



FREELANDER 2

NAVIGATION SYSTEM

Publication Part No. LRL 10 05 56 702

Introduction

This handbook forms part of the Owner literature supplied with your vehicle. Left hand drive and right hand drive conditions may be shown in the graphics and where information is specific to a particular country, it is indicated as such.

The **Quick start** section designed to rapidly familiarise the driver with the initial set up and also explain some of the unique features. Please take the time to study the operating instructions with your vehicle as soon as you can.

Important

The information contained in this handbook covers all vehicle derivatives and optional equipment. Some of the options may not be fitted to your vehicle unless they formed part of the original vehicle specification. Therefore some parts of this handbook may not apply to your vehicle. Furthermore, due to printing cycles, it may include descriptions of options before they become generally available.

The information contained in this publication was correct when it went to print. Vehicle design changes may have been made after this handbook was printed. When this occurs a handbook supplement is added to the literature pack. Subsequent updates can be viewed on the Land Rover Internet site at; **www.ownerinfo.landrover.com**.

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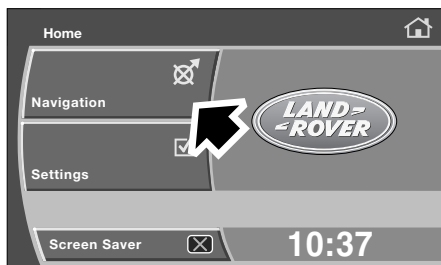
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Quick Start

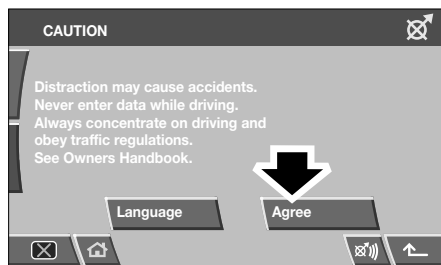
GETTING STARTED

If the screen appears blank or if the screensaver is on, touch the screen to activate.



LAN0001ENG

Select **Navigation**.



LAN0008ENG

Read the Caution and select **Agree**.

Note: In some countries the front seat passenger may enter data whilst the vehicle is in motion.

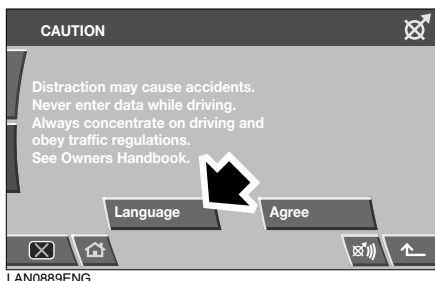


LAN0888ENG

A map of the vehicle's current position is displayed, overlaid with the main menu.

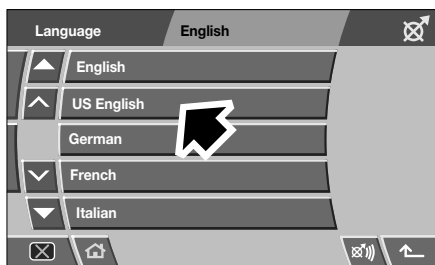
Note: After 12 seconds the main menu buttons disappear. Select **Menu** to display the menu again.

LANGUAGE SELECTION



LAN0889ENG

From the caution screen, select **Language**.



LAN0890ENG

Select your language from the list. Touch the arrow buttons to scroll through the list.

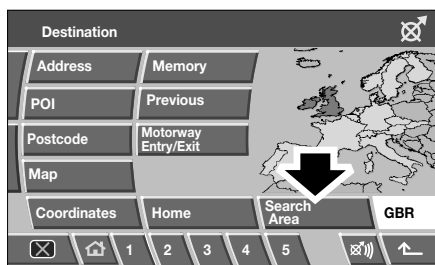
Note: Changing the language from the **Settings, Preferences** menu will only change the language displayed on the settings screen. This will not change the navigation voice language.

Quick Start

SEARCH AREA

To reduce the time taken to calculate a route, map databases are divided into countries, or into areas of countries, called search areas.

It may be necessary to change the search area that the navigation system is referencing (e.g. if you are travelling to another country).



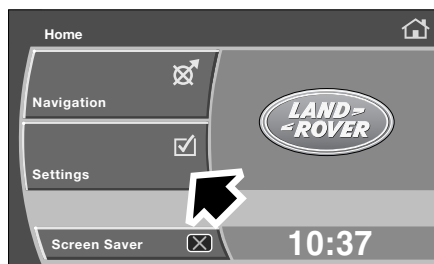
LAN0995ENG

Select **Destination Entry** then **Search Area**. The currently selected search area is shown highlighted on the map.

Select the search area (country) relevant to your journey, from the list of available areas.

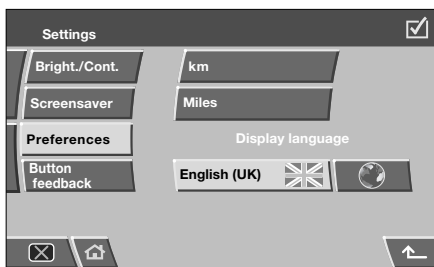
MEASUREMENT UNITS

Distances are shown on the screen and given in voice guidance, either in metric or Imperial units and can only be changed from the vehicle **Settings** menu, not from the navigation system menu.



LAN0895ENG

To change the measurement units, select **Settings** from the Home menu, then select **Preferences**.



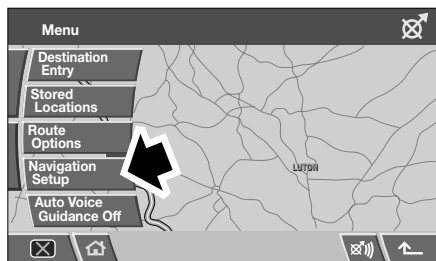
LAN0004ENG

To change the units: Change the measurement units, by selecting either **km** or **Miles**.

Quick Start

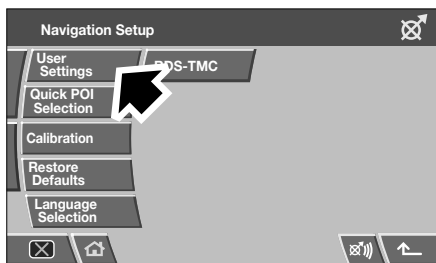
KEYBOARD LAYOUT

The layout of the keyboard used to enter information into the navigation system, can be changed from a QWERTY type to ABCDEF type.



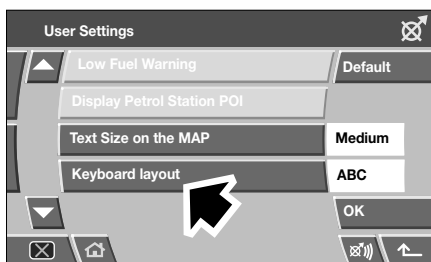
LAN0896ENG

From the navigation Main menu, select **Navigation Setup**.



LAN0897ENG

From the Navigation Setup menu, select **User Settings**.



LAN0898ENG

The current keyboard setting is indicated by ABC or QWE displayed alongside the Keyboard layout button. Touch the button to change the keyboard layout, then select **OK**.

Note: Other User settings are explained later in this handbook.

Quick Start

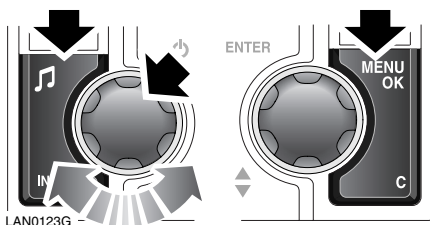
VOLUME CONTROL

Volume control for navigation instructions can be adjusted via the audio system volume control.

While a navigation instruction is being given, adjust the volume to the desired level. The setting will be stored by the system for future use. This will not affect your other audio settings.

If Automatic Volume Control is set to **On** in the volume settings menu, volume will adjust automatically with speed to compensate for background noise.

Automatic Volume Control (AVC)



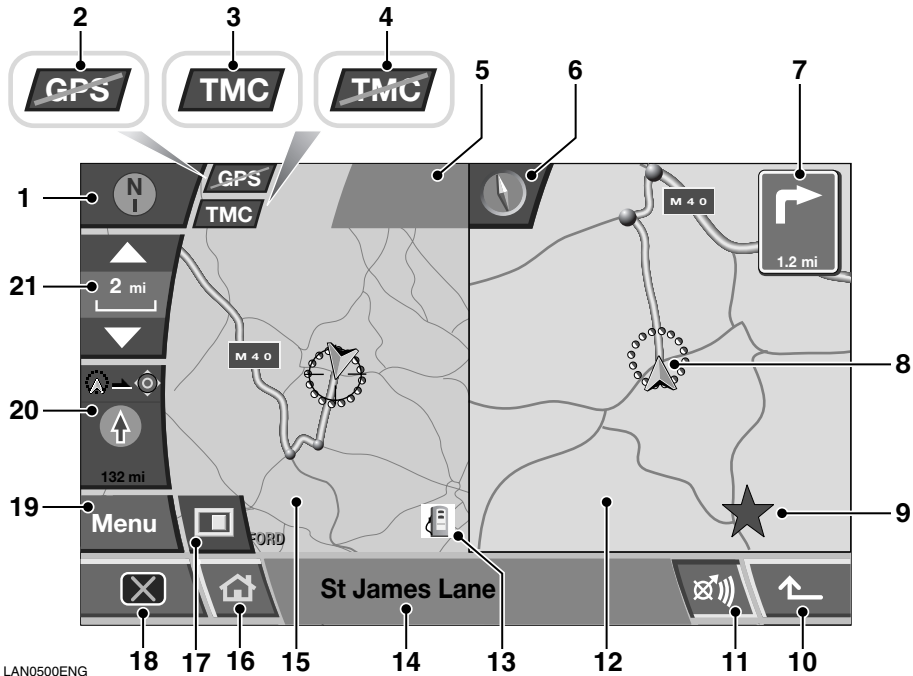
To turn on AVC use the following procedure:

- Press the rotary control to switch audio unit on.
- Press and hold tone button to access the volume settings menu.
- Now press the tone button repeatedly until **AVC Level** is displayed.
- Rotate the volume control to select **On**.
- On premium audio units, press the tone button to confirm your choice and exit the menu. On standard audio units, your choice is confirmed by pressing the **MENU** button.

For further audio system information, please refer to your Owner's Handbook.

Quick Start

MAP SPLIT SCREEN



LAN0500ENG

1. North/heading is up. Touch to toggle between North up and Heading up displays.
2. GPS (Global Positioning System) a signal is not being received.
3. TMC (Traffic Master Channel), a signal is being received.
4. TMC, a signal is not being received.
5. Message box.
6. Compass display - indicates North if Heading up display is selected. Touch to change to North up display.
7. Next direction/turn display.
8. Current vehicle position.
9. TMC Incident (e.g. a red Star).
10. Return button.

11. Repeat last voice instruction.
12. Split screen.
13. POI - fuel station shown.

Note: Not active if zoom level is above 1 km (½ mile).

14. Current street location.
15. Normal screen.
16. Home.
17. Screen mode selection.
18. Screen off.
19. Menu button
20. Distance display.
21. Zoom

Quick Start

MAP DISPLAY ICONS

The icons on the split screens are:



This is only displayed when a satellite signal is not being received.



This icon is displayed when TMC is selected and a signal is received.



When a bar appears across the TMC icon, then a signal is not being received and TMC will not function.



The compass always points North when the display is set to vehicle Heading up. Touch to change screen setting to North up.



Distance and direction for the next turn.



If the compass icon (6) is showing, the vehicle direction icon (8) always points to the top of the map irrespective of where North is.



Example RDS-TMC Icon (this one showing incident).



Return button - go back one screen.



Touch to repeat last voice instruction.



Example POI (this one showing a fuel station).



Surveillance icon. Select to view programmed traffic Surveillance Points.

Quick Start



This icon shows information concerning journey distance and the estimated time remaining before arriving at your destination. It also indicates your journey from your current position to the next waypoint or to your destination. In this example the journey is to your destination, shown in the top of the icon as the vehicle position arrow and a pointer towards a red circle.



This icon shows distance and direction (in a straight line) from your current position to waypoint 2.



This is your zoom button, enabling you to alter the map scale. The current level of zoom is shown between the two arrows (e.g. 2 miles).

Touch the upper arrow to decrease and the lower arrow to increase the magnification.

You may also see a zoom bar on the map.



This icon toggles with the compass (6). When this is showing, North is always to the top of the map.



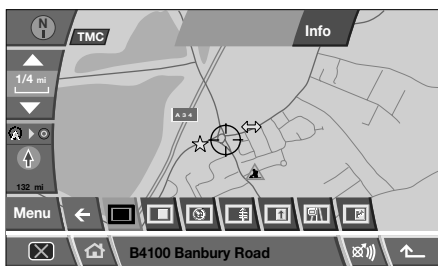
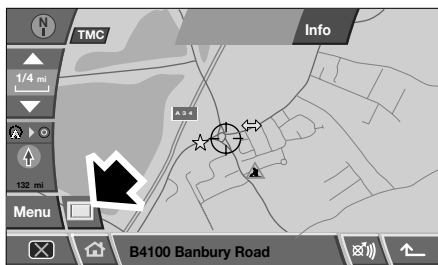
Vehicle position information icon. Select to view the vehicle's current position. The information is displayed at the top of the screen.



Select the POI icon to view Quick POI's and to change POI selections.

Quick Start

Screen mode options



LAN0501ENG

Select the screen mode icon to view the options. Select the icon that represents the desired screen mode.



Show full screen.



Show the split screen.



Show the compass.



List of forthcoming junctions and turn directions shown on the split screen.



This displays enlarged next junction guidance information on the split screen.



This facility is only available when travelling on a motorway and appears automatically to display the remaining motorway exits (up to the required exit for your route) and the exit numbers.



Automatically shows the next junction on the right of the screen.

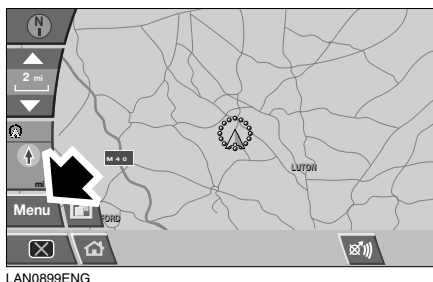
Quick Start

MENU STRUCTURE

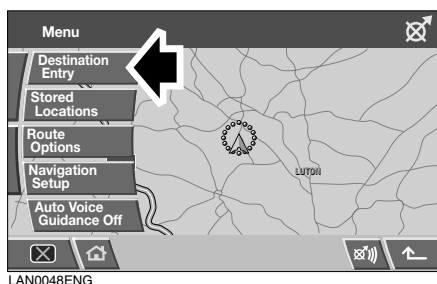
Navigation Setup	User Settings	
	Quick POI Selection	
	Calibration	
	Restore Defaults	
	RDS-TMC	
	Language Selection	
Stored Locations	Memory	Add
	Destination/waypoint	Edit
	Previous	Delete
	Avoid Points	
	Home	
Destination Entry	Address	House
		Street
		Town
		Intersection
		Display Map
		Search area
	POI	POI Name
		POI Near
		Phone Number
	Postcode	
	Map	
	Coordinates	
	Memory	
	Previous	
	Motorway Entry/Exit	
	Home	
Route Options	Route Preferences	
	Destination/Waypoint	
	Detour	
	Search Condition	
	Route Preview	
	Display Route	
	Calculate	
	Cancel Guidance	
	Route Trace	
Auto voice guidance off		

Quick Start

SETTING A DESTINATION

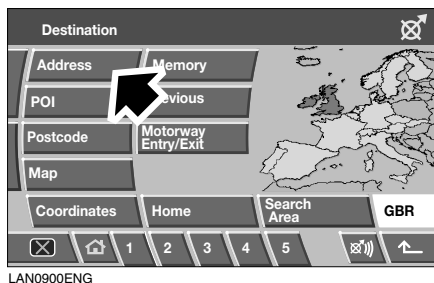


Select **Menu** from the map screen.



Now select **Destination Entry**.

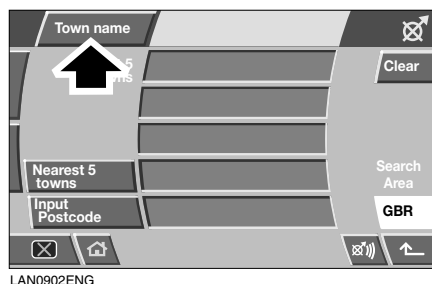
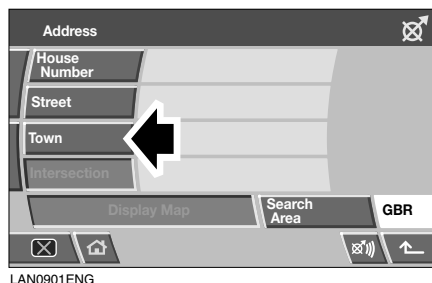
Note: If you wish to view the map without the buttons showing, touch anywhere on the map display. To display the buttons, touch **Menu**. The buttons automatically disappear after approximately 12 seconds.



The Destination Entry menu provides a choice of methods for entering a destination. For this example, the destination will be entered using the address option.

Select **Address**.

Entering a town name



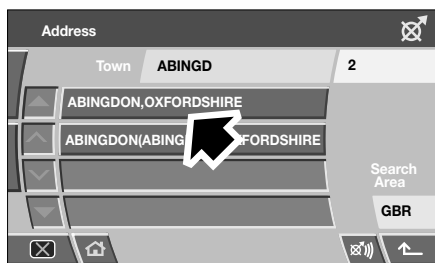
To enter the name of the destination town, select **Town**, then select **Town name**.

Note: If the navigation system has been used before, a list of the last five destinations is displayed. If your chosen town is listed, touch to select.

Quick Start



Use the keyboard to enter the destination town name by touching the letters on the display. Only valid letters are available for selection. Delete incorrect letters by touching the **Delete** key.



Once sufficient letters have been entered, the system will display all the possible towns.

If necessary, use the scroll arrows to the left of the list to search up or down. Select the town you require from the list.

Nearest 5 towns



If your destination is close to your current location, select **Nearest 5 Towns** (instead of entering a town name) and select the desired town from the subsequent list.

Input Postcode



If the postcode of your destination is known, select **Input Postcode** and use the keyboard to enter the postcode.

Once enough of the postcode has been entered for the system to identify the town, a confirmation screen is displayed. Select the button containing the postcode to confirm.

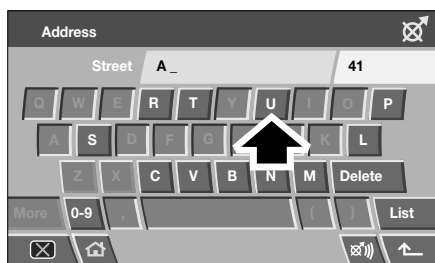
Quick Start

Entering the street name



LAN0938ENG

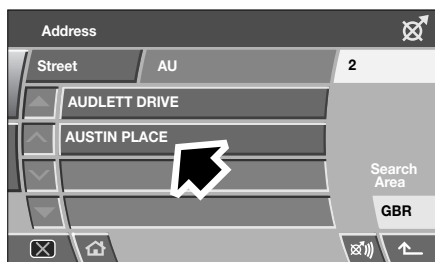
From the Address screen, select **Street**.



LAN0939ENG

Now use the keyboard to enter the **Street** name.

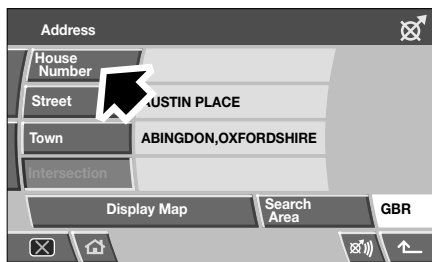
Once again, only letters which are valid will be available for selection.



LAN0940ENG

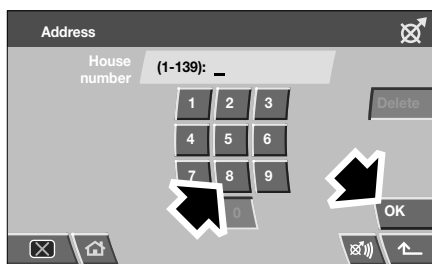
When the system recognises enough letters, the street or a list of streets will be displayed. Select the street you require.

Entering the house number



LAN0942ENG

From the Address screen, select **House Number**.



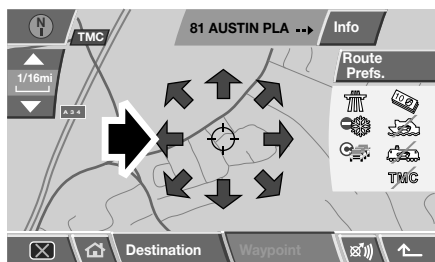
LAN0943ENG

Enter the **House Number** of the address (if known) then touch **OK** to confirm.

If the house number is not known, select **OK** - the mid-point of the street is then used as the destination.

Note: If a list of house number ranges is displayed, select the applicable range and then enter the number.

Quick Start



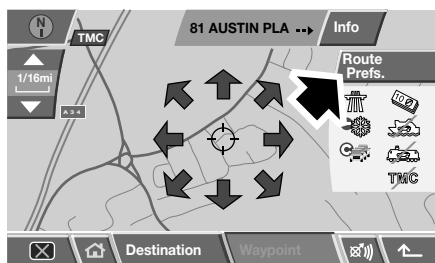
LAN0941ENG

Once the address details have been entered, the map screen is displayed. Touch the arrow icons to fine-tune the destination location (if necessary).

Note: It may help to increase the map zoom level when fine-tuning the destination location.

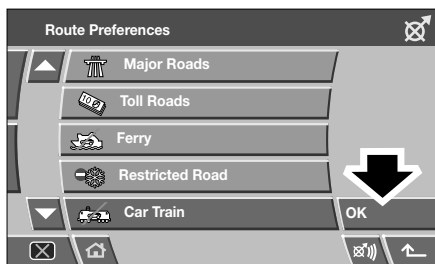
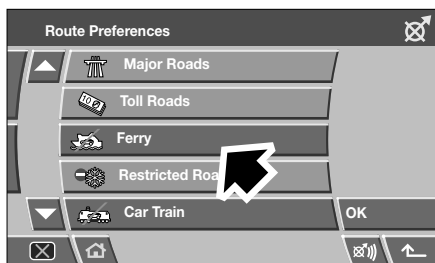
If you do not need to set the route preferences, select **Destination** to start the route calculation.

ROUTE PREFERENCES



LAN0015ENG

Select **Route Prefs.** to select which route options you require for your journey.



LAN0016ENG

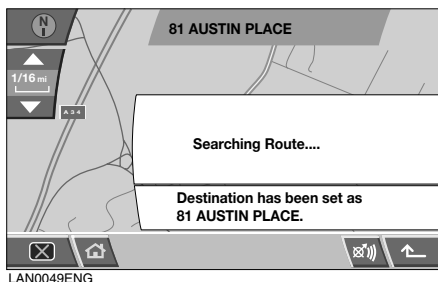
Use the arrow buttons to scroll through the list. Touch to select the desired options. Selected options are highlighted (orange).

Select **OK** to confirm.

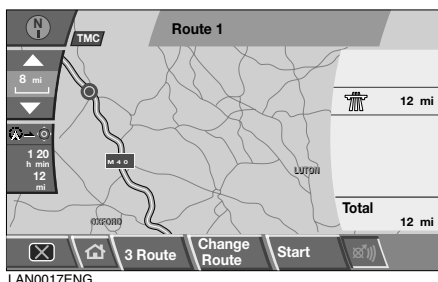
Select **Destination** to start the route calculation.

Quick Start

START GUIDANCE

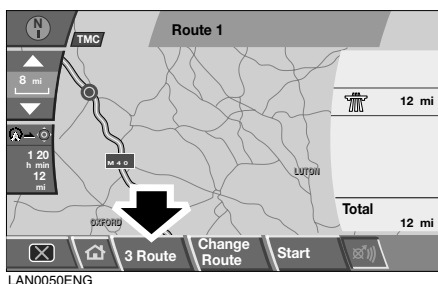


After touching **Destination**, the system will calculate the route.

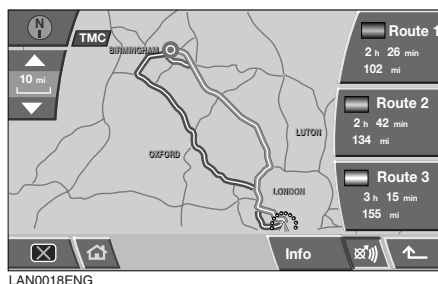


There is now a choice to select **3 Route**, **Change Route** or **Start** navigation guidance.

3 Route

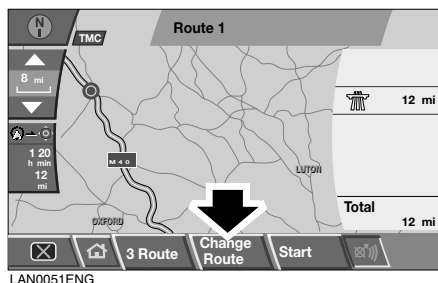


Select **3 Route** to view three different routes to your destination.



Each route is highlighted in a different colour. Select your chosen route, **Route 1**, **2** or **3**, by touching the corresponding box displayed on the right side of the map.

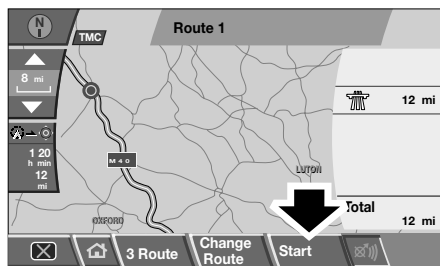
Change Route



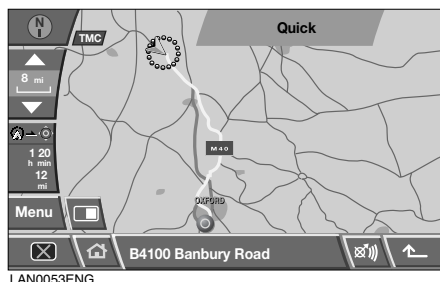
If **Change Route** is touched you will be given a menu to select from. Each menu item is described in detail in this handbook.

Quick Start

Start

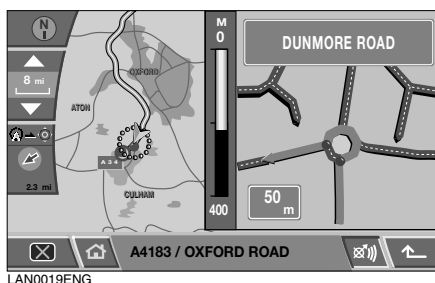


When you have made your selection, if any, touch **Start**.



The route will be highlighted on the map, with an arrow icon showing your current position and a circle within a red circle showing your destination. The road name/number is listed in the text area below the map.

Drive away, following the voice guidance given by the system.

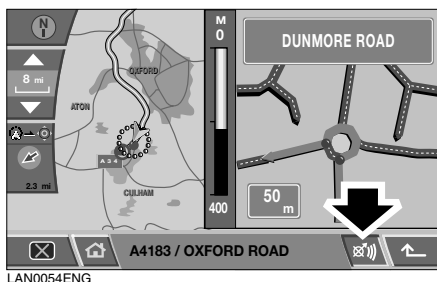


As you approach a junction, in addition to the voice guidance, an inset on the map will display an enlarged view of the junction.

When your destination is reached, voice and visual confirmation is given.

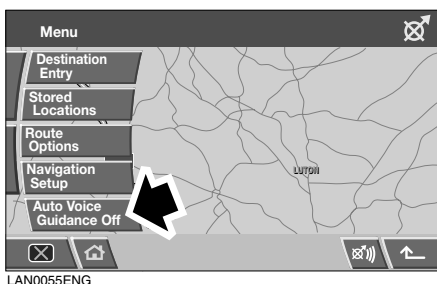
Quick Start

VOICE GUIDANCE



The last voice guidance message can be repeated by touching the Repeat last voice guidance icon in the lower right of the screen.

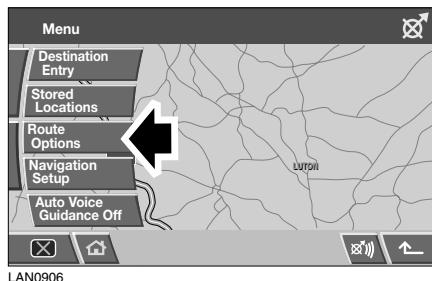
To turn voice guidance on or off, but maintain route guidance, proceed as follows:



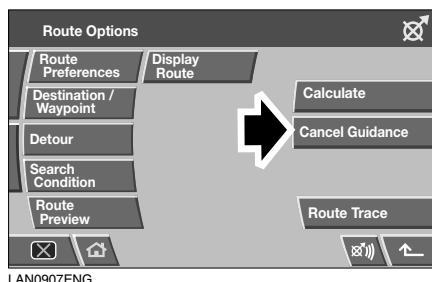
Access the **Navigation Menu**, then select **Auto Voice Guidance Off**, the button will highlight (orange) when voice guidance is muted. Select again to activate voice guidance.

Note: Touching the repeat last voice guidance icon will repeat the last voice instruction, irrespective of whether Audio Voice Guidance is disabled.

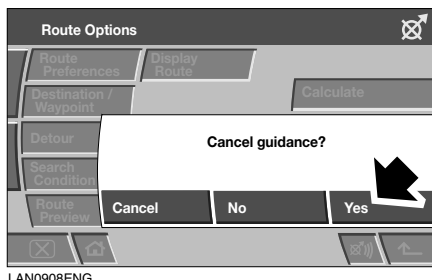
CANCEL GUIDANCE



To cancel guidance, touch the **Menu** button on the map guidance screen and select **Route Options**.



From the Route Options menu, select **Cancel Guidance**.



A confirmation screen is displayed, select **Yes** to confirm.

Introduction

SAFETY WARNINGS

Do not use the system until you have familiarised yourself with its operation.

The requirements of the Road Traffic Regulations (RTR) apply.

Observation of traffic signs and local traffic regulations always take priority.

Traffic guidance is restricted to passenger vehicles. Special driving recommendations and regulations for other vehicles (e.g. commercial vehicles) are not taken into account. The destination must only be entered when the vehicle is stationary.

WARNING

- **The navigation Database reflects reality as existing before you receive 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 - amongst other things - neighbourhood 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.**
 - **Only operate, adjust or view the system when it is safe to do so.**
-

DECLARATION OF CONFORMITY

This navigation system conforms to the European Directive 99/5/EC.

Safety information

The caution screen is displayed each time the starter switch is turned on, and the navigation system is selected.

The caution screen gives the following information:

- Distraction may cause accidents.
- Never enter data when driving.
- Always concentrate on driving and obey traffic regulations.
- See Owner's Handbook.

Danger of accident:

- Through operation of the navigation unit when driving, e.g. entering destination;
 - the destination must only be entered when the vehicle is stationary.
 - use of the navigation unit is only permitted if traffic conditions are suitable and you are absolutely sure that no risk, obstruction or inconvenience will be incurred to you, your passengers or other road users.
- Through non-observance of Road Traffic Regulations;
 - the requirements of the Road Traffic Regulations retain their validity. It is possible that inaccurate or incorrect instructions are given due to altered traffic routes, e.g. due to road works or deviating data. The actual road signs and traffic regulations must therefore always be observed.

Introduction

- Through misuse of the unit;
 - the navigation system serves solely as an aid to navigation. In particular, the navigation system cannot be used as an aid to orientation when visibility is poor. The volume of the car radio/navigation system must be adjusted so that external noise is still audible.
 - switch off the unit immediately if a fault occurs (e.g. emission of smoke or odours).

GENERAL NOTES

- Radio or CD operation continues during navigation operation.
- When entering the address, only those letters, digits and symbols which are relevant for the address are displayed. The entries are automatically completed. Letters, spaces, numbers and symbols can be selected from the alpha or numeric keypad displayed on the screen.
- The route is automatically recalculated by the system if deviation from the route is made.

GENERAL INFORMATION

The 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 the touch-screen. Digital map information is held on the navigation DVD, which is loaded into the navigation control unit.

The touch-screen is used to control the system by means of menus, text screens and map displays.

The area covered by the navigation system depends on which version of the navigation DVD is loaded. The driver is directed to the destination by voice guidance and/or the on-screen instructions.

Introduction

THE NAVIGATION SYSTEM

The Land Rover 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 the touch-screen. Digital map information is held on the Navigation System Digital Versatile Disc (DVD).

WARNING

In the interests of road safety, only operate, adjust or view the system when it is safe to do so.

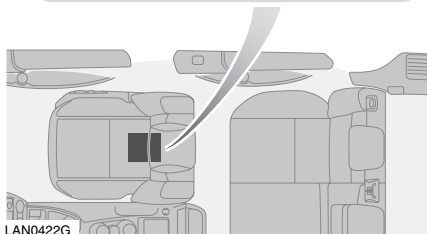
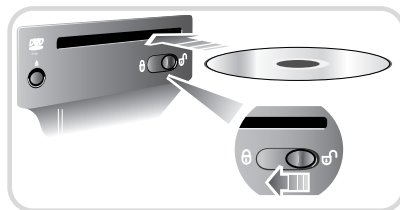
The system has a comprehensive range of features, yet is easy to use. Some time spent reading this handbook will ensure that the best results are obtained.

The touch-screen is used to control the system by means of menus, text screens and map displays.

Loading the navigation DVD

Note: Before using the navigation system, ensure that the DVD that contains the correct country mapping information is loaded in the navigation control unit housed under the right-hand front seat. Access to the DVD player is from the rear of the seat.

Note: The starter switch must be turned on.



LAN0422G

Move the slider to the unlock position (see inset).

Press the unload button to eject a DVD, if one is installed in the DVD player.

Load the correct Navigation System DVD with the printed side upwards. Do not allow moisture or foreign objects to enter the slot.

Move the slider to the locked position.

How the System Works

SATELLITE SIGNALS

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

The navigation computer then integrates this data with the information stored on the DVD enabling you to plan and follow a route map to your desired destination. This is particularly useful if you are travelling to or through unfamiliar territory.

Digitised area

The navigation system can only provide information and guidance for the area covered by the navigation DVD - ensure that you are using the latest version of the correct DVD for your country.

The navigation DVD provided, contains a digitised street map. Motorways, main and regional roads, as well as district roads are detailed in this street map. Larger cities and boroughs are completely covered. The regional and unclassified roads or access roads and the town centre for smaller towns and boroughs are included.

One way streets, pedestrian zones, turn bans and other traffic regulations are taken into account as far as possible. There may be discrepancies between the data on the navigation DVD and the actual local situation, due to temporary or permanent changes to road systems and their traffic regulations.

If the vehicle battery has been disconnected, or if the vehicle has been transported to a new location on another vehicle (e.g. by trailer or train), the navigation system may require several minutes to identify the new position.

Errors in vehicle position

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

- Driving up or down circular ramps in car parks.
- Elevated roads in proximity to other roads.
- Where there are two roads parallel to each other.
- Driving on steep roads.
- When the vehicle is transported by ferry or train.
- After the tyres have been replaced.
- When using snow chains.
- After the vehicle has been rotated on a turntable.
- After vehicle battery removal or supply fuse failure.

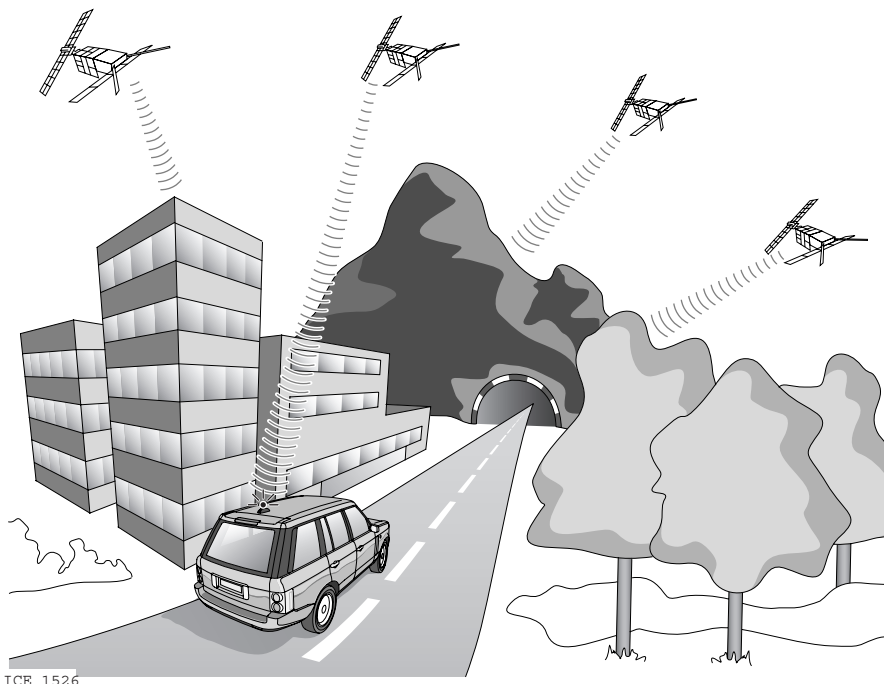
If the vehicle position is incorrect, follow the Calibration instructions to recalibrate the position and direction of the vehicle. See **CALIBRATION, 31**.

Navigation DVD updates

There is a card in your owner literature wallet that has details of how to order DVD updates.

How the System Works

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.

However, the vehicle's direction and speed sensors will minimise any adverse effect on the operation of the navigation system, if this should occur. Normal operation will resume once the obstruction has been passed.

Touch-Screen Display

TOUCH-SCREEN CARE

WARNING

In the interests of road safety, only operate, adjust or view the system when it is safe to do so.

Caution: Always run the engine during prolonged use of the touch-screen. Failure to do so may discharge the vehicle battery, preventing the engine from starting.

Caution: Care must be taken to avoid spilling or splashing drinks onto the touch-screen. In the event of such an occurrence, seek advice from your Land Rover Dealer/Authorised Repairer.

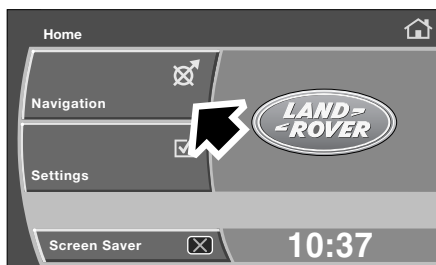
Caution: Do not use any abrasive cleaners to clean your touch-screen. For approved screen cleaners, see your Dealer/Authorised Repairer.

The touch-screen and inner bezel must be kept clean to maintain optimum performance. Finger marks and attracted dust should be regularly removed using a soft cloth and a Land Rover/Authorised Repairer approved cleaning agent.

Touch-screen use

Note: When operating touch-screen buttons, always extend the tip of one finger, and withhold the thumb and remaining fingers from the screen. Touching the screen with more than one finger at a time may cause false inputs.

SCREEN SETTINGS



Touch the **Navigation** button to display the navigation menu.

Touch the **Settings** button to display the vehicle settings menu.

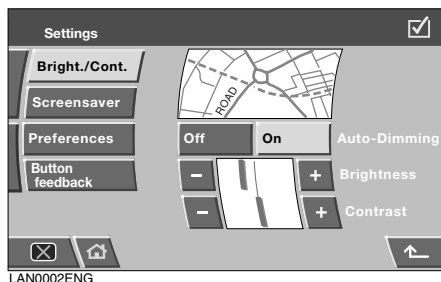
The screen display can be changed by selecting screen saver or be blanked out by touching the **X** button, lower left of the screen.

Touch-Screen Display

SETTINGS MENU

Touch the **Settings** button to make changes to the touch-screen settings.

Brightness/Contrast



Select **Bright./Cont.** to adjust the screen display brightness and contrast.

Touch the appropriate + or - button to increase or decrease the brightness or the contrast of the screen.

The brightness setting will have most effect at night, so it is recommended that this adjustment is made at night, to obtain optimum effect.

Screen brightness and contrast can also be automatically dimmed for night driving, by setting Auto-Dimming to **On**.

After making any changes, touch the return button to return to the settings menu screen or touch the Home button (or touch the back arrow twice) to return to the Home screen.

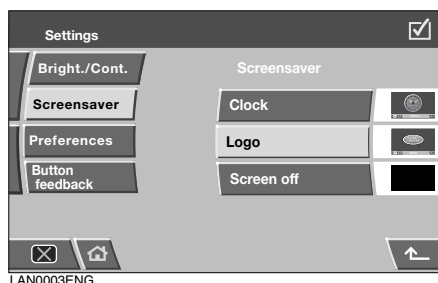
Auto-dimming

Touch to highlight (orange) Auto-Dimming On selected. The brightness of the screen is adjusted automatically to suit the interior ambient lighting conditions (dimming as light levels fall and brightening as levels rise).

When the vehicle is being operated in the dark with the headlamps on, the screen brightness will adjust to match the interior lighting level, as set by the dimmer switch (see Owner's Handbook). In night conditions, the user may fine-tune the brightness level for the screen, relative to the interior lighting, according to their preference, using the + and - controls.

With Auto-Dimming **Off** selected, screen brightness will remain at the level set using the screen settings control.

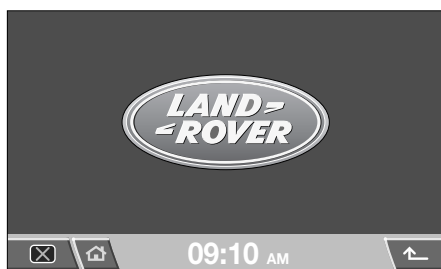
Screensaver



Select **Screensaver** to choose from a Clock display, the Land Rover logo or a blank screen. Touch to highlight (orange) the desired option.



Touch-Screen Display



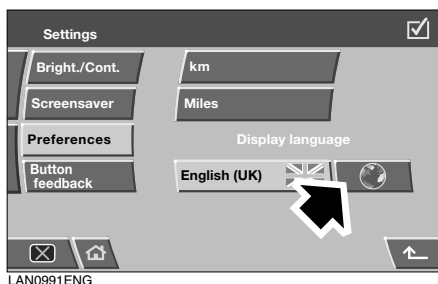
After making any changes, touch the return button to return to the settings menu screen or touch the Home button (or touch the back arrow twice) to return to the Home screen.

Preferences



Touch to highlight either **km** (to view distances in metric measurements) or **Miles** (to view distances in imperial measurements).

Language setting



To change the display language, select the Globe button to see the list of available languages.

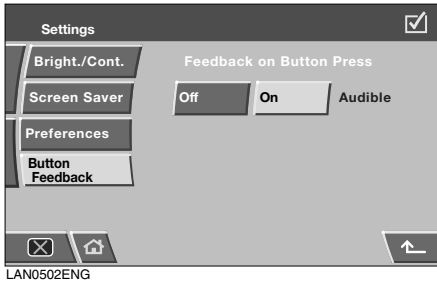


Touch to highlight (orange) the language you require. If the language you require is not shown, touch the down arrow to the left of the last language button to display more languages.

Touch the back arrow to return to the previous screen.

Touch-Screen Display

Button feedback

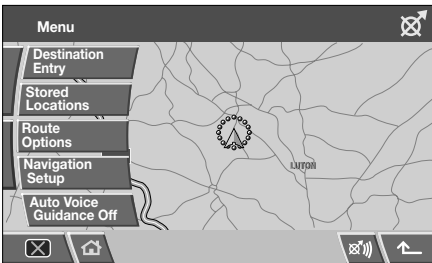
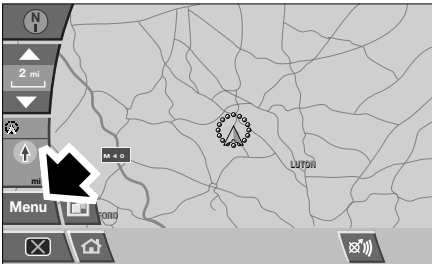


Touch to highlight **Button Feedback**, to view the options. Select **On** to hear a tone every time you touch a button or select **Off** to turn this feature off.

Touch the back arrow to return to the previous screen.

Navigation Setup

MAIN MENU



LAN0047ENG

After selecting navigation, the navigation main menu is displayed showing the options available. For detailed information on these items see:

DESTINATION ENTRY, page 43.

STORED LOCATIONS, page 35.

ROUTE OPTIONS, page 55.

NAVIGATION SETUP, page 29.

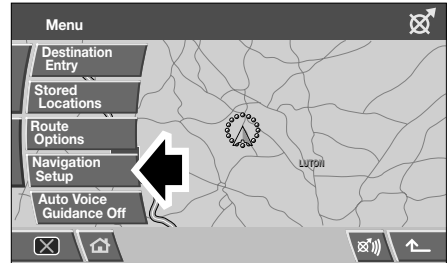
AUTO VOICE GUIDANCE OFF, page 19.

There are additional sections in this handbook specifically showing Points of Interest (POI's) and End User Licence Agreements.

Select the menu item required.

Note: The buttons will disappear after approximately 12 seconds. To view the buttons again, select **Menu**. Touching the map will also remove the buttons.

NAVIGATION SETUP

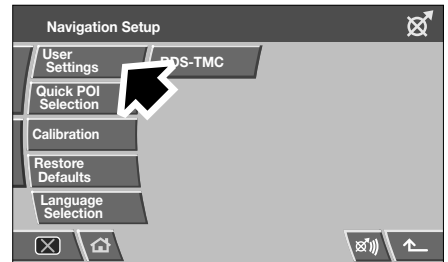


LAN0772ENG

From the main navigation menu select **Navigation Setup**.

USER SETTINGS

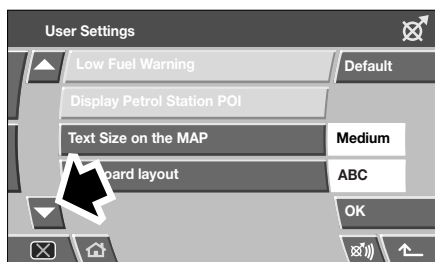
A number of user settings can be made from this menu.



LAN0897ENG

From the Navigation Setup menu, select **User Settings**.

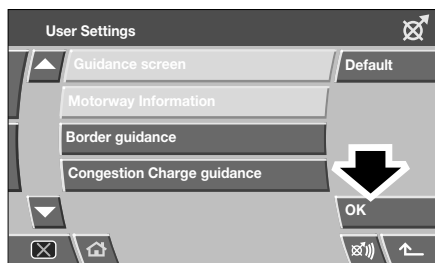
Navigation Setup



LAN0909ENG

Touch the arrow buttons to scroll through the list. Touch to highlight (orange) the options required.

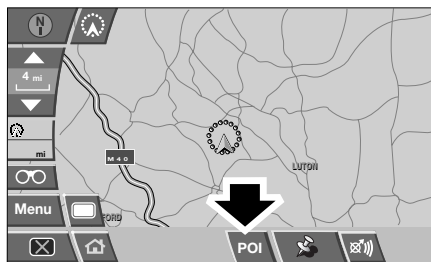
The **Text Size on the MAP** and **Keyboard Layout** options have more than one setting. Touch to toggle between the settings. The current setting is shown in a box alongside the relevant button.



LAN0910ENG

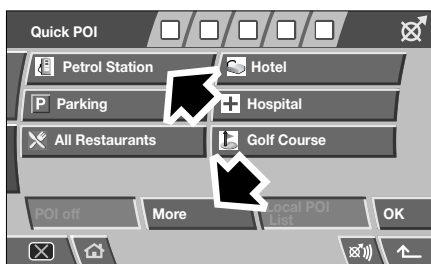
When the User Settings are as required, select **OK**.

QUICK POI SELECTION



LAN0911ENG

Touch the Map screen to display the POI button. Select **POI**.



LAN0912ENG

The screen shows the six quick points of interest categories.

Note: The POI button will not be active if the zoom level is above 1 km (½ mile).

Select up to five POI's from the list, to appear as icons on the navigation map display. As a reference, the icons appear in the five boxes at the top of the screen.

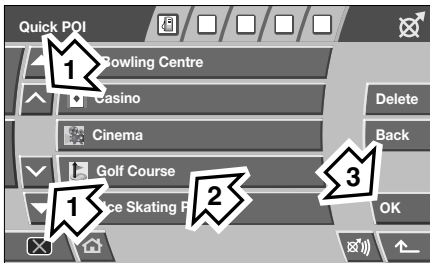
If the POI you wish displayed on the map guidance screen is not one of the six Quick POI's, select **More** to see further POI's.

Navigation Setup



LAN0913ENG

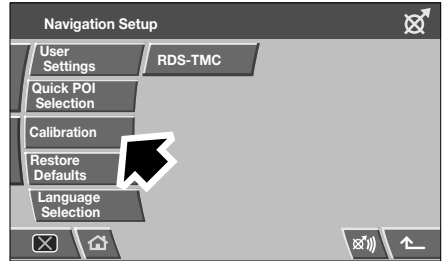
Eight POI categories are displayed. Select a category to view the sub-categories, or select **List all Categories** to view all POI's alphabetically.



LAN0914ENG

1. Use the arrow buttons to scroll through the list
2. Select the required POI. The relevant icon appears in one of the boxes at the top of the screen.
3. When all the required POI's have been chosen, select **OK**. The navigation map screen with the selected POI icon(s) is displayed.

CALIBRATION

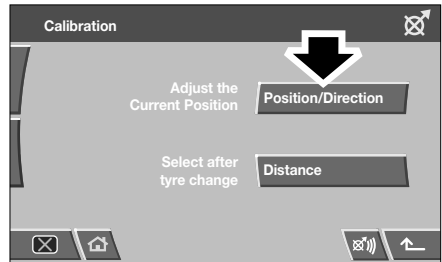


LAN0916ENG

Select **Calibration** from the Navigation Setup menu.

Position/Direction

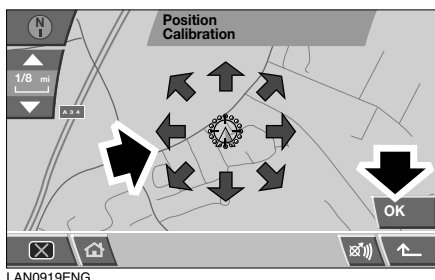
If the vehicle has been moved, for example, by ferry, rail or trailer, the vehicle position/direction may need to be calibrated.



LAN0917ENG

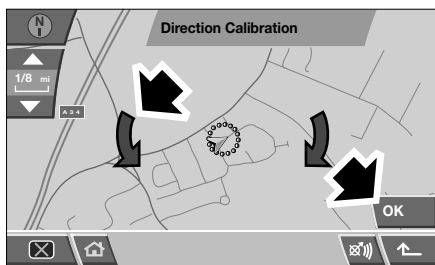
Select **Position/Direction**. A map showing the current vehicle position is displayed.

Navigation Setup



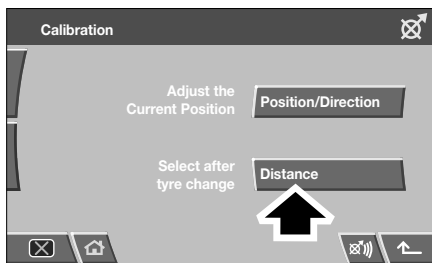
Touch the appropriate arrow icons to scroll the map until the vehicle position is in the correct location, then select **OK** to confirm.

Note: During map scrolling, the vehicle position icon will remain centrally located on the screen, while the map scrolls to the new position.

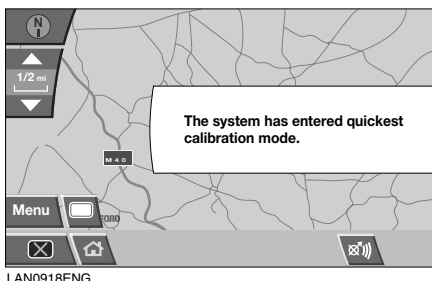


The map showing the heading adjustment arrows is displayed. Adjust the heading by touching the arrows until the navigation symbol shows the correct alignment. Select **OK** to confirm the new heading.

Distance



If the tyres on the vehicle have been replaced, select **Distance** from the Calibration menu.

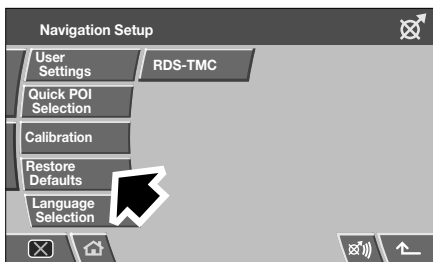


The system automatically recalibrates its distance measurements accordingly.

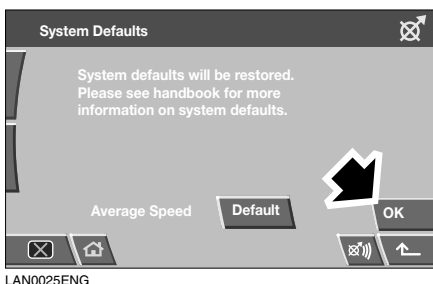
Navigation Setup

RESTORE SYSTEM DEFAULTS

If you have made any changes to the system default settings, then using this facility will restore the original settings.

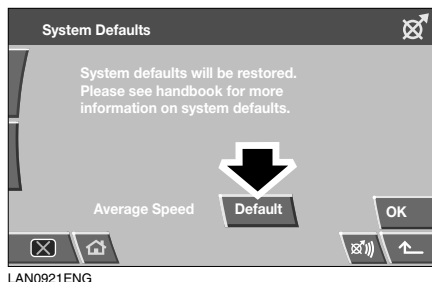


From the Navigation Setup menu, select **Restore Defaults**.

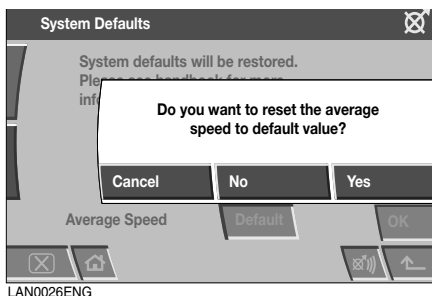


To restore the system defaults for settings such as text size and keyboard layout, select **OK**.

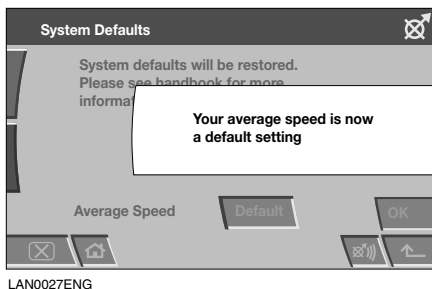
Average speed



To return the Average Speed setting to the system default value, select **Default**.



A confirmation request screen is displayed. Select **Yes** to confirm.



The system confirms that the Average Speed setting is now a default value.

Navigation Setup

Default settings

The system defaults for the User Settings are as follows:

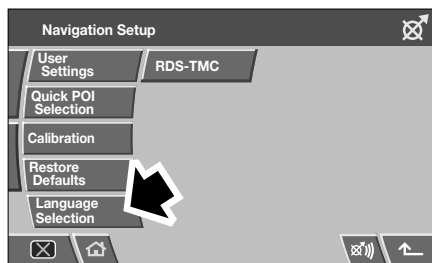
Function	Default setting
Arrival time	Duration
Low fuel warning	On
Text size on map	Medium
Keyboard layout	ABC
Guidance screen	On
Notify traffic restriction	On
Congestion charge guidance	On
Display petrol station	On
Border guidance	On

In addition to the User Settings default values, the following settings are also affected when the system defaults are restored:

Function	Default setting
Map compass	Facing North
Map display	Single mode
Map scale	1/16 mi (100 m)
Display language	UK English
Q-POI map display	None
Q-POI selection	A. Petrol station B. Parking C. Restaurants D. Hotels E. Hospital F. Golf course
Route	Trace
Route preference	Allow motorway Allow car train Allow toll roads Allow restricted roads Allow congestion charging
RDS-TMC	Off
Guidance language	UK English

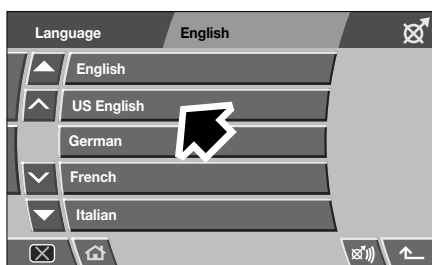
LANGUAGE SELECTION

It is possible to change the language used on the navigation display screens. This does not affect the navigation voice language.



LAN0028ENG

From the Navigation Setup menu, select **Language Selection**.



LAN0890ENG

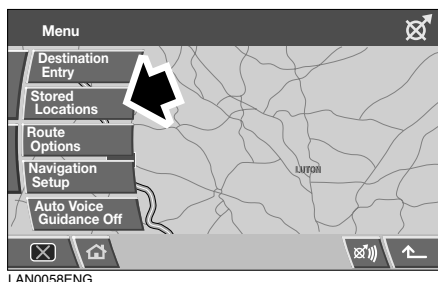
Use the arrow buttons to scroll through the list. Touch to select the required language. The display returns to the Navigation Setup menu.

RDS-TMC

For information on Radio Data Signals-Traffic Master Channel, see **RDS-TMC**, 69.

Stored Locations

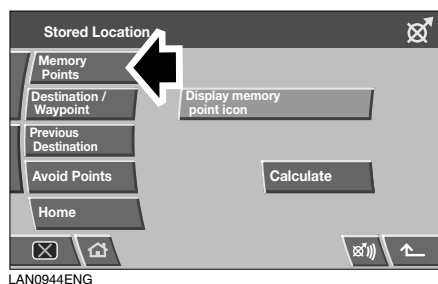
INTRODUCTION



From the navigation menu select **Stored Locations**. This enables you to manage destinations such as, place of work, home, favourite restaurant or areas to avoid.

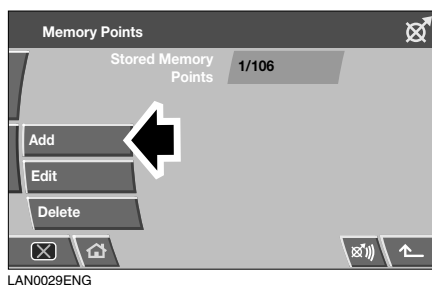
MEMORY POINTS

From the **Stored Locations** menu you can save up to 106 memory points. For this example, we will store the exit from the M69 motorway onto the A5 major road, as a Memory Point.



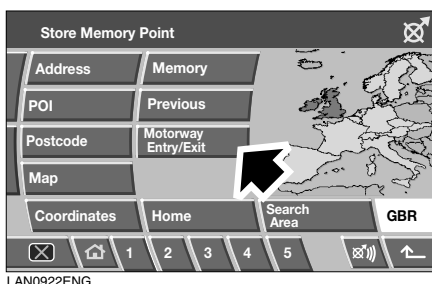
Select **Memory Points** to access the Memory Points menu.

Note: The screen above to Add, Edit or Delete appears in many of the navigation submenu selections.



Select **Add** to store a memory point.

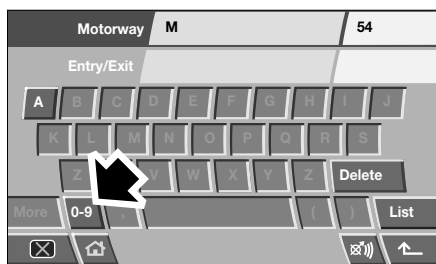
To add a memory point



A memory point is added in the same way as a destination, using the address, Postcode, POI etc.

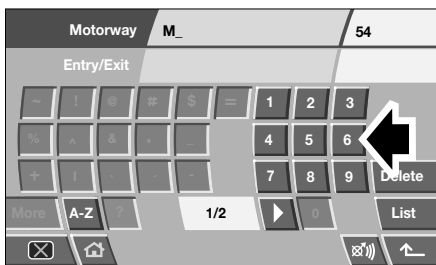
For this example, we will select a **Motorway Entry/Exit**.

Stored Locations



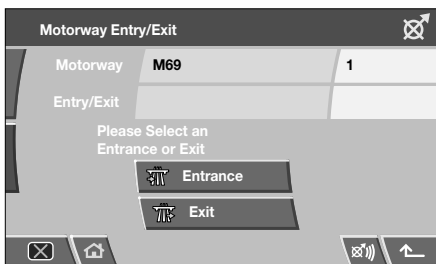
LAN0923ENG

Select the initial letter for the motorway (e.g. **M**) using the keyboard, then select **0-9**, to view the numeric keypad.



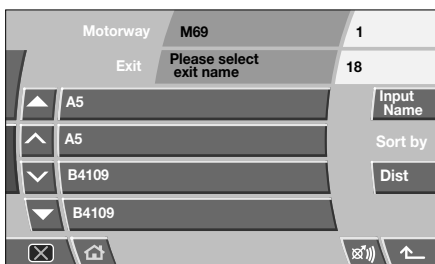
LAN0034ENG

Enter the motorway designation number (e.g. **69**) using the keypad, then confirm the motorway number by selecting it from the subsequent list.



LAN0030ENG

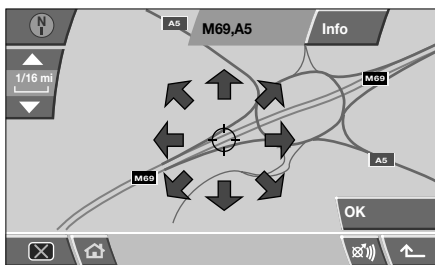
Select **Exit**.



LAN0031ENG

Use the arrow buttons to scroll through the list until the required exit is displayed (e.g. **A5**), then touch to select.

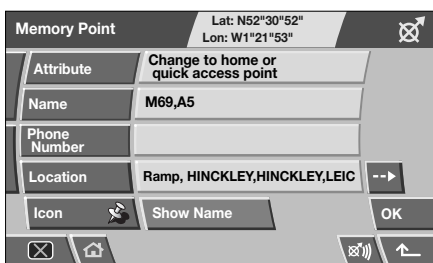
Note: The list of motorways with the entered designation may only contain one option.



LAN0032ENG

A map is displayed showing the chosen exit from the motorway. Adjust the location (if necessary) by touching the arrow icons to reposition the memory point on the map, then select **OK**.

Stored Locations



LAN0925ENG

You now have the option to allocate different attributes to this memory point.

Select the attribute you wish to edit, by touching the relevant button (**Attribute**, **Name**, **Phone Number**, **Location** or **Icon**).

Attribute

This enables you to set the memory point as either your Home address or as a Quick Access point. Select **Attribute** from the Memory Point menu.

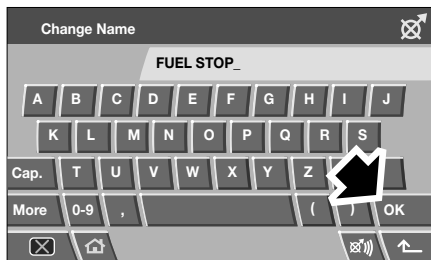


LAN0926

1. To set the memory point as your Home address, select the bar with the Home icon (1). The display returns to the Memory Point menu.
2. To set the memory point as a Quick Access point, select a vacant numbered button (1-5). If all five Quick Access points are in use, replace an existing Quick Access point with the new one, by selecting the relevant button.

Name

It is possible to allocate a name to a memory point.

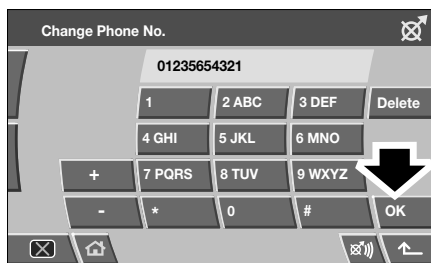


LAN0927ENG

Select **Name**, then use the keyboard to enter the chosen name (e.g. Fuel Stop). Select **OK** to confirm the name.

Note: It is necessary to delete the existing name (e.g. M69,A5) before entering a new one.

Phone Number



LAN0928ENG

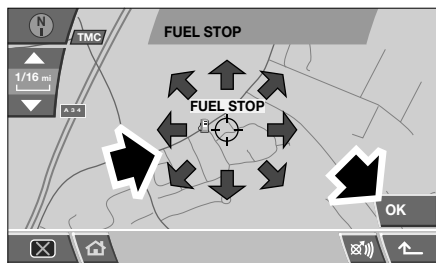
If required, it is possible to allocate a phone number to the memory point. Select **Phone Number**, then use the keypad to enter the number.

Select **OK** to confirm the number.

Stored Locations

Location

If you wish to change the location of the memory point, select **Location**.

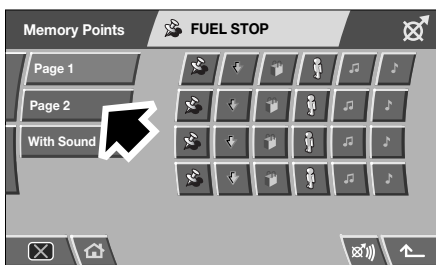


LAN0929ENG

A map showing the current memory point location is displayed. Touch the relevant arrow icons to move the memory point icon to the new location.

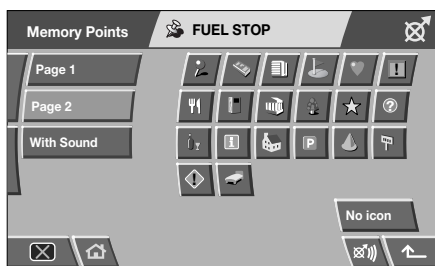
Select **OK** to confirm.

Icon



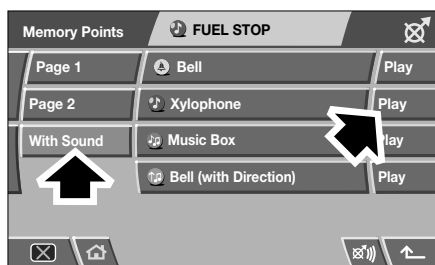
LAN0930ENG

Select **Icon** to change the icon associated with the memory point.



LAN0931ENG

Choose an icon from the selection. Select **Page 2** to view additional icons.



LAN0932ENG

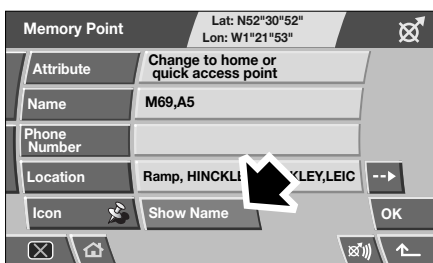
It is also possible to allocate a sound to your memory point. Select **With Sound**, then select a sound from the list. To preview a sound, select the **Play** button alongside the chosen sound.

Show Name

If you would like the name of the memory point to be shown on the navigation map, select **Show Name** to highlight (orange) the button.

Once all required attributes have been applied, select **OK** to store.

Stored Locations

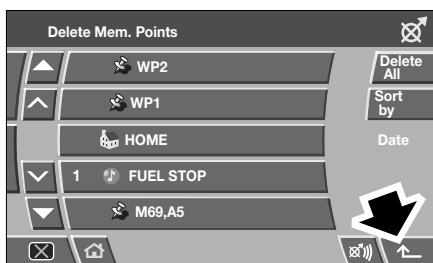


LAN0998ENG

The display returns to the list of Memory Points, which can be selected for editing. Touch the return icon to return to the Memory Point menu.

Editing a memory point

Select Edit from the memory point menu.

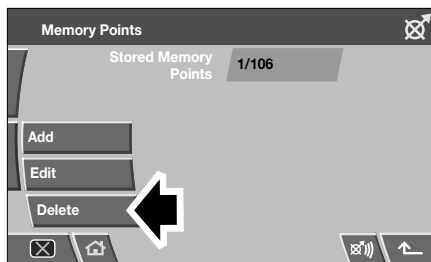


LAN0933ENG

Select the memory point to edit. The attributes are displayed. Editing an attribute involves the same process as when adding a memory point, as described previously.

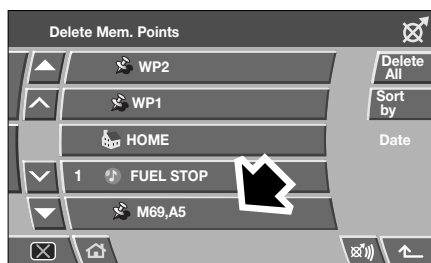
To return to the memory point menu, touch the return arrow.

Deleting a memory point



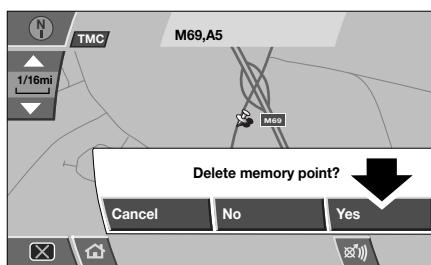
LAN0999ENG

Select **Delete** from the Memory Point menu.



LAN0934ENG

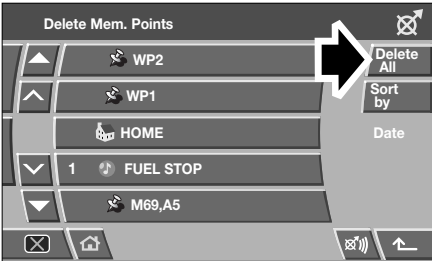
Select the memory point you wish to delete.



LAN0935ENG

A confirmation screen is displayed. Select **Yes** to delete. The display returns to the Delete Mem. Points menu.

Stored Locations



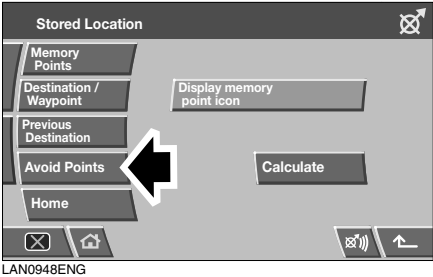
To delete all stored memory points, select **Delete All** from the Delete Mem. Points menu.

DESTINATION/WAYPOINT

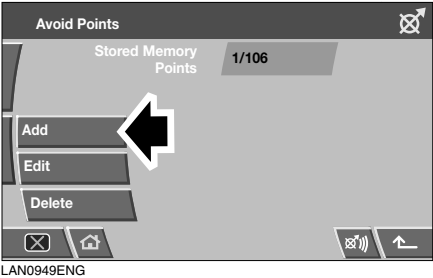
This facility enables you to select an existing destination or enter a new destination and then add waypoints along the route. See **Destination Entry, 43**, for information on how to enter your destination.

AVOID POINTS

After a route has been selected you can set a single or a series of Avoid Points. Once the avoid points are programmed, the system will recalculate the route, avoiding any area designated as an avoid point.

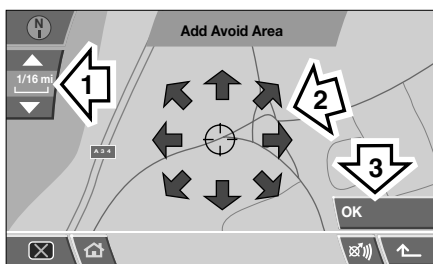


From the Stored Locations menu, select **Avoid Points**.



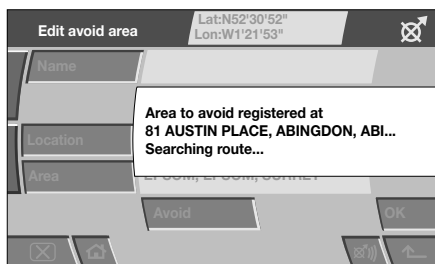
From the next screen, select **Add**. The map of your route is displayed.

Stored Locations



LAN0945ENG

1. Use the zoom button to select a suitable scale on the map.
2. Touch the arrow icons to locate the general area you wish to avoid during your route. If necessary, zoom in on the area again to locate your avoid point accurately.
3. When the avoid area is located correctly, select OK.



LAN0038ENG

A confirmation screen is displayed and the area to avoid is stored.

Use the Edit and Delete functions from the Avoid Points menu to adjust the location of an avoid point, or to delete an avoid point from a route.



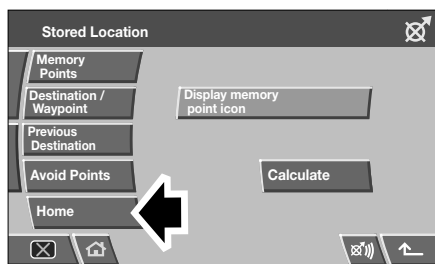
LAN0037ENG

The next screen gives you the opportunity to set the size of the avoid area. Use the **Reduce** and **Enlarge** buttons to find the exact area you wish to avoid. Touch **OK**.

Stored Locations

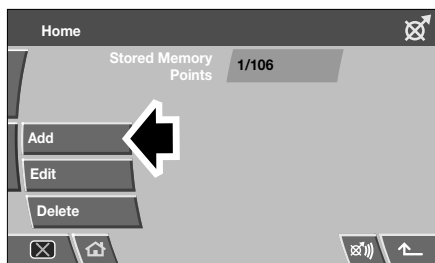
HOME

The Home function allows a stored destination to be selected quickly and therefore is most suited to a destination used frequently (but is not limited to the user's home address). Only one destination can be allocated as Home.



LAN0946ENG

From the **Stored Locations** menu select **HOME**.



LAN0947ENG

To enter a new Home destination, select **Add**.

Note: Select **Edit** to edit the details of the existing Home location and select **Delete** to remove the existing Home location.

Enter the Home destination as you would enter any other destination, adding attributes such as a name, icon, phone number etc.

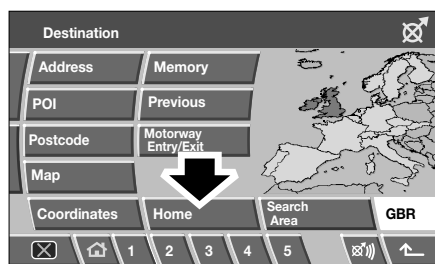
Note: If you intend to enter your home address, it may be advisable to enter an alternative location close by. This is so that in the event of your vehicle being stolen, you do not give away your home address.

Selecting Home as your destination



LAN0048ENG

Select **Destination Entry** from the Main Menu

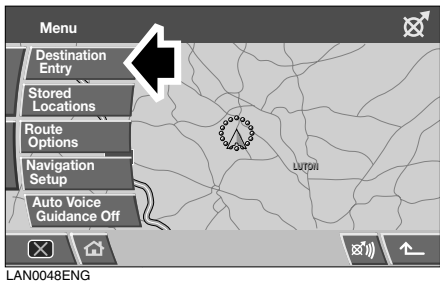


LAN0950ENG

Select **Home** from the Destination menu, then select **OK** to confirm.

Destination Entry

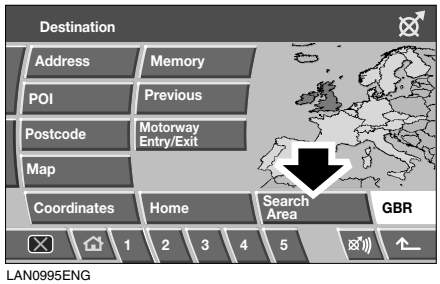
SETTING A DESTINATION



Select **Destination Entry** from the main Menu (select **Menu** from the map guidance display to view).

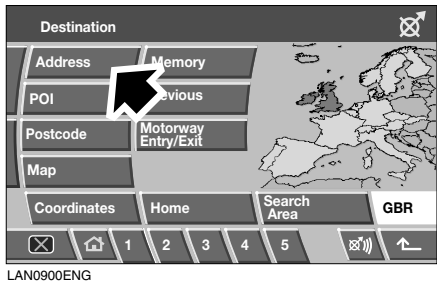
Search area

To reduce the time taken to calculate a route, map databases are divided into countries, or into areas of countries, called search areas. It may be necessary to change the search area that the navigation system is referencing (e.g. if you are travelling to another country), before setting your destination.



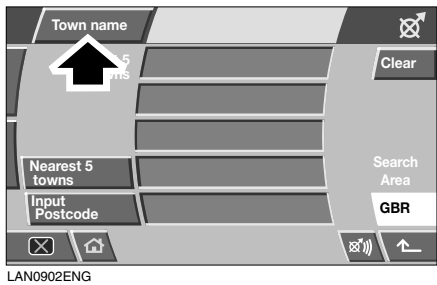
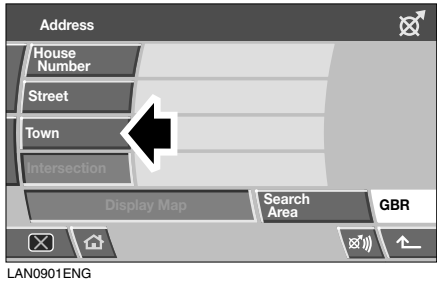
Select **Search Area** from the Destination menu. The currently selected search area is shown highlighted on the map. Select the search area (country) relevant to your journey, from the list of available areas.

Destination entry



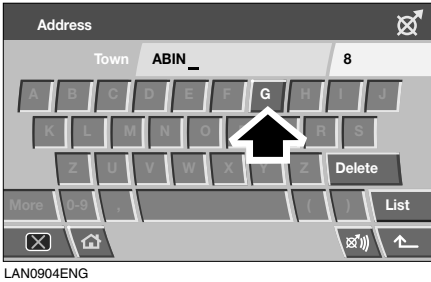
Select a method of entering the destination. For this example we will use **Address**.

Entering the town name

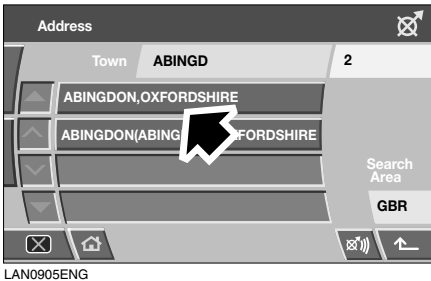


Select **Town**, then from the following screen select **Town name**.

Destination Entry



Use the keyboard to enter the name of the destination town. Only valid letters are available for selection and when enough letters have been entered for the system to offer a choice of destination, a list is displayed.

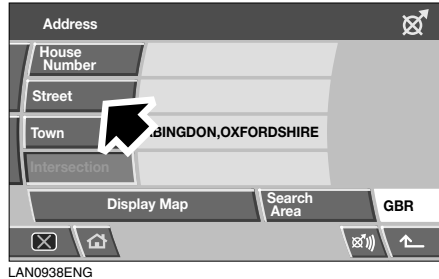


Select the desired destination from the list.

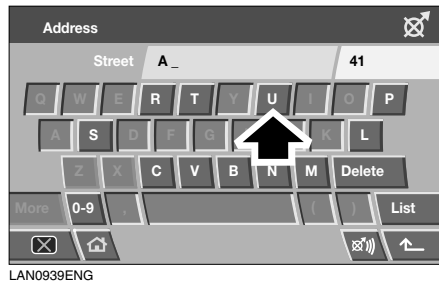
Note: The list of possible destination towns may only contain one option.

The display returns to the Address entry screen.

Entering the street name

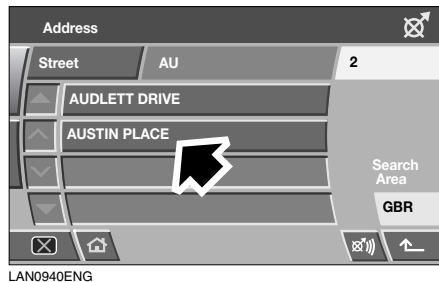


From the Address screen, select **Street**.



Now use the keyboard to enter the **Street** name.

Once again, only letters which are valid will be available for selection.

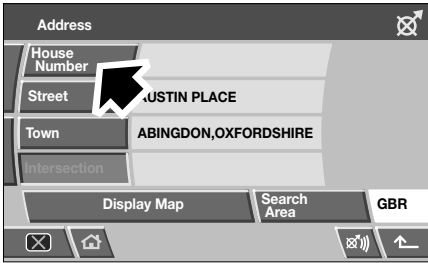


When the system recognises enough letters, the street or a list of streets will be displayed.

Select the street you require.

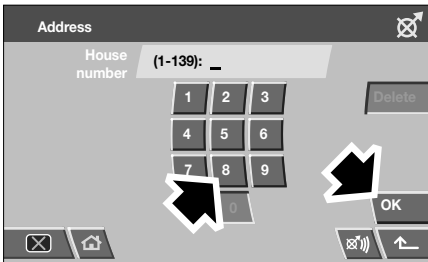
Destination Entry

Entering the house number



LAN0942ENG

From the Address screen, select **House Number**.



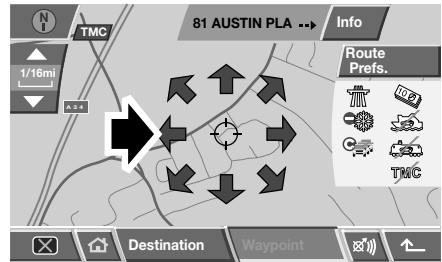
LAN0943ENG

Enter the **House Number** of the address (if known) then select **OK** to confirm.

If the house number is not known, select **OK** - the mid-point of the street is then used as the destination.

Note: If a list of house number ranges is displayed, select the applicable range and then enter the number.

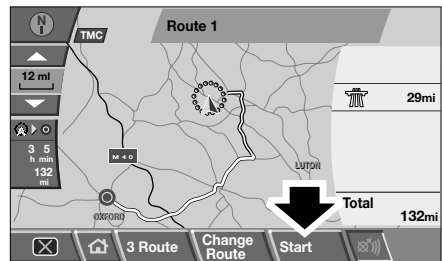
Once the address details have been entered, a map of the destination is displayed.



LAN0941ENG

Touch the arrow icons to fine-tune the destination location (if necessary).

If you do not need to set the route preferences, select **Destination** to start the route calculation. If you wish to set route preferences, see **ROUTE PREFERENCES, 46**.



LAN0997ENG

A map overview of the route is displayed, with the destination identified by a red circle containing a white ring.

If you are happy with the route shown and no waypoints are required for the route, select **Start** to initiate route guidance.

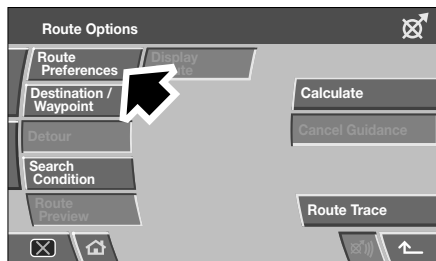
If you wish to view alternative routes to your destination, select **3 Route**. See **ALTERNATIVE ROUTES, 47**.

If you wish to add waypoints to a route, select **Change Route**. See **SETTING WAYPOINTS, 47**.

Destination Entry

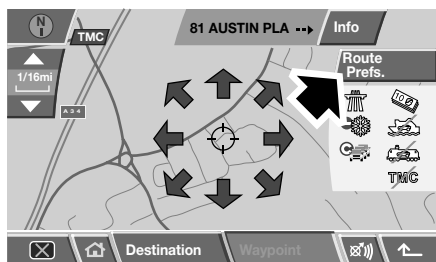
ROUTE PREFERENCES

Use the Route Preferences facility to select which route options you require the navigation system to use when calculating your route (e.g. major roads, toll roads, restricted roads etc.).



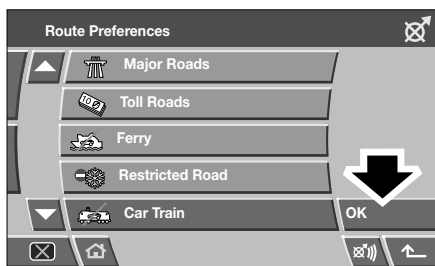
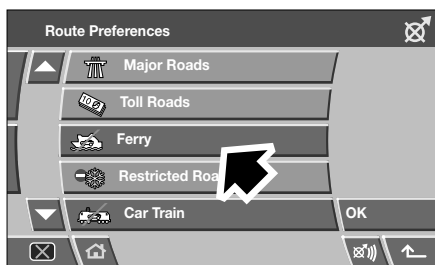
LAN0951ENG

To change the route preferences select **Route Preferences** from the Route Options menu (accessible from the main Menu), or



LAN0015ENG

Select **Route Prefs.** from the destination confirmation screen.

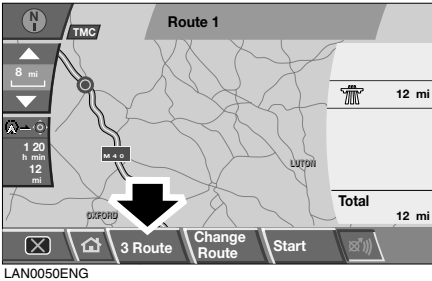


LAN0016ENG

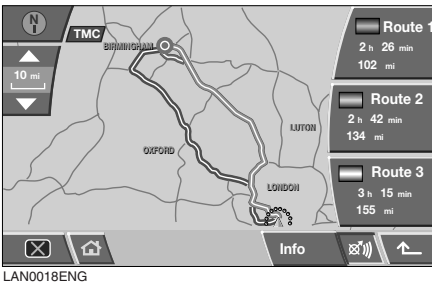
Use the arrow buttons to scroll through the list. Touch to highlight (orange) the desired options and then select **OK**.

Destination Entry

ALTERNATIVE ROUTES



From the map overview of the route, select **3 Route**. A choice of three different routes is displayed on the map, each highlighted in a different colour.



On the right of the screen, the three routes are listed, along with the distance and estimated time of each route.

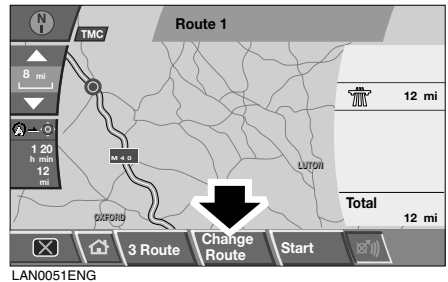
Select **Route 1**, **2** or **3** by touching the respective box.

SETTING WAYPOINTS

A waypoint is a location that you wish to visit as part of your journey to your destination (e.g. a place to eat, a hotel or a tourist attraction).

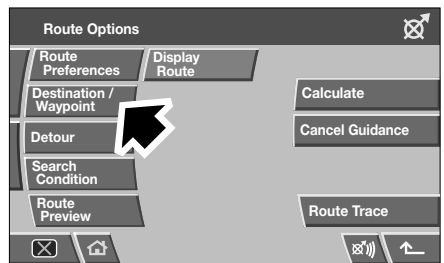
Note: A Destination must be entered before any Waypoints can be set.

Set waypoints for your journey after setting the destination, but before starting guidance. See **SETTING A DESTINATION, 43**.



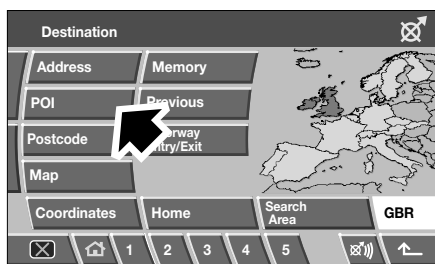
From the map overview of the route, select **Change Route** to access the Route Options menu.

Note: It is also possible to access the Route Options menu from the main Menu.



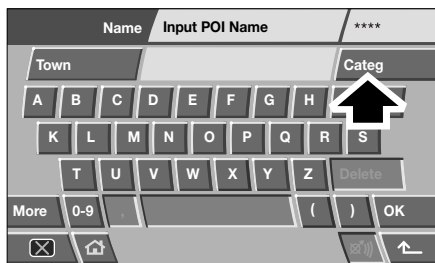
Select **Destination/Waypoint**, then select **Add**.

Destination Entry



LAN0952ENG

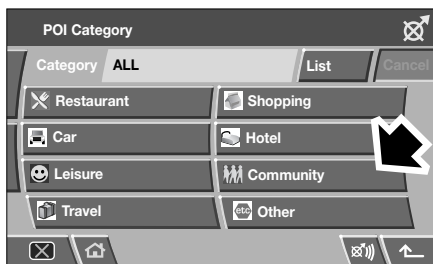
Select the method of entering a waypoint. For this example, **POI** is selected, then from the next screen select a method for locating a POI (e.g. **POI Name**).



LAN0971ENG

Enter the POI name using the keyboard.

Alternatively, select **List** to view all POI's alphabetically, or select **Categ.**, to search for a POI by category. For this example, we will search for the POI by **Category**.



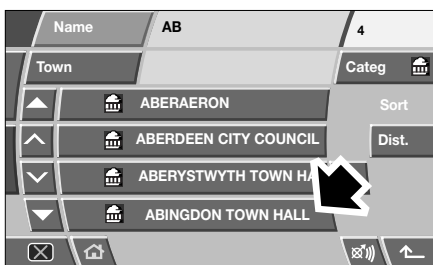
LAN0972ENG

Select the desired category from the POI list (e.g. **Community**).



LAN0973ENG

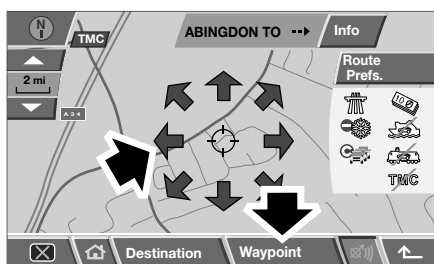
From the Community POI list, select the desired POI type (e.g. **Town Hall**).



LAN0974ENG

Enter the name of the POI using the keyboard. Once enough letters have been entered, a list of possible POI's is displayed. Use the arrow buttons to scroll through the list and select the chosen POI (e.g. **Abingdon Town Hall**).

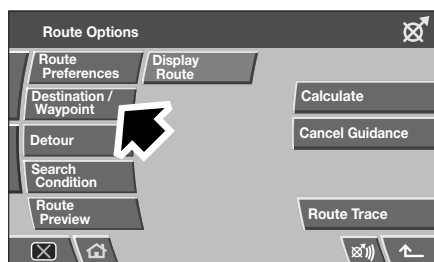
Destination Entry



LAN0975ENG

A map of the POI location is displayed. Use the arrow icons to fine-tune the POI location (if required), then select **Waypoint**.

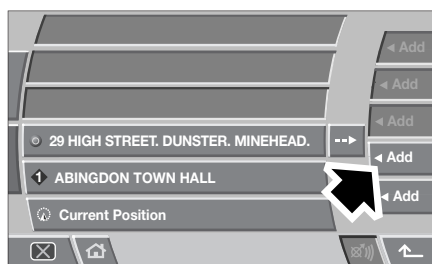
A confirmation screen is displayed briefly, before the display returns to the Route Options menu.



LAN0962ENG

Select **Destination/Waypoint** to add another waypoint for your journey or select **Calculate** to let the system calculate your route.

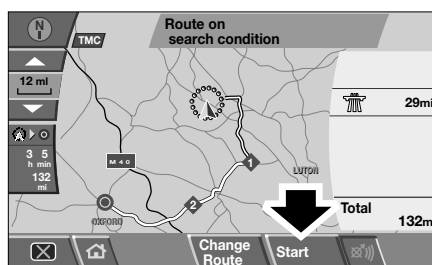
If you choose to add another waypoint, follow the same process again, but after the waypoint location map is displayed and Waypoint is selected, a list of the waypoints and the destination is displayed.



LAN0976ENG

To add the waypoint to the route in the correct order, select the appropriate **Add** button alongside the list. In this example, as we are adding a second waypoint, select the **Add** button pointing between the first waypoint and the destination. The Route Options menu is displayed.

Select **Destination/Waypoint** to add another waypoint, or select **Calculate** to let the system calculate your route, incorporating any set waypoints.



LAN0977ENG

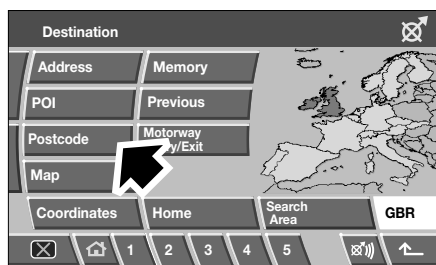
The system will configure the selected route and the route guidance map is displayed, showing the waypoints (numbered) and destination.

Select **Start** to start route guidance.

Destination Entry

POSTCODE

If you know the postcode of your destination, then use this facility to enter your destination. This facility is not available in all countries.



Select **Postcode** from the Destination menu, then enter the postcode of your waypoint or destination using the keyboard. Ensure that any spaces and punctuation are entered, otherwise the system may not recognise the postcode.

Postcode formats

The following is a list of countries where the navigation system provides full postcode entry:

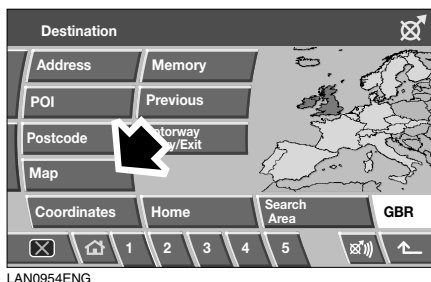
- | | |
|-----------|------------------|
| • Austria | • Italy |
| • Belgium | • Luxembourg |
| • Denmark | • Spain |
| • France | • Switzerland |
| • Germany | • United Kingdom |

The following is a list of countries where the navigation system provides reduced postcode entry:

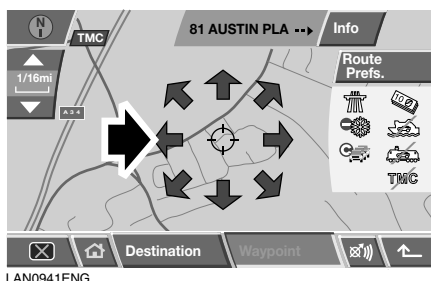
- Netherlands - The four numeric digits only, e.g. 4817.
- Sweden - Only the first three digits of the postcode can be entered, e.g. 162 00 must be entered as 162.

When the postcode has been entered, touch **OK**.

MAP



After selecting **Map** from the Destination menu, the local area map is displayed. If the destination or waypoint is not shown on the map, use the zoom button to increase the area.



Touch the arrow icons to scroll the map so that the circle is over the area for your destination or waypoint, zooming in if required.

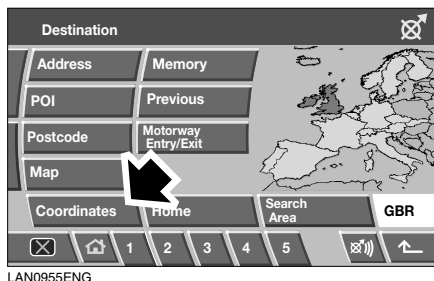
Select **Destination** or **Waypoint** accordingly.

Note: A Destination must be entered before any Waypoints can be set.

Destination Entry

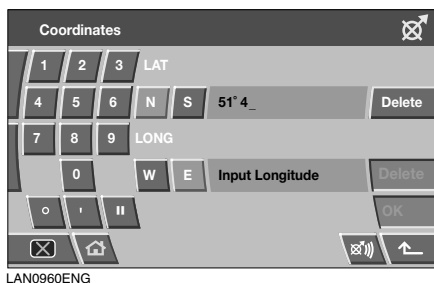
COORDINATES

If you know the coordinates of your destination they can be entered using this facility.

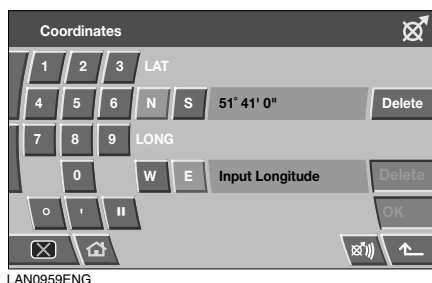


Select **Coordinates** from the Destination menu.

Note: The full latitude must be entered first before the longitude coordinates can be entered.



Use the keypad to enter the Latitude, using the symbols for degrees (°), hours (') and minutes ("), where appropriate.

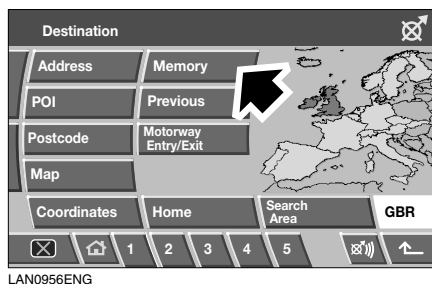


Repeat the process to enter the Longitude of the destination.

When the coordinates have been entered, touch **OK**.

If the coordinates entered are not within the area the navigation DVD covers, a message will be shown. This can also occur if the incorrect coordinates have been entered.

MEMORY



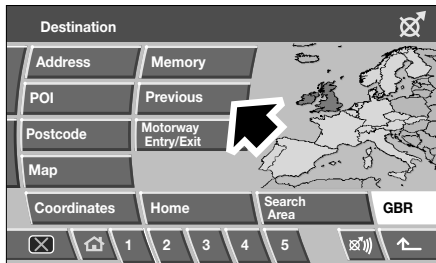
Select **Memory** from the Destination menu.

The list of stored Memory Points is displayed. Use the arrow buttons to scroll through the list. Touch to select the memory point you wish to use as your destination. The details are displayed for confirmation.

Destination Entry

PREVIOUS

This feature allows you to select a destination, previously entered into your navigation system, as a destination or as part of a route itinerary.



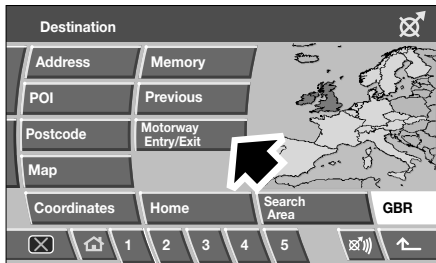
LAN0958ENG

After selecting **Previous** from the Destination menu, the screen shows a list of stored previous destinations. The list can contain up to 20 stored locations. At this point you can select or delete a stored destination. Use the arrow buttons to scroll through the list, then touch to select your destination. The details are displayed for confirmation.

Note: Whilst driving, list scrolling is not active. You can only choose from the items shown at the top of the list.

MOTORWAY

This enables you to select a motorway exit or entrance as a destination or as part of a route itinerary.



LAN0958ENG

From the Destination menu, select **Motorway Entry/Exit**.

The process for setting a Motorway Entry/Exit as a destination is the same as that used for entering a Memory Point. See **To add a memory point, 35**.

Compass

COMPASS

The map display can be orientated in two ways, North up, and Vehicle heading up.



North up: If this icon is displayed in the top left corner of the screen, then North is always at the top of the screen. Touch the icon to

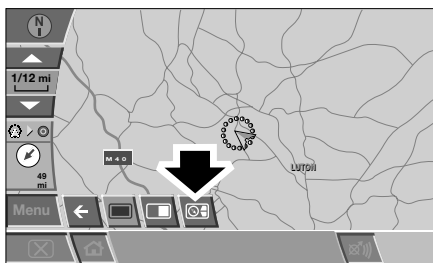
change to Vehicle heading up.



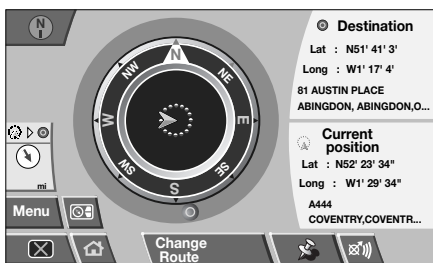
Vehicle heading up: If this icon is displayed in the top left corner of the screen, then the vehicle heading is always towards the top of the screen. Touch the icon to change to

North up.

Viewing the compass screen

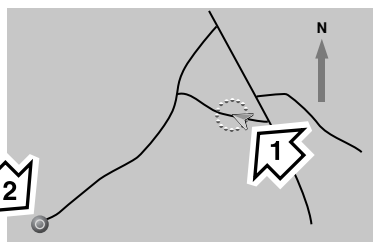
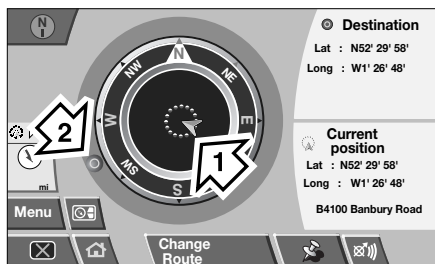


LAN00994ENG



LAN0043ENG

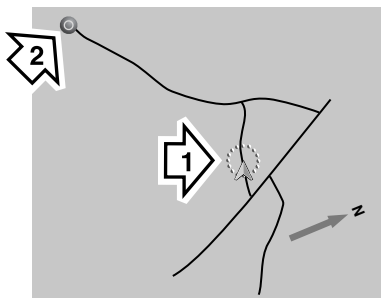
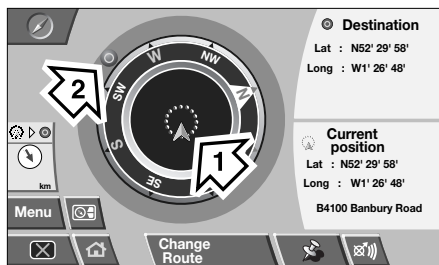
Select the compass icon and the compass screen will be displayed.



LAN0066ENG

The illustration above shows the map display in North up mode. The vehicle position arrow (1) faces its compass direction of travel and item (2) is the destination or next waypoint.

Compass

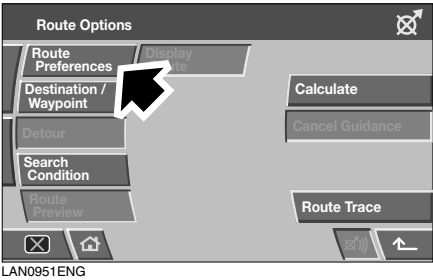


LAN0067ENG

In this illustration, the compass is in Vehicle heading up mode, where the vehicle position arrow (1) faces upwards to the top of the map and item (2) is the destination or next waypoint.

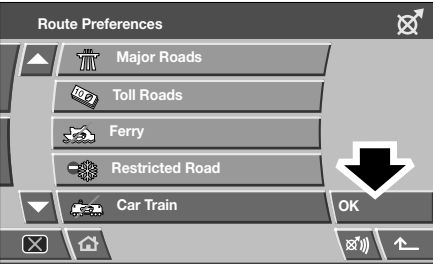
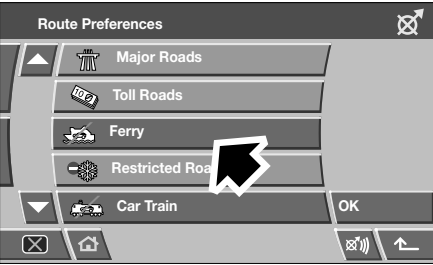
Route Options

CHANGING THE ROUTE SETTINGS



This menu provides various methods of altering the current route. To view the Route Options menu, select **Route Options** from the main menu.

Route preferences



Route preferences inform the navigation system which road/travel options should be included in the route calculation.

Touch to highlight (orange) the desired options. See **ROUTE PREFERENCES, 46**.

Select any of the following:



Major Roads



Toll Roads



Ferry



Restricted Roads



Car Train



Congestion Charge



RDS-TMC

Route Options

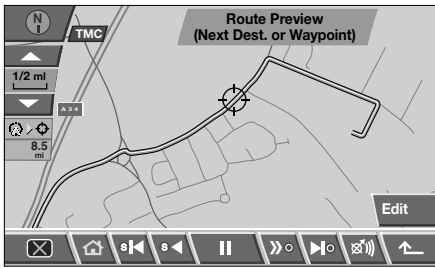
Destination/Waypoint

Select to add waypoints or change the destination of the current route. See **SETTING A DESTINATION, 43** and **SETTING WAYPOINTS, 47**, for further information.

Detour

Select to create a detour from your current route.

Route Preview



This facility provides a turn-by-turn preview of the entire route. Use the icons at the bottom of the screen through the preview as follows:



Select to start playback of the route.



Select to jump to the destination or next waypoint.



Select to fast forward through the preview. Only available during playback.



Select to pause the preview playback.



Select to preview the route backwards, from the destination to the start point.



Select to jump back to the start point of the route.

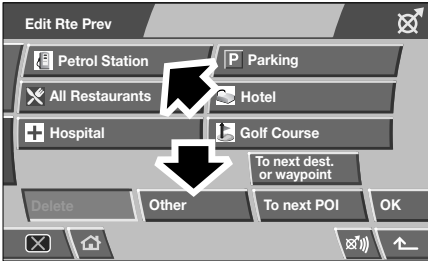


Select to fast reverse through the route.

Note: *If waypoints have been included in the route, the preview/review will play or fast forward to the next/previous waypoint. Select the appropriate control to continue the preview.*

Route Options

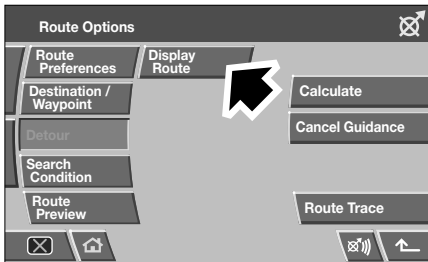
It is also possible to display POI icons on the preview. Select **Edit** on the preview screen.



Touch to highlight the POI categories that you wish to view on the route preview (e.g. **Petrol Station**). If the desired category is not listed, select **Other**, for the full list.

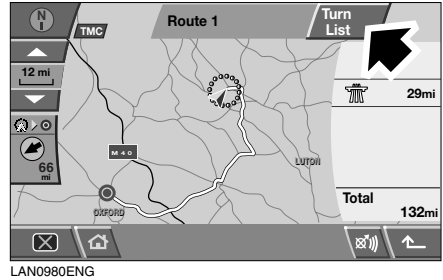
Note: The Route Preview edit menu also allows you to change other playback settings, such as whether playback runs to the next waypoint/destination, or to the next POI on the route.

Display Route



Select to view an overview of the entire route.

Turn List



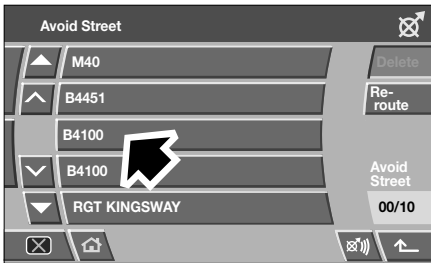
Select to view the list of roads, distance to travel on each road and a representation of each junction (roundabout etc.).



Use the arrow buttons to scroll through the list. From the turn list, it is possible to select roads that you want to avoid on the route.

Select **Street Avoid** to view a list of the roads encountered along the route.

Route Options

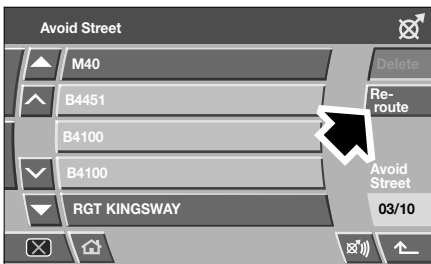


LAN0982ENG

Touch to highlight (orange) the road(s) you wish to avoid (e.g. B4100).

A confirmation screen is displayed. Select **Yes** to confirm. The display returns to the Avoid Street menu. Select any other street from the list, using the arrow icons to scroll through the list.

If you need to cancel an Avoid Street selection, touch the relevant street icon from the list (the highlight disappears).



LAN0983ENG

When the streets that need to be avoided have been selected (highlighted), select **Re-route**. The navigation system recalculates the route, avoiding the streets selected, and then returns to the route overview map screen.

Select **Start** to commence guidance.

Calculate

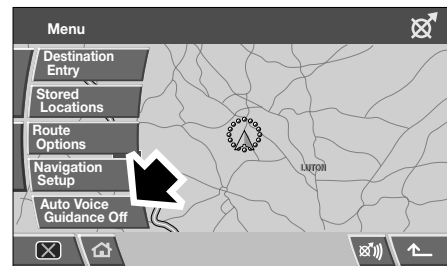
Select after changing any route options. The navigation system calculates the route to the destination, incorporating any changes made.

Cancel Guidance

Select to cancel guidance and clear the current route. A confirmation screen is displayed.

Select **Yes** to confirm.

AUTO VOICE GUIDANCE OFF



LAN0984ENG

Touch to highlight (orange), to mute navigation route voice guidance. Touch again to deselect.

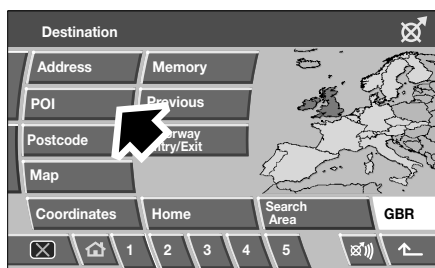
Note: The repeat last voice guidance icon operates normally, irrespective of whether voice guidance has been muted or not.

Points of Interest (POI)

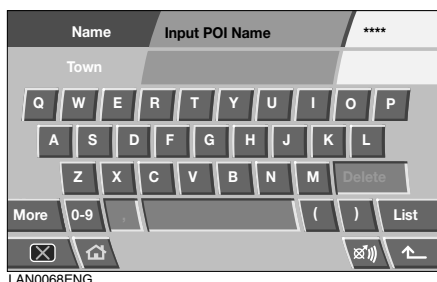
INTRODUCTION

The Navigation System DVD contains information about a large number of points of interest (POI). There are many categories of POI, including fuel stations, restaurants, railway stations and hospitals.

This chapter explains how to select a specific POI. A selected POI can be set as a destination.

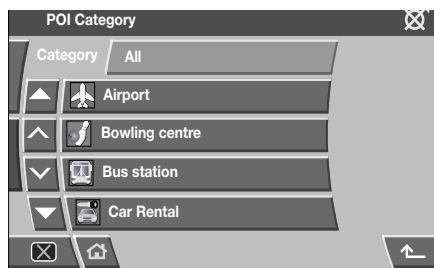


From the **Destination Entry** menu, select **POI**.



Input the POI name, for example Petrol to display fuel stations on the map, or touch **List** for a list of POI's.

Note: If entering a POI name results in too many matches being listed, try entering the town name first. If you do not know the name of the POI you want, try selecting a POI category.



Use the arrow buttons to scroll through the list of POI's.

Some POI's are sub-categorised. As an example, selecting **Community** will be further divided into:

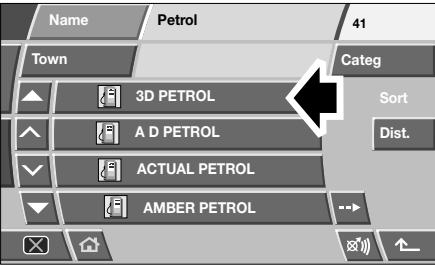
- Community Centre.
- Exhibition Centre.
- Hospital.
- Park & Recreation.
- Town Hall

For details of all POI icons, see **LIST OF ICONS, 61**.

When the appropriate POI has been selected, the system begins to search for a route to that POI.

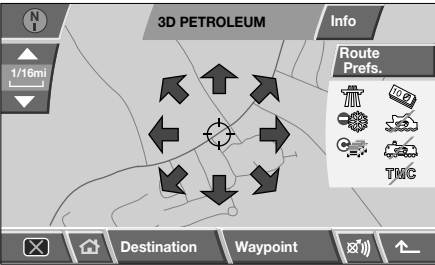
Note: POI icons can only be displayed up to the ½ mile (1 km) zoom level.

Points of Interest (POI)



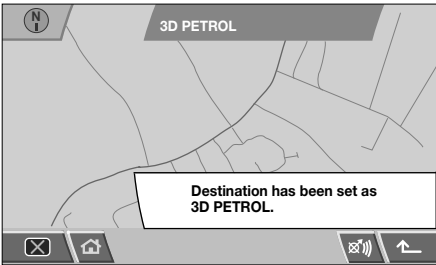
LAN0070ENG

For this example choose **Petrol Station** and **3D Petrol**.



LAN0045ENG

A map screen showing the POI location is displayed. Touch the arrow icons to fine-tune the location if necessary. Select **Destination** or **Waypoint**, as appropriate, to set the POI either as your final destination or as a waypoint on route to your destination.



LAN0071ENG

A confirmation screen is displayed, followed by the map screen showing the destination details and route settings.

Select **Start** to initiate guidance.

POI ICON DISPLAY

After selecting a category, the map display shows the location of each POI in the selected category, indicated by the appropriate POI icon.

For information about a particular POI, touch the desired POI icon.

Points of Interest (POI)

LIST OF ICONS

Restaurant



All Restaurants



Chinese



French



Italian



Japanese



Other Restaurants

Car



Car Rental



Compressed Natural Gas



Land Rover Dealer



Liquid Petroleum Gas



Parking



Petrol Station

Points of Interest (POI)

Leisure



Bowling Centre



Casino



Cinema



Golf Course



Ice Skating Rink



Music Club



Ski Resort



Sports Centre



Theatre



Tourist Attraction



Vineyard

Points of Interest (POI)

Travel



Airport



Bus Station



Commuter Train Station



Ferry Port



Motorway Service Station



Park & Ride



Railway Station



Tourist Information

Shopping



Shopping Centre

Hotel



Points of Interest (POI)

Community



Community Centre



Exhibition Centre



Hospital



Park & Recreation



Town Hall

Others



Historical Monument



Museum



Town Centre



University/College

Points of Interest (POI)

CANCELLING POI ICON DISPLAY

If the display of POI icons is no longer required, they can be turned off as follows:

- Touch the map screen to display the additional buttons.
- Touch **POI** to return to the Quick POI menu and select **POI Off**, to cancel the display of POI icons on the map.

DEALER LOCATIONS

Details of Land Rover Dealers are held on the Navigation System DVD as a 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 may only be possible to the nearest town centre; a warning message will be displayed.

If Land Rover Dealers (or certain other categories, such as airports) are selected, they will be displayed across all search areas.

ENTRY BY TOWN

If a town name is entered first, the points of interest listed will be restricted to those that exist in the chosen town.

- From the Input POI Name screen, touch **Town**.
- Enter the town name required.
- Touch **List** to display the list of possible towns.
- Select the town required.

The Input POI screen is displayed again.

- Enter the POI name required.

ENTRY BY CATEGORY

If a POI category is selected first, the points of interest listed will be restricted to that category.

OTHER SELECTION METHODS

The previous examples show the three basic methods of searching the POI database, i.e. POI name only, town before POI name, and category before POI name.

Town centres

The POI database holds town centre locations. To select a town centre, proceed as follows:

- From the Input POI Name screen, enter the town name required in the **Name** text area. (Do not select the **Town** button.)
- Touch **List** to display the list of matches.
- For the town centre, select the entry showing the town name only.

The map is displayed showing the town centre location.

Note: *In some cases, more than one town centre location may be listed.*

Points of Interest (POI)

CATEGORIES AND SUB-CATEGORIES

The POI database is divided into a number of categories. Each main category is further divided into a number of sub-categories.

For example, the first entry in the list of Restaurant sub-categories, is **ALL**. This selects all of the Restaurant sub-categories.

To narrow the search, touch the **Town** button. This will display the alpha keyboard, to allow the desired town name to be entered.

Search area

When searching the database, only points of interest in the current search area are included, except for the sub-categories marked 'All search areas' in the POI category list.

List button

The List button becomes active when sufficient characters have been entered for the navigation system to display a list of possibilities. The list is displayed automatically when the number of entries reduces to four or less.

You can also select **List** (when active) without entering a POI name. All the relevant points of interest will be displayed, e.g. in a selected town or category.

All button

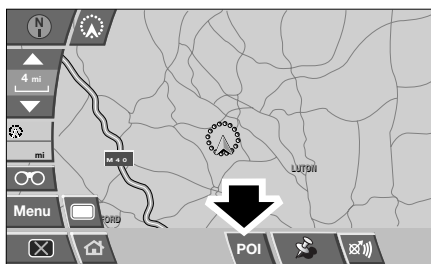
The **All** button returns to searching all categories after selecting one specific category.

QUICK POI SELECTION

A total of five POI's can be selected for viewing on the route map.

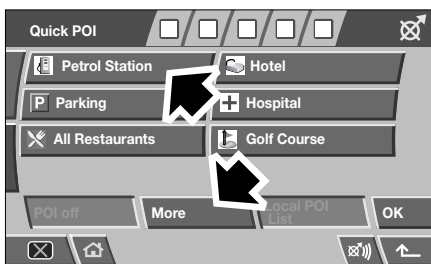
Changing the Quick POI Categories

The six default Quick POI categories can be changed as required.



LAN0911ENG

- From the map guidance screen, touch anywhere on the map.
- Touch the **POI** button.

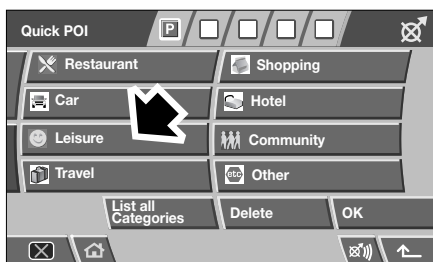


LAN0912ENG

- Select the Quick POI category that you wish to replace.

The screen shows the full list of POI categories.

Points of Interest (POI)



LAN0913ENG

- Select the new category required from the list.

The screen shows the new selection of category icons.

- Repeat for another category icon if required.
- Touch **OK** to apply the new settings.

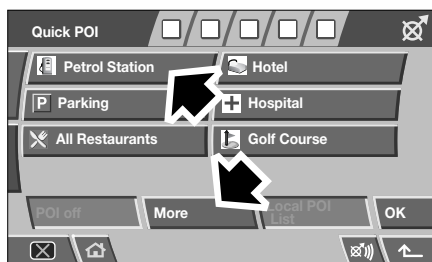
SELECTING A QUICK POI CATEGORY



LAN0911ENG

- Touch the map guidance screen, then touch the **POI** button. The screen shows the six categories currently selected for quick points of interest.

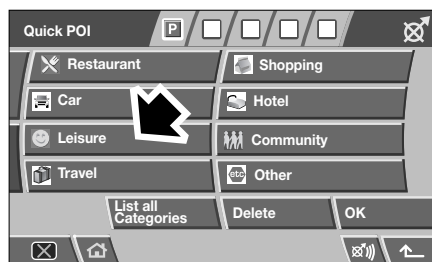
Note: The POI button will not be active if the zoom level is below 1 km (½ mile).



LAN0912ENG

- Select up to five Quick POI categories to view on the map display. The chosen POI icons are displayed in boxes at the top of the screen.

If the POI you require is not one of the six Quick POI's, select **More** to view further POI's.



LAN0913ENG

Select a category from the eight listed, to view the sub-categories, or select **List all Categories** to view all POI's alphabetically.

Points of Interest (POI)



LAN0914ENG

1. Use the arrow buttons to scroll through the list.
2. Select the required POI. The associated icon appears in one of the boxes at the top of the screen.
3. When all required POI's have been chosen, select **OK**.

The map guidance screen is displayed with chosen POI icons.

Local POI search

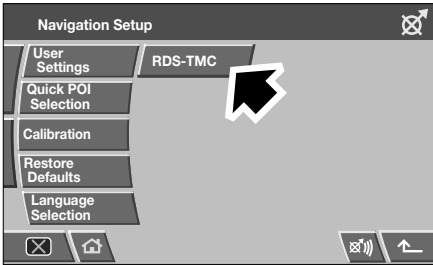
This selects the points of interest in all categories within 32 kilometres (20 miles) of the vehicle.

- Touch the map guidance screen, select **POI**, then select **Local POI List**.

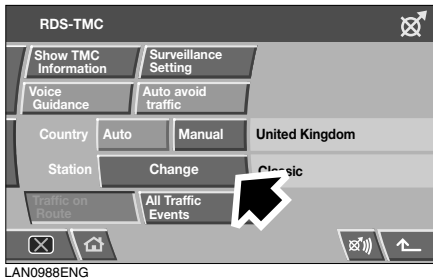
RDS-TMC

RDS-TMC OVERVIEW

Radio Data System-Traffic Master Channel (RDS-TMC) is a feature that detects traffic hold-ups on the road network. It uses radio programmes to seek these hold-ups.



Select **RDS-TMC** from the Navigation Setup menu to access the TMC menu.



Touch the **Change** button - the system begins a search of all radio stations being received in your locality.

The tuner will scan the FM frequency once and this may take a few minutes. 'Searching...' will be displayed while scanning is in progress.

When a station is found which is offering TMC information, the RDS name is shown on the list and the search for more stations will continue.

Note: In the United Kingdom the station giving TMC information is Classic FM.

You can stop the search at any time and select any stations presented on the list, by touching the **Change** button or the button next to the desired station in the list.

RDS-TMC Display



When a TMC signal is received, the icon in the top left of the map guidance screen will appear grey.



If a TMC signal is not being received, the icon will be shown with a bar through it.

The system will inform the driver of any roadworks, narrow road, contraflow, accidents, slippery road, diversion, information, parking information, congestion or other hazard.

The driver is informed of a traffic event as follows:

- A TMC Event icon shown on the map at the location of the event. See **RDS-TMC EVENT ICONS, 70**.
- Text can be displayed showing the details of each occurrence. Select by touching the TMC Event icon or by selecting **Show TMC Information** from the RDS-TMC menu.
- Voice guidance will describe the event on the route. This information will be repeated when the repeat last voice guidance button is selected.
- Dynamic route guidance, which calculates an alternative route when the system receives the traffic event warning.
- Traffic event list shows all events sorted by road name/distance on your selected route in a straight line or along your actual route.

The information regarding the hold-up is maintained and updated even if the vehicle crosses into another country.

RDS-TMC EVENT ICONS

Any traffic event (broadcast on TMC) in your area, will be displayed as a warning icon on the map and a more detailed alert may be displayed. Voice guidance will also inform you of the hold-up when an event icon exists on the current route.

This data is stored in the system for up to a maximum of 30 minutes.

The colour of the TMC icon changes in order to show the type and priority of a TMC event. The background colour of the icon returns to normal when there is no longer an event or hold-up, or if any re-route instructions are calculated.

The TMC Event icons appear on the navigation map display to indicate the location and nature of a TMC event.

Note: *TMC Event icons will appear on the map, even if the event does not occur on your route.*

Icon category, classification, priority and colours are shown as follows:

Level 1 TMC event icons



Incident (Red star)



Moving Tailback Ahead (Red arrow)



Moving Tailback Both Carriageways (Red double arrow)



Slow Traffic Ahead (Yellow arrow)



Slow Traffic Both Carriageways (Yellow double arrow)



Information (Yellow circle)



Incident (Yellow star)



Stationary Traffic Ahead (Red arrow pointing on line)



Stationary Traffic Both Carriageways (Red double arrow pointing on line)

RDS-TMC

Level 2 TMC event icons



Other Hazard (Yellow)



Roadworks (Pink)



Narrow Road (Pink)



Contraflow (Pink)



Accidents (Pink)



Slippery Road (Yellow)



Diversion (Yellow)



Parking Information (Grey)



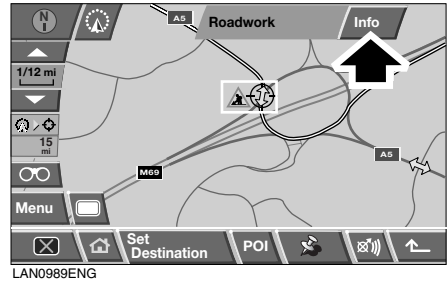
Information (Grey)



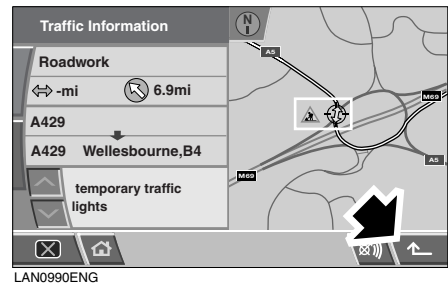
Congestion (Red)

Using event icons

If you require further information about a traffic event, touch the event icon on the map screen.



The map display will zoom in on the event icon and an additional icon is displayed to identify the nature of the event (e.g. road works) and a message box appears at the top of the screen. Select **Info** for further detail of the traffic event.



The detailed information appears alongside a reduced map screen.

Touch the return button (arrowed) to return to the map guidance screen.

USING TMC

Dynamic route guidance

Dynamic route guidance will calculate an alternative route to avoid a traffic event, when the system receives an event warning.

The system calculates a new route for all sections. However, if any way points are set, the system calculates for the next way point.

If the event on route is serious (closed road) or if the new route is shorter than the current one and the current one was not recalculated within the last 5 minutes, then a message to confirm the new route will be displayed. This pop-up message will be displayed for 10 minutes and if the new route is not rejected, then the vehicle will follow the new route.

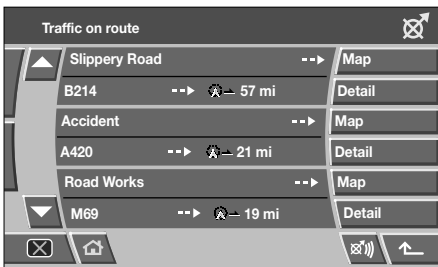
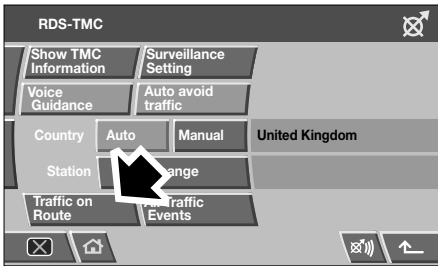
Voice guidance

While voice guidance is on, the system will give audio guidance for traffic events on route.

If the on route event icon is touched (see **On route event icon, 73**), with voice guidance switched on, the audio message will be repeated. If the icon is grey, the audio guidance function has been switched off and touching the icon will not repeat any message.

After the vehicle passes the event, you will be notified of the next nearest event on route. Audio messages are not given if you are in that event.

Traffic on route



LAN0046ENG

While the vehicle is on the guidance route, the system will generate a traffic event list for that route when you select **Traffic on Route**.

The traffic event list will identify the cause of the event, the road that the event is affecting and the distance to the event. To view more detail about an event, or to view a map of the event area, select the relevant **Detail** or the **Map** button alongside the event list.

If a route is calculated but the vehicle is not on the highlighted route, a pop-up error message is displayed.

RDS-TMC

On route event icon

The on route event icon will show a traffic event as a line of stationary vehicles with the distance to the start point of the event. Touch the icon to repeat audio guidance (when audio guidance is switched on).

The icon will be displayed on the map under the following conditions:

- The map scale is between 50 m and 4 km (1/32 mile and 2 miles).
- RDS-TMC setting is on and there are some events on the route.

The on route event icon will show the nearest event on the route and the distance to the event.

All traffic events

When the All Traffic Events button on the RDS-TMC setting screen is touched, all traffic events are listed by road name. If an event occurs on more than one road of your route, the system will list it with the first road name.

Each event is seen as text information from the menu.

While the list is being displayed the information is not updated.

When you select a road, the system shows traffic events, if there are any, with the basic information.

Note: The maximum text length displayed is 24 characters.

The basic information screen shows:

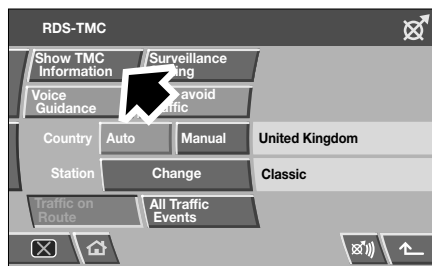
- Road number.
- Brief information of the event.
- Direction and distance to the start point of the event (in a straight line).

Up to 20 events can be shown in distance order from the current vehicle position. If the event list is longer than three the remaining can be seen by scrolling the screen.

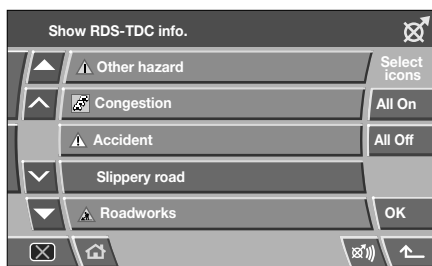
When the **Map** button is touched, the map screen will display the place of the event start point. The scale is always 500 m (1/4 mile). If the event has finished, the map screen will still be displayed when the Map button is touched but no event icon will be shown on the map.

When the **Detail** button is touched, the system shows the detail of that event.

Show TMC Information



Select to choose which traffic events you wish to be warned of on the map guidance screen.



Use the arrow buttons to scroll through the list of traffic event types. Touch to highlight (orange) the traffic events required.

Select **All On** or **All Off** to highlight all or none of the options.

Select **OK** to confirm.

RDS-TMC

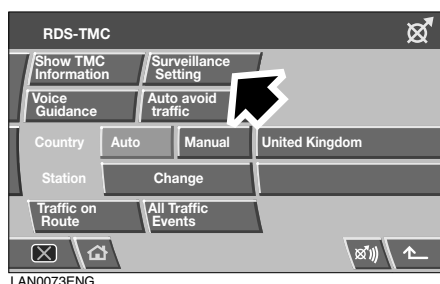
SURVEILLANCE SETTING

It is possible to set a TMC surveillance area which can be viewed at any time.

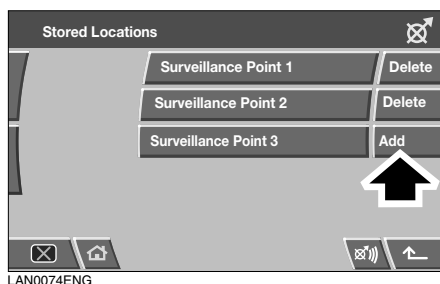
RDS-TMC radio data for the selected surveillance area must be available and TMC must be enabled, in order to show TMC events in this area

This is a convenient feature for setting an area through which you frequently travel and which may be subject to slow or stationary traffic.

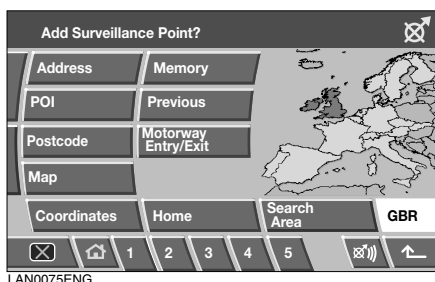
Up to three surveillance areas can be stored.



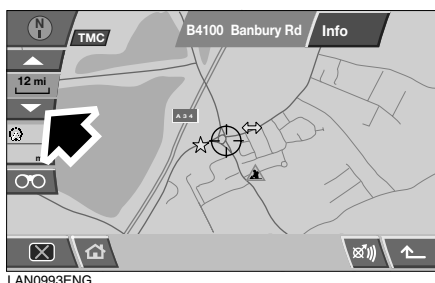
From the RDS-TMC menu, select **Surveillance Setting**.



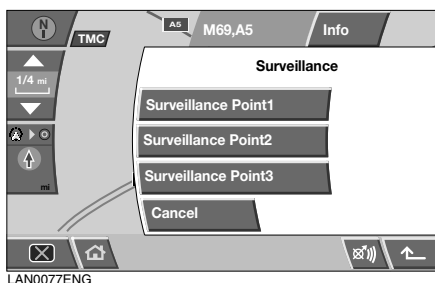
Select **Add**.



Choose any of the methods above to select a surveillance area. Setting the location of a surveillance area is similar to entering a destination or waypoint.

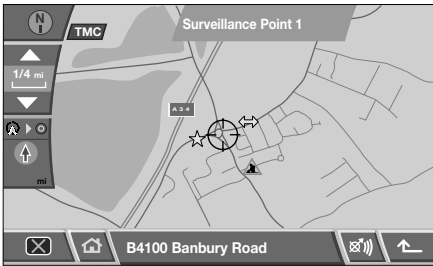


If you select Map you can position the area accurately by zooming in.



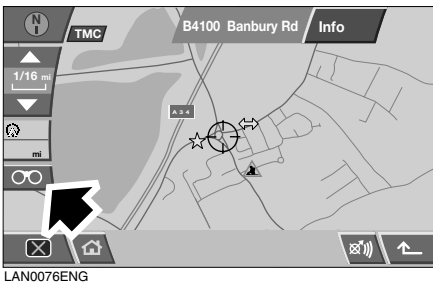
Choose to save as any one of the three choices.

RDS-TMC

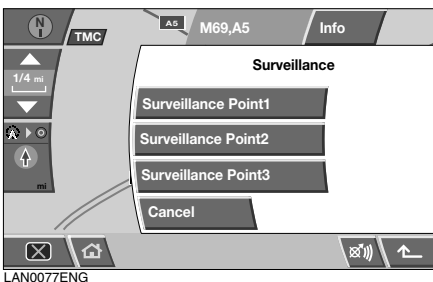


The map will display the saved area.

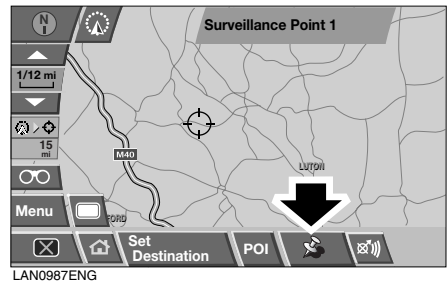
Accessing a surveillance point



Select the surveillance icon on the map guidance screen.



Select the surveillance point you wish to view.



The chosen surveillance point is displayed. Any traffic events will appear as icons on the map.

- Select **Set Destination** to set the surveillance point as the destination or as a waypoint.
- Select **POI** to view POI's in the locality of the surveillance point.
- Select the marker pin button (arrowed) to set the surveillance point as a memory point.

End User Licence Agreements

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EUROPEAN DECLARATION OF CONFORMITY

Hereby, DENSO CORPORATION declares that this DN-NS-019 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.



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