

LANCIA

LANCIA LYBRA

Lancia I.C.S. with navigator



Dear Customer,

This supplement is an integral part of the Owner Handbook and describes all the functions of the Lancia I.C.S. with navigator and cellular phone (optional for versions/markets where applicable).

Refer to the Owner Handbook for the description and operation of the Check Control system.

Overleaf you will find the system control panel for your reference.

The third page of the cover you will find a pocket where to keep the quick reference guide which summarises the main functions for immediate use of the system. To learn how to use all the functions of the Lancia I.C.S. system you should however read through the whole of this supplement.



- 1** Keys from 1 to 6:
 - selecting memorised
 - broadcasters
- 2** - selecting memorised broadcasters
- 3** - memorising broadcasters
- 4** - selecting CD in the loader
- 5** - telephone keypad
- 6**
- 7** Cassette selector key - Telephone keypad
- 8** FM radio band selector key - Telephone keypad
- 9** CD player selector key - Telephone keypad
- 10** MW radio band selector key - Telephone keypad
- 11** Keys from 11 to 12:
 - station seeking
 - CD track
 - cassette forward/rewind
 - telephone symbols * and #
- 12**
- 13** Key for accepting call/ dialling phone number/ end of call
- 14** Multifunctional knob
 - I.C.S. on/off - stand-by
 - volume control
 - phone call not accepted
- 15** MAIN page selector key (main menu)
- 16** TEL (telephone) selector key
- 17** AUDIO function selector key (radio/cassette player/CD player)
- 18** NAVI (navigator) function selection key
- 19** TRIP (on-board computer) selector key
- 20** Multifunctional knob
 - turn to choose functions shown/ map enlargement/reduction
 - press to perform operations shown
- 21** SIM telephone card slot
- 22** Emergency call button
- 23** Repeat button for last vocal instruction
- 24** SIM telephone card eject button
- 25** Button for bringing/ removing on map function page
- 26** Monitor darkening button
- 27** Tape direction key
- 28** Cassette tape deck
- 29** Cassette eject button

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IMPORTANT INSTRUCTIONS FOR USE AND SAFETY AND TRAFFIC SAFETY

The Lancia I.C.S. (Integrated Control System) makes the driver's task easier in controlling the main functions of the vehicle.

In order to avoid creating danger for yourself and for others when using your I.C.S., please pay attention to the following points:

- use of the cell phone is prohibited near explosive substances;
- the I.C.S. system must be used when you are in full control of your car; in the event of doubt, stop to carry out the different operations.

The navigation system allows you to reach your destination through the traffic and indicates to you any change of route memorised on the navigation CD. In fact the system takes account of all information concerning the roads when calculating the route, advising the best way. However, it does not take into consideration traffic conditions or sudden obstructions or any other inconvenience.

The Lancia navigation system helps driver while he drives, by suggesting vocally or graphically, the optimum routing to reach his preset destination.

WARNING: Navigation system suggestions do not excuse driver from his full responsibilities due to his driving behaviour and to his compliance with road and other traffic regulations.

The responsibility for road safety always lies with vehicle driver, and it falls on him in any case.

All manoeuvres must be carried out abiding by the highway code, regardless of the advice given by the navigation system. Should you leave the recommended route, the I.C.S. system will calculate a new one for you and suggest it to you.

I.C.S.: LANCIA ENHANCED COMFORT AND FUNCTIONALITY

The I.C.S. controls and offers information for the following systems:

- On-board computer
- Sound system with tape and CD player (where fitted)
- Cell phone
- Navigator.

The interface is the multifunction information display for all the integrated components. The I.C.S. offers optimum functionality, allowing the driver to interactively receive clear instructions structured according to the single groups of the I.C.S. units.

GENERAL INSTRUCTIONS FOR USE

The I.C.S. can easily be used by both driver and passenger through the multifunctional information display.

Multifunctional information display

The colour display comprises a 5" LCD screen (approx. 7.5 x 10.3 cm) with active matrix. During the day the display brightness can be set in relation to the brightness of the passenger compartment, while during the night, with the vehicle lighting system working, the colours used for the screen can be adapted to optimise display visibility.

Controls

The I.C.S. controls and functions are described in the pocket inside the cover. Getting acquainted with a few controls will allow you to use all the integrated functions completely integrate.

Use of the I.C.S.

The I.C.S. display shows the single pages of the functions of the integrated units. Each page displays on

the screen information about the current system status. Using the cursor you can select the elements and items of the lists required and carry out the functions selected. The cursor is moved using the knob **20** on the right bottom part of the I.C.S.. Lightly pressing the knob **20** the corresponding function selected activated.

Main function keys **15, 16, 17, 18 and 19**

It is possible at all times, regardless of the level the system is in, to pass from one main function to another.

Returning to the starting function returns to the same point and same level as before.

From a lower function page, you can move to the first page pressing the main function key of the function.

Selecting "Go back"

To move from one function page to the previous page displayed, select "Go back".

Cancelling selection of the list

If a list is selected by mistake, this can be corrected as follows:

- If you want to carry out other operations after exiting the list, select either the last item selected or any other item, staying in the same function page;

- once a determinate function has been performed automatically (for example saving settings) press the main function key of the current function **15, 16, 17, 18 and 19**, thereby returning to the corresponding first function page.

Display darkening function

The LIGHT key **26** switches the I.C.S. display on or off.

Cancelling or suspending the darkening function

Starting from the dark screen:

- with the main function keys **15, 16, 17, 18 and 19** the screen lights up and the main function selected is activated, regardless of the previous page setting;

- with the LIGHT key **26** or the knob **20** the screen lights up showing the function page displayed previously;

- with all the other keys or with the volume control **24** the screen is darkened when performing the associated function;

- if the limits set are exceeded, the limits screen appears for approx. 3 seconds, followed by darkening of the screen.

“Correct” function and correction field “C”

To correct a selection, select the item and use the knob **20** with two different times:

- for less than 1 second: to delete the last entries;

- for more than 1 second: to delete the contents of the entry field.

TURNING THE I.C.S. ON/OFF AND STAND-BY FEATURE

Turning the engine on/off

The I.C.S. is turned on and off automatically turning the ignition key to **MAR** or **STOP** respectively (**fig. 1**).

Through the volume control (14)

The I.C.S. is turned on and off (also with the ignition key off) pressing the knob **14**.

With the ignition disabled, the I.C.S. automatically turns off after 20 minutes, to avoid draining the battery.



fig. 1

Stand-by feature

The stand-by operating condition corresponds to dark screen and volume off.

During operation and with the ignition on, the I.C.S. can be set to stand-by pressing knob **14**. In this condition the system works invisibly and the telephone is ready to receive a call.

If a limit activated is exceeded during stand-by the corresponding warning message is displayed.

Switching the I.C.S. on again

To switch the I.C.S. on again, proceed in one of the following ways:

- press knob **14**;
- answer a phone call pressing the key **13**;
- press one of the main function keys **15**, **16**, **17**, **18** and **19**;
- press the MAP key **25**;
- press or turn knob **20**;

- press the LIGHT key **26**;
- press the SOS key **22**;
- insert the SIM card.

UNIT AND NAVIGATION CODE

The I.C.S. system and the integrated navigation system are each protected by a specific access code.

Both codes must be entered at the first time of turning on, firstly entering the I.C.S. code.

If a power failure occurs (e.g. battery replacement or a blown fuse) it is necessary to enter the I.C.S. code and the integrated navigation code again.

Code entry

- 1) Switch on the I.C.S.
- 2) The prompt to enter the I.C.S. code is displayed (**fig. 2**).
- 3) The I.C.S. code to be entered is formed of 4 digits which are entered and confirmed through knob **20**: the digits are selected turning the knob and pressing to confirm. After entering the I.C.S. code select “OK”.

4) Similarly, now the NAVI code can be entered to activate the navigation system. If the NAVI code is not entered, the other system functions are still available (telephone, on-board computer, sound system and main screen).

5) To correct any entering mistakes, move the pointer to “Correct” pressing the knob:

- for less than 1 second: to delete the last digit entered;
- for more than 1 second: to delete the whole contents of the entry field.

Then enter the correct number.

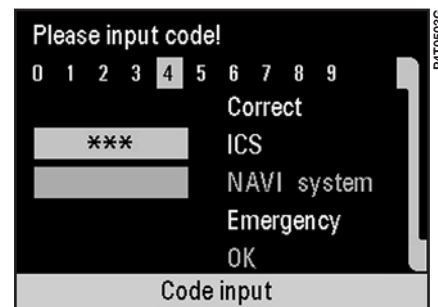


fig. 2

Entering a wrong code

The entry of three wrong codes consecutively will lock the system for about 10 minutes. Another 3 wrong entries block the system again for about 10 minutes. At the third set of wrong entries, and for subsequent terms of errors, the system will be blocked for about 60 minutes.

The I.C.S. system emergency call function will however remain enabled.

WARNING The I.C.S. and NAVI codes are part of the system documentation and should be kept with due care for security reasons (not in the car).

BRIEF INSTRUCTIONS FOR USING THE LANCIA I.C.S.

The I.C.S. system has a very simple and intuitive interface: therefore the few instructions given below are all you need to be able to quickly get acquainted with and use the different functions. In use of the system follow the instructions that appear on the screen.

The items that cannot be selected are always shown in grey.

To learn about and better understand the other functions you are advised to read the other chapters.

Main screen (MAIN)

The main screen (MAIN) is obtained pressing key **15** on “MAIN”: this video page accesses the following information:

Time display

Radio

- display of wavelength and station selected;
- display of broadcaster name or frequency;
- display of abbreviation “TP” for traffic information bulletin.

CD player

- display of CD number and track number.

Cassette player

- display of CASSETTE with direction of tape.

Cell phone

- display of operator’s name through which the phone network is accessed;
- display of measured field intensity;
- display of details of telephone connection (name, phone number to which you are connected and duration of current conversation).

Navigator

- display of suggestion of direction;
- display of suggested navigation parameters (distance at which a change of direction is advised);
- display of name of suggested road;
- display of name of current road.

Cellular phone (TEL)

General information

Press key **16** to access the cell phone functions.

SIM card and PIN entry

- the telephone is enabled to send and receive only after inserting the SIM card in the specific slot **21** and entering the PIN code as indicated on the display.

WARNING The SIM card must be removed pressing key **24** when the unit is off to avoid damage and data loss.

Emergency call function

The emergency call function is always enabled whether the SIM card is in its slot or not. This function is accessed through:

- emergency dialling with the SOS key **22**;
- “emergency call” automatic dialling;
- manually dialling the emergency number.

Manual dialling

The manual dialling function of the main telephone function page makes the following operations possible:

- entry of the number to be dialled directly by means of key from **1** to **10** on the phone keypad or by selecting the numbers on the display keypad by means of knob **20** (turn the knob to select the number and press it to confirm);
- number calling pressing the receiver key **13**;
- end of telephone connection pressing key **13** again.

Other functions

See the “Cell phone (TEL)” chapter.

Audio system (AUDIO)

The audio function screen is obtained pressing key **17**.

The functions available are:

General information

- volume adjustment function with knob **14**;
- sound setting adjustment function (treble, bass, etc.) selecting “Settings” of the main audio function page (note: SDV stands for Speed Dependent Volume).

Radio

- AUTO BEST function, i.e. the I.C.S. automatically selects the channel required on the frequency with the best signal;
- radio wavelength selector function (UKW, FM, MW) with keys **8** or **10**;
- broadcasting station memorising function with keys from **1** to **6**, pressing for more than 2 seconds;

– station recall function with keys from **1** to **6**, but pressing them for less than 2 seconds;

– automatic station seek function pressing buttons **11** or **12**;

– manual frequency setting function turning knob **20**;

– traffic information receiving function selecting “TP” on/off.

Cassette player

– play function (play), inserting the cassette in the slot **28**;

– play function pressing key **7** when the cassette is already in;

– fast-forward in both tape directions with keys **11** or **12**;

– play after fast forward pressing keys **11** or **12** again;

– eject cassette pressing key **29**.

CD player

– play function pressing key **9**;

– select CD pressing keys from **1** to **6** for loader with 6 CDs;

– quick move to next piece pressing keys **11** or **12** for less than 1 second;

– quick move to subsequent tracks pressing keys **11** or **12** for more than 1 second;

– play the beginning of each piece (scan) and random selection (shuffle) through the corresponding selectors.

Navigator (NAVI)

General information

The navigator functions are accessed pressing key **18**.

Entering the destination

- “Destination” on the main function page;
- “Address” on the “Select destination” page;
- destination address entry (through “City”, “Str.” and “No.” fields) turning and pressing knob **20**;
- route calculating function selecting “Guidance” (destination guide);
- destination alternative items entering “Intersection”, “Points of Interest” (places memorised previously on the I.C.S. system), “Destination memory” (destinations memorised previously on the I.C.S. system) or “Recent destinations” (memorised automatically) instead of the “Street address” field.

Route selection

- “Route” selection on main function page;
- select the criteria for choosing the route turning knob **20**.

Guide to destination

- guidance to destination through visual signals (arrow with message to change direction, arrow with direction of destination, indication of distance and name of street to take) and acoustic signals (voice instructions);
- function for listening again to the last voice instruction using the RPT key **23**;
- the road map is shown selecting the MAP key **25**;
- the map display scale is changed turning knob **20** or selecting “Zoom +” and “Zoom –” from the list displayed temporarily pressing knob **20**;
- other items relating to “Map display” can be selected pressing knob **20** and selecting from the list which disappears automatically.

Other items on the main navigator function page

- “Volume” of navigation system acoustic instructions;
- “Info” (information) concerning the destination, correct position and GPS reception.

Other functions

See the “Navigator (NAVI)” chapter”.

On-board computer (TRIP)

General information

The computer functions are accessed pressing key **19**.

The computer supplies data concerning the journey and system settings which can be changed selecting "Settings" with knob **20**:

- language selection;
- consumption display selecting unit of measurement;
- distance display selecting unit of measurement (km or miles);
- activation function with visual and acoustic signal when the set speed limits are exceeded;
- day/time display based on the GPS system, with selectable time zone and summer time;
- display setting functions.

I.C.S. MAINTENANCE

The I.C.S. requires some careful attention to keep it in full working efficiency:

- the monitor is sensitive to scratches, liquid detergents and UV rays;
- the unit may be damaged beyond repair if liquids get into it.

Advice for cleaning

The I.C.S. should be carefully cleaned periodically using a soft, clean, dry cloth.

WARNINGS

- In the event of a fault the I.C.S. system must only be checked and repaired by **Lancia Dealerships**.
- If the temperature is particularly low, the monitor reaches the optimum brightness after a certain operating time.

SYSTEM SOFTWARE UPDATING

The system software can be updated as soon as new versions for the I.C.S. software and for the navigation module software are available.

Contact Lancia Dealership for updated map data. The use of updated data could also involve system update with respect to what contained in this handbook.

The new software loading operations take place automatically when a new navigation CD ROM is inserted, also with the ignition key off.

Software updating can be identified in two ways:

- display of the associated signalling messages on the main screen MAIN or on the main navigation page;
- display of a rectangle in the centre of the monitor and indication of the progress of the loading process with its gradual filling. The two loading phases display the rectangle twice.

Any fault found during loading is given under the rectangle.

WARNINGS

- During navigation software updating only the I.C.S. functions are available.
- The software updating process should be carried out with the vehicle stationary, to allow quick determination of the current position.
- The software updating process can require several minutes.

Indication of the current I.C.S. software version

The data referring to the I.C.S. software, navigation software and map versions can be displayed selecting the climate control display page and pressing knob **20** for at least 2 seconds.

Press knob **20** again to return to the main menu (MAIN).

CONTROLS ON STEERING WHEEL (fig. 3) (where fitted)

The main sound system controls are duplicated on the steering wheel. The controls can consequently be operated without distracting the driver.

A - Volume up key

B - MUTE key

C - Volume down key

D - Radio programme tuning up and tape fast forward and next CD key

E - Sound system function key (radio, tape player, CD player - where fitted)

F - Radio programme tuning down, tape rewind button and previous CD key



fig. 3

Adjusting the volume

Press key **A** to turn the volume (sound system, cell phone and navigator instructions) up or key **C** to turn it down.

Muting the volume

Press the MUTE **B** key to switch the function on and off. The volume will immediately be turned down to zero when the phone is being used.

Selecting the sound system function (radio, tape, CD) (MODE function)

Press the MODE **E** key repeatedly to cyclically select the functions: RADIO, TAPE (if a tape is in the deck) and CD (if the player is fitted and a CD is inserted).

Radio, Tape and CD settings

Key **D** and **F** operate three different functions according to the function selected by means of the MODE **E** key:

– RADIO

– TAPE (if there is a tape in the deck)

– CD (if the player is fitted and a CD is inserted).

1) *Radio: tuning*

Press key **D** or **F** to tune to radio stations in the selected waveband.

2) *Tape: fast forward/rewind*

Press key **D** or **F** to fast forward or rewind the tape. Press key **F** to stop fast forwarding/rewinding and start playing the tape.

3) *CD: next track/previous track*

Press key **D** or **F** to play the next or previous track on the CD which is being played as described in “CD player”.

MAIN DISPLAY (MAIN)

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GENERAL INFORMATION

The main display shows the more important data of the I.C.S. system and of the manoeuvres recommended by the navigation system without options.

The MAIN display (**fig. 1**) appears pressing key **15**.

MAIN DISPLAY ITEMS

Radio


- band and station selected;
- station name or frequency after tuning;
- frequency only during station seeking;
- “TP” abbreviation if traffic information reception is activated;
- “TP” abbreviation and symbol  if traffic information reception is not activated;
- “Warning TP” during a traffic information bulletin;
- seeking in progress is shown by “Scan”.



fig. 1

CD player

- CD number (between 1 and 6 for CD loaders with 6 CD) and track number (number of piece being played);
- “TP” abbreviation if traffic information reception is activated.

Cassette player

- “CASSETTE” with the corresponding function symbols:
- tape playing in both directions;
- tape fast forward in both directions;
- pause “II”;
- “TP” abbreviation if traffic information reception is activated.

Source change or CD selection

– display of warning “No CD player” or “No CD” or “No cassette” depending on the circumstance.

Cell phone

– name of the network provider and reception signal intensity;

– name or phone number and duration of the conversation during a telephone connection;

– symbols associated with the telephone settings:



ring tone off



“transfer” function activated



“disable” function activated



telephone not active or no network access



SMS message received, unread;

– warning “No card” if the SIM card has not been inserted;

– warning “Please enter your PIN” or “Faulty card” or “Seeking network” or “Emergency call” or “Enter PUK” depending on the circumstances;

– warning “Dialling interrupted” if receiver key **13** is pressed again during dialling;

– warning “End of call”;

– warning “No connection” if connection is cut off by the network;

– “Busy” warning;

– warning “Call not accepted”;

– “Temperature” warning if the permissible operating temperature is exceeded.

Time

– time display “hh:mm” with 24 or 12 hour system, in the latter case specifying “AM” or “PM”.

Date

– date display of day (from 1 to 31), month (from 1 to 12) and year.

Navigator deactivated

– warning “Guidance to destination off”;

– warning “Insert navigation CD” if necessary.

Navigator activated

– warning “Start navigation system”, when the navigation system is loading the data;

– warning “Insert navigation CD” if required;

– graphic display of next manoeuvre;

– display of distance from next manoeuvre;

– name of recommended road for reaching the destination;

– name of the road now on.

Example A. Radio, navigation system and telephone are active

Display of radio settings concerning type of modulation and channel on which the station received is memorised, Traffic Information deactivated, telephone field intensity and name of network provider, time, date, navigation system guidance advice with the name of the road now on and the name of the next road to be taken in accordance with the suggested route.

Example B. Radio, navigation system and telephone are active during a telephone call

While receiving a phone call, the information concerning the radio station is replaced by the fields of the number and name of the subscriber called and the duration of the conversation in minutes and seconds.

Example C. Telephone and CD player are active

Display of the number of the CD in the CD loader, number of current title on the disc, Traffic Information activated, telephone network provider, field intensity, time, date and warning.

CELL PHONE (TEL)

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GENERAL INFORMATION

The I.C.S. system is fitted with a GSM cellular phone with hands-free feature and (optional for versions/markets where applicable) with an additional receiver. The GSM standard (Global System for Mobile Communication) is currently implemented in 87 countries and has excellent coverage; for information about the areas served by the GSM networks at present and in the future please contact your network provider. Access to the many telephone function pages is gained pressing key **16**.

DISPLAY CONTENTS AND FUNCTIONS (fig. 1)

The telephone has many functions which simplify use:

- PIN entry function (Personal Identification Number);
- activating and deactivating access to the SIM telephone card (Subscriber Identification Module);
- emergency call function;

- access to and changing the lists with the more frequently dialled numbers and to the phone book;

- access to the list of the last 5 numbers dialled;

- manual dialling function;

- SMS (Short Message Service) function which makes access possible in reception and send brief text messages;

- copy and merge telephone card phone books;

- DTMF (Dual Tone Multi Frequency) settings to enable dialling repetition and inhibit transmission of your self-identification;

- network provider selection function;

- PIN change function;

- PIN query on/off function;

- Call signal volume and sound;

- display of signal field intensity and other status messages with the following symbols:

▬▬▬▬▬ field intensity



the telephone is off or there is no carrier or the phone is not inserted in the network



ring tone off



“transfer” function on



“preclusion” function on



SMS Message received and read



SMS message received and not read yet



SMS message written and already sent



SMS message written, but not sent yet.

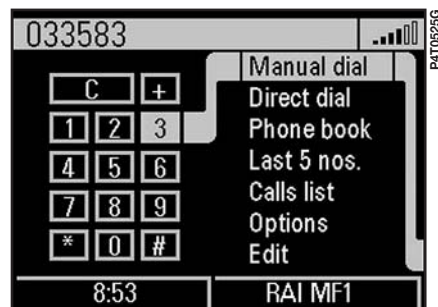


fig. 1

PRELIMINARY OPERATIONS

Inserting the telephone card

Inserting a valid SIM telephone card makes the telephone operational and the functions can be accessed. The telephone card must be inserted in its slot **21** so that the integrated chip is at the front left in relation to the direction of travel.

WARNING When necessary, only use the SIM card adapter provided with the car; in the event of loss, breakage or for buying other adapters, contact **Lancia Dealership**.

Correct insertion of the card is confirmed by the prompt asking to type the card PIN code (**fig. 2**).

When the card is already inserted, access to the operating system is obtained pressing key **16**.

PIN entry

The PIN code is entered using knob **20**. Turn the button to select the digits required and press to confirm.

The digits are displayed as asterisks.



fig. 2

Selecting “Correct”

The option “Correct” makes it possible to correct the digits entered. The function is activated turning knob **20** to the right to take the cursor to “Correct” and pressing as follows:

- deleting the last digit entered pressing for less than 1 second;
- deleting the whole entry field pressing for more than 1 second.

The operation can then continue entering the correct digits.

WARNING The next entry with confirmation of 3 wrong PIN codes will block the card. The card is unlocked entering the PUK code (Pin Unlocking Key) and the new PIN code (minimum 4 characters, maximum 8 characters) (**fig. 3**).

Selecting “OK”

The option “OK” is obtained turning knob **20** to the right to move the cursor to “OK” and pressing to confirm entry of the PIN code or PUK code. Network signal seeking starts after entering the PIN code and the telephone main function page is shown on the display (**fig. 1**). After connection the MAIN screen shows the name of the network provider.

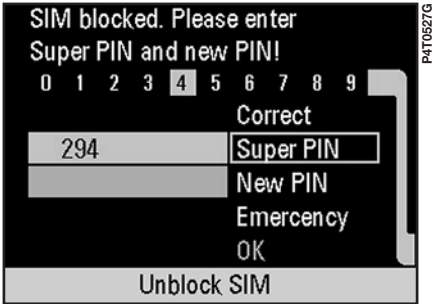


fig. 3

EMERGENCY CALL FUNCTION

Access to the emergency call function can be gained in different ways:

- by pressing the SOS key **22**. The vehicle co-ordinates will appear on the display with the functions “Call”, “Emergency” and “New Number” (**fig. 4**). Select the required function and confirm with knob **20**. The “Emergency” function will directly make the emergency call. Select the “New Number” function and confirm it with knob **20** to define a new emergency call number (**fig. 5**). Add a new number as shown in “Entering a telephone number”. Select the “call” function and confirm with knob **20** to call the new number;

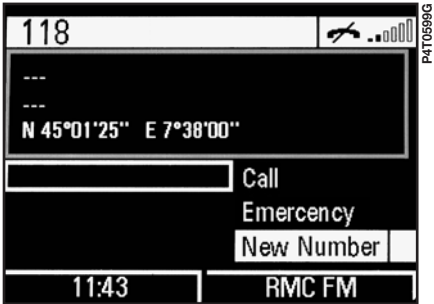


fig. 4

- with the SIM card inserted on the PIN entry function page or on the function pages described later;

- without the SIM card inserted simply confirming “Emergency call”. The function page is then displayed (**fig. 6**) and, confirming with “Yes” the network provider emergency call number is dialled automatically. The emergency call page is exited pressing knob **20** when the cursor is on “No” which automatically takes you back to the last function page;

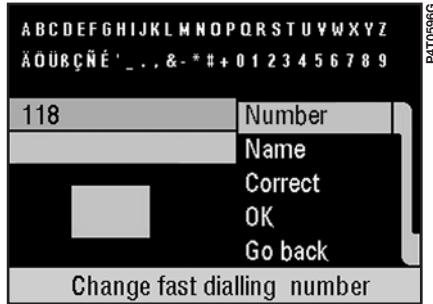


fig. 5

– manually dialling an emergency number, even if the telephone card is not inserted or if preclusions exist.

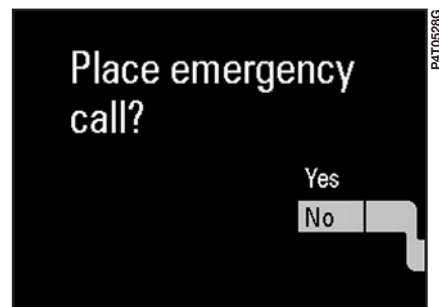


fig. 6

MAIN FUNCTION “MANUAL DIALLING”

Entering a telephone number

The option “Manual dialling” on the telephone main function page makes it possible to manually dial a telephone number. The function is accessed pressing knob **20** on “Manual dial” and turning it left to reach the digit field. Dialling the digits of the required telephone number takes place pressing knob **20** to confirm the different digits. During dialling the current digits are enlarged, while the complete number is displayed in the upper window (fig. 7).

The required telephone number can be directly dialled by means of key from **1** to **10** on the telephone keypad.

Possibility of correction

The correction function is activated selecting “C” as follows:

- deleting the last digit entered pressing knob **20** for less than 1 second;
- deleting the whole contents of the entry field pressing knob **20** for more than 1 second.

Calling the number

Calling the number selected function is obtained pressing key **13**. After this, the audio is deactivated, connection is made and, if the subscriber called answers, the call time counter is activated.



fig. 7

Ending the conversation and accepting calls

The conversation ending and call acceptance function is obtained pressing the key **13**.

Hands-free feature, volume adjustment and additional receiver functions

A hands-free microphone allows you to talk on the phone without using the additional receiver. The volume is adjusted by knob **14**.

Additional receiver (where fitted)

The I.C.S. telephone can be integrated with an additional receiver. The volume is adjusted with the ring on the additional receiver.

Additional receiver functions

The additional receiver possesses functions which make it easy and convenient to use, in particular:

- picking it up when it rings accepts the call;

- taking it off its housing during a hands-free conversation moves the call to the additional receiver;

- taking it off its housing and then pressing the receiver key for the first time connects with the additional receiver;

- putting it back during a conversation ends the conversation.

WARNING During a conversation it is not possible to pass from the receiver to hands-free talking.

Other manual dialling functions

The manual dialling function makes it possible to access network preclusion services through combinations of digits, * and #, according to procedures depending on the network provider. These functions take place pressing key **13** which is followed by confirmation on the display. In some cases this confirmation may be displayed in English, regardless of the language selection.

Examples of service preclusion

- preclusion function for outgoing international calls setting the code (password) supplied by the network operator

****331(password)#(key 13)**

- information functions on current status of outgoing international calls preclusion service

+#331#(key 13)

function for cancelling outgoing international calls preclusion service

#331*(password)#(key 13).

MAIN “PHONE BOOK” FUNCTION

Dialling a subscriber listed in the I.C.S. phone book

Direct dialling of subscribers memorised on the SIM card takes place through the “Phone book” function on the main telephone function page. The subscriber list is accessed selecting “Phone book” and moving the cursor to the item required turning knob **20**. The arrows at the top and bottom of the list indicate that there are other items that can be selected. The telephone number of the current selection is shown on the upper window of the display (fig. 8).

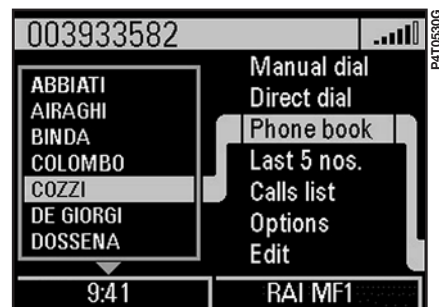


fig. 8

Calling the subscriber selected takes place pressing key **13**.

Entering a new item

A new entry in the “Phone book” is obtained selecting the option “Edit” with knob **20** and accessing the options “Change”, “Enter”, “Clear”, “Select” and “Go back” (fig. 9).

The function page for entering new phone book items is obtained selecting “Enter”. The selection displays a new window with the fields for entering the subscriber’s telephone number and name; the characters available, a zoom field for enlarging the character selected and the options “Correct”, “OK” and “Go back” (fig. 10).

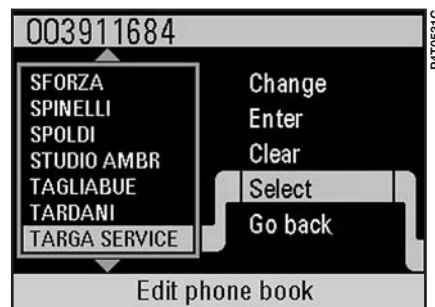


fig. 9

Entering telephone numbers

Telephone numbers are entered selecting “Number”, moving the cursor on the characters with knob **20** and pressing to confirm. Select the respective digits which appear in the “Number” entry field and, one by one to check in the zoom field.

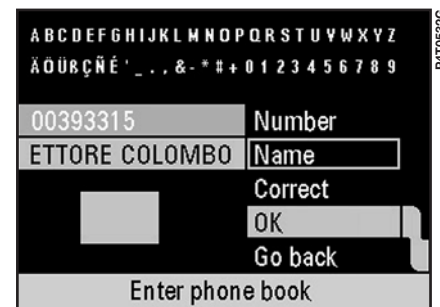


fig. 10

WARNING The telephone number must always be entered with the area code and also the international code for foreign calls.

Entering the name

The name is entered in the same way as telephone numbers, i.e. with knob **20** select “Name” and continue turning to move the cursor on the characters (press knob **20** to confirm the characters).

The white space between the characters is obtained selecting “_”.

Correction function

The correction function is obtained selecting “Correct” as follows:

- deleting the last character entered pressing knob **20** for less than 1 second;
- deleting all the contents of the entry field pressing knob **20** for more than 1 second.

Selecting “OK”

Memorising the data entered and inserting them in the list takes place selecting “OK”.

Selecting “Go back”

The option “Go back” displays the previous page of the “Edit phone book” function page.

Deleting an item

Deleting an item from the phone book takes place selecting “Select” in the “Edit phone book” function page and highlighting the item to be deleted. Then select “Clear”. Accidental deleting is avoided by the prompt to confirm whether you really intend to delete (**fig. 11**). After deletion the “Edit phone book” function page is displayed again.

WARNING If the entry fields of new names in the phone book are all occupied, the I.C.S. system suggests deleting an existing name to make room for a new one. The maximum number of entries depends on the SIM card services.

Changing an item

Changing an item in the phone book is obtained selecting “Select” in the “Edit phone book” function page and highlighting and confirming the item to be changed. Selecting “Change” accesses the function page for entering new items with the “Number” and “Name” fields or for modifying existing ones. Selected the item to be changed (“Number” or “Name”),

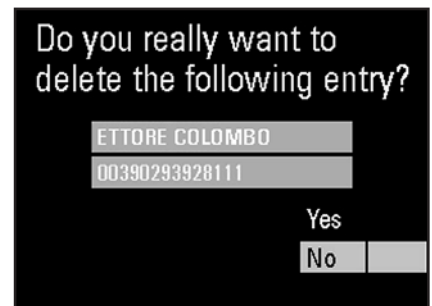


fig. 11

move the cursor to “Correct” then press knob **20** as follows:

- to delete the last digit or letter of the field pressing for less than 1 second;
- to delete the whole contents of the field pressing for more than 1 second.

The modified item is memorised selecting “OK” (fig. 12).



fig. 12

“DIRECT DIAL” MAIN FUNCTION

With the “Direct dial” function it is possible to quickly generate and access a list with the 7 telephone numbers used more frequently. The I.C.S. system is capable of managing and automatically recognising the lists of “Direct dial” of a maximum of 5 different SIM cards, the items of which are obtained from the I.C.S. phone book or from the telephone card read.

Dialling a subscriber listed in the “Direct dial”

Dialling a subscriber identified as a “Direct dial” takes place selecting “Direct dial” on the main telephone

function page. “Direct dial” are selected with knob **20** turning until the cursor is on the name required. The telephone number selected is shown in the upper window of the display (fig. 13). The subscriber selected is called pressing key **13**.

Compiling the list of “Direct dial”

Compiling the list of “Direct dial” takes place selecting “Direct dial” with knob **20** on the telephone main function page and pressing to confirm. Then selecting “Edit” displays the “Edit direct dial numbers” function page. Making or changing the list of the 7 more frequently used numbers is obtained selecting “New entry” and, from all the items of the phone book, with “Select” it is possible to copy up to 7 items in the “Direct dial” list (fig. 14).



fig. 13

Changing “Direct dial”

Selecting “Sort”

Selecting “Sort” you can change the order of the numbers in the “Direct dial” list as you prefer. For example moving a number from position 7 to position 1, takes place highlighting number 7 using “Select”, then “Sort” and with knob **20** moving the number 7 selected to position 1. The operation is memorised pressing knob **20**.



fig. 14

Selecting “Clear”

Selecting “Clear” makes it possible to delete an item selected from the list of frequent numbers. This function is necessary when the list of “Direct dial” is filled with 7 numbers and you want to enter a new frequent number from the phone book.

Selecting “Go back”

Selecting “Go back” brings you back to the main telephone function page.

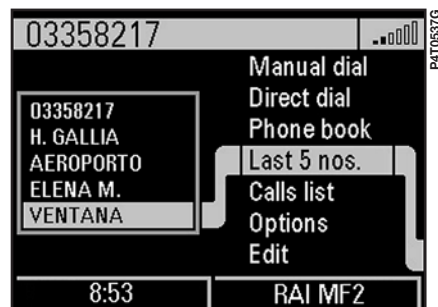


fig. 15

“LAST 5 NUMBERS”

MAIN FUNCTION

Selecting an item from the “Last 5 no.” list

The option “Last 5 nos.” displays the last 5 numbers dialled, relating to the SIM card inserted. The numbers of this list can be selected and highlighted with knob **20** and called automatically pressing key **13**.

Modify “Last 5 numbers” (deleting function)

The selection list “Last 5 nos.” is generated and updated automatically, but you also have the possibility to delete items. Deleting numbers from the “Last 5 nos.” list is obtained exiting the corresponding list after confirming it and selecting “Edit” (fig. 15): the new function page “modify last 5 numbers” is displayed with the selections “Clear”, “Select” and “Go back”. A number is deleted highlighting it with “Select”, then choosing “Clear” and confirming the choice. After deleting it is possible to return to the telephone main function page automatically or selecting “Go back”.

"CALLS LIST" FUNCTION

The "Calls list" function allows access to the list of the last calls received (up to a maximum of 7) that were not answered.

This function is accessed choosing and confirming "Calls list" with the right-hand knob of the I.C.S. system, on the phone main functions page.

Each item of the list gives the name of the person that made the call (if stored in the phone list) or the phone number (if the call was not in incognito).

The names or numbers of the list can be called directly, pressing the phone key (for sending calls), after choosing them with the right-hand knob of the I.C.S. system.

The calls are listed in the order received, with the last call at the top of the list. If the same call is received more than once, it will be given in the list only once, in the order of the last call received.

TELEPHONE OPTIONS

The option "Options" on the main telephone function page makes it possible to access the "Phone options" function page selecting "Info", "SMS", "Copy SIM", "Merge SIMs", "Call divert", "Settings" and "Go back" (fig. 16).



fig. 16

Telephone options - selecting "Info"

The option "Info" makes it possible to display the network access identity telephone number, the I.C.S. telephone electronic serial number (IMEI = International Mobile Equipment Identity) and the network access provider name. The central part of the display shows the number of the "Service Center", "Validity" and the "Code" for the SMS message function. It is also possible to display the disabling through the corresponding selection (fig. 17). Activation of these functions is displayed on the MAIN screen and on the main telephone function pages with the symbols \uparrow and/or \downarrow .



fig. 17

Telephone options - selecting “SMS”

The option “SMS” makes it possible to access the SMS messages page, which can be received and sent. The upper window of the SMS messages page shows the number of SMS messages in the memory and how many of them have not been read. The list of SMS messages received also shows the date and time of reception and the read/unread, written/written and transmitted status (fig. 18).

WARNING For some providers access to the “SMS” function may have to be enabled.



fig. 18

Reading messages

Reading an SMS message takes place choosing “Select”, highlighting the message required, followed by “Read”. In selecting reading, the message is displayed with its receipt stamp and with the telephone number of the sender. If the message exceeds the space available on the single page (4 lines with 23 characters) it is continued on other pages which are made available by choosing “Go to page”.

The option “Go back” takes you back to the previous SMS function page (fig. 19).

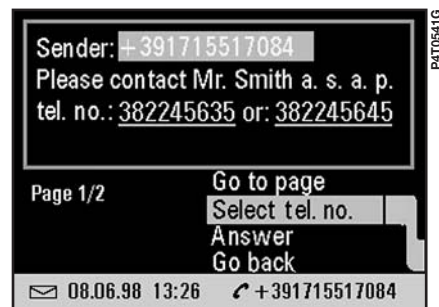


fig. 19

Dialling a telephone number in the SMS message

The option of the telephone number in the SMS message allows you to dial the telephone number highlighted pressing key **13**. If the message contains at least one other phone number you will see “Select Phone No.” with which it is possible to choose the telephone number required (fig. 19).

WARNINGS

– When dialling an SMS message (fig. 18) it is possible to dial directly from the SMS message pressing key **13**.

– When SMS message is received inside any function page it can be read at once pressing key **13** within approx. 10 seconds from receipt.

Creating messages

An SMS message is created selecting “Create” in the “Phone SMS” page (fig. 18) thereby displaying the “Process SMS” page with the “Text”, “Recipient”, “Store”, “Send” and “Go back” pages (fig. 20).

Writing the text

The “text” option displays the “Enter SMS text” page for creating the text of the message (fig. 21). The text is composed selecting the characters with knob 20 and pressing to confirm them. The blank space between two characters is obtained selecting “_”. Selecting “A→a” or “a→A” moves

respectively from UPPER CASE characters to lower case and vice versa. Selecting “<->” it is possible to move the cursor within the already written text for any corrections. The correction function is activated selecting “C” as follows:

- pressing knob 20 for less than 1 second deletes the last character entered;

- pressing knob 20 for more than 1 second progressively deletes all the characters; deleting is stopped by releasing the knob.

When the message has been written, selecting “OK” takes you back to the “Process SMS” page.

Choosing the addressee

The “Recipient” option displays the “Enter SMS recipient” page with the options “Manual dial”, “Direct dial”, “Phone book”, “Last 5 nos.”, “Call list”, “OK” and “Cancel” (fig. 22). The addressee can be selected among those memorised or manually, proceeding as described in the previous paragraphs. After selecting, turn knob 20 to the right and select “OK”.



fig. 20



fig. 21



fig. 22

Memorising the message

If you want to memorise the message, select “Store”. Confirmation is given by the wording “Message saved” which appears on the new page which is exited selecting “Continue”.

Sending the message

To send the message, select “Send”. The message that appears on the new page confirms that the message has been sent with the wording “SMS sent successfully” or if not, it indicates that the message has not been sent by “Not executed!”. To continue, press “Continue”.

Go back

Select “Go back” to display the “Phone SMS” function page again.

Setting messages

Selecting the “Settings” option from the main SMS page (fig. 18) access is gained to the “SMS settings” page (fig. 23) with the options “Service

Center”, “Validity”, “Code”, “OK” and “Cancel”. The option “Service Center” allows access to the main page of the telephone function (fig. 1) for selecting the service center among those memorised or for manual dialling, proceeding as described for dialling phone numbers. “Validity” allows you to choose the days of validity of the message (from 1 to 441 days). With “Code” it is possible to give the messages a code (codes from 0 to 255). After completing the settings, select “OK” to activate the settings chosen or “Cancel” to cancel them. Both cases take you back to the main “Phone SMS” page (fig. 18).

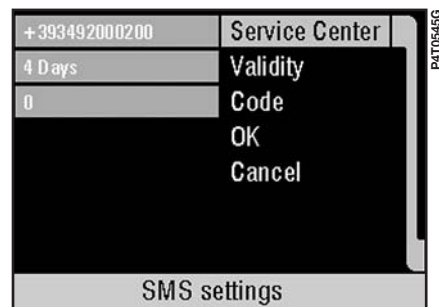


fig. 23

Changing messages

An SMS message is obtained selecting “Edit” on the SMS functions page and then choosing the field to be modified, proceeding as described for creating messages.

Deleting SMS messages

An SMS message is deleted highlighting “Select”, “Clear” on the SMS function page, and confirming deletion. Message deletion is necessary if the SMS memory on the SIM card is full. This will be displayed on the SMS function page with an upper window with the wording “memory full, cancel item”.

WARNING The number of possible SMS messages depends on your service provider.

“Go back”

Select “Go back” to return to the “Phone options” page (fig. 16).

Telephone options - selecting “Copy SIM”

The option “Copy SIM” makes it possible to copy to copy numbers of the phone book of a SIM card on another SIM card (destination card). For this operation the following steps are required:

- with knob **20** select “Copy SIM”. A new function page is displayed asking you to insert the destination card in the I.C.S. (**fig. 24**);

- remove the origin SIM card from its housing pressing the eject key **24**;

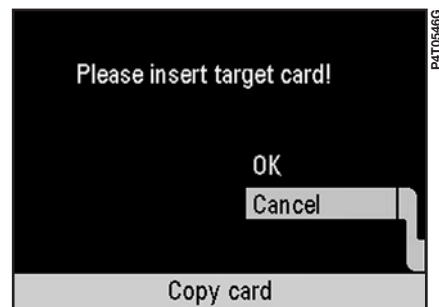


fig. 24

- insert the destination SIM card;
- select “OK” if necessary entering the PIN code of the destination SIM card. A PIN code entry can be corrected with “Correct”. After entering the correct PIN a warning is displayed “Caution: phone book being written!” on a function page contains “Overwrite” and “Go back”.

- if the wrong destination card has been inserted by mistake select “Go back”. Selecting “Overwrite” starts the actual copying operation shown on the display.

- the system asks if there are other SIM cards on which you want to copy the same numbers. Selecting “No” takes you back to the “Phone options” function page.

If the space on the destination SIM card is insufficient for all the new data of the origin SIM card, at the end of the copying operation the destination SIM card will show the new data, otherwise a new function page is displayed with the possibility to select “Delete entries by user”, “Write until card full” and “Cancel” (**fig. 25**).

“Delete entries by user”

The option “Delete entries by user” makes it possible to access a page with the items of the phone book to be copied from which the phone book to be copied can be changed as preferred. During this operation the number of items still to be deleted is shown. Highlighting these items first with “Select” and then with “Clear” starts the phone book modify operation which can be followed by the copying operation selecting “Write” (**fig. 26**).

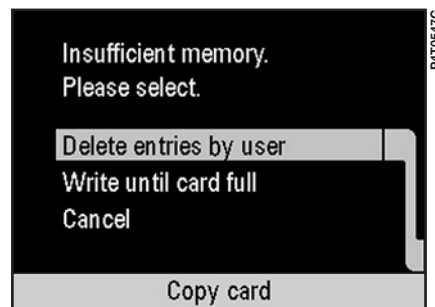


fig. 25

“Write until card full”

The option “Write until card full” automatically copies the highest number possible of numbers on the card.

“Cancel”

The option “Cancel” returns to the “Phone options” function page.

Telephone options - selecting “Merge SIMs”

With the “Merge SIMs” function it is possible to merge the numbers of the phone book of the first origin SIM card with the numbers of the phone book of the second origin SIM card on a

third destination SIM card, selecting “Merge SIMs” on the “Phone options” function page (**fig. 16**) with knob **20**. You will be asked to insert the second origin card, after removing the first one with the eject key **24**, which is then confirmed selecting “OK”.

After entering the second origin card it may be necessary to enter its PIN code, remembering that it is possible to correct code entries with “Correct”. Then you will be asked to insert the destination SIM card with the same procedure. Writing on the destination SIM card takes place selecting “Overwrite” on the new page which is automatically displayed (**fig. 27**). The same page also has the “Go back”

function which takes you back to the previous page.

WARNING The management and display procedures for merging numbers from different cards are as described previously for the “Copy card” operations.

Telephone options – selecting “Call divert”

The “Call divert” option allows access to the “Query”, “Conditions”, “Mode”, “Number”, “Time lapse”, “OK” and “Go back” functions page (**fig. 28**).

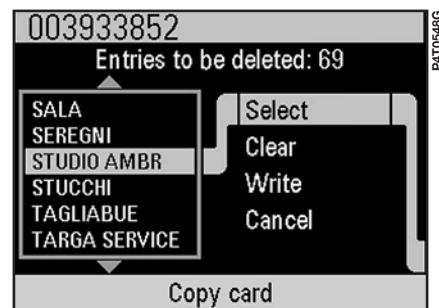


fig. 26

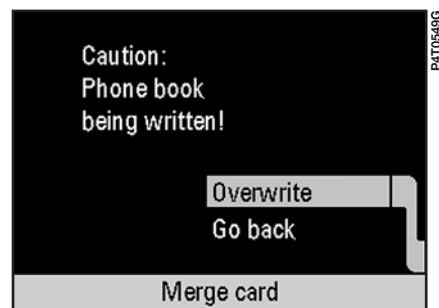


fig. 27

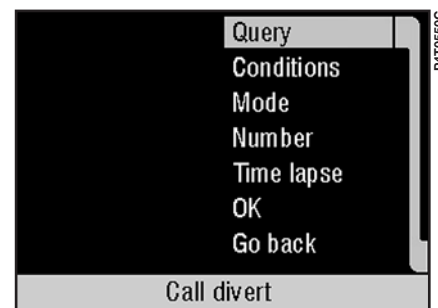


fig. 28

“Query” option

The “Query” option accesses the pages that give all the conditions active at the moment (fig. 29). Select “Continue” to access the following pages. You go back to the main “Call divert” page from the last page of the active conditions or pressing “Cancel” from any page.

“Conditions” option

The “Conditions” option allows access to the page of the conditions for transferring calls (fig. 30). Confirm the condition to be activated or deactivated and then select the “Mode” function to access the new page with the options



fig. 29

“deactivate”, “activate”, “query”, “set up” and “delete” (fig. 31).

“Number” option

The “Number” function makes it possible to select the phone number to which arriving calls are to be diverted, depending on the active functions.

“Time lapse” option

With the “Time lapse” function it is possible to select the time delay (from 5 to 30 seconds) that elapses between the arrival and transfer of the call. At all events, the call transfer interval depends on the network access provider, that can activate a different interval than the one set on the I.C.S. system.

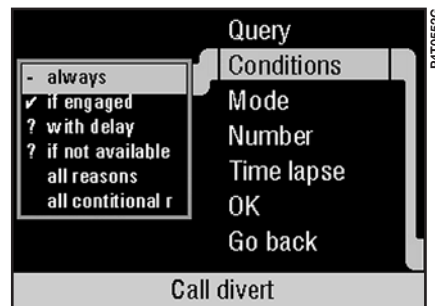


fig. 30

“OK” option

The data entered are memorised selecting “OK”.

“Go back” option

“Go back” takes you back to the previous page of the “Phone options”.

Telephone options - selecting “Settings”

The option “Settings” makes it possible to access the function page “Own number”, “Network operator”, “PIN”, “Ring tone”, “Send DTMF □”, “Redial □”, “Incognito □” and “Go back” (fig. 32). The existence of a service activated for access to the

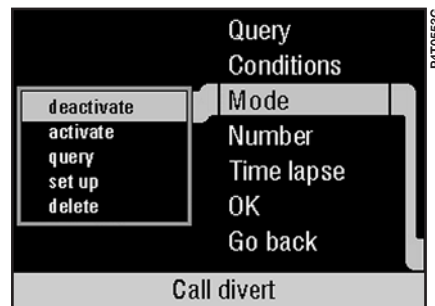


fig. 31

GSM network makes it possible to display the provider's name at the left of the option "Network operator".

Selecting "Own number"

The "Own number" function allows you to access the page in which you can enter and memorise your own telephone number. Selecting "Cancel" returns to the "Phone options" function page without memorising. Selecting "Store" after entering a number, returns to the "Phone settings" function page.

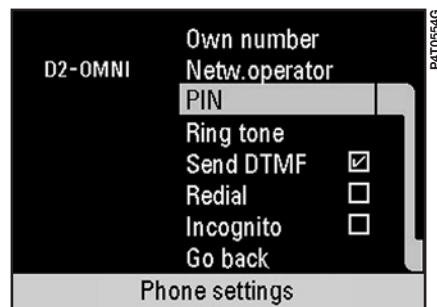


fig. 32

Selecting "Network operator"

The option "Network operator" allows access to the corresponding page which, after the "Wait: network exploration in progress", and makes the "Roaming ☐", "Automatic ☐", "Manual", "Ok" and "Go back" functions available with which it is possible to manually select a network operator or set it automatically. Activation (shown with the symbol ☒) or deactivation (shown by the symbol ☐) of the "Roaming" and "Automatic" functions takes place pressing knob 20 (fig. 33).

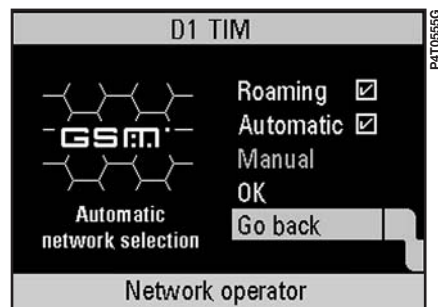


fig. 33

"Roaming ☒

Activating the "Roaming" function it is possible to move automatically to another authorised network if the previous one is no longer receivable.

"Roaming ☐

Deactivation of the "Roaming" function accesses only the network selected manually.

"Automatic ☒

Activating the automatic function it is possible to enter an authorised network on the basis of the SIM card list of priorities.

"Automatic ☐

Deactivation of the automatic function allows access only to the network selected manually.

“Manual”

The option “Manual” enables access to a list with all the receivable networks. It is possible to select the network required among those allowed in the list (not displayed in grey) with knob **20**. The setting of the network selected is made effective selecting “OK”, and returning to the “Phone settings” function page selecting “Go back”.

Selecting “PIN”

The option “PIN” allows access to the “PIN settings” function page through “Change PIN”, “PIN query”, “Use last PIN ☐” and “Go back”.

“Change PIN”

The option “Change PIN” makes it possible to change the PIN of the SIM card, accessing the “Change PIN” function page (fig. 34). In the page displayed it is necessary to firstly enter the previous PIN code and then enter the new PIN code twice, correcting any mistaken entries with

“Correct”. Entry confirmation ends the PIN change and introduces the “Phone settings” function page; otherwise, selecting “Go back” the “Phone settings” function page is displayed without memorising the change.

“PIN query”

The option “PIN query” makes it possible to activate or deactivate PIN code query through the corresponding function page. Disabling this function (Query ☐) allows use of the telephone without asking for PIN code entry when the SIM card is inserted. Access to and changing this setting requires PIN code entry (fig. 35).

“Use last PIN”

The option “Use last PIN”, if enabled (“Use last PIN ☒”), allows the PIN code memorised last to be entered automatically when the SIM card is inserted. This function is available only for a SIM card for which no entry errors have been made.

WARNING The option “Change PIN” cannot be selected if the “PIN query ☐” is deactivated.

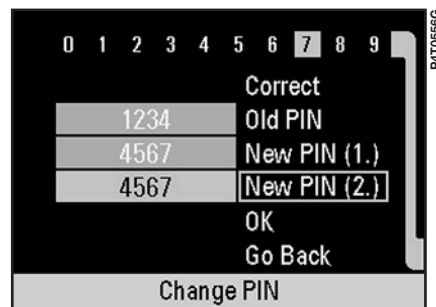


fig. 34

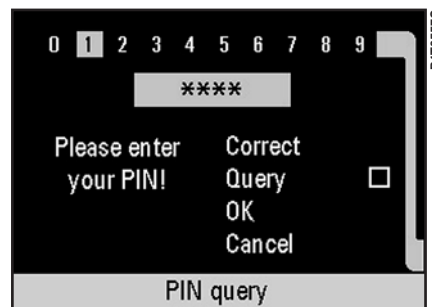


fig. 35

Selecting “Ring tone”

The “Ring tone” option displays a function page with the selection options “Tone”, “Volume” and “Go back”.

“Tone”

The “Tone” option displays a list with different melodies/tones that can be selected with knob 20 (fig. 36).

“Volume”

The “Volume” option displays a bar graph to set the ringing volume with knob 20 (fig. 37).

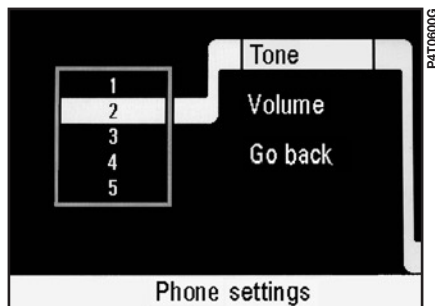


fig. 36

“Go back”

Selecting “Go back” takes you back to the “Phone settings” function page.

Selecting “Send DTMF ☐ / ☒”

With the option “Send DTMF” enabled it is possible to transmit DTMF (Dual Tone Multi Frequency) numbers during a telephone connection. The use of these control codes makes it possible to access particular network services or communication equipment (e.g., a remote telephone answering device).

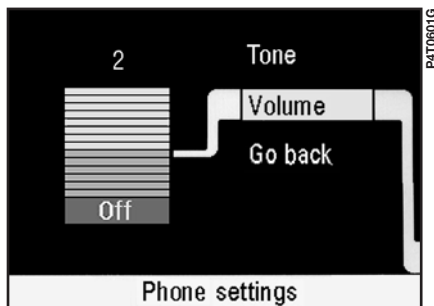


fig. 37

Selecting “Redial ☐ / ☒”

The “Redial” option makes it possible to automatically repeat dialling a busy number for up to 10 times. Automatic repeat dialling is interrupted pressing the receiver key 13.

Selecting “Incognito ☐ / ☒”

The option “Incognito” makes it possible not to show your number on the called subscriber’s set. The availability of this function depends on the network provider.

Selecting “Go back”

The “Go back” option displays the previous “Phone options” page.

AUDIO SYSTEM (AUDIO)

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GENERAL INFORMATION

The audio system is activated pressing key **17** with which access is gained to the main radio functions (**fig. 1**). The I.C.S. audio system controls:

- the RDS radio with FM/MW reception;
- the cassette player with autoreverse;
- the automatic CD loader with 6 available slots (where fitted);

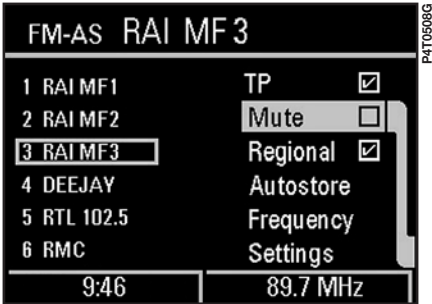


fig. 1

SCREEN ITEMS AND FUNCTIONS

- wave band selector function (FM, MW) through keys **8** and **10** respectively;
- display of name of broadcaster and number of station memorised;
- function for memorising up to 36 radio stations (18 for FM range and 12 for MW range);
- display of pause symbol in cassette mode;
- display of direction of tape with different symbols depending on winding speed;
- display of symbols for CD and cassette;
- display of CD number, title number and playing time;
- Scan and Shuffle function;
- Dolby B NR function for suppressing noise when listening to tapes;
- stand-by engagement function for traffic information bulletins (TP) with possibility of deactivation;

- sound setting functions: treble, bass, balance, fader and SDV (volume depending on speed);
- display of status signals, such as current time, outside temperature, etc.

RADIO FUNCTIONS

RDS system

The radio system integrated in the I.C.S. makes it possible to receive RDS (RDS = Radio Data System) signals in the UKW range.

With the RDS system the broadcaster can insert additional information (station name or messages) suitably modulating then with the radio signal. This information is then received by the RDS system and shown on the display.

AUTO BEST function

When receiving a radio channel with the AUTO BEST function it is possible to obtain a low signal/noise (S/N) ratio, automatic seeking and tuning on alternative frequencies where the chosen radio station is broadcasting with a better S/N ratio. When seeking a new tuning frequency broadcasting may be briefly interrupted temporarily.

The AUTO BEST function is activated automatically when the radio function is selected or when a station is selected through a choice key and when the cassette player or CD player is working.

All the RDS broadcasters show their name or message on the display. The current reception frequency is only displayed if information about the name of the station tuned is not.

EON (Enhanced Other Network)

The radio integrated in the I.C.S. system can receive EON information.

The signals concerning the EON infotraffic system make reception possible from radio channels, on which you are not tuned at the moment, information about the traffic and roads, interrupting the programme of the chosen station. This function, available to RDS channels can be disabled according to preference.

Example: programme set RTL - RAI infotraffic programme

If the infotraffic function is enabled while listening to a programme on the RTL station and in that moment a traffic bulletin is broadcast on the RAI channel, the system moves automatically from RTL to RAI. At the end of the traffic bulletin it automatically returns from RAI to RTL.

Radio main function page

The main functions are arranged so as to allow the clear and simple display of information concerning the radio system. When the radio is operating (CD or CC not activated) the wave band, name or frequency of the current station are displayed. The list of memorised stations and the selection modes "TP" (Infotraffic), "Mute", "Regional", "Autostore", "Frequency" and "Settings" are also displayed. In the lower part of the display shows general information such as the time, frequency or other current status information.

“TP □”

The traffic information box (TP) deactivated indicates that you do not want to receive traffic bulletins. Station seeking will no longer indicate whether it is a TP broadcaster and CC and CD playing will not be interrupted by traffic information.

“TP ☑”

The traffic information box (TP) activated with knob **20** indicates that you want to receive traffic bulletins. Automatic seeking selects a TP broadcaster and displays this prerogative: CC and CD playing will be interrupted by any traffic bulletins. The abbreviation “TP” appears on the MAIN page.

TP bulletins in progress can be interrupted pressing the knob **14**. Volume adjustment of a TP bulletin is independent of the audio source (radio, CC, CD) and is obtained by turning knob **14** during a TP bulletin.

“mute”

The “Mute” function can be selected only if TP is enabled and a TP station is set. When the “Mute” function is activated only traffic bulletins will be heard. The radio “Mute” function is disabled turning knob **14**.

“Regional”

The “Regional” function is automatically displayed if the radio programming of a determinate station is broadcast locally. In this case the AUTO BEST RDS function does not seek a station with a high S/N ratio but continues to broadcast the local channel selected. Reception of local channels can be deactivated selecting “Regional” again making it possible to move to different local stations depending on the best S/N ratio.

WARNING The AUTO BEST RDS function operates at national level. Moving to different regional stations may therefore occur. In this case it is necessary to reactivate the “Regional” function.

“Autostore”

The “Autostore” is active only by selecting the FM wave band with key **8**. This function makes it possible to automatically start the memorising of 6 stations on 6 FM memorising buttons available. Selection takes place on the basis of the best S/N ratio starting from the last frequency explored in the FM band: it is possible that the same station be recorded more than once.

“Frequency”

The “Frequency” can be used to manually select the frequency with the knob **20**, though it is still possible to seek the station with keys **11** and **12**.

“Settings”

The “Settings” function opens the “Audio settings” page (see specific paragraph).

Radio function controls

Switching wave band

The radio system has two wave bands UKW and MW totalling 5 bands in each of which up to 6 stations can be memorised.

The band selection function takes place through keys **8** or **10** with which the following is carried out:

- switching between FM-A, FM-B and FM-AS with the FM key;
- switching between LW and MW with the AM key.

Switching between stations and memorising

The station switching and memorising function is obtained pressing keys **1** to **6** as follows:

- memorised station selection function pressing for less than 2 seconds;
- broadcasting station with RDS memorising function pressing for more than 2 seconds;

– current frequency memorising function pressing for more than 10 seconds; in this case the main function page displays the letter “F” next to the station number and next to the frequency of the broadcaster memorised.

Station seeking

The station seeking function is activated pressing keys **11** or **12** and proceeding as follows:

- pressing for less than 2 seconds starts station seeking with decreasing frequency selection (key **11**) or growing frequencies (key **12**);
- pressing for more than two seconds starts the “Scan” function, i.e. every station is tuned to allow listening for only a few seconds. The “Scan” function is interrupted pressing keys **11** or **12** again.

Seeking and memorising stations

Automatic - Autostore

The “Autostore” function makes it possible to automatically programme the keys with the frequencies of the radio stations with the best S/N ratio (fig. 2).

Manual

With the manual function you can select the required wave band, pressing keys **8** or **10**. The frequency is selected turning knob **20**. After selection the display shows the frequency and, if it is an RDS station, also the station name. Station frequency memorising takes place pressing one of the

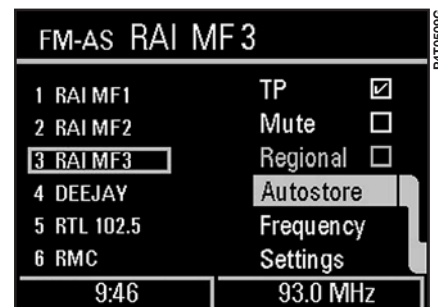


fig. 2

station keys **1** to **6** for more than 2 seconds and it is also possible to recall memorised stations with these keys (**fig. 3**).

During memorising the volume is lowered automatically to allow easier and clearer choice of the station. Confirmation that memorising has taken place is obtained by checking that the memorised station name or frequency is displayed on the radio main function page.

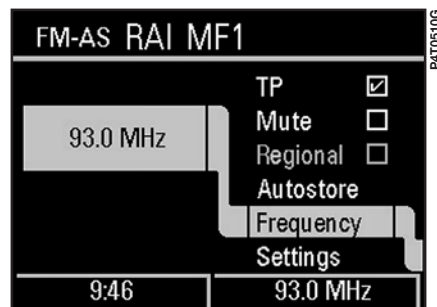


fig. 3

CASSETTE PLAYER FUNCTIONS

CC main function page

The CC main function page is obtained pressing key **17** only if the cassette player is operating (**fig. 4**). Under the “CASSETTE” window which indicates that selection of the cassette player has taken place, the direction of the tape is displayed (with the arrow), the options “TP” (infotraffic), “Dolby B NR” and “Settings”.

The lower display window also displays the time and further current status information.

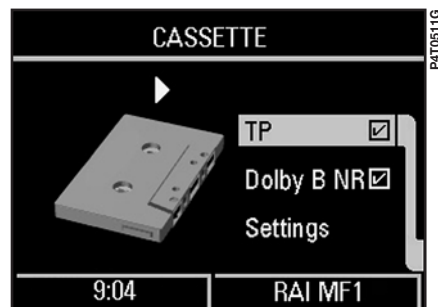


fig. 4

“TP ☐” / “TP ☒”

See the explanations in the paragraph “Radio main function page”.

“Dolby B NR ☐” / “Dolby B NR ☒”

The “Dolby B NR” function is selected with knob **20**. Activation of the function makes it possible to reduce the noise caused by running of the tape. When playing tapes recorded with the Dolby B technique, you are advised to activate this function to obtain better sound. When playing tapes that were not recorded with the Dolby technique you are advised to disable the function.

“Settings”

Selecting “Settings” makes it possible to access the “Audio settings” function page (see “Audio settings”).

Cassette player controls

Play back and changing tape direction (autoreverse)

Play back is started after inserting the cassette, with the tape at the right, in the special slot **28** and it can be in both directions. The direction is changed pressing key **27** or automatically at the end of the tape (autoreverse). The display shows the tape direction with the arrow.

Fast forward/fast rewind

Fast tape running in the two directions is obtained pressing the search keys **11** or **12**. The fast function is interrupted by starting play back if key **11** is pressed again.

Cassette eject

Cassette ejection is obtained pressing key **29**.

Switching the audio source

Switching from CC to CD is obtained pressing key **9**. The switching function from CC to radio is obtained pressing keys **8** or **10**.

HOW THE CD PLAYER WORKS (where fitted)

CD player main function page

The CD main function page is obtained, if the CD loader is connected and at least one CD is available, pressing key **9** (fig. 5).

The CD main function page displays the number of the CD in the loader, the current track number and the duration of the current piece, a CD symbol, the options “TP”, “Scan”, “Shuffle” and “Settings”.

The lower window of the page shows the time and further current status information.

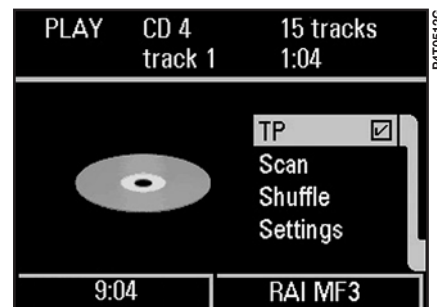


fig. 5

“TP □” / “TP ☑”

See the explanations in the paragraph “Radio main function page”.

“Scan”

The “Scan” function for the CD being played is obtained using knob **20**. With this function all the pieces of the CD are played for about 10 seconds.

“Shuffle”

The “Shuffle” function for the CD being played is obtained using knob **20**.

With this function the pieces of the CD are played in random order.

“Settings”

The “Settings” selection function opens the “Audio settings” function page (see specific paragraph).

CD player controls

Selecting and playing a CD

Selecting and playing a CD is only possible with the CD loader connected and at least one CD inside. The loader can hold up to 6 CD's and they can be played choosing the corresponding CD with keys **1 - 6**. The number of the CD being played is shown in the upper window of the CD main function page.

Changing title/fast forward and fast backward

The option for the piece before or after the current one is obtained pressing keys **11** or **12** for less than 1 second;

Fast forward or backward from the current track is obtained pressing keys **11** or **12** for more than 1 second.

Switching the audio source

Switching the audio source from CD to CC is obtained pressing key **7**.

Switching the audio source to radio is obtained pressing keys **8** or **10**.

Use of the CD loader

The CD loader is on the left-hand side of the boot.

WARNING Contact a **Lancia Dealership** exclusively for fitting and connecting the CD player.

The Lineaccessori Lancia CD player is equipped with a magazine (loader) which can hold up to 6 CDs.

IMPORTANT: Multimedia CDs contain sound and data tracks. Playing these CDs can cause noise loud enough to jeopardise road safety and damage final system stages and speakers.

Filling the magazine

The magazine contains six trays for one CD each.

To playback a CD, extract a tray from the magazine (**fig. 6**) and insert a CD (**fig. 7**).

Make sure the CD label is facing the right way, i.e. towards the tray. If not, the player will not work.

The player cannot be used to play 8 cm CDs unless a specific adapter, which can be purchased at HI-FI stores, is fitted.



fig. 6



fig. 7

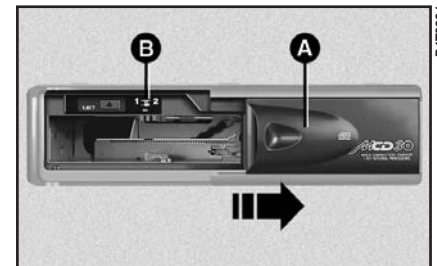


fig. 8

Inserting the magazine in the CD player

Proceed as follows:

- Move the sliding flap **A** (**fig. 8**) completely to the right until it locks.
- Check that switch **B** is in position “1”.
- Insert the magazine **C** (**fig. 9**) in the CD player with the labelled side (see arrow) facing upwards.
- Close the sliding flap **D** (**fig. 10**) after inserting the magazine to avoid grit and dust from getting inside the player.

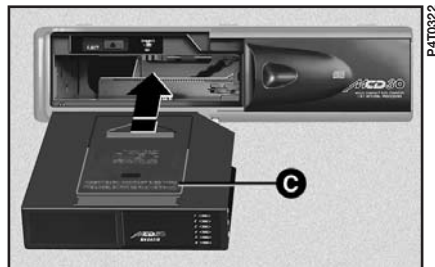


fig. 9

Removing the magazine from the CD player

Proceed as follows:

- Move the sliding flap **A** (**fig. 8**) completely to the right until it locks.
- Press the eject button **E** (**fig. 11**) on the CD player.

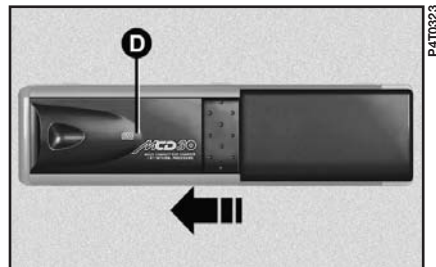


fig. 10

Removing the CDs from the magazine

Remove the CDs in order after removing the respective supports from the magazine.

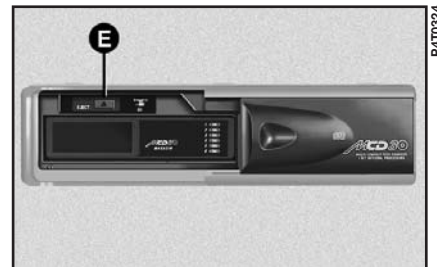


fig. 11

AUDIO SETTINGS

The functions concerning audio settings are activated selecting “Settings” on the main audio function page (radio, CC or CD) (fig. 12). This introduces a new page with the selections “Treble”, “Bass”, “Balance”, “Fader”, “SDV” and “Go back”. Some symbols are also shown associated with the devices operating (CC, CD or radio).

The loudness function improves sound volume by increasing bass tones and is automatically activated when the HI-FI system is switched on.

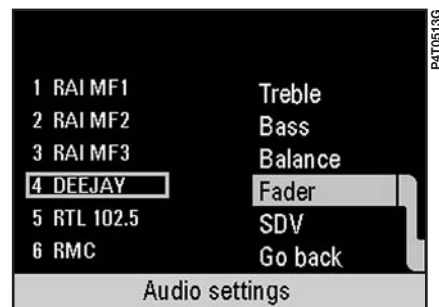


fig. 12

“Treble”

The treble function displays a “sliding regulator” for setting the treble tones. Setting is carried out with knob 20 moving the cursor to the position required and pressing to end the setting (fig. 13).

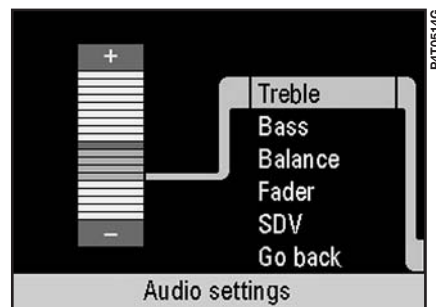


fig. 13

“Bass”

The bass function displays a “sliding regulator” for setting the bass tones. Setting is carried out with knob 20 moving the cursor to the position required and pressing to end the setting (fig. 14).

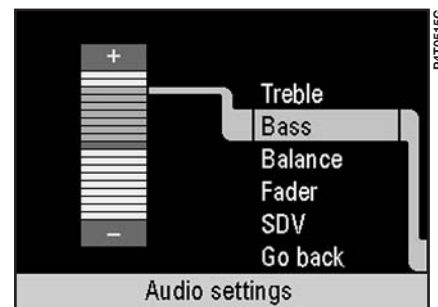


fig. 14

“Balance”

The “Balance” function schematically displays the position of the speakers in the car (front/rear and left/right). The setting operation is carried out with knob **20**, thereby changing the distribution of the volume in the passenger compartment between the right and left speakers. The distribution set is shown by a small square cursor. The setting operation ends pressing knob **20** (fig. 15).

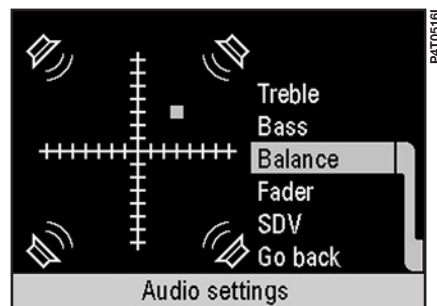


fig. 15

“Fader”

The “Fader” function schematically displays the position of the speakers in the car (front/rear and left/right). The setting operation is carried out with knob **20**, thereby changing the distribution of the volume in the passenger compartment between the front and rear speakers of the passenger compartment. The distribution set is shown by a small square cursor. The setting operation ends pressing knob **20** (fig. 16).

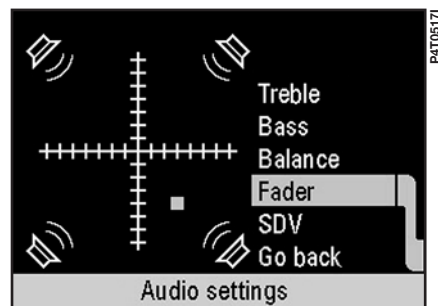


fig. 16

“SDV”

The “SDV” function SDV displays a list for setting volume adjustment in relation to speed. The “SDV” function makes it possible to automatically increase the volume as the speed increases to maintain the ratio with the noise level inside the passenger compartment. It is possible to select 4 levels: “OFF” (deactivated), “WEAK”, “MEDIUM” and “STRONG” (fig. 17).

“Go back”

The “Go back” function takes you back to the main page of the audio functions (radio, CD or CC) (fig. 1).

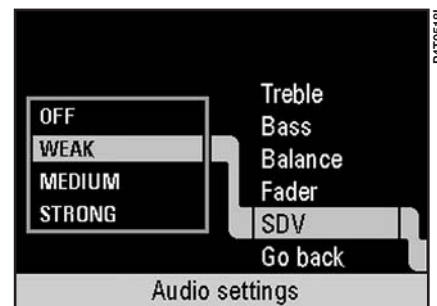


fig. 17

NAVIGATOR (NAVI)

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DISPLAY AND FUNCTIONS.....	53	INFORMATION PAGE.....	66
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DESTINATION GUIDANCE		ACTIVATING/DEACTIVATING	
AND ORIENTATION HELP	63	THE NAVIGATION FUNCTION.....	67

GENERAL INFORMATION

The integrated navigation system (NAVI) allows you to reach the selected destination through visual and acoustic instructions. Use of the navigation system is fast, convenient, safe, and above all highly flexible because you can call up already programmed destinations or reference points such as hotels, monuments, public structures, fuel stations or **Lancia Dealerships**.

The instantaneous vehicle position is determined by the GPS system (Global Positioning System) installed on board. The on-board GPS system is fitted with an aerial and a reception module integrated in the I.C.S. system. The system dynamically processes satellite signals, those of a sensor on a wheel and of the gyroscope integrated in the navigation computer.

The Lancia navigation system helps driver while he drives, by suggesting vocally or graphically, the optimum routing to reach his pre-set destination.

IMPORTANT: Navigation system suggestions do not excuse driver from his full responsibilities due to his driving behaviour and to his compliance with road and other traffic regulations.

The responsibility for road safety always lies with vehicle driver, and it falls on him in any case.

WARNINGS

– GPS reception is difficult under trees, among high buildings, in multi-storey car parks, in tunnels and anywhere satellite aerial reception can be hindered.

– The GPS system needs about 15 minutes for activation if it is connected to the vehicle battery.

– The GPS system needs a few minutes to determine the new position of the vehicle if it is turned off and the vehicle is moved with the system off.

– In the lack of satellite information, the system uses the information leading from the gyroscope and from the sensor at the wheel for temporary data analysis.

– The GPS satellite aerial must not be covered with metal or damp objects.

The instantaneous vehicle position is identified in the CD-ROM and shown on the display together with the topographic characteristics of the area memorised on the CD. Access to the data on the CD-ROM requires waiting a few moments in the map displays.

The system constantly compares the data leading from the wheel sensor, the GPS aerial and from the programme to automatically compensate changes in temperature, pressure or any other occurrence which can falsify position detection in any way.

WARNINGS

– Precise self-adjustment of the navigation system requires approx. 50 km of travel the first time and when tyres are changed.

– Continuous lack of grip at the wheels (for example skidding on ice), the system temporarily detects an incorrect position.

– During precision self-adjustment the position is not detected absolutely completely.

The navigation system is managed completely through the I.C.S., therefore the only operations that may be necessary are replacement of the CD-ROM to set the map of another area or an updated map.

Access to the navigation main function page (**fig. 1**) is gained pressing key **18** (NAVI) after turning on. Each time the I.C.S. is turned on a page will be shown with warnings about care in use of the system (**fig. 2**) which, to be able to continue using the system must be confirmed pressing knob **20** or one of the main function keys. This page will no longer be displayed as long as the system is on.

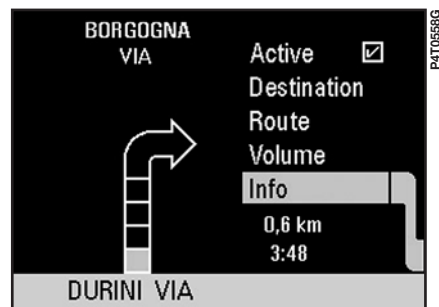


fig. 1



fig. 2

DISPLAY AND FUNCTIONS

- Voice and visual instructions with indications of the distance from the destination.

- Detailed map in different colours and with different scales to clearly show the vehicle position, the route and the destination.

- Customisation of the navigation system with the possibility of entering pre-memorised destinations with road and number.

- Automatic memorising of the last 5 destinations.

- Name of the current road.

- Possibility to choose the route according to personal preference.

- Information about current position.

- Information about arrival times.

- System diagnostics and warnings about possible disturbances.

DRIVE FOR NAVIGATION CD

The navigation CD-ROM is located on the left side of the boot and it has an eject key and two warning lights:

- the upper light on means that the power current is on;

- the lower light on means that the CD-ROM is on;

- the lower light flashing means that the CD-ROM is being changed.

WARNINGS

- The navigation system only works with the CD-ROM inserted in its drive.

- The CD-ROM must be removed and changed only for updating the system software, for updating the map or entering maps relating to another region.

Changing the CD

- When the I.C.S. is turned on the drive upper and lower warning lights are lit.

- Press the eject key.

- The previous CD-ROM is ejected and the lower drive led flashes.

- Insert the new CD-ROM.

WARNINGS

- When the new CD-ROM is inserted the system software is automatically updated to the new map material or to the new functions. During the time required for this operation a stand-by message is displayed. After the updating operation the destination memory is empty.

- The driver is responsible for abiding by current traffic regulations, any instructions on the basis of incorrect maps which induce prohibited driving manoeuvres must NOT be followed.

Software version

The I.C.S. software release number can be checked selecting the MAIN function page (key **15**), then pressing knob **20** for at least 3 seconds (**fig. 3**).

Press knob **20** again to return to the main menu (MAIN).



fig. 3

DESTINATION ENTRY

Entering the destination is obtained selecting "Destination" with knob **20** and pressing to confirm thereby displaying the "Select destination" page with the options "Street address", "Intersection", "Points of Interest", "Destination memory", "Recent destinations" and "Go back" (**fig. 4**).

"Go back"

Selecting "Go back" takes you back to the main page of the navigation functions (**fig. 1**).



fig. 4

Entering the "Street address" field

The option "Street address" displays a new function page for entering the city, street and number, which always show the data concerning the destination calculated last. The same page shows the other functions "Store", "Guidance", "Centre ☐ / ☒

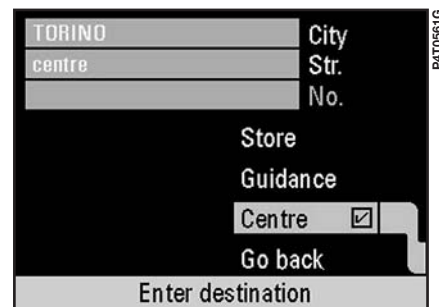


fig. 5

Entering the city name

The city name is entered moving the cursor to “City” with knob **20** and pressing to confirm. On the “Enter city” page (fig. 6) the single characters of the town name are selected with knob **20**. The characters selected are enlarged in the zoom field. The blank space between two characters is obtained selecting “_”.

Quick entry

Each time a character is selected a search takes place for the existence of a city name with the characters entered so far in the memorised list. Only those characters still required still required for completing the name



fig. 6

will then appear for selection. The city field is filled as soon as a city is located from the list.

WARNINGS

- When entering the city name, after entering a few characters, you are advised to select “List” and then the destination directly with knob **20** and activate it. The number shown at the side of the “List” indicates the number of towns in the list with name corresponding to the characters entered up to now in the town field.

- When entering characters the list appears automatically if the character selector knob is pressed for more than 1 second.

“Delete”

The “Delete” function is selected turning knob **20** to the right makes it possible to:

- delete a character pressing for less than 1 second;
- delete the whole entry pressing for more than 1 second.

“OK”

The “OK” function confirms city entry returning to the “Enter destination” function page which now displays the city name.

“Cancel”

With the “Cancel” function you return to the “Enter destination” function page without memorising the data.

Street name entry

The street is entered using knob **20** to move the cursor to “Str.” and confirming. In the “Enter street” page (fig. 7) the single characters of the street name are selected with knob **20**.



fig. 7

The characters selected are enlarged in the zoom field.

WARNINGS

– If the street field is not completed, the navigation system automatically leads you to the centre of the city selected indicating this (Centre ☒).

– The navigation always takes you to the centre in the case of very small towns.

Quick entry

Each time a character is selected a search takes place for the existence of a street name with the characters entered so far in the memorised list. Only those characters still required will then appear for selection. The street field is filled as soon as a city is located from the list.

WARNINGS

– When entering the street name, after entering a few characters, you are advised to select “List” and then the destination directly with knob **20** and activate it. The number shown at the side of the “List” indicates the number of street in the list with name corresponding to the characters entered up to now in the street field.

– When entering characters the list appears automatically if the character selector knob is pressed for more than 1 second.

“Delete”

The “Delete” function is selected turning knob **20** to the right makes it possible to:

- delete a character pressing for less than 1 second;
- delete the whole entry pressing for more than 1 second.

“OK”

The “OK” function confirms city entry returning to the “Enter destina-

tion” function page which now displays the street name.

“Cancel”

With the “Cancel” function you return to the “Enter destination” function page without memorising the street data.

Entering the house number

The house number is entered with knob **20** moving the cursor to “No.” and confirming. In the “Enter house number” page (fig. 8) the options “Delete”, “OK” and “Cancel” are available.



fig. 8

WARNING If the house number field is not completed the navigation system assumes the whole street as destination.

“Store”

The “Store” function memorises the information concerning the address entered with the name you want with knob **20**. The “Store destination” function page brings forward the address, name for store destination, selectable characters, zoom fields and the functions “Delete”, “OK” and “Go back” (**fig. 9**).

The “Store as:” field for the destination to be memorised can have a maximum of 14 characters on which it is possible to act using functions “Delete”, “OK” and “Go back”.



fig. 9

“Guidance”

Selecting “Guidance” with knob **20** starts the calculation of the destination, followed by display of the main navigation page (**fig. 1**).

“Centre ☐ / ☒ ”

Enabling the option “Centre ☒ ” leads to the centre of the city selected. This function is enabled automatically if only the destination city name is indicated. If this option is chosen the system automatically moves the cursor to the “Str.” field in which it is possible to enter the street name.

After entering the name of the street you can choose to be guided to the centre or to the address entered (“Centre ☒ ”), enabling or disabling the “Centre” function with knob **20**.

“Go back”

Selecting “Go back” with knob **20** displays the “Select destination” function page again where a new destination can be entered.

Entering the destination “Intersection”

The option “Intersection” displays a new page for entering the city and two streets, the intersection point of which is the required destination. This page also contains the functions “Store”, “Guidance”, “Centre ☐ / ☒ ” and “Go back” (**fig. 10**).



fig. 10

Entering the city name and first street follow the same procedure as described for entering the address fields, while for the name of the second street simply select the name from the list displayed.

WARNING If the name of the 2nd road is not entered, or is not available in the list, the first road is considered as destination.

Entering the destination “Points of Interest”

With the function “Points of Interest” it is possible to memorise the preferred navigation destinations. Selecting “Points of Interest” a function page is displayed with the items “Traffic”, “Recreation”, “Service”, “Other”, “OK” and “Go back” (fig. 11).

“Traffic”

The option “Traffic” displays a list of destinations of this category (hotels, airports or stations etc.) which can be selected with knob 20. The item selected also appears in the upper window of the function page (fig. 11).

“Recreation”

The option “Recreation” displays a list of destinations of this category (monuments, museums, sport facilities etc.) which can be selected with knob 20. The item selected also appears in the upper window of the function page (fig. 12).

“Service”

The option “Service” displays a list of destinations of this category (mechanical workshops, hospitals, fuel stations etc.) which can be selected with knob 20. The item selected also appears in the upper window of the function page (fig. 13).

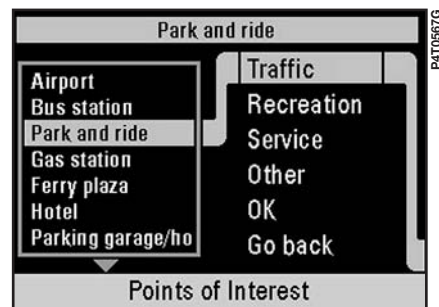


fig. 11

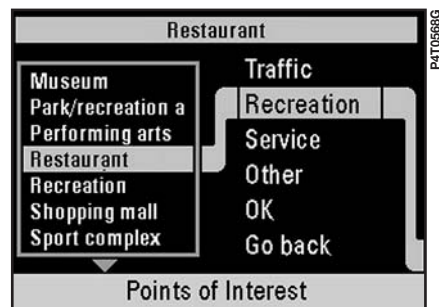


fig. 12

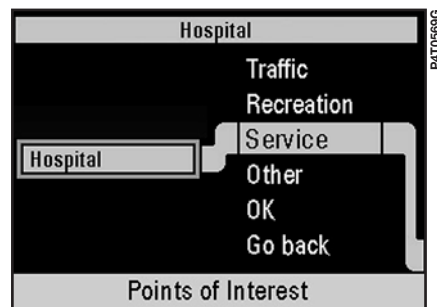


fig. 13

“Other”

The option “Other” displays a list of destinations of this category (firms, city hall etc.) which can be selected with knob 20. The item selected also appears in the upper window of the function page (fig. 14).



fig. 14

Criteria for choosing and selecting the town for points of interest

Confirming the selection of a point of interest, the cursor automatically moves “OK” and confirming displays the “Points of Interest” function page with the selection criteria “Nearest”, “Within a city” and “Go back” (fig. 15).

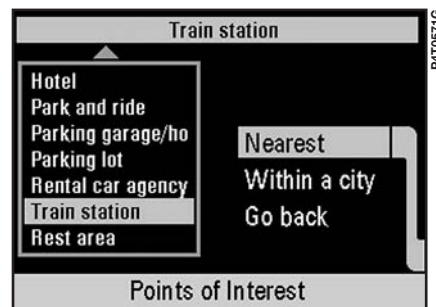


fig. 15

“Nearest”

The option “Nearest” displays:

- a list with the points of interest with growing distance in a straight line in relation to your current position starting from the nearest;
- a field with the city address;
- the street of the selected destination;
- the “Info” function;
- the “Go back” function.

The required destination is selected and activated with knob 20 (fig. 16).



fig. 16

The option “Store” memorises the destination in the destination memory. The option “Guidance” calculates the route then displaying the main navigation page. The option “Go back” takes you back to the previous “Points of Interest” function page.

The “Info” function displays the “Points of Interest - Info” page with information about the points of interest selected (fig. 17). The “☞” symbol is shown only if the telephone number of the point of interest selected is available. symbol is shown only if the telephone number of the point of interest selected is available.



fig. 17

“Within a city”

The option “Within a city” displays the function page “Select city” which makes it possible to seek points of interest in a chosen city. This page contains the entry fields for the city name, usable characters, zoom and the options “Delete”, “List”, “OK” and “Cancel” (fig. 18), which are accessed as described in the paragraph “Entering the Street address field”.

Confirming the selection a list is displayed with the points of interest in alphabetical order among which it is possible to select and activate the required destination with knob 20.



fig. 18

The option “Store” can then memorise the destination in the destination memory. The option “Guidance” calculates the route then displaying the main navigation page. The option “Go back” returns to the previous “Points of Interest” function page.

The “Info ☞” function displays the “Points of Interest - Info” page with information about the points of interest selected (fig. 17). The “☞” symbol is shown only if the telephone number of the point of interest selected is available. The “Call” option makes it possible to directly call the number shown in the information about points of interest selected. “Go back” takes you back to the previous page.

Entering the destination “Destination memory”

The option “Destination memory” displays the function page “Select destination memory” with the list of memorised navigation destinations of up to a maximum of 20 destinations. The same page also contains the options “Delete”, “Select”, “Guidance” and “Go back” (**fig. 19**).

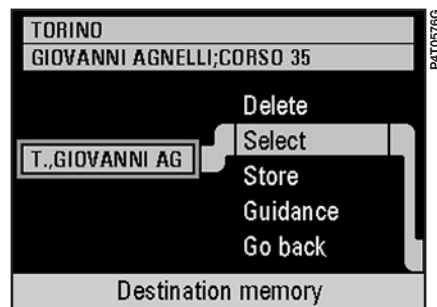


fig. 19

Selecting from the destination memory

The option of the destination memory takes place selecting the destination through knob **20** and pressing it to confirm. The screen also displays the data about the address and destination for the destination selected. Then selecting “Guidance” starts calculation of the route and it is possible to move to the navigation function page with the arrows.

The option “Go back” takes you back to the previous function page.

Deleting items from the destination memory

Deleting items from the destination memory takes place selecting the destination with knob **20** and pressing it to confirm. The highlighted destination is deleted selecting “Delete”.

“Yes” (confirm)

The delete operation is protected against accidental actions asking whether you really intend to proceed. Choosing “No” takes you back to the last function page (**fig. 20**).

WARNING If the destination memory already contains 20 items, to enter new destinations it is necessary to delete an item from the existing list. In this case the system shows the warning “Destination memory complete! Clear one item!”.



fig. 20

Entering the destination “Recent destinations”

The option “Recent destinations” displays the “Select recent destinations” function page with a list of the last 5 destinations entered with the options “Delete”, “Select”, “Store”, “Guidance” and “Go back” (fig. 21).

The destinations are selected and deleted as described in the paragraph “Entering the destination Destination memory”.



fig. 21

ROUTE SELECTION CRITERIA

The criteria selection function makes it possible to affect route calculation according to determinate parameters. The “Select route criteria” screen (fig. 22) is accessed from the main navigation function page (fig. 1) selecting “Route” with knob 20. The selection made remains active for each subsequent calculation until the criteria are modified again. The following possibilities of choice are offered:

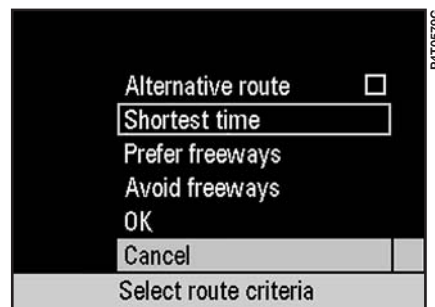


fig. 22

“Alternative route”

This selection accesses a screen with the following functions:

“Current way” ☐ / ☒

This maintains the route settings pre-selected automatically by the navigation system. If no alternative route is selected the item selected is (“Current way ☒”).

“Next ... km” ☐ / ☒

This can select an alternative route for a number of kilometres to be selected, starting from the current position, using knob 20 and pressing it to confirm. The interval between the km of route changing depends on the distance from the chosen destination. When the function is selected the symbol \S is displayed on the main menu (fig. 1) after the item “Route” to highlight the choice.

“Special route”

With this you select an interval of roads to be avoided on the route to destination. The I.C.S. system offers the possibility of selecting the first and last road from a list of possibilities. This way the alternative route is calculated and the symbol \S is displayed on the main menu (**fig. 1**) after “Route”.

“OK”

The function confirms the choice made.

“Cancel”

Selecting “Cancel” the data are not saved and the previous menu is displayed.

“Shortest time”

This allows you to reach your destination as fast as possible.

“Prefer freeways”

This considers the use of freeways in calculating the route.

“Avoid freeways”

This considers the less possible use of freeways.

“OK”

Pressing “OK” activates the function selected.

“Cancel”

This takes you back to the main navigation page (**fig. 1**) without activating any criteria in calculating the route.

DESTINATION GUIDANCE AND ORIENTATION HELP

Guidance to destination takes place through voice instructions accompanied by graphic representation of the recommended directions to follow and an arrow showing the direction of the destination.

Voice instructions

The voice instructions guide you to destination advising you in time of all the manoeuvres to be carried out, and in particular first the manoeuvre is announced and then detailed instructions are provided to which access is possible through the RPT key **23**.

Graphic instructions

On the main navigation page, and on the MAIN page, the bar arrows display all the manoeuvres to be accomplished. The shape of the arrow represents the next manoeuvre/turn left, right, straight on or turn back. The name of the next road to follow is shown above the arrow while the current one is shown under the arrow.

The distance from the next manoeuvre is also indicated highlighting your progress with the gradual filling of the bar arrow. Therefore the clearer the arrow, the nearer you are to performing the suggested manoeuvre (fig. 23).



fig. 23

Map representation

Pressing the MAP key **25** it is possible at all times to move to the colour map page, where the vehicle is shown with a triangular arrow with the tip pointing in the direction of travel (fig. 24). In the more complex indications, a yellow arrow will show the direction to be followed. The destination to be reached is always shown by a red cross while the items of the route: roads, rivers, railway lines are shown with coloured lines. A pop-up menu on this page makes it possible to activate the functions “Zoom +”, “Zoom -”, “Curr. position”, “Destination”, “Heading up”, “North up” and “Pictograph ☐” (fig. 25), which can be called pressing knob **20** each time.



fig. 24

“zoom +”

Selecting “Zoom +” enlarges the visible area of the map and the unit of measurement is shown in the lower window of the monitor (among 50 m, 100 m, 200 m, 500 m, 1 km, 2 km, 5 km, 10 km, 20 km, 50 km and 100 km).

“zoom -”

Selecting “Zoom -” the visible area of the map is reduced.

WARNING Enlarging the visible area of the map is also possible turning knob **20** to the right and reduction turning to the left.

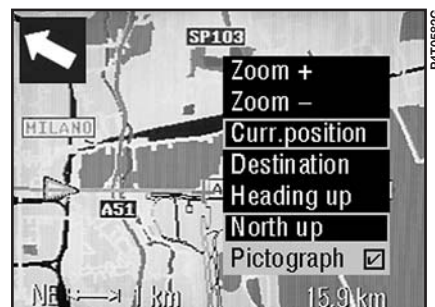


fig. 25

“Curr. position”

Selecting “Curr. position” the visible map area is taken to the current position in relation to the car.

“Destination”

Selecting “Destination” displays the visible area of the map of the destination and the destination is shown by a red cross.

“Heading up”

Selecting “Heading up” the visible area of the map is shown with the upper edge of the monitor indicating the direction of travel (for scales up to 1 km).

“North up”

Selecting “North up” the visible area of the map is shown with the upper edge of the monitor indicating north (for each scale).

“Pictograph” ☐ / ☒

Activating this function (“Pictograph ☒”) is highlighted with a white arrow in a box at the top of the display, showing the direction of the destination. When you are near your destination, the arrow is coloured.

Travelling on a road not memorised on the navigation CD-ROM, with guidance to destination activated, you will receive a voice message that the “Route is in the direction indicated”. In these conditions, and until you find the suggested route, the main navigation page or the MAIN display show the name of the road and the arrow indicating the direction towards the start of the recommended route.

If the vehicle is outside the territory on the navigation CD-ROM, confirming “Guidance”, appears on the main navigation page and on the MAIN display will show the warning “Route calculation impossible: vehicle off map”.

VOLUME CONTROL

Volume adjustment is obtained selecting “Volume” with knob **20** and using the bar regulator (**fig. 26**). To end adjustment press knob **20**. The voice instructions for controlling the volume are repeated cyclically. During a voice instruction the volume can also be changed with knob **14**.

The voice instructions can also be accessed again pressing the RPT key **23**.

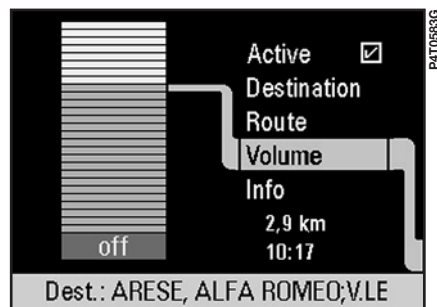


fig. 26

INFORMATION PAGE

This function can be used to access the “Navigation info” page which is subdivided into 3 sectors, with the current navigation data (**fig. 27**).

Upper area

- distance to destination, with guidance to destination activated;
- destination name;
- or
- warning “No destination”.



fig. 27

Centre area

- current position of car;
- town/road;
- latitude (N/S) and longitude (E/W) in degrees (°), minutes (') and seconds (").

Lower area

Satellite reception data x sat./yD-GPS where:

- x number of receivable satellites (from 0 to 6);

- y positioning (0, 2 or 3)

0D-GPS: positioning impossible

2D-GPS: at least 3 satellites are receivable for bidimensional positioning

3D-GPS: at least 4 satellites are receivable for three-dimensional positioning.

The option “Go back” allows you to go back to the main navigation page.

INDICATION OF DISTANCE FROM DESTINATION AND ARRIVAL TIME

The indication of the distance from destination and the calculated arrival time is displayed on the main navigation page under the option “Info” (**fig. 1**). The exact calculation of the distance from destination is only shown at the end of processing, otherwise an estimated value is given.

ACTIVATING/DEACTIVATING THE NAVIGATION FUNCTION

Activation of the navigation function (Active ☒) enables the guidance to destination function with which it is possible to completely enter the destination before calling for the navigation help you require.

WARNING Each time guidance to destination is enabled or disabled a new route calculation is made for the current destination.

ON-BOARD COMPUTER (TRIP)

GENERAL INFORMATION.....	69	REQUEST FOR STATISTICAL DATA.....	69
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GENERAL INFORMATION

The on-board computer (TRIP) provides a series of helpful data such as average consumption, distance from destination or foreseen arrival time. Through the computer the contrast, language, etc. can also be personalised. The main TRIP function page (fig. 1) is accessed pressing TRIP key **19**.

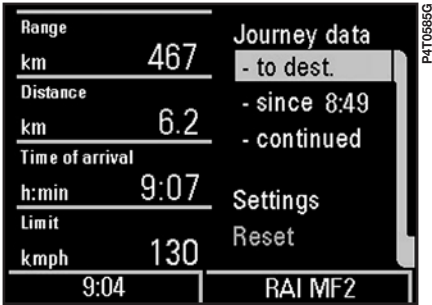


fig. 1

FUNCTIONS

- residual autonomy, consumption, average speed, distance from destination, foreseen arrival time, speed limit with visual and acoustic warning if the pre-set speed limit is exceeded;
- setting the language, unit of measurement for consumption, distance, date and time, monitor characteristics;
- display of time, information on audio or telephone.

REQUEST FOR STATISTICAL DATA

Statistical data is requested highlighting the data required with knob **20** and pressing to confirm.

“Journey data to destination”

The statistics to destination given by the computer are:

- calculation of residual autonomy on the basis of average consumption and fuel tank contents;
- calculation of the distance from destination in relation to the current position;
- calculation foreseen arrival time on the basis of the distance from destination and average speed;
- visual and acoustic warning of maximum speed limit in relation to the pre-set value.

WARNINGS

– The distance from destination and arrival time are available with the navigation system guidance to destination activated.

– System ceases indicating residual endurance for values less than 50 km (dashes are displayed in lieu of km endurance values).

– In case of refuelling with fuel pilot lamp on, system will update residual endurance, when the key is turned to **MAR**, at the end of refuelling, only if fuel tank contents are equal to or exceed 1/4 of its capacity (15 litres). In case of lower refuelling quantities, residual endurance display will remain the same as before refuelling.

“Journey data since hh:mm” and “Journey data continued”

Statistics are available (**fig. 2**) concerning:

- travel time from last reset;
- route covered from last reset;
- average speed from last reset;
- average consumption from last reset.

Resetting statistics

Selecting the “Reset” function pressing knob **20** for more than 1 second, it is possible at all times to start calculation of “Journey data from hh:mm” or “Journey data continued” again. “Journey data from hh:mm” are also reset automatically after a vehicle halt, with the ignition key removed, for over 2 hours.



fig. 2

I.C.S. SYSTEM SETTINGS

Current I.C.S. system set-ups are displayed by selecting and confirming from “set-up” by means of knob 20 on the main page of TRIP (On board computer - **fig. 2**), one at a time, the seven selection elements available (“language”, “consumption”, “distance”, “limit”, “day/hour”, “monitor” and “return”) and amending them according to own requirements (**fig. 3**).

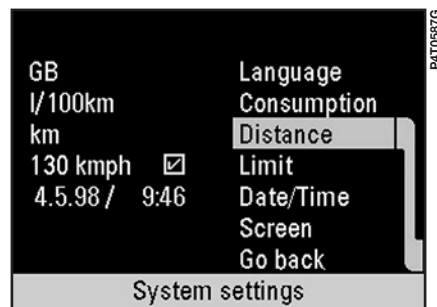


fig. 3

Language

The language can be selected with knob 20 choosing between German (D), English (GB or USA), Spanish (E), French (F) and Italian (I) (**fig. 4**).

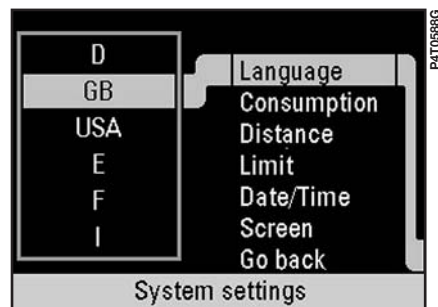


fig. 4

Selecting a different language than the current one the following warning is displayed:

“It takes approximately 3 minutes to change over the voice output. The navigation system cannot be used in this period. Do you want to change over the language?” and you are offered the possibility to accept or refuse your choice (**fig. 5**).

If you confirm that you want to change language the texts change immediately and the voice navigation instructions change after about 3 minutes, otherwise, if you refuse, you return to the current language.

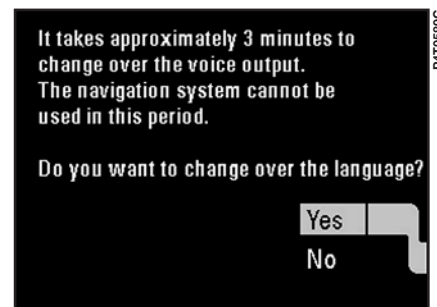


fig. 5

Consumption

In “Consumption” it is possible to use knob **20** to select the units of consumption (**fig. 6**):

- km/l: kilometres per litre
- l/100 km: litres per 100 kilometres
- mls/gal (US): miles per US gallon
- mpg (UK): miles per UK gallon.

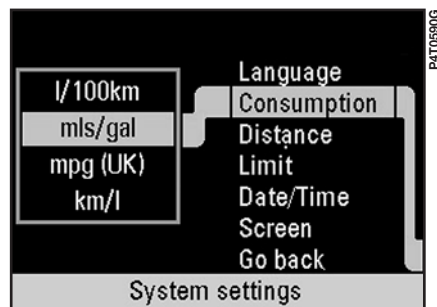


fig. 6

Distance

In “Distance” it is possible to use knob **20** to select units of linear measurement (**fig. 7**):

- km: kilometres
- mls.: miles.

Limit

In “Limit” it is possible to use knob **20** to set the speed limit beyond which the system gives a visual and acoustic signal for approx. 3 seconds (**fig. 8**).

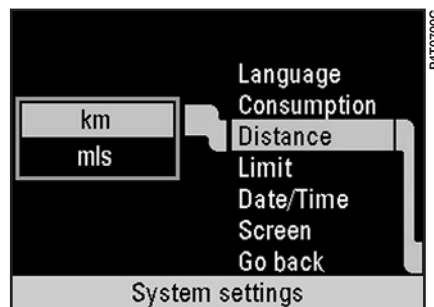


fig. 7

Limit setting

The “Limit speed” is set turning knob **20** left to lower the speed limit or right to increase it. Depending on the speed with which the knob is turned the value is increased in steps of 1, 5 or 10 km/h (or mph). The end of the setting operation is confirmed pressing knob **20** again and the speed limit is activated immediately.

“Go back”

The function “Go back” takes you back to the I.C.S. system setting function page.



fig. 8

Date/time

Clock settings are obtained by selecting and confirming the relevant page by means of knob **20** (fig. 9).

“Time offset”

The option “Time offset” displays the difference between Greenwich GMT (= Greenwich Mean Time) and the CET (Central European Time), GMT, ATLANTIC, EASTERN, CENTRAL, MOUNTAIN and PACIFIC time zones.

“Summer”

The option “Summer” makes it possible to activate and deactivate summer time with knob **20**.

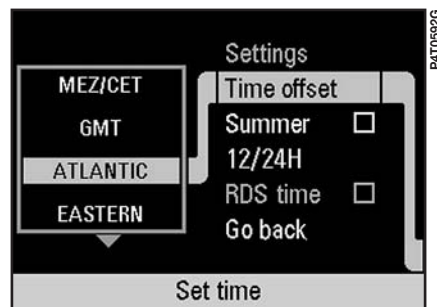


fig. 9

“12/24H”

The option “12/24H” makes it possible to indicate the time with the 12 or 24 hour system.

“RDS time”

Function currently not available.

“Go back”

The option “Go back” takes you back to I.C.S. setting function page.

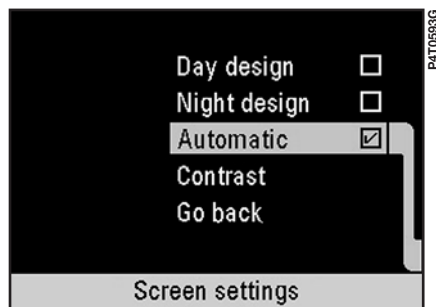


fig. 10

Screen setting

The option “Screen” makes it possible to use knob **20** to set the display according to your requirements (fig. 10).

Selecting “Automatic” (Automatic ☒) the monitor colours adapt automatically to day or night conditions depending on the vehicle lighting. It is also possible to select “Day design” or “Night design” (Day design ☒/ Night design ☒) to select the set of matched colours.

The option “Contrast” allows you to change the monitor contrast. This is adjusted by a bar regulator (fig. 11) which can be set turning knob **20**.

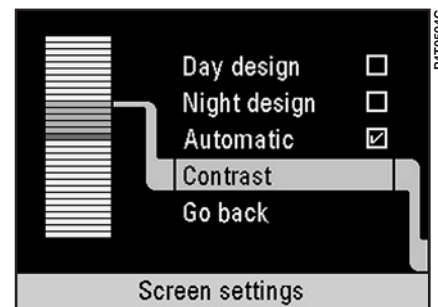


fig. 11

STATUS MESSAGES, GENERALITIES AND TECHNICAL INFORMATION

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STATUS MESSAGES - TROUBLESHOOTING

The following list shows the messages that may appear on the I.C.S. display and the corresponding functions or causes not mentioned previously.

Message

Your card is now unusable! Contact your network operator.

Card blocked! Copying operation interrupted (merge operation interrupted).

Card blocked! Operation interrupted.

SIM card faulty!

Warning: highest telephone module temperature reached. Stop phoning!

Warning: telephone function deactivated because maximum operating temperature exceeded: telephone ready after cooling.

With this card it is not possible to deactivate PIN query.

Changed password for preclusions.

PIN modified.

Function/cause

A wrong SUPER-PIN has been entered 10 times.

In the copying or merge operation a wrong PIN number has been entered 3 times.

In the PIN query/modify function a wrong PIN number has been entered 3 times.

The SIM card is faulty.

The maximum temperature for the telephone function has been reached.

The operating temperature in the telephone module exceeds the allowed limit.

An attempt has been made to deactivate PIN query with a card that does not have this function.

The password has been changed for preclusions.

The PIN has been modified.

Message

IMEI: no.

Not happened!

Tel. number not valid.

Temperature out of allowed zone.

Insert navigation CD!

Language update.

Software updating.

Function/cause

IMEI query.

The function for transferring or preclusion can not be performed, e.g. if the preclusion function has not yet been made operational by the network operator.

The telephone number is not valid e.g. if it contains special characters or if it does not exist.

The operating temperature in the navigation module is higher or lower than the allowed value.

Appears after CD eject (pressing eject key) or if your I.C.S. is turned on without navigation CD.

Moving to another language or after inserting a new CD the language memory may be updated.

After entering a new CD the system software may be updated.

Message

CD read error! Check CD!

Wrong CD.

CD unknown.

Multiple CD read error.

CD inserted wrong way.

Navigation system start.

Function/cause

Possible cause: Remedy:

CD dirty Clean the CD

CD scratched Change the CD

CD damp Wait

CD inserted wrong way Turn the CD

Possible cause: Remedy:

CD scratched Change the CD

Wrong CD Insert the original Lancia CD

CD scratched Change the CD

CD dirty Clean the CD

CD damp Wait.

Press the eject key and turn CD over.

Wait for the navigation system to be completely operational.

Problems

IN GENERAL

Dark monitor

Possible causes

- the LIGHT key has been pressed or
- the car battery is almost flat (if the I.C.S. is working without the engine running)

Elimination

- press the “LIGHT” key again
- charge the battery

Display almost illegible

- incorrect monitor settings

- change the contrast (using the TRIP function: settings/monitor/contrast)

AUDIO

Station key not memorised with station name

- the broadcaster occasionally transmits additional information
- poor reception when memorising (the frequency is indicated)
- the broadcaster does not transmit RDS information (the frequency is indicated)

- memorise again when the broadcaster transmits the name

The broadcaster memorised cannot be recalled through the station key

- the broadcaster is not receivable at the moment

Poor cassette playing quality

- head dirty

- use a cleaner cassette

CD player not working

- CD inserted wrongly or loader empty or
- loader empty or
- loader missing

- insert the CD correctly with the loader

Problems

TELEPHONE

Telephone function active, but impossible to phone

Possible causes

- operative disable or
- insufficient field intensity or
- you are in an area in which you cannot access the network, e.g. due to network overload

Telephone function is active, but you do not receive calls

- operative disable or
- operative transfer

Elimination

- deactivate the disable function
- try later
- try later
- deactivate the disable function
- deactivate the function for transferring

GENERALITIES

Important numbers for the I.C.S. telephone

We advise you to note some important numbers that may be helpful to you:

IMEI serial number:

.....
.....

your SIM card number:

.....
.....

the phone number of your I.C.S. phone:

.....
.....

phone number of your network provider:

.....
.....

Loss of the SIM card

If you lose your SIM card notify your network provider immediately.

CD-ROM road map for the I.C.S. navigation system

The basis for the I.C.S. navigation system is a road map digital on CD-ROM.

Attached with the navigation CD-ROM you will find the information about the availability of other road maps and the instructions for receiving future updates.

Lancia Integrated Control System (I.C.S.) - Controls and functions

1, 2, 3, 4, 5, 6: keys for memorising stations from 1 to 6

function:

in radio mode

– pressing for less than 2 seconds: selecting memorised stations

– pressing for more than 2 seconds: memorising current station respectively with the corresponding name or frequency on this station (acoustic warning: brief lowering of the volume)

– pressing for more than 10 seconds: memorising the current station with fixed frequency (also in the presence of a chain of RDS stations) on this station key (acoustic warning: two brief lowerings of the volume, “F xxx Mhz” appears)

in CD mode

selecting the CD in the loader (max. 6 CDs)

7, 9: function source switch key

function:

switching between cassette player (“CC”) CD loader (“CD”)

8, 10: band switching key

function:

switching radio band

– between FM and UKW with the “FM” key

– for MW with the “AM” key

11, 12: seek key

function:

in radio mode:

– pressing for less than 2 seconds: station seeking according to a growing/decreasing sequence (arrow to right/left)

(it stops on the next receivable station)

– pressing for more than 2 seconds: “Scan”

each station is heard briefly

(pressing again it stops)

in CD mode

– pressing for less than 1 second: moving to another title forward/backward (arrow to right/left)

– pressing for more than 1 second: fast forward/fast rewind (arrow right/left)

in CC mode

– fast forward/fast rewind (arrow to right/left)

– pressing again: play back

13: receiver key

function:

– accepting calls

– dialling the phone number chosen

– end of conversation

14: volume control (with key function)

function:

turning right/left:

turning the volume up/down

pressing:

– if the ignition is off: I.C.S. on/off (automatic deactivation after 20 minutes of operation)

– if a traffic message is in progress: interruption of the message

– if the ignition is turned on: standby function (monitor darkened, telephone ready to receive, guidance system deactivated)

– “reactivate” pressing again

– if the phone rings: call not accepted

15, 16, 17, 18, 19: main function keys/display

function:

screen selection MAIN and following

functions TEL (cellular phone), AUDIO (sound system), NAVI (navigation system) and TRIP (on-board computer).

20: knob

function:

turning

– in general: turning respectively right or left: selection indicator down/left or up/right

– in the function pages with other boxes of letters/digits: movement of the selection indicator in the direction corresponding to rotation

– if only a section of map is shown (without options): turning respectively left or right: the map section is enlarged or reduced

pressing

– in general: performance of the highlighted functions or selection of options or list items

– if only a section of map is shown (without options): new options appear

22: SOS key

function:

immediate emergency call dialling (also if the SIM card is not inserted) with vehicle position co-ordinates

23: RPT key

function:

repeats the last navigation voice instruction with the updated data

24: telephone card eject key

function:

ejects the SIM telephone card

25: MAP key

function:

the “map display” function page comes on and off

26: LIGHT key

function:

– darkening the I.C.S. monitor and lighting (anti-glare function)

– pressing again: the last function page selected appears

27: change direction key

function:

changes the direction of the tape

29: cassette eject key

function:

– ejects cassette

TECHNICAL INFORMATION

FM reception parameters

Sensitivity (26 dB)	$\leq 6 \text{ dB}\mu\text{V}$
S/N ratio (Signal/Noise) at 60 dB μV	$\geq 60 \text{ dB}$
Limit level at -3 dB	7 dB μV
MW suppression at 16 dB μV	$\geq 28 \text{ dB}$
MW suppression at 60 dB μV	$\geq 50 \text{ dB}$
Selectivity $\pm 200 \text{ KHz}$	$\geq 46 \text{ dB}$
Channel separation at 60 dB μV	$\geq 36 \text{ dB}$
Frequency response	10 KHz
RDS sensitivity	$\leq 24 \text{ dB}\mu\text{V}$

MW reception parameters

Sensitivity limited by noise at -10 dB	38 dB μV
S/N ratio (Signal/Noise) at 74 dB μV	$\geq 45 \text{ dB}$
Loss of sensitivity at --3 dB	$\geq 90 \text{ dB}\mu\text{V}$
Quality at -10 dB	27 dB μV

Cassette player**

Tape speed	4,76 cm/sec
Minimum tolerance:	—
Maximum tolerance:	–1% / +3%
S/N ratio (Noise/Signal) without Dolby	≥ 50 dB
S/N ratio (Noise/Signal) with Dolby	≥ 54 dB
Frequency response	
Minimum:	63 - 12500 Hz
Typical:	50 - 16000 Hz
Channel separation	≥ 38 dB

** Values recorded with temperature 20° - 30°C

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