▶” button (9) pressed to move the track selected fast forward and keep the “◀◀” button (12) pressed to move it fast backward. Fast forward/backward is stopped when the button is released.

A brief press on the button moves the track forward or backward 1 second.

If the CD number display function was selected in the menu, this will be replaced for about 2 seconds by the CD time display function.

Scanning pieces on the CD (Scan Function)

With this function it is possible to listen to all the pieces contained on the CD selected.

Keep the “SRC” button pressed (6) until hearing the “beep” to play the 10 seconds of every piece on the CD. While playing, the display will alternately show for about 2 seconds the CD function chosen (CD-Name, time or number) and the wording “SCAN”.

If the Scan function is on, the Repeat and Mix functions are turned off.

The scanning sequence is the following:

- from the track played up to the last one on the CD
- from the first track up to the one played until the start of scanning.

The Scan function is interrupted in the following cases:

- turning the set off
- pressing “**SRC**” (6) again to continue listening to the track being played
- pressing “**▲**” (8) or “**▼**” (10) thereby moving to the next or previous track
- pressing a preset button
- turning Autostore on
- turning PTY on
- changing the sound source
- pressing the “**AUD**” button (19)
- if the TA function is on and the station selected is broadcasting a traffic bulletin
- pressing the “**MENU**” button (11).

If the Scan function is not interrupted, at the end it will continue playing the track played before scanning was started.

Pause function

To pause the CD player press the preset button 3 (16). The display will show the wording “**PAUSE**”.

To listen to the track again, press the preset button 3 again (16).

The pause function is automatically cancelled changing the listening source.

Repeat Function

Briefly press the preset button 4 (15) to listen repeatedly to the last track played: for about 2 seconds the display will show “**REPEAT**”.

Press the preset button 4 (15) a second time to turn off the repeat function: for about 2 seconds the display will show “**RPT OFF**”.

Changing the sound source, the function is turned off.

WARNING When the repeat function is turned on, the Scan and Mix functions are turned off.

Random playing (MIX function)

To start random playing of tracks on the Compact Disc selected, press the preset button 5 (14). A new track will be played and for about 2 seconds the display will show “**MIX ON**”. Press the preset button 5 (14) again to turn the function off: for about 2 seconds the display will show “**MIX OFF**”.

When the Mix function is on, all the tracks on the CD are played in random sequence.

Changing the sound source, the function is turned off.

WARNING When the Mix function is turned on, Scan and Repeat are turned off.

TECHNICAL INFORMATION

Sound system

Maximum power: 4 x 40W.

Aerial

For versions/markets, where provided, the antenna can be integrated into the heated rear window or located on the roof of the car.



Remember to remove the aerial from the roof when washing the car at automatic car-wash to avoid damages.

Speakers

The sound system is formed of a system comprising:

- 2 tweeters (**A - fig. 9**) with 30W power
- 4 speakers (**B - fig. 9**) and (**A - fig. 10**) with a diameter of 165 mm (2 front and 2 rear) with 40W power.

Protection fuse

The radio has a 10A fuse located in the rear part of the set. To replace the fuse, the radio needs to be pulled out: therefore contact Alfa Romeo Authorised Services.

A0A0387m

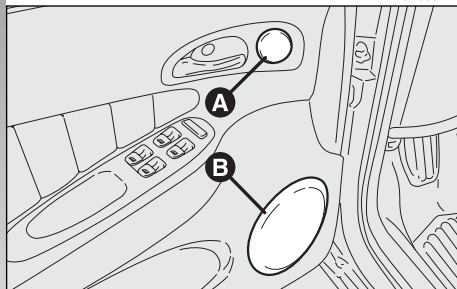


fig. 9

A0B0237m

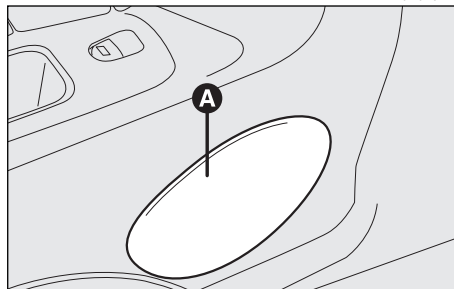


fig. 10

SOUND SYSTEM WITH COMPACT DISC PLAYER

A0B0363m

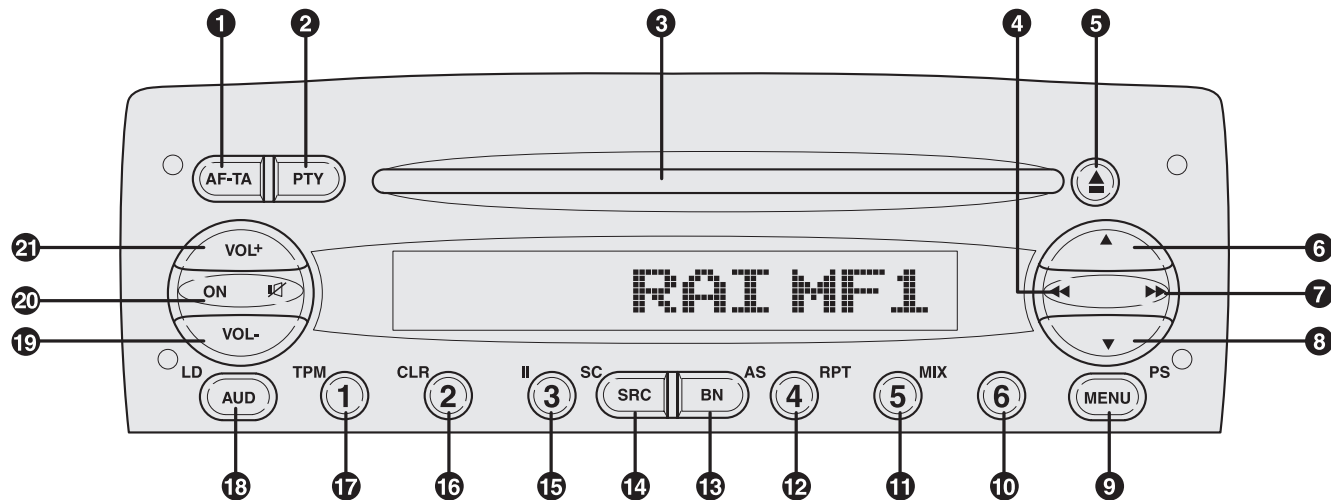


fig. 11

GENERAL

The set possesses the following functions:

Radio section

- PLL tuning with FM/MW/LW frequency bands
- RDS (Radio Data System) with TA (traffic information) - PTY (Program Type) - EON (Enhanced Other Network) - REG (Regional Programmes) functions
- Alternative frequency search selection in RDS mode (AF function)
- Emergency alarm reception provision
- Automatic/manual station tuning
- Manual storage of 30 stations: 18 in the FM band (6 in FM1, 6 in FM2, 6 in FMT), 6 in the MW band and 6 in the LW band
- Automatic storage (Autostore function) of 6 stations in FMT band
- SENS DX/LO function (sensitivity adjusting in searching radio stations)
- Scan function (scanning stored stations)
- Automatic Stereo/Mono switching.

Compact Disc section

- Track select (forward/backward)
- Fast forward/backward
- Repeat function (repetition of last piece)
- Scan function (scanning the tracks on the Compact Disc)
- Mix function (random playing)
- TPM function (storing CD track playing sequence)
- CLR function (clearing CD track storage).
- Powered CD loading and eject.



For installation and connection of the CD-Changer apply only to Alfa Romeo Authorised Services.



WARNING

On multimedia CDs in addition to sound tracks also data tracks are recorded. Playing one of these CDs may cause rustling and such a volume as to compromise road safety, as well as causing damage to the final stages and speakers.

Sound section

- Pause function
- Loudness function (except versions with HI-FI BOSE system)
- Soft Mute function
- HI-FI BOSE system speaker active control
- 7 band graphic equalizer
- Separate bass/treble adjustment
- Right/left and front/rear channel balancing.

CAUTIONS

If it is very cold inside the car and the CD player is used a little after turning the heater on, a film of damp may form on the Compact Disc or on the player optics and the sound may not be perfect. In this case do not use the CD player for at least an hour, so that the condensation dissolves naturally and normal operation is resumed.

Driving on rough roads with heavy vibrations may cause skipping when the CD player is working.

ANTITHEFT PROTECTION

The radio is fitted with an antitheft protection system based on the entry of the secret code associated to each set.

During the code entry procedure the display shows the word **"CODE"**. The set will not work until the correct code is entered.

This way the protection system makes the radio unusable after removal from the dashboard in the case of theft.

Entering the secret code

Entry of the secret code is required to allow the radio to work each time it is connected to the car electric system.

Connecting the radio to the car supply, the display shows the word **"CODE"** for about 2 seconds, followed by four dashes **"- - - -"**.

The secret code comprises four figures from 1 to 6, each corresponding to one of the dashes.

To enter the first digit of the code, press the corresponding button of the preset stations (from 1 to 6). Enter the other code digits in the same way.

If the four figures are not entered within 20 seconds, the display shows the word **"CODE"** for 2 seconds and then four dashes **"- - - -"**. This is not to be considered as an incorrect code entry.

After entering the fourth digit (within 20 seconds), the radio starts working.

If a wrong code is entered, the radio sounds a beep, the display shows the word “**CODE**” for 2 seconds and then four dashes “- - - -” to warn the user that it is necessary to enter the correct code.

Every time the user enters a wrong code, the waiting time increases gradually (1 min, 2 min, 4 min, 8 min, 16 min, 30 min, 1h, 2h, 4h, 8h, 16h, 24h) until reaching a maximum of 24 hours.

The waiting time will be shown on the display with the word “**WAIT**”. When this goes off it is possible to start the new code entry procedure.

Code Card

This is the document that certifies possession of the radio. The Code Card contains the radio model, serial number and secret code.

WARNING Keep the Code Card carefully to be able to give the related data to the competent authorities in the event of theft.

GLOSSARY

AF (Alternative Frequency)

Function that allows the radio to stay tuned on the FM station selected also passing through areas served by transmitters with different frequencies.

In fact the RDS system keeps the intensity and quality of the signal received under control, automatically switching tuning on the frequency of the transmitter that is sending the strongest signal.

Autostore/Travelstore

Function with which it is possible to store automatically radio stations.

Balance (Channel balancing)

Function with which it is possible to appropriately adjust the sound from the right or left speakers.

Bass

This function adjusts the bass tones.

CD-Changer

Multiple Compact Disc player.

CLR (Clear)

Function with which it is possible to clear all the tracks of the CD stored with the TPM function.

EON (Enhanced Other Network)

Function that allows the radio to tune automatically on a different station than the one being listened to which broadcasts traffic information.

Fader

Function with which it is possible to appropriately adjust the sound from the front or rear speakers.

Hicut (Treble reduction)

Function with which it is possible to reduce the treble tones, in accordance with the signal transmitted.

Distant/Local (Sens Dx/Loc)

These are two levels of reception sensitivity.

1) Distant (maximum sensitivity), which makes it possible to tune all the stations that can be received.

2) Local (minimum sensitivity), which makes it possible to tune only those stations with sufficiently strong signals, such as for example local stations.

Loudness

Function that automatically emphasises the bass and treble tones when listening, at low level. It is cut off with the volume set to the maximum.

Mix

This function is used to randomly select a Compact Disc among those present in the loader and all the tracks on this Compact Disc are played in random sequence.

Mute

Function which, if activated, brings the volume to zero. Press the button again to restore volume.

Presettings

Number of radio stations that can be stored manually or automatically.

PTY (Program Type)

This function allows the presetting of a category of programmes such as for instance, news bulletins, music, sport, etc. The set automatically gives priority to the type of programme selected when transmission starts, interrupting the one in progress.

RDS (Radio Data System)

This is radiophonic information system which uses the 57 kHz subcarrier of normal FM broadcasts.

With this function it is possible to receive different types of information such as traffic bulletins, station names, alternative frequencies or special programmes selected through the PTY function.

REG (Regional transmission reception function)

Function with which it is possible to tune only to local (regional) stations.

Repeat (Track repeat)

Function with which it is possible to continuously listen to the last track played on the Compact Disc.

Scan

Function with which it is possible to listen for a few seconds to all the radio stations stored, or the beginning of all the tracks contained on a cassette or Compact Disc.

Scrolling

Function with which it is possible to receive different programmes in the same network (in the FM band only).

Sharx

Function used to reduce interference in FM.

PLL tuning

Digital tuning with Phase Lock Loop circuit to obtain the best radio channel tuning.

Soft Mute

Function that gradually highers and lowers the volume when Mute is turned on or off.

Sound Flavour

A function that sets the best equalizing possible depending on the type of music selected (Classic, Jazz, Rock, etc).

TA (Traffic information)

Function with which it is possible to receive the traffic information broadcast by the stations enabled, also when tuned to another station or listening to a cassette, CD or during a phone call.

TPM (Track Program Memory)


Function with which it is possible to store the sequence for playing the tracks of a CD, to be able to play them later in the sequence set.

Treble

This adjusts the treble tones.

CONTROLS ON FRONT PANEL (fig. 11)

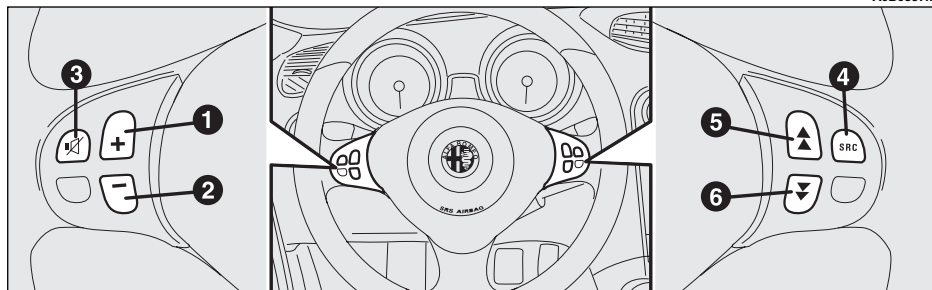
- 1. AF-TA** Function select button:
 - AF (alternative frequencies)
 - TA (traffic information)
- 2. PTY** Function select button:
 - RDS PTY (type of RDS programme)
 - Choice of the subject of PTY transmission in EON mode
- 3.** Compact Disc slot
- 4. ◀◀** Selected Sound and Menu function adjustment and manual station search button
- 5. ▲** Compact Disc eject button
- 6. ▲** Sound and Menu select button and automatic station search
- 7. ▶▶** Selected Sound and Menu function adjustment and manual station search button
- 8. ▼** Selected Sound and Menu function adjustment and automatic station search button
- 9. MENU-PS** Menu and Scan function button (hearing stored stations in sequence)
- 10. 6** Function select button:
 - Call station no. 6
 - Store station no. 6
- 11. 5-MIX** Function select button:
 - Call station no. 5
 - Store station no. 5
 - Random CD track playing
- 12. 4-RPT** Function select button:
 - Call station no. 4
 - Store station no. 4
 - Continuous CD track playing
- 13. BN-AS** Radio frequency range select function (FM1, FM2, FMT, MW, LW) - Autostore
- 14. SRC-SC** Operating mode select button Radio - Compact Disc - CD-Changer and Scan function (hearing stations in sequence)
- 15. 3-II** Function select button:
 - Call station no. 3
 - Store station no. 3
 - CD playing pause
- 16. 2-CLR** Function select button:
 - Call station no. 2
 - Store station no. 2
 - CLR function (CD track clearing)
- 17. 1-TPM** Function select button:
 - Call station no. 1
 - Store station no. 1
 - TPM function (storing CD playing sequence)

- 18. AUD-LD** Sound function select button: bass tones, treble tones, right/left and front/rear balancing and Loudness (except versions with HI-FI BOSE system)
- 19. VOL-** Volume lowering button
- 20. ON-**  Function select button:
– Set on/off
– Mute on/off
- 21. VOL+** Volume highering button

CONTROLS ON STEERING WHEEL (fig. 12)

The main radio function controls are repeated on the steering wheel, to allow easier control.

1. Volume increase button
 2. Volume decrease button
 3. Mute button
 4. Radio frequency range select button (FM1, FM2, FMT, MW, LW) and available listening sources (Radio - Compact Disc - CD-Changer)
5. Multifunction button:
 - Radio: call preset stations (from 1 to 6)
 - Compact Disc player: select next track
 6. Multifunction button:
 - Radio: call preset stations (from 1 to 6)
 - Compact Disc player: select previous track.



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fig. 12

Volume adjustment and Mute function buttons

The buttons for volume adjustment (1) and (2) and for turning Mute on/off (3) work in the same way as the corresponding buttons on the radio.

Radio frequency and sound source select button

To cyclically select the radio frequencies and sound sources, briefly and repeatedly press button (4).

The frequencies/sources available are: FM1, FM2, FMT, MW, LW, CD*, CDC**.

(*) Only if the Compact Disc is inserted

(**) Only if the CD-Changer is connected

Multifunction buttons (5) and (6)

The multifunction buttons (5) and (6) call the preset radio stations or select the next/previous track when listening to a Compact Disc.

Press button (5) to choose stations from 1 to 6 or to listen to the next track on a CD.

Press button (6) to choose stations from 6 to 1 or to listen to the previous track on a CD.

FUNCTIONS AND ADJUSTMENTS (fig. 11)

Switching on

The set is switched on pressing the "ON" button (20). If the radio was on before the engine was turned off, it will turn on again automatically the next time the engine is started.

If the radio is turned on with the ignition key at **STOP**, it will turn off automatically after about 20 minutes.

With the ignition key at **MAR** the "ON" button is always lit to facilitate turning on the radio.

When the radio is turned on again it will resume with the same settings that were working before turning off, with the exception of the volume which, if it was set to above 20, it is activated at 20.

Turning the radio off

To turn the radio off press the “**ON**” button (**20**).

If the ignition key is turned to **STOP** when the radio is on, it will turn off automatically and turn on again the next time the ignition key is turned to **MAR**.

Selecting the Radio/Compact Disc/CD-Changer functions

Briefly and repeatedly pressing the “**SRC**” button (**14**) it is possible to select the following functions in sequence:

- TUNER (Radio)
- CD (only if the Compact Disc is inserted)
- CHANGER (only if the CD-Changer is connected).

After each change of the listening source, for about 2.5 seconds, the display shows the function selected: **TUNER** (Radio), **CD** (Compact Disc), **CHANGER** (CD-Changer).

The functions that cannot be selected (e.g. “**CD**” when the Compact Disc is not inserted) are automatically disabled. If the Compact Disc is not inserted and the CD-Changer is not connected, pressing the “**SRC**” button (**14**) for about 2.5 seconds the display will show only “**NO CD**”.

WARNING When listening to the radio with a Compact Disc inserted and the CD-Changer connected, pressing the “**SRC**” button (**14**) will select the last function used between Compact Disc and CD-Changer.

Pause function

If while listening to a Compact Disc another function is selected (e.g. the radio), playing is stopped and when the Compact Disc mode is resumed, it starts again from the point in which it was stopped.

If while listening to the radio another function is selected, when the Radio mode is resumed, it is tuned to the last station selected.


Volume adjustment


Press button "**VOL+**" (21) to higher the volume or "**VOL-**" (19) to lower it.

Pressing the button briefly the change is gradual by steps. Pressing longer, the change is fast. For a few seconds the display shows the wording "**VOL**" and the volume level (from 0 to 66).

If the volume level is changed during the broadcast of a traffic bulletin or during use of the phone (if the voice feature is installed), the new setting is maintained only until the end of the bulletin or phone call.

Mute function (turning off the volume completely)

To switch on the Mute function, briefly press (less than 1 second) the "" button (20). Volume will gradually lower (Soft Mute function) and the display will show the function selected and the word "**MUTE**".

To switch off the Mute function again press the "" button (20). The volume will gradually become louder (Soft Mute function) returning to the value set before switching on the Mute function.

The Mute function is also switched off pressing one of the volume adjustment buttons "**VOL+**" (21) or "**VOL-**" (19): in this case the volume is changed directly.

With the Mute function on, all the other functions can be used and if a traffic bulletin arrives with the TA function on or an emergency alarm is received, the message ignores the Mute function.

Soft Mute function

When the Mute function is turned on or off, the volume lowers or increases gradually (Soft Mute function). The Soft Mute function is also activated when one of the six preselection buttons, the "**BN**" button (13) or the "**ON**" button (20) is pressed.

Tone adjustment

Proceed as follows:

- briefly and repeatedly press the **“AUD”** button (18) until the display shows the wording **“BASS”** or **“TREBLE”** (Bass or Treble select function)

- press **“▲”** (6) to increase the basses or trebles or **“▼”** (8) to lower them.

Pressing the buttons briefly the change is gradual by steps. Pressing longer, changing is faster.

For a few seconds the display shows the levels of the basses/trebles (from -6 to +6).

After about 5 seconds from the last adjustment the display returns to the main radio screen.

Balance adjustment

Proceed as follows:

- briefly and repeatedly press the **“AUD”** button (18) until the display shows **“BAL-ANCE”** (select Balance function)

- press the **“▲”** button (6) to increase the sound from the right speakers or **“▼”** (8) to increase the sound from the left speakers.

Pressing the buttons briefly, the change is gradual by steps. Pressing them longer, the change is fast. For a few seconds the display shows the balancing levels from R+9 to L+9 (**“R”** = right, **“L”** = left). After about 5 seconds from the last adjustment, the display returns to the main radio screen.

Fader adjustment

Proceed as follows:

- briefly and repeatedly press the **“AUD”** button (18) until the display shows **“FAD-ER”** (select Fader function)

- press button **“▲”** (6) to increase the sound from the rear speakers or button **“▼”** (8) to increase the sound from the front speakers.

Pressing the buttons briefly the change is gradual by steps. Pressing them longer, the change is fast. For a few seconds the display shows the fader levels from R+9 to F+9 (**“R”** = rear, **“F”** = front).

After about 5 seconds from the last adjustment the display returns to the main radio screen.

Loudness function (except versions with HI-FI BOSE system)

The Loudness function improves the sound volume when listening at low level, increasing the basses and trebles. It is cut off when the volume is set to maximum. To switch the function on/off keep the **“AUD”** button (18) pressed until hearing the beep. The function condition (on or off) is shown on the display for a few seconds by **“LOUD ON”** or **“LOUD OFF”**.

On versions with HI-FI BOSE system the Loudness function is activated automatically by the amplifier.

TELEPHONE PROVISION (fig. 11)

If the voice kit is installed on the car, when a phone call is received the radio sound is connected to the phone input. The telephone sound is heard with a fixed volume, but it can be adjusted during the conversation using **"VOL+" (21)** to higher the volume or **"VOL-" (19)** to lower it.

The fixed telephone volume can be adjusted through the **"PHONE"** function of the menu (see **"MENU"** paragraph).

The only buttons active during phone calls are:

- **"VOL+" (21)**, **"VOL-" (19)**: for volume adjustment
- **"ON" (20)**: turning the radio on/off
- **"AF-TA" (1)**: traffic information.

While the sound is off for a phone call, the display shows the word **"PHONE"**.

The sound of the phone call will be interrupted in the case of transmission of a traffic bulletin or a PTY31 announcement; if wishing to interrupt the bulletin press the **"AF-TA" button (1)**.

RADIO (fig. 11)

When the set is turned on the last function selected before turning off is played (Radio, Compact Disc or CD-Changer).

To select the Radio function while listening to a Compact Disc, briefly and repeatedly press the **"SRC" button (14)** until this function is selected.

Selecting the frequency band

If in the Radio mode, briefly and repeatedly press the **"BN" button (13)** to select the required reception band.

Every time the button is pressed the following bands are selected in sequence **"FM1"**, **"FM2"**, **"FMT"**, **"MW"** and **"LW"** shown by the respective wording on the display.

The FM band is divided into sections: FM1, FM2 and FMT.

The FMT reception band is reserved to the stations stored automatically with the Autostore function.

The radio is always ready to receive stations in the RDS mode (Radio Data System).

Presetting buttons

The buttons with symbols from 1 to 6 (“17”, “16”, “15”, “12”, “11”, “10”) make it possible to set the following presettings:

- 18 in the FM band (6 in FM1, 6 in FM2, 6 in FMT)
- 6 in the MW band
- 6 in the LW band
- 6 types of PTY programming (only in the FM mode when PTY is selected).

To call a preset station, choose the required frequency band and then press briefly (less than 1 second) the corresponding preset button (from 1 to 6). For a few seconds the display will show the number of the station preset and the related frequency before showing the frequency band and the name of the RDS station.

Storing the last station heard

The radio automatically keeps in storage the last station heard for each reception band, which is then tuned when the radio is turned on or the reception band is changed.

Automatic tuning

Briefly press (less than 1 second) button “▲” (6) or “▼” (8) to start automatically searching the tuning for the next station that it is possible to receive in the direction chosen.

If button “▲” (6) or “▼” (8) is pressed for longer (over 1 second) quick searching takes place: upon having tuned into the first well receivable station, the tuner stops for about 1 second (in Mute) before quick searching continues. When the button is released, the tuner stops on the next receivable station.

If the TA function is on (traffic information), the tuner only searches stations which broadcast traffic bulletins.

If the PTY function is on, the tuner only searches PTY stations. When searching the display alternatively shows the type of programme and the word “SEARCH”.

If the station on which the tuner stops is one of the stations stored with the preset buttons, the display will show the presetting number for a few seconds.

Manual tuning

This allows manual station searching in the chosen band.

– Select the band with button “BN” (13): FM1, FM2, FMT, MW or LW.

– Briefly and repeatedly press button “◀◀” (4) or “▶▶” (7).

– Pressing the button longer (over 1 second) obtains fast forward searching, which is stopped when the button is released.

To turn on manual tuning search it is necessary to turn off the PTY and AF (alternative frequencies) functions, if on.

If the station tuned is a station stored with the preset buttons, the display will show the presetting number for a few seconds.

Station scanning (Scan function)

Keeping the **"SRC"** button (14) pressed until the beep, starts scanning the stations in the frequency band selected (FM, MW, LW). Each station found will be heard for a few seconds and the name and frequency will flash on the display. While searching the display will show **"FM-SCAN"**, **"AM-SCAN"** or **"PTY-SCAN"** for a few seconds.

If the TA function is on (traffic information), the system will search only the stations that broadcast traffic bulletins. If the PTY function is on, the system will only search PTY stations.

When the Scan function is on, all the other functions are cancelled.

When wanting to continue listening to a station selected during scanning, press **"SRC"** (14) again.

The Scan function is interrupted in the following cases:

- turning the set off
 - pressing **"SRC"** (14)
 - pressing **"▲"** (6) or **"▼"** (8) (manual or automatic tuning starts)
 - pressing a preset button
 - turning Autostore on
 - turning PTY on/off
 - changing the chosen frequency band
 - pressing the **"AUD"** button (18)
 - pressing **"MENU"** (9)
 - when a station is found that is broadcasting a traffic bulletin, if the TA function is on
 - inserting a Compact Disc.
- In any case the search function will be turned off after scanning the frequency band, even if no station is selected.

Scanning preset stations

Press the **"MENU"** (9) button for a prolonged length of time to start scanning the preset stations in the present frequency band:

- **FM**: FM1 1, FM1 2, ..., FM1 6, FM2 1, FM2 2, ... FM2 6, FMT 1, FMT 2, ..., FMT 6
- **MW**: MW 1, MW 2, ..., MW 6
- **LW**: LW 1, LW 2, ..., LW 6.

Each preset station will be heard for a few seconds and its name or frequency will flash on the display, if the signal intensity is sufficient. In passing from a preselection to another the display will show the word **"SCAN"** for about 2 seconds.

In the first 2 seconds in which the new preset station is heard, the display shows the current frequency band and the number of the preselect button.

If the TA function is on (traffic information), the system will only search stations that broadcast traffic bulletins.

The preset station Scan function is interrupted in the following cases:

- turning the set off
- pressing “**BN**” (13)
- pressing “**▲**” (6) or “**▼**” (8) (manual or automatic tuning starts)
- pressing a preset button
- turning Autostore on
- turning PTY on/off
- hanging the listening source (CD, CD-Changer)
- changing the FM level or frequency band selected
- pressing the “**AUD**” button (18)
- pressing “**MENU**” (9)
- when a station is found that is broadcasting a traffic bulletin, if the TA function is on
- inserting a Compact Disc.

If no presetting has been selected, hearing a station chosen previously will be resumed.

Manual station storage

The station being heard can be stored in the range selected with buttons (17), (16), (15), (12), (11), (10) numbered from 1 to 6.

Keep one of these buttons pressed (from 1 to 6) until receiving the confirmation beep. After storage, the display shows the number of the button with which the station has been stored.

Autostore function (automatic station storage)

To switch on the Autostore function keep the “**BN**” button pressed (13) until hearing the confirmation beep. With this function the radio automatically stores the stations with the strongest signal in decreasing order of intensity of the FMT frequency band.

WARNING Activating the Autostore function cancels the stations stored previously in the FMT band.

If the TA function is on (traffic information), only the stations that send traffic information will be stored. This function may also be turned on when listening to a Compact Disc or the CD-Changer.

During automatic storage the display shows the wording “**A-STORE**”. To interrupt the storage process press the “**BN**” (13) button again: the radio will automatically tune the station heard before activation of the Autostore function.

At the end of the Autostore function the radio automatically tunes on the first preset station in the FM1 band.

On buttons (17), (16), (15), (12), (11), (10) numbered from 1 to 6, the stations are automatically stored that give a strong signal in that moment in the preset band.

After storage the radio automatically tunes on the frequency stored on button 1 (17).

Every station is stored only once, except in the case of regional programmes which in certain cases might be stored twice.

During the automatic storage process the display shows the wording “**A-STORE**”.

The behaviour of the set during Autostore is as follows:

- at the beginning of the Autostore function all the other functions are disabled
- any change in volume is not shown on the display
- pressing one of the radio function buttons, e.g.: “**PTY**” (2), “**▶▶**” (7), “**◀◀**” (4), (17), (16), (15), (12), (11), (10) the automatic storage process is interrupted, the last station heard before Autostore was turned on is tuned and the function associated with the button pressed is run
- pressing “**AF-TA**” (1) during automatic storage will interrupt it, the TA function (traffic information) will be turned on/off and a new automatic storage process will be started
- changing the listening source (Radio, Compact Disc, CD-Changer) during automatic storage will not interrupt the Autostore function.

WARNING Sometimes the Autostore function is unable to find 6 stations with a strong signal. In this case, the free preset buttons will be shown on the display, for about 2 seconds, by 4 dashes and the last station heard will be returned.

Listening to stored stations

Proceed as follows:

- select the required frequency band (FM, MW, LW)
- briefly press one of the six station storage buttons.

The display will show the number that corresponds to the button.

In bands FM1, FM2 and FMT, if reception is poor and the AF alternative frequency search function is active, the station with the strongest signal that is broadcasting the same programme will be sought automatically.

AF function (alternative frequency search)

Within the RDS system the radio can work in two different modes:

AF ON: alternative frequency search on

AF OFF: alternative frequency search off.

When the signal of the RDS station tuned weakens, the following two cases may occur:

– With **AF ON** the RDS system activates automatic tuning of the optimum frequency of the station chosen, with the stations enabled, therefore the radio is automatically tuned to the station with the strongest signal that is broadcasting the same programme. During the journey it will thus be possible to continue listening to the station chosen without having to change the frequency when changing area. Of course, the station being listened to must be receivable in the area the car is crossing.

– With **AF OFF** the radio will not tune the strongest station automatically and it will have to be found manually using the tuner buttons.

To tune alternative frequency search **AF** on/off, keep the "**AF-TA**" button (1) pressed until hearing the beep. The name RDS (if available) stays on the display and if the AF function has been turned on the symbol "**AF**" is shown.

If the radio is working in the AM band, when the "**AF-TA**" (1) is pressed, it passes to the FM band on the last station selected.

TA function **(traffic information)**

Some stations in the FM band (FM1, FM2 and FMT) are enabled to also broadcast information about traffic conditions. In this case the display shows the wording "**TP**".

To turn the **TA** (traffic information) function on/off, briefly press (less than 1 second) the "**AF-TA**" button (1).

The listening conditions and information given on the display may be the following:

TA and **TP**: if tuned to a station that sends traffic information and the traffic information function is on

TP: if tuned to a station that sends traffic information but the traffic information is off

TA(*): the traffic information function is on but the radio is tuned to a station that does not give traffic information

TA and **TP** not shown on the display: the radio is tuned to a station that does not give traffic information and the traffic information function is off.

(*) If the **TA** traffic information function is on, but the radio station chosen does not give traffic information, the device beeps every 30 seconds.

With the **TA** function (traffic information) it is possible:

a) to search only RDS stations that transmit in the FM band, enabled to broadcast traffic information

b) receive traffic information even if the Compact Disc player or CD-Changer is in use

c) receive traffic information at a predefined minimum volume even with the radio volume off.

The operations to be carried out for each of the three above conditions are listed below.

a) To receive stations enabled to broadcast traffic information:

— select band FM1, FM2 or FMT

— briefly press (less than 1 second) the "**AF-TA**" button (1) so that the display shows "**TA**".

— press the tuner buttons "▶▶" (7) or "◀◀" (4).

To store stations with **TA** on, carry out the storage operations (see "Manual station storage").

b) If wishing to receive traffic information when listening to a Compact Disc, before inserting the cassette or starting the CD-Changer, tune to a station enabled to broadcast traffic information (**TP**) and activate the **TA** function. If while listening to the Compact Disc, this station broadcasts traffic information, the Compact Disc will be suspended temporarily and resumed again automatically after the end of the message. At the start of receiving traffic information the display will briefly show the wording "**INFO TRA**", while the display continues giving further information (frequency, name, time of CD etc.).

If the Compact Disc player is already working and at the same time you want to receive traffic information, briefly pressing (less than 1 second) the “**AF-TA**” button (1) the radio tunes to the last station heard in the FM band, the TA traffic information function is activated and the traffic messages are transmitted. If the station selected does not send traffic information, the search for an enabled station starts automatically.

If wishing to interrupt the traffic information message, briefly press (less than 1 second) the “**AF-TA**” button (1) during transmission of the message.

c) To receive traffic information while not listening to the radio:

- turn on the **TA** function briefly pressing (less than 1 second) the “**AF-TA**” button (1), so that the display shows “**TA**”

- tune to a station enabled to transmit traffic information so that the display shows “**TP**” turn the volume to zero keeping the “**VOL-**” button pressed (19).

This way, if that station broadcasts traffic information, this will be heard at a minimum predefined volume.

WARNING In certain countries radio stations exist which, even if the **TP** function is on (the display shows “**TP**”), do not transmit traffic information.

If the radio is working in the AM band, when the “**AF-TA**” button (1) is pressed, it passes to the FM band on the last station heard. If the station selected does not broadcast traffic information (wording “**TP**” not shown on the display), the search for an enabled station starts automatically.

The volume with which the traffic bulletin is transmitted varies depending on the listening volume:

- listening volume below 30: traffic bulletin volume = 20 (fixed value)

- listening volume above 30: traffic bulletin volume the same as the listening volume + 1.

If the volume is changed during a traffic bulletin the value is not shown on the display and the new value is kept only for the bulletin in progress.

During a traffic bulletin it is possible to turn on sound adjustment with the “**AUD**” button (18). The new values set are also kept at the end of the bulletin.

WARNING If the **TA** function is on and the station tuned is not able to provide traffic information or it is no longer able to provide this information (the display will not show “**TP**”), so after 1 minute in which the radio is in these conditions:

- if listening to a Compact Disc another station is sought that is enabled to transmit traffic information

- if when listening to the radio a “beep” is given to alert that it is not possible to receive traffic information; to interrupt it, it is necessary to tune to a station that can provide traffic information or switch off the **TA** function.

Emergency alarm reception

In the RDS mode the radio is set to receive emergency announcements in the case of exceptional circumstances or events that may cause general danger (earthquakes, floods, etc.), if they are broadcast by the station tuned.

This function is activated automatically and cannot be deactivated.

Program Type function (PTY) (selecting a type of programme)

To turn on the PTY function, which makes it possible to give top priority to PTY programmes, when present, which may involve emergency messages or various topics (e.g. music, news bulletins), briefly press the "PTY" button (2) until the display shows "PTY" and the subject of the last station heard (e.g. "NEWS").

WARNING To turn on the PTY function, the radio must be in the FM band.

If the station does not broadcast in the PTY mode, the wording "**NO-PTY**" is shown on the display for 5 seconds.

After 2 seconds the station name or frequency is shown on the display.

The list of the various subjects comprises:

NEWS

AFFAIRS

INFO

SPORT

EDUCATE

DRAMA

CULTURE

SCIENCE

VARIED (Variety)

POP M

ROCK M

M, O, R, M Middle of the Road Music

LIGHT M (Light music)

CLASSICS

OTHER M (Other music)

To change the type of PTY programme press "◀◀" (4) or "▶▶" (7) or one of the 6 preset buttons. If the display shows the station frequency or name, pressing "◀◀" (4) or "▶▶" (7) the current type of programme will be displayed.

To store the current type of programme on one of the 6 preset buttons, give a prolonged press (over 1 second) on the preset button. Storage is confirmed by a "beep". To seek a station with this programme see the "Automatic tuning" and "Scanning stations (Scan Function)" paragraphs.

If no station is available with this type of programme the system sounds a "beep", the station selected previously is heard and for 2 seconds the display shows the wording "**NO-PTY**".

To turn the PTY function off briefly press the "PTY" (2) button again.

Controlling the station's type of PTY programme

To know the type of PTY programme of the station heard, keep the **"PTY"** button (2) pressed until a "beep" is heard. After the "beep" the display will show the type of programme (see previous paragraph) offered by the station tuned. If the station has no PTY code, the display will show the wording **"NO-PTY"**. After about 5 seconds the display will again show the RDS name or frequency of the station tuned.

EON function (Enhanced Other Network)

Some countries have circuits which group together several stations enabled to broadcast traffic information. In this case the programme of the station being heard, will be interrupted temporarily to receive traffic information (only with the TA function on), every time these bulletins are given by one of the stations of the same circuit.

Scrolling transmissions

It is possible to receive different programmes in the same network and scroll them in the FM band only — e.g.: NDR1, NDR2, NDR3, NDR4, N-JOY...

To activate this function, briefly press the **"AF-TA"** button (1) to activate the AF function. Then scrolling may begin pressing **"▶▶"** (7) or **"◀◀"** (4).

WARNING The station must have been received previously at least once.

Stereophonic stations

If the signal received is weak, the device switches automatically from Stereo to Mono.

MENU (fig. 11)

Functions of the "MENU" button (9)

To activate the menu function briefly press (less than 1 second) the **"MENU"** button (9). The display shows the word **"MENU"**.

To scroll the menu functions use **"▲"** (6) or **"▼"** (8). To turn on/off the function selected, use **"▶▶"** (7) or **"◀◀"** (4).

The display will show the current status of the function selected.

The functions controlled by the menu are the following:

- **EQ SET** (Equalizer settings, only if the equalizer is on)
- **PRESET/USER/CLASSIC/ROCK/JAZZ** (Turning on/off and choosing predefined equalizer adjustments)
- **HICUT** (Treble reduction)
- **PHONE** (Telephone volume, if installed)
- **CD NAME** (Allocation of CD names, only with CD inserted)

- **SENS DX/LO** (Tuning sensitivity)
- **CD** (CD display setting)
- **CDC** (CD-Changer display setting, if installed)
- **REG** (Regional programmes)
- **IGN TIME** (Switching off mode).

To exit the menu function, press the **"MENU"** button again (9).

Turning the equalizer on/off (except versions with HI-FI BOSE system)

The integrated equalizer can be turned on or off. With the equalizer off, it is possible to change the sound settings only adjusting the bass ("**BASS**") and treble tones ("**TREBLE**"), while activating the function makes it possible to obtain higher sound control since it is possible to operate separately on 7 frequency bands.

To turn the equalizer off, select **"PRE-SET"** with **"▲"** (6) or **"▼"** (8).

To turn on the equalizer, select one of the following with **"▲"** (6) or **"▼"** (8):

- **"USER"** (adjustment of the 7 equalizer bands that can be changed by the user)
- **"CLASSIC"** (predefined equalizer adjustment)
- **"ROCK"** (predefined equalizer adjustment)
- **"JAZZ"** (predefined equalizer adjustment).

After selecting the last adjustment set in the Menu using **"▲"** (6) or **"▼"** (8), use **"▶▶"** (7) or **"◀◀"** (4) to change it.

When one of the equalizer settings is on, the display shows **"EQ"**.

On versions with HI-FI BOSE system, analogue equalizing in amplitude and phase of the signal is done automatically by the amplifier.

Equalizer settings (only if the equalizer is on)

To set a personal equalizer adjustment, use **"▲"** (6) or **"▼"** (8) **"USER"**; the display shows **"EQ SET"**.

To change the equalizer settings, use **"▶▶"** (7) or **"◀◀"** (4). The display shows a graph with 7 bars, where each bar represents a frequency for the left or right channel. Choose the bar to be adjusted using **"▶▶"** (7) or **"◀◀"** (4); the bar chosen starts to flash and it is possible to adjust it using **"▲"** (6) or **"▼"** (8).

To store the new settings, press the **"MENU"** (9) button again. The display still shows **"EQ SET"**.

Treble reduction function (HICUT)

Using this function it is possible to reduce the treble tones and noise when reception is bad. To turn the function on/off, use “◀◀” (4) or “▶▶” (7).

The display will show the current status of the function:

- “**HICUT ON**”: function on
- “**NO HICUT**”: function off.

Telephone volume adjustment function (PHONE)

With this function it is possible to adjust (setting from 1 to 66) or cut off (OFF setting) the telephone sound.

To turn on/off, use “◀◀” (4) or “▶▶” (7).

To adjust the sound, use “**VOL+**” (21) or “**VOL-**” (19).

The display will show the current status of the function:

- “**PHONE 23**”: function on with volume setting 23
- “**PHONE OFF**”: function off.

Allocating a name to a CD (CD NAME)

This function can be chosen only if a Compact Disc is inserted. To turn on, use “◀◀” (4) or “▶▶” (7): the display will show “**CD-NAME**”. If the CD already has a name, this will be shown on the display, if not, eight dashes will be shown. If storage is no longer available for a new name, the display will show the first name stored.

To change the name or give a name to the new CD press “◀◀” (4) or “▶▶” (7). Press the buttons again to choose the position of the character to be changed. Press “▲” (6) or “▼” (8) to choose or change the character.

To store the name, press the “**MENU**” button again (9). The display will show “**CD-NAME**”.

To clear a name, turn the function on and press “▲” (6) or “▼” (8) to choose the name to be cleared, then press the “**MENU**” button (9) for about 2 seconds. The system beeps and the display shows “**ONE CLR**” for about 2 seconds. At this point the procedure can be started to give a new name.

To clear all the names, turn the function on and keep the “**MENU**” button (9) pressed for about 4 seconds. The set gives two beeps and the display shows “**ALL CLR**” for about 2 seconds. At this point, it is possible to start the name allocation procedure.

Tuner sensitivity adjustment (SENS DX/LO)

With this function it is possible to change the sensitivity of automatic station searching. When low sensitivity is set “**SENS-LO**” only stations with excellent reception are sought, when high sensitivity is set “**SENS-DX**” all stations are sought. Therefore, if the car is in an area with a considerable number of stations and you want to choose only those with a strong signal, set to low sensitivity “**SENS-LO**”.

To set the sensitivity, use “◀◀” (4) or “▶▶” (7). The display will show the current status of the function:

- “**SENS-LO**”: low sensitivity
- “**SENS-DX**”: high sensitivity.

Compact Disc data display function (CD)

With this function it is possible to choose the information shown by the display, when listening to a Compact Disc.

Two settings are available:

- **TIME** (time elapsed since the start of the track)
- **NAME** (CD name).

After choosing “**CD**” in the Menu using “▲” (6) or “▼” (8), the display shows “**CD-DISP**”. To change the setting use “◀◀” (4) or “▶▶” (7).

CD-Changer data display function (CDC) (if installed)

This function can be chosen only if a CD-Changer is connected. In this case the display will show “**CDC-DISP**”.

To change the function use “◀◀” (4) or “▶▶” (7).

The display shows the setting among the two possible: “**TIME**” and “**CD-NR**”.

Regional broadcast reception function (REG)

Some national broadcasters, at determine times of the day, transmit regional programmes which differ from region to region. This function makes it possible to tune in only on local stations (regional). However if a regional programme is heard and you wish to stay tuned to it, the function must be activated.

To turn the function on /off, use "▶▶" (7) or "◀◀" (4).

The display will show the current status of the function:

- "REG-ON": function on
- "REG-OFF": function off.

If the function is off and a regional programme is tuned that works in a determine area and the car enters a different area, the regional station of the new area is received.

WARNING When the function is off ("REG-OFF") and the AF function is on (alternative frequencies) the radio automatically tunes to the frequency of the station selected with the strongest signal.

Switching off mode (IGN TIME function)

With this function it is possible to choose if when turning the ignition key to **STOP**, the sound system shall turn off immediately (**00 MIN**), or if it shall stay on for other 20 minutes (**20 MIN**).

After selecting "IGN TIME" in the menu using buttons "▲" (6) or "▼" (8), the display will show the message "IGN TIME".

To change setting use button "▶▶" (7) or "◀◀" (4).

Two settings are available:

- "**00 MIN**": sound system going off immediately when turning the ignition key to **STOP**
- "**20 MIN**": sound system staying on for 20 minutes after turning the ignition key to **STOP**.

COMPACT DISC PLAYER (fig. 11)

Selecting the Compact Disc player

To turn on the Compact Disc player integrated in the set, when a CD is already inserted, turn the set on, then briefly and repeatedly press the "SRC" button (14) to select the "CD" operating mode. Inserting a CD, also with the device off, the CD player is turned on.

Inserting/ejecting a CD

To insert the CD set it gently in place (3) to activate the powered loading system, which will position it correctly.

Press "▲" (5), with the device on, to operate the powered CD eject system.

After ejection, the source heard before playing the CD will return. The CD cannot be ejected if the device is off.

Possible error messages

If the CD inserted is illegible, the display will show the wording **"CD-ERROR"** for about 2 seconds, then the CD is ejected and the previous source before CD was selected returns.

Display information

When the CD player is working, the display shows information which has the following meaning:

"T05": shows the number of the track on the CD

"03:42": shows the time elapsed since the start of the track (if the corresponding Menu function is on)

"MADONNA": shows the name given to the CD.

Select track (forward/backward)

Briefly press **"▲" (6)** to play the next track on the CD and **"▼" (8)** to play the previous one.

To select tracks continuously, keep the button pressed.

If playing the track started more than 3 seconds ago, pressing **"▼" (8)** the track is played again from the start. In this case if wanting to play the previous track, press the button twice consecutively.

Fast forward/backward

Keep **"▶▶" (7)** pressed to move the track selected forward at high speed and keep **"◀◀" (4)** pressed to move it quickly backward. Fast forward/backward is interrupted once the button is released.

If the CD name display has been chosen in the menu, this will be replaced by the CD time display. After about 2 seconds from the last time the button is pressed, the CD name will be displayed again.

Pause function

To pause the CD player press the preset button 3 **(15)**. The display will show **"CD-PAUSE"**.

To listen again, press the preset button 3 again **(15)**.

Scanning pieces on the CD (Scan function)

With this function it is possible to listen to all the pieces contained on a CD.

Keep the “**SRC**” button pressed (**14**) for over one second to play the first 10 seconds of each track on the CD. While the track is playing the display will alternately show, for about 2 seconds, the CD function chosen (CD time or name) and the wording “**SCAN**”. If the Scan function is on, Repeat and Mix are turned off.

The scanning sequence is the following:

- from the track played up to the last one on the CD
- from the first one on the CD up to the one played the moment scanning was started.

The Scan function is interrupted in the following cases:

- turning the set off
- pressing the “**SRC**” button again (**14**) to continue listening to the track that was being played
- pressing “**▲**” (**6**) or “**▼**” (**8**) (pressing them together the track will be skipped)
- pressing a preset button
- turning Autostore on
- turning PTY on
- changing the sound source
- pressing “**AUD**” (**18**)
- if the TA function is on and the station selected is broadcasting a traffic bulletin
- pressing “**MENU**” (**9**).

If the Scan function is not interrupted, at the end it will continue playing the track played before scanning was started.

Repeat function

Briefly press the preset button 4 (**12**) to listen repeatedly to the last track played: for about 2 seconds the display will show “**RPT TRACK**”.

Press the preset button 4 (**12**) a second time to turn off the repeat function: for about 2 seconds the display will show “**RPT OFF**”. When the function is on the display shows “**RPT**”.

Changing the sound source, the function is turned off.

WARNING When the repeat function is turned on, the Scan and Mix functions are turned off.

Random playing (Mix function)

To start random playing of tracks on the Compact Disc selected, press the preset button 5 (**11**). A new track will be played and for about 2 seconds the display will show "**CD-MIX-ON**". Press the preset button 5 (**11**) again to turn the function off: for about 2 seconds the display will show "**CD-MIX-OFF**".

When the Mix function is on, all the tracks on the CD are played in random sequence.

Changing the sound source, the function is turned off.

WARNING When the Mix function is turned on, Scan and Repeat are turned off.

TPM function (CD playing sequence storage)

With the TPM function (Track Program Memory) it is possible to store the sequence for playing tracks of a CD, to be able to play them later in the sequence set.

To turn the function on briefly press (less than 1 second) the preset button 1 (**17**), while listening to a CD. When the function is on, the display shows "**TPM**".

To store tracks, select the track required, then press the preset button 1 (**17**) for about 1 second, until hearing the beep; the display will show "**STORED**". Repeat this procedure for all the other tracks to be stored.

CLR function (clearing CD track storage)

With the CLR function (Clear) it is possible to clear one or all the CD tracks stored with the TPM function.

To clear only one track from storage, select it using buttons "**▲**" (**6**) or "**▼**" (**8**) when the TPM function is on, then press the preset button 2 (**16**) for about 2 seconds; the TPM function is turned off, a beep is heard and the display shows "**TR CLR**".

To clear all the tracks of the CD selected from storage, turn on the TPM function then press preset button 2 (**16**) for about 4 seconds; the TPM function is turned off, a double beep is heard after about 2 and 4 seconds and the display shows "**CD CLR**".

CD CHANGER-CDC MODE (if installed)

VERSIONS WITH CD LOADER

Loading CDs (saloon versions) (for versions/markets where applicable) fig. 13

To insert the CDs in the loader, proceed as follows:

1) pull lever (A) to open one of the loader compartments;

2) insert the CD with the label set properly: otherwise the CD player will not work;

3) close the compartment;

4) repeat this procedure for the other CDs.

Inserting the CD loader into the CD player

Open the sliding lid (B-fig. 14) rightwards until it blocks.

Insert the loader (A-fig. 15) completely into the CD player observing the direction of the arrow marked on the loader side.

Close the sliding lid (D-fig. 16) after inserting the CD loader to prevent dust or foreign matters infiltration into the CD player.

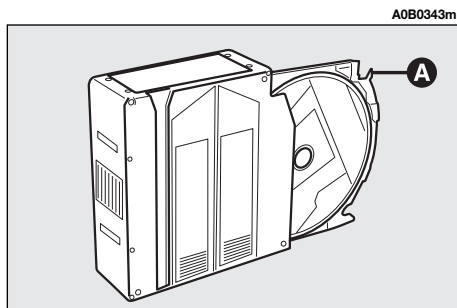


fig. 13

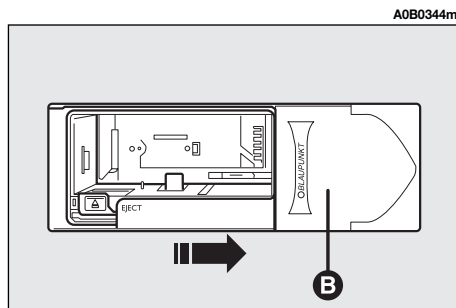


fig. 14

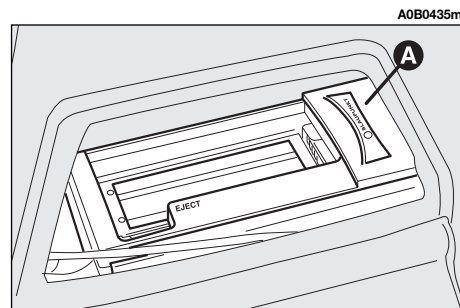


fig. 15

Ejecting the CD loader from the CD player

Open the sliding lid (**B-fig. 14**), press the eject button **EJECT** (**E-fig. 17**) on the CD player: the loader is ejected partially.

Remove the loader with care.

Close the sliding lid.

Ejecting Compact Discs from the loader

Eject CDs in sequence, pulling the lever corresponding to each CD.

VERSIONS WITH SLOTS (CD slots)

The CD-Changer is located in the boot inside the left oddment compartment (**fig. 18**).

WARNING To turn the CD-Changer on, just press one of the buttons set aside the CD slots; the button leds corresponding to the slots loading a CD will turn on.

A0B0364b

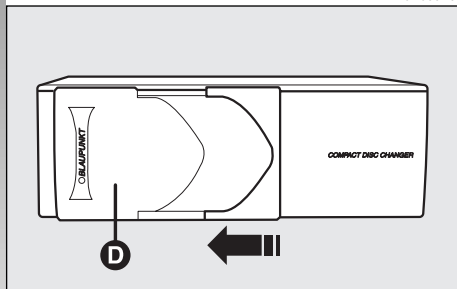


fig. 16

A0B0347m

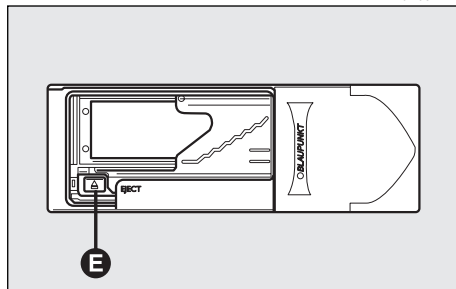


fig. 17

A0B0744m

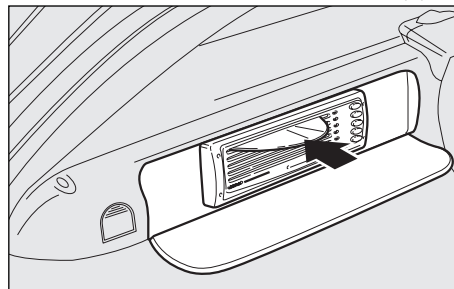


fig. 18

Inserting/ejecting CDs

To insert CDs: insert the CDs gently, with the label upwards, into the CD-Changer slots to the stop: the powered loading system will load CDs automatically.

To eject CDs: press and keep pressed the button set aside the slot of the CD to be ejected.

ANTITHEFT PROTECTION CD Changer

The sound system is fitted with a CD Changer antitheft protection system consisting of a four-digit secret code. The protection system makes the CD Changer unusable.

Entering the secret code

Entry of the secret code is required to make the CD Changer work each time it is connected to the sound system.

Connecting the CD Changer to the sound system, the display shows the words "**CDC CODE**" for about 2 seconds, followed by four dashes "----".

The secret code consists of four figures from 1 to 6, each corresponding to one of the dashes.

To enter the first digit of the code, press the corresponding button of the preset stations (from 1 to 6). Enter the other code digits in the same way.

If the four figures are not entered within 20 seconds, the display will show again the words "**CDC CODE**" for about 2 seconds and then four dashes "----". This is not to be considered as an incorrect code entry.

After entering the fourth digit (within 20 seconds), the CD Changer starts working. If a wrong code is entered, the radio sounds a beep, the display shows the words "**CDC CODE**" for 2 seconds and then four dashes "----" to warn the user that it is necessary to enter the correct code.

If a wrong code is entered for three consecutive times the display will show the words "**CDC WAIT**". During the timeout (1 hour) the sound system can however be used and it is possible to select another sound source or to turn the sound system off.

If another sound source is selected it will be possible to start the new code entry procedure after 1 hour. The timeout will start from 1 hour again if the sound system has been turned off.

When timeout is over if the sound system is in CD Changer mode the display will show the words "**CDC CODE**" for 2 seconds and it will be possible to start the new code entry procedure. If the sound system is not in CD Changer mode, no message will be displayed. Select CD Changer, the display will show the words "**CDC CODE**" for 2 seconds: now the new code entry procedure can be started.

Selecting the CD-Changer

To turn on the CD-Changer, turn on the set, then press briefly and repeatedly the “SRC” button (14) to select the “CHANGER” function.

When listening to a Compact Disc for the first time after putting it in the CD loader, playing starts from the first track on the first disc available in the loader.

Possible error messages

If the CD selected is not available due to lack of the loader or because the loader is not inserted in the CD-Changer, the display shows “CHANGER”.

If the CD played is illegible, the display shows “CD-ERROR”, the next CD will be selected; if there are no other CDs or if they are also illegible, the display will show the wording “NO CD” until the sound source is changed.

In the event of a fault to the CD-Changer or difficulty in removing the loader, the display will show the wording “CD ERROR”.

Display information

When the CD-Changer is working, the display shows the following information which means:

“T05”: shows the number of the track on the CD

“03:42”: shows the time elapsed since the start of the track (if the corresponding Menu function is on)

“CD 04”: shows the number of the CD in the loader.

Choosing the CD

Press “◀◀” (4) to select the previous CD and “▶▶” (7) to select the next CD. If in the menu the CD time display function was selected, this will be replaced for about 2 seconds by the CD number.

If the loader does not contain a disc in the position selected, the display briefly shows the wording “NO CD”, and the next disc is played automatically.

Select track (forward/backward)

Briefly press “▲” (6) to play the next track of the CD chosen and “▼” (8) to play the previous track.

To select tracks continuously, keep the button pressed.

If playing the track started more than 3 seconds ago, pressing “▼” (8) the track is played again from the start. In this case if wanting to play the previous track, press the button twice consecutively.

Fast forward/backward

Keep “▶▶” (7) pressed to move the track selected forward at high speed and keep “◀◀” (4) pressed to move it quickly backward. Fast forward/backward is interrupted once the button is released.

A brief press on the button moves the track forward or backward 1 second.

If the CD number display function was selected in the menu, this will be replaced for about 2 seconds by the CD time display function.

Scanning CD tracks (Scan function)

With this function it is possible to listen to all the tracks contained on the CD selected.

Keep the “SRC” button pressed (14) for more than one second to play the first 10 seconds of every track on the CD. While playing, the display will alternately show for about 2 seconds the CD function chosen (CD time or number) and the word “SCAN”. If the Scan function is on, the Repeat and Mix functions are turned off.

The scanning sequence is the following:

- from the track played up to the last one on the CD
- change of CD and scanning all the tracks (and so on for all the CDs in the changer)
- from the first track up to the one played until the start of scanning.

The Scan function is interrupted in the following cases:

- turning the set off
- pressing “SRC” (14) again to continue listening to the track being played
- pressing “▲” (6) or “▼” (8) (pressing them together the track will be skipped)
- pressing a preset button
- turning Autostore on
- turning PTY on
- changing the sound source
- pressing the “AUD” button (18)
- if the TA function is on and the station selected is broadcasting a traffic bulletin
- pressing the “MENU” button (9).

If the Scan function is not interrupted, at the end it will continue playing the track played before scanning was started.

Pause function

To pause the CD-Changer press the preset button 3 (**15**). The display will show "**CD-PAUSE**".

To resume playing the track, press preset button 3 (**15**) again.

Repeat function

Briefly press the preset button 4 (**12**) to listen repeatedly to the last track played: for about 2 seconds the display will show "**RPT TRACK**".

Press the preset button 4 (**12**) a second time to turn off the repeat function: for about 2 seconds the display will show "**RPT OFF**". When the function is on the display shows "**RPT**".

Changing the sound source, the function is turned off.

WARNING When the repeat function is turned on, the Scan and Mix functions are turned off.

Random playing (Mix function)

To start random playing of tracks on the Compact Disc selected, press the preset button 5 (**11**). A new track will be played and for about 2 seconds the display will show "**CD-MIX-ON**". Press the preset button 5 (**11**) again to turn the function off: for about 2 seconds the display will show "**CD-MIX-OFF**".

When the Mix function is on, all the tracks on the CD are played in random sequence.

Changing the sound source, the function is turned off.

WARNING When the Mix function is turned on, Scan and Repeat are turned off.

TECHNICAL INFORMATION

Sound system

Maximum power: 4 x 40W.

Aerial

For versions/markets, where provided, the antenna can be integrated into the heated rear window or located on the roof of the car.



Remember to remove the aerial from the roof when washing the car at automatic car-wash to avoid damages.

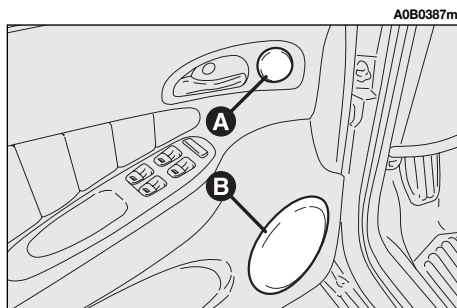


fig. 19

Speakers

The sound system is formed of a system comprising:

- 2 tweeters (**A - fig. 19**) with 30W power
- 4 speakers (**B - fig. 19**) and (**A - fig. 20**) with a diameter of 165 mm (2 front and 2 rear) with 40W power.

Protection fuse

The radio has a 10A fuse located in the rear part of the set. To replace the fuse, the radio needs to be pulled out: therefore contact Alfa Romeo Authorised Services.

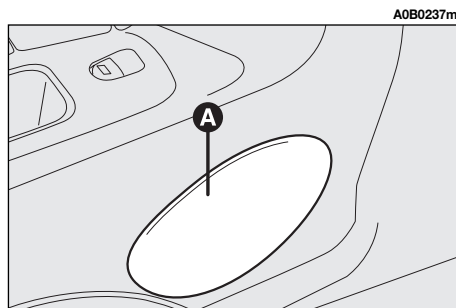


fig. 20

HI-FI BOSE SOUND SYSTEM (optional for versions/ markets where applicable)

The HI-FI BOSE system has been accurately designed for the **Alfa 156**, to offer outstanding sound quality and reproduce the musical realism of a live concert, for all the seats in the passenger compartment.

The system's features include outstanding faithful reproduction of crystalline treble tones and full, rich basses which among other things, make the Loudness function superfluous. In addition, the complete range of the sounds is reproduced in the whole passenger compartment enveloping the occupants with the natural spatial sensation that is felt when listening to live music.

The components adopted are patented and are the result of the most sophisticated technology, but at the same time they are easy and intuitive to use, so that even less expert people can use the system.

TECHNICAL INFORMATION

The system comprises:

- 2 front coaxial two-way speakers (**A - fig. 21**), 165 mm diameter and built-in tweeter ;
- 2 rear full range speakers (**A - fig. 22**), 165 mm diameter;
- 1 subwoofer, 225 mm diameter, set on the rear parcel shelf for saloon versions;

– 1 subwoofer, 130 mm diameter, set on the left side of the boot for Sportwagon versions. To access the subwoofer (**C-fig. 24**) remove the four plugs (**B-fig. 23**) and remove cover (**A**).

– 1 high power analogue amplifier (200W) with 5 channels, HI-FI equalising, set under the rear parcel shelf for saloon versions;

– 1 high power analogue amplifier (200W) with 5 channels, HI-FI equalising, integral with the subwoofer, set inside the boot for Sportwagon versions.

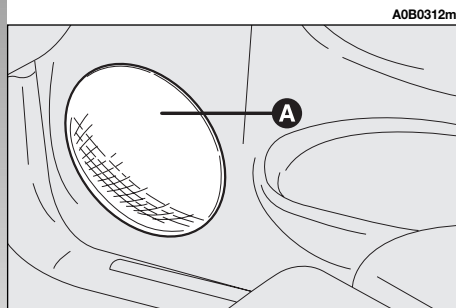


fig. 21

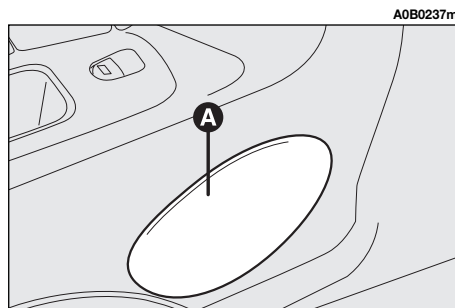


fig. 22

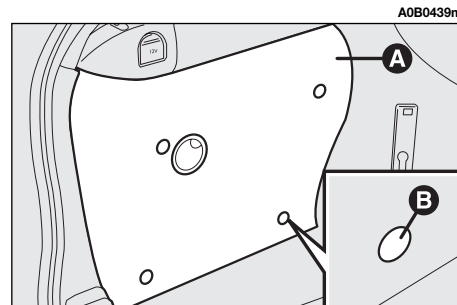


fig. 23

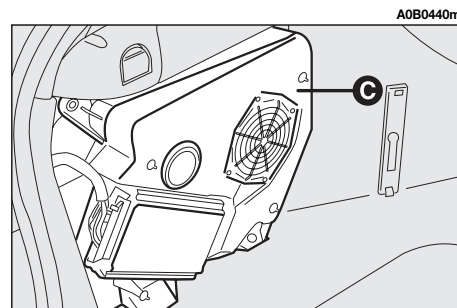


fig. 24

NOTES



SERVICE

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