

Introduction

This Jaguar navigation system assists the driver by providing a route to a selected destination. Guidance is given by means of audible instructions (voice guidance), complemented by map and turn information which is displayed on an LCD display on the front panel of the unit. Digital map information is held on a digital versatile disc (DVD), which is loaded into the navigation control unit housed in the luggage compartment.

The system has an extremely comprehensive range of features, yet is easy to use. Some time spent reading this handbook will ensure that the best results are obtained.

The LCD display provides full information for operating the system by means of menus, text screens and map displays. Screen selections are made by the controls on the front panel.

How the system works

The system uses signals from the Global Positioning System (GPS) satellites, which allow the approximate vehicle position to be calculated. This is combined with information from vehicle sensors and data from the map DVD to establish the true vehicle position.

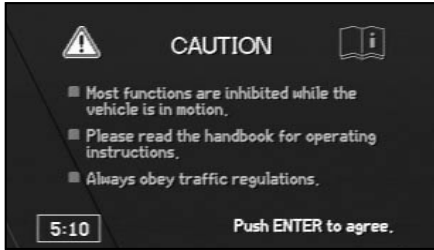


WARNING:

- 1. The database reflects reality as existing before you received the database and it comprises data and information from government and other sources, which may contain errors and omissions. Accordingly, the database may contain inaccurate or incomplete information due to the passage of time, changing circumstances, and due to the nature of the sources used. The database does not include or reflect information on – inter alia – neighborhood safety; law enforcement; emergency assistance; construction work; road or lane closures; vehicle or speed restrictions; road slope or grade; bridge height, weight or other limits; road or traffic conditions; special events; traffic congestion; or travel time.**
- 2. Only operate, adjust or view the system when it is safe to do so.**
- 3. While the route is being calculated, the screen may show one of the following warnings, which must be observed:**
 - ‘Destination is located on a restricted road. Please follow traffic regulations. Push ENTER to continue.’
 - ‘Destination is located on a restricted or private area. You may need permission. Push ENTER to continue.’

1-2 Introduction and controls

Using the system



Safety information

This road safety caution screen is displayed the first time that ENTER is pushed after switching on the ignition.

The ENTER button is pressed while the analogue clock is displayed.

The road safety caution screen gives the following information:

- **Most functions are inhibited while the vehicle is in motion.**
- **Please read the handbook for operating instructions.**
- **Always obey traffic regulations.**

To use the system, push ENTER again.

Caution: If the system is used for an extended period of time with the vehicle stationary, ensure that the engine is running, to avoid draining the battery.

For best results, always use the latest version of the map DVD (navigable map database). Map information is regularly updated, but all areas are not necessarily covered to the same level of detail. Some areas, in particular private roads, may not be included on the database (non-digitised roads).

While driving under route guidance, only follow an instruction when it is safe to do so, as the system cannot be aware of changing conditions, for example turn restrictions, roadworks or diversions. Use voice guidance as much as possible, and only view the display when driving conditions permit.

About this handbook

This handbook shows the on-screen menus, explains how to operate the controls, and gives an example showing how to set a destination. After becoming familiar with the controls, follow the on-screen menus and prompts, to operate the system as required.

To find a particular menu, use the menu structure on the card supplied with this handbook. This information is repeated on page 2-6.

Note: Throughout the handbook, the expression 'Select an item' (or similar wording), means 'Highlight the item using the joystick, and push ENTER'.

Using the system (continued)

Reception of GPS signals

GPS signals are highly directional and reception may occasionally be interrupted. Some examples of situations likely to cause problems are shown below:

- Inside tunnels.
- Inside buildings.
- Roads under raised highways.
- Densely tree-lined roads.
- Forest roads between mountains.
- Between tall buildings.
- Roads under cliffs.
- Metal objects placed on the rear parcel shelf.
- Fitting material to the rear screen containing metal foil.

Errors in vehicle position

Under certain driving conditions, it is possible that the vehicle position shown may be incorrect. Some examples are shown below:

- When the vehicle is transported by ferry or train.
- After vehicle battery removal or supply fuse failure.
- After the vehicle has been rotated on a turntable.
- Where there are two roads parallel to each other.
- Elevated roads in proximity to other roads.

The position will usually be corrected automatically. If the problem persists, consult your Jaguar dealer.

Route guidance precision

Under certain driving conditions, it is possible that the route guidance may be inaccurate. Some examples are shown below:

- Deviation from a route may cause incorrect guidance until the route has been recalculated.
- Route guidance may be given where no turn is required.
- If there is no road, or only a narrow track, to the final destination, guidance will be given to the nearest point possible.
- No guidance is given while reversing.
- If driving at high speed or on very dense road networks, it may not be possible to recalculate the route in time for the next instruction.
- On familiar roads, personal route preferences may not always be followed.

1-4 Introduction and controls

Using the system (continued)

Jaguar dealership locations

Details of Jaguar dealerships are held on the map DVD as a point of interest (POI) category. Certain dealers may be located in areas that are not fully mapped on the DVD. If a route is set to one of these dealers, guidance will only be possible to the nearest city centre, and a warning message will be displayed.

Map DVDs

To use the system in other countries or geographical areas, obtain the appropriate map DVD from your Jaguar dealer.

Screen cleaning

For approved screen cleaners, see your Jaguar dealer.

Clocks

The start-up screen shows a large (full screen) analogue clock.

The time is also shown as a small digital clock on the system screens in 12-hour format, except while a menu or text screen is being displayed.

The correct time is maintained automatically from the GPS satellite signals and no manual adjustment is required.

Note: Ensure that the time zone and summer time settings are correct for the current vehicle location and time of year. See **Setup menu** on page 3-7.

Languages and distance units

The language used for the on-screen text and voice instructions can be selected from the list of available languages, see **Setup menu** on page 3-7.

Distances are shown on the screen either in imperial units (miles and yards), or in metric units (kilometres and metres). The distance units used are selected with the language. UK English has imperial units, and all the European languages have metric units.

Estimated time to destination

When a route is calculated, the estimated time required to drive the route is determined. This is based on the vehicle travelling at the speed limit applicable to each of the roads forming the route. While under guidance, the estimated time remaining is shown on the screen.

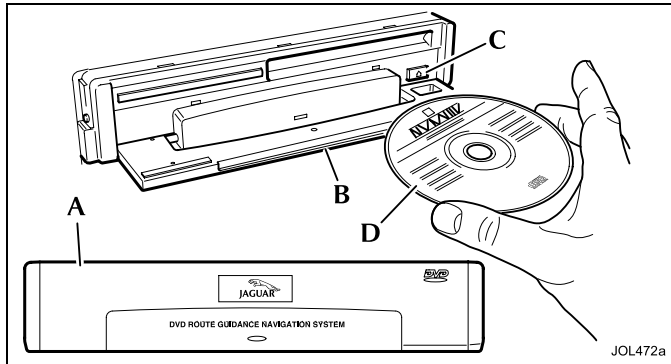
City name lists

For each city area, the first entry shows the city name only, and covers only the areas not included under the district entries. The subsequent entries show the city name followed by a district (suburb, industrial estate, town or village) within that city area, shown in brackets.

Road junction layouts

The layout of complex road junctions may sometimes be shown in a simplified form.

Using the system (continued)

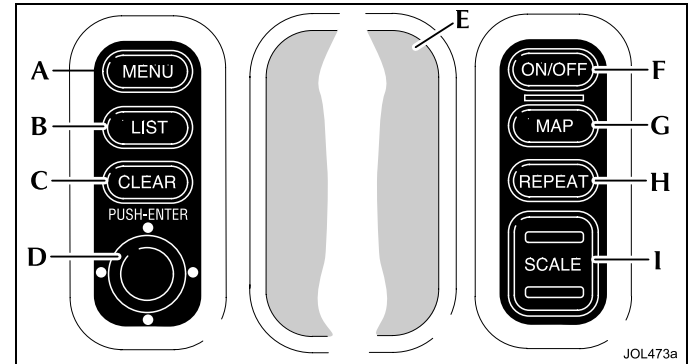


Loading the map DVD

Note: The ignition must be switched on (position 'I').

1. Locate the navigation unit (A), on the right-hand side of the luggage compartment above the sound system CD player.
2. Open the front cover (B), using the recess on the top edge.
3. If a DVD is already loaded, push the eject button (C).
4. Load the DVD with the printed side upwards (D). Do not allow moisture or foreign objects to enter the slot.
5. Close the front cover (B).

Note: Should an audio CD be loaded into the unit (and vice versa) no damage will be done but the system will not operate.

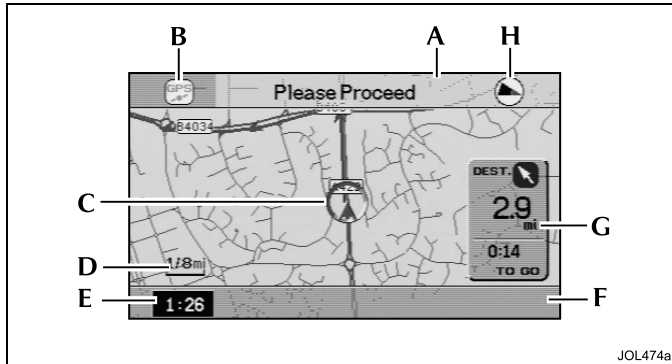


Control panel

- A. MENU button
- B. LIST button
- C. CLEAR button
- D. Joystick and ENTER button
- E. LCD display
- F. ON/OFF button
- G. MAP button
- H. REPEAT button
- I. SCALE control

1-6 Introduction and controls

Screen displays



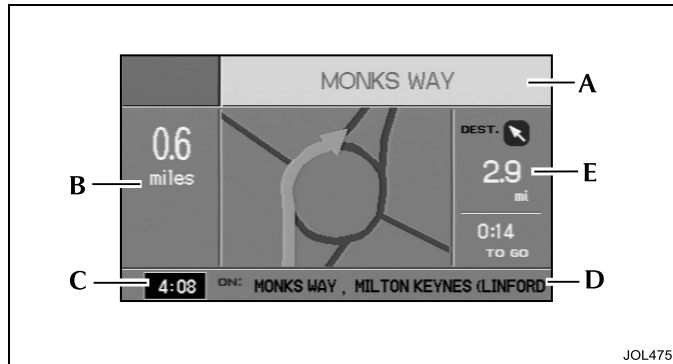
Map screens

A typical map display is shown, with a key to the main items of information:

- A. **Upper message area** – While under guidance, shows the next street name on the route, or a text prompt. After driving off, the next turn symbol is displayed to the left of the text. (At the end of a route the destination symbol is displayed.)
- B. **GPS symbol** – Indicates that the system is receiving information from GPS satellites. The symbol will be displayed in one of three colours: red, green or grey. See **GPS Information** on page 3-11.

- C. **Map position markers** – The map indicates the current vehicle position (navigation symbol). If the map is scrolled, the cross-wire marker is displayed. While the system is in use various markers are displayed, see **Screen symbols** on page 1-8.
- D. **Map scale** – Indicates the current zoom level. The scale length represents a distance of from $\frac{1}{20}$ mile to 100 miles (100 metres to 200 kilometres).
- E. **Clock** – The time is displayed in 12-hour format.
- F. **Lower message area** – Shows details of the current vehicle location.
- G. **Destination information** – While under guidance, shows the estimated time and distance to the end of the route, and the destination heading.
- H. **Map orientation symbol** – Indicates that the map is displayed with either north or vehicle heading to the top of the screen.

Screen displays (continued)



Arrow view screens

While under guidance, the route instructions can be displayed in diagrammatic form. A typical display is shown, with a key to the main items of information:

- A. **Upper message area** – Shows the next street name on the route.
- B. **Distance to turn** – Indicates the distance to the next turn on the route. At 500 yards (500 metres) before the turn, the count-down bar graph is displayed.
- C. **Clock** – The time is displayed in 12-hour format.
- D. **Lower message area** – Shows details of the current vehicle location on the route.
- E. **Destination information** – Shows the estimated time and distance to the end of the route, and the destination heading.

1-8 Introduction and controls

Screen displays (continued)

Screen symbols

The screen symbols used by the system are explained below:



Navigation symbol – Indicates the current vehicle position and heading.



Cross-wire marker – This symbol is displayed when the map is scrolled to select a destination or point (map cursor location).



Destination symbol – Indicates the current route destination.



Destination heading symbol – Shows the current compass heading to the route destination. (A typical example is shown.)



Next turn symbol – Shows the action to be taken at the next manoeuvre point on the route ahead. (A typical example is shown.)

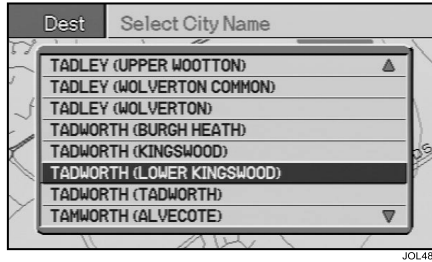


North up symbol – Indicates that the map is displayed with north to the top of the screen.



Heading up symbol – Indicates that the map is displayed with the vehicle heading to the top of the screen. The position of the pointer indicates the direction of north on the map.

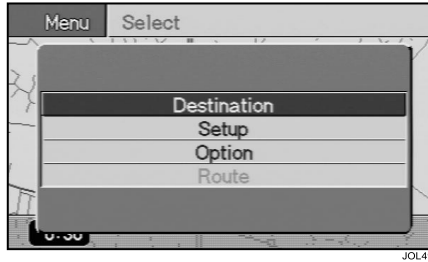
Screen displays (continued)



Scrolling indicators

The vertical indicators, when displayed at the right-hand side of a text screen, show that further pages of information are available. The information can be displayed as follows:

- Use the SCALE control (up/down) to display a page (previous/next) of information.
- Use the joystick (up/down) to scroll through the information.



Menu screens

The screen shows the list of menu items. Highlight the menu item required using the joystick (up/down) and push ENTER. (If the desired menu item is not displayed, scroll the screen as required.)

If a menu item cannot currently be selected, it is shown shaded out.

The complete menu structure is shown on the card supplied with this handbook. This information is repeated on page 2-6.

1-10 Introduction and controls

Using the controls



Joystick and ENTER button

Joystick – The joystick has eight movements (up/down, left/right, and diagonal), and has the following functions according to the screen currently displayed:

- Highlights menu items, setup options and text items (up/down).
- Character and number input (up/down, left/right, and diagonal).
- Scrolling map position (up/down, left/right, and diagonal).

ENTER button – Push the top of the joystick. This has the following functions:

- Selects the highlighted menu item, setup option or text item.
- After scrolling the map, shows the map cursor location details highlighted in a text box. (Push ENTER again to select, see **Confirm Destination** on page 4-1.)



CLEAR button

The CLEAR button has the following functions according to the screen currently displayed:

- Returns to the previous menu, character input or text screen.
- Push and hold for two seconds to change the map orientation (north or vehicle heading to top of screen).



LIST button

Lists the turn information for the calculated route.



REPEAT button

While under guidance, repeats the last audible instruction. If the manoeuvre point has been passed, the audible instruction for the next manoeuvre point will be heard.



MENU button

Displays the main menu (Destination, Setup, Option and Route). Highlight the option required using the joystick (up/down) and push ENTER.



ON/OFF button

Push ON/OFF at any time to turn the screen off. The system continues to operate and to monitor vehicle position.

Push ON/OFF again to turn the screen back on. (The road safety caution screen is only displayed when the ignition is switched on.)

Note:

1. While under guidance, a prompt is displayed when the system is turned back on. See **Continue Trip** on page 4-1.
2. The audible instructions are not turned off. (To mute the audible instructions, see **Volume adjustment** on page 1-11.)

Using the controls (continued)


 MAP

MAP button

The MAP button has the following functions:

- Returns to the map display, showing the current vehicle position, from any other screen.
- After scrolling, returns the map display to the current vehicle position.
- While under guidance, toggles between map and arrow view.



SCALE control

The SCALE control (up/down) has the following functions:

- Changes the scale (reduce/enlarge) when a map screen is displayed.
- Displays more pages (previous/next) of text information when the scrolling arrows are displayed at the top or bottom of the screen.

Volume adjustment

Note: These controls are on the sound system control panel.

The sound output during voice guidance can be adjusted as described below. The current setting is displayed during the adjustment procedure.

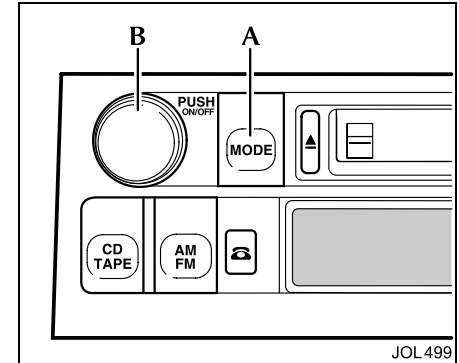
‘Mute’ – Mutes voice guidance.

‘-3’ to ‘+3’ – Changes the navigation sound volume, from minimum (‘-3’) to maximum (‘+3’).

‘Max’ – Mutes audio sound (front and rear speakers) during voice guidance.

Note:

1. Navigation sound will be heard from the front speakers only.
2. During voice guidance, the audio sound will be heard at a preset level (unless muted).
3. During voice guidance, the audio sound from the rear speakers will be limited to volume setting 15.

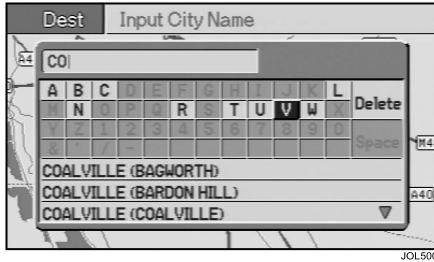


The procedure for changing the setting is as follows:

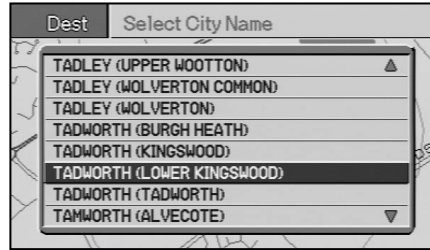
1. Push MODE (A) until the sound system display shows 'NAV Audio'.
2. The current setting for the navigation system is displayed.
3. Turn the volume control (B) until the desired setting is shown. (The normal audio display resumes automatically, or when any sound system button is pushed.)

1-12 Introduction and controls

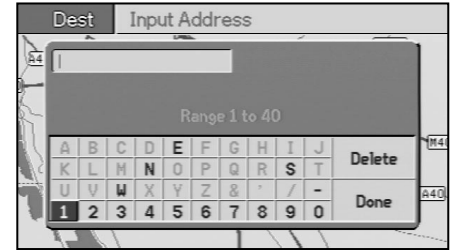
Text input



JOL.500



JOL.489



JOL.502

Character input

Use the joystick (up/down, left/right, and diagonal) to highlight the first character in the name and push ENTER. Repeat for each character. As characters are entered, only the characters available to complete the name (or similar names) are shown in black.

To delete a character, highlight 'Delete' and push ENTER. The last character input will be deleted. To input a space, highlight 'Space' and push ENTER.

A list of possible names (for example streets, cities, or motorways) is displayed. See **Selection screen example**.

Note: During character input, it may be necessary to use the joystick diagonal movement to select certain characters, depending on the characters available.

Selection screen example

The screen shows the list of possible names from the characters entered. The list reduces in length as more characters are entered, until the required name appears in the lower text area of the character input screen.

Highlight the item required using the joystick (up/down) and push ENTER. The next screen is displayed.

Note: The required item can be selected at any time from the list using the joystick and SCALE control. (Use the joystick to scroll on to the second page before using the SCALE control.)

Number input

Use the joystick (up/down, left/right, and diagonal) to highlight the first digit in the number and push ENTER. Repeat for each digit in turn.

To delete a digit, highlight 'Delete' and push ENTER. The last digit input will be deleted.

When all the digits have been input, highlight 'Done' and push ENTER. The next screen is displayed.

Note:

1. If a house number is not required, highlight 'Done' and push ENTER.
2. If the number is not in range, a message will be displayed. The number must be input again in the range shown.