

## Contents

|                                      |           |
|--------------------------------------|-----------|
| <b>Introduction</b>                  | <b>2</b>  |
| <b>Keycode Security</b>              | <b>3</b>  |
| <b>Audio System Quick Start</b>      | <b>4</b>  |
| <b>Audio System Operation</b>        | <b>6</b>  |
| <b>Climate Control Quick Start</b>   | <b>14</b> |
| <b>Climate Control Operation</b>     | <b>15</b> |
| <b>Navigation System Quick Start</b> | <b>21</b> |
| <b>Navigation System Operation</b>   | <b>26</b> |
| <b>Safety Information</b>            | <b>64</b> |
| <b>Hints and Tips</b>                | <b>65</b> |
| <b>Care and Attention</b>            | <b>66</b> |
| <b>Index</b>                         | <b>67</b> |

## Introduction

Your Ford DVD Navigation System with Touch-Screen incorporates the latest technology and features, easy-to-operate controls and easy-to-read graphics.

The system has many features including a full range of audio and climate control functions. To access these functions, press the relevant button on the unit bezel. This will take you into the selected mode.

### SYSTEM NOTES

The Ford DVD Navigation System with Touch-Screen is recommended for use when the ignition key is turned to the Accessory position, or when the engine is running. If the system is used extensively when the engine is not running, care needs to be taken to avoid draining the battery.

To clean the navigation system, please use a soft cloth that is moist, but not wet. Do not use any liquid or aerosol cleaning agents.



**WARNING** – The front glass on the liquid crystal display may break when hit with a hard surface. If the glass breaks, do not touch the liquid crystalline material. In case of contact with skin, wash immediately with soap and water.

The Ford DVD Navigation System with Touch-Screen is a high-grade laser product which uses a visible laser beam. If this is handled incorrectly it can emit dangerous rays. Do not attempt to look through any openings in the equipment into the interior.

**CAUTION** – Do not clean the system with solvents or aerosol cleaning agents. Use only a damp cloth.

Do not apply excessive force to the screen.

Do not insert foreign objects into either the CD changer, or the navigation system DVD map disc drives.

Do not insert more than one disc into the navigation system DVD map drive.

Use only 12 cm discs, or 8 cm discs with a suitable adaptor.

Do not attempt to open up the device itself – your Ford Dealer will be happy to assist you if the equipment should develop any faults.

Improper use of other settings and connections than those presented here can cause damage to the equipment.

## Keycode Security

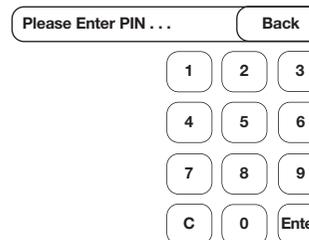
### KEYCODE SECURITY

Ford audio units incorporate a unique Keycode security number that must be entered before the unit will operate. Normally, the Ford Dealer does this during the pre-delivery inspection.

If the battery is disconnected for any reason, or the audio unit is removed from the vehicle, the Keycode must be re-entered before the unit will work again.

### To enter a Keycode

If power to the electronic navigation system is interrupted, when you next switch on, 'Please enter PIN' is shown on the title bar of the screen.



### If an incorrect Keycode is entered

If the Keycode is entered incorrectly, 'Code incorrect please wait' is shown in the title bar and the keypad is toned down. A time is

shown which indicates when the next attempt can be made. If the code is entered incorrectly 10 times, 'Audio pin lockout' is shown in the title bar and 'Audio PIN lockout please contact your dealer' in the main text area.

### VEHICLE IDENTIFICATION (VID)

Every vehicle has a unique vehicle identification number. When this is entered into the unit, it helps the police to locate the true owner of a recovered unit.

**Note:** The vehicle identification number is stamped on a tag fixed on the left-hand side of the instrument panel. It can be viewed through the windscreen from outside the vehicle.

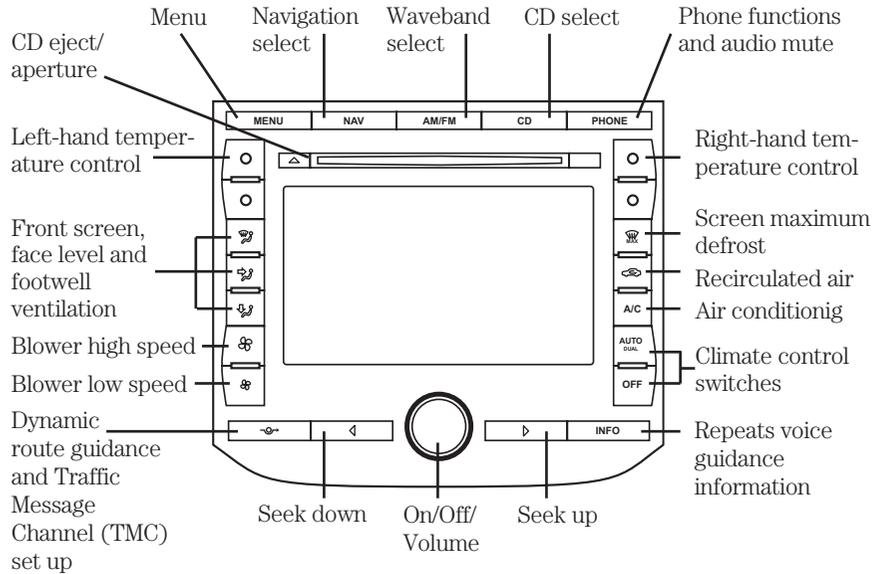
The vehicle identification number is entered into the navigation system during production and can only be adjusted using special diagnostic tools. If the navigation system unit is moved to another vehicle then 'Security Check Failed' will be shown in the title bar and 'Vehicle ID does not match. Please contact your dealer' will be shown in the main text area.

If the navigation electronic control unit is moved to another vehicle, 'Serial numbers are not compatible. Please contact your dealer' will be shown in the main text area.

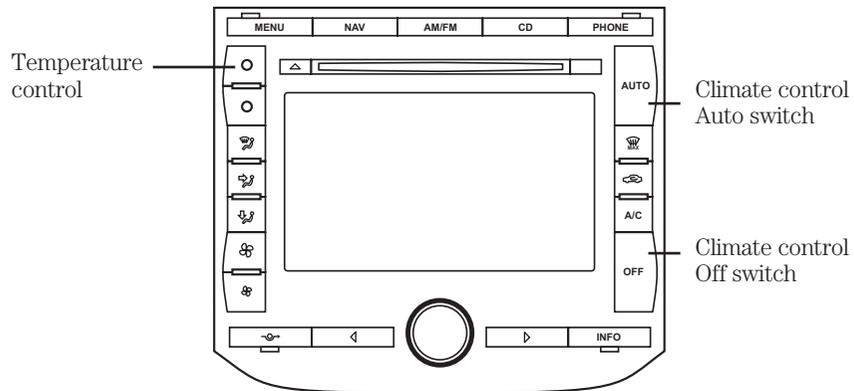
## Audio System Quick Start

### AUDIO SYSTEM QUICK START

#### Dual Zone Climate Control System (depending on model)



#### Mono Zone Climate Control System (depending on model)



## Audio System Quick Start

### To play a radio station:

1. Ensure that the ignition and the Navigation System are ON.
2. Press the AM/FM button on the bezel and select the required waveband: FM1/FM2/FM AST/AM/AM AST.

**AM/FM**

3. Tune up or down the frequency to the desired radio station. The soft keys (touch screen keys) perform a scan function. The keys on the bezel are Seek, unless Manual Tune is engaged in which case the bezel keys perform the manual tune

4. When the desired station has been selected, touch and hold one of the preset buttons to store the station.

### To play a CD:

1. Ensure that the ignition and the Navigation System are ON.
2. Press CD button on the bezel.

**CD**

3. Ensure that a CD is loaded in the system. No CD will appear in the display if there are not any CDs already loaded into the system.

4. If another source is already playing, press CD to begin play. If another source is not playing, the CD will begin play once it is inserted. Use the touch controls or bezel keys to advance tracks, scan etc.

 Some manufacturer's copy protected CDs do not conform to international standards and playback cannot be guaranteed. Irregular shaped discs, dirty, damaged, over-thick double-sided DVDs and discs with a scratch protection film or self adhesive labels should not be used.

## Audio System Operation

### Volume/Power control

Press to turn the navigation system on/off. Turn to raise or lower volume. The levels will be displayed on the screen.

To activate the navigation mode, press the NAV button on the bezel.

NAV

To adjust the navigation voice output level, adjust the volume control only when the navigation system is speaking. Otherwise, it will adjust the radio levels. The navigation volume can also be set on the Volume Preset Screen.

### Automatic Volume Control (AVC)

With this feature, radio volume changes automatically with vehicle speed to compensate for road and wind noise. To engage the AVC feature:

1. Press AM/FM or CD.
2. Press MENU.
3. AVC is located in the middle of the screen. Touch to turn on/off or set volume level (1 to 7).

AVC OFF 1 2 3 4 5 6 7

### AM/FM select

The AM/FM control works in radio, CD and navigation modes.

AM/FM

Radio reception factors:

- Distance/strength. The further an FM signal travels, the weaker it is. The listenable range of the average FM station is approximately 40 km (24 miles). This range can be affected by “signal modulation”. Signal modulation is a process radio stations use to increase their strength/volume relative to other stations.
- Terrain. Hills, mountains and tall buildings between your vehicle’s antenna and the radio station signal can cause FM reception problems. Static can be caused on AM stations by power lines, electric fences, traffic lights and thunderstorms. Moving away from an interfering structure (out of its “shadow”) returns your reception to normal.
- Station overload. Weak signals are sometimes captured by stronger signals when you pass a broadcast tower. A stronger signal may temporarily overtake a weaker signal and play while the weak station frequency is displayed.

### AM/FM select in radio mode

Press to switch between FM1, FM2, FM AST, AM, AM AST memory preset stations.

## Audio System Operation

### AM/FM select in CD mode

Press to stop CD play and begin radio play.

### AM/FM select in navigation mode

To access, press AM/FM. The system will switch to the radio screen.

### CD select

To begin CD play (if a CD is already loaded), press the CD button on the bezel.

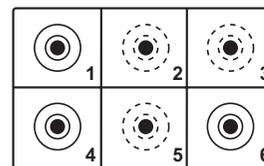
CD

CD play will begin where it stopped last. If a CD is not already loaded into the system, insert a disc.

When the Audio Menu Screen is selected, the CD button selects the last used CD source: either single CD or CDDJ (if fitted).

If AUX is enabled in the Audio Menu, the CD button will toggle between the last used CD and AUX.

To change between single CD and CDDJ, press the discs on the touch-screen.



### Sound function

To access settings for Bass, Treble, Balance, Fade, DSP (Digital Signal Processing) and AVC modes:

1. Press AM/FM or CD.
2. Press MENU.
3. Select from Bass/Treble/Bal/Fade or DSP/AVC mode. Touch the BTBF button shown, to display the detail screen; DSP has 6 options and AVC 7 levels.

|             |          |
|-------------|----------|
| <b>Bass</b> | <b>0</b> |
| <b>Treb</b> | <b>0</b> |
| <b>Fade</b> | <b>0</b> |
| <b>Bal</b>  | <b>0</b> |

4. Press either the +/- buttons to increase/decrease the levels, or alternatively, directly touch the level indication bar.



**Bass:** Allows you to increase or decrease the audio system’s bass output.

**Treble:** Allows you to raise or lower the audio system’s treble output.

**Fade:** Allows you to adjust sound between the front and rear speakers.

**Balance:** Allows you to adjust the sound distribution between the right and left speakers.

**DSP (Digital Signal Processing):** Provides a choice of preset acoustic environments. The available settings are ‘All’, ‘Driver’,

## Audio System Operation

'Passenger', 'Pop', 'Classical' and 'Rock'. 'All' gives a conventional stereo environment. 'Driver' optimises the sound image to suit the driver's position whilst 'Passenger' does the same for the front seat passenger.

AVC (Automatic Volume Control): Automatically compensates for road speed related noise.

### Seek function

The bezel seek down/seek up control buttons work in all modes.

### Seek in radio mode

- Press the left button to find the next listenable station down the frequency band.
- Press the right button to find the next listenable station up the frequency band.



### Seek in CD mode

- Press to seek to the previous track of the current disc. If a selection has been playing for three seconds or more and you press the seek button, the CD changer will replay that selection from the beginning.
- Press to seek forward to the next track of the current disc. After the last track has been completed, the first track of the current disc will automatically replay.

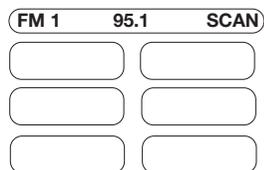


### RADIO STATION MEMORY PRESET

The radio is equipped with six station memory preset controls. These controls can be used to select up to 12 preset AM stations (AM/AM AST) and 18 FM stations (FM1/FM2/FM AST).

#### Setting memory preset stations

1. Select the frequency band with the AM/FM select control.



2. Select a station.

3. Press and hold a memory preset until the sound returns. The station name or frequency will appear in the preset.

### AUTOSTORE MEMORY PRESET

Autostore allows you to set strong radio stations without losing your original manually set preset stations. This feature is helpful on trips when you travel between cities with different radio stations.

## Audio system operation

### Starting Autostore memory preset

1. Select a frequency band using AM/FM.



2. Touch Autostore.



3. When the stations are filled, the station stored in memory preset control 1 will start playing. If there are less than six strong stations available on the frequency band, the remaining memory preset controls will all store the last strong station available.

### TUNE ADJUST

The tune feature works in radio mode. Press the buttons on the bezel to manually move up/down the frequency band.

### CD selection (Tune adjust in CD mode)

Where a 6-disc autochanger is fitted, the currently loaded slots are shown in the CD screen. Touch on the required disc to start playing that disc. Touch on the CD/MP3 button to the right of the CD changer display to switch between single CD and 6-disc autochanger.



### Scan function

Touch either of the scan buttons for a brief sampling of all listenable stations and CD tracks.

Touch again to disable and remain on the current selection. Or alternatively, touch a preset button to store the station.



Where a CDDJ is fitted, Scan All will sample tracks on all CDs.

### Random

When in CD mode, touch Random to engage and disengage the shuffle feature. All tracks on the current disc will be played in random order. If in CD Autochanger mode, you can toggle between repeat off - repeat track - repeat disc. This is also the case for Shuffle.



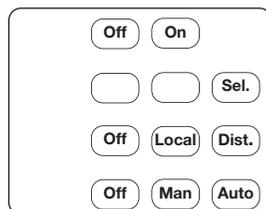
### RDS settings

When selected, RDS traffic information broadcasts from certain stations will automatically interrupt radio or CD playback at a preset volume level. To access the RDS settings screen, touch the RDS button (bottom left touch button). This gives the option to select News Programmes Interrupt, Traffic Announcements (either local or distant) and AF control. This also allows for a PTY seek. To do this touch the Select button in

## Audio system operation

the PTY box. A list of PTY categories will be displayed on multiple pages. Select the categories that you wish to search for and then touch Back. Touching the up and down arrows in the PTY box will now search the FM band for stations which are of the selected type. If none are found, this will be displayed on the RDS button.

TA = D



### Compression

The compression feature works in CD mode and boosts more quiet music and lower louder music to minimise the need for volume adjustments. When in CD mode, touch Compress to engage or disengage the compression feature.

Comp

### TRAFFIC MESSAGE CHANNEL (TMC) SET-UP

TMC stations are broadcast on the FM waveband. To enter the TMC settings screen, press the Dynamic Route Guidance (DRG) button (bottom left of the bezel). This displays the RDS-TMC screen. On this screen are the options to Display TMC icons and use dynamic route guidance.



Touch the select RDS-TMC station button on this screen. From the selection screen, touch the Scan button to scan through the FM band to add all stations which are found transmitting RDS-TMC data.

Touching the button to the left of one of these stations will tune the TMC tuner to this station. You can also set a particular station as a default and activate the auto function. Auto is useful because it will automatically change station if reception is lost on the currently selected station and tunes into a station automatically every time the unit is powered on. Once this is completed press the NAV button on the bezel to return to the main screen.

## Audio system operation

### MP3

Playback from discs with MP3 and audio tracks

The audio unit scans each loaded disc searching for MP3 and audio tracks. The time this takes will depend entirely on the number of tracks, files, folders and sessions on the disc.

### MP3 track navigation

MP3 tracks may be recorded on the CD in several ways. They can all be placed in the root directory like a conventional audio CD, or they can be placed in folders that may represent, for example, an album, an artist, or a genre. Folders may even be nested within other folders.

The normal playing sequence on CDs with multiple folders is to play the tracks in the first folder, then the tracks in any folder nested inside the first folder, then the second folder, and so forth.

Note: The unit will always play MP3 tracks in alphabetical order. If you record your own MP3 discs, and want to dictate a specific order of play, you must ensure that each track file name starts with a number, e.g. 001-sunshine-ladyb.mp3, 002-augustsong-robert.mp3, etc. The unit will still play in alphabetic sequence, but the number will ensure that 001 is played before 002, and so forth.

### MP3 display options – selecting display information

When an MP3 disc is playing, certain information encoded in each track can be displayed on the unit. File name and folder name is all that is normally displayed. Pressing the 'i' button shows the full information of the track. This is displayed for 10 seconds and then removed. Additional buttons appear in the display screen to skip up and down the folders.

### Shuffle

The shuffle feature operates with MP3 in a similar way to Random in CD mode. Shuffle options are off, shuffle tracks in the current folder, and shuffle tracks in all folders.



### PHONE

The PHONE button controls phone functions when a PBT phone module is fitted.

Pressing the PHONE button will mute audio playback allowing you to conduct your phone call without distraction. Press any button to cancel audio playback mute.

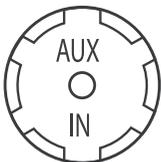


**Note:** For operating details of Bluetooth systems, please refer to the appropriate guide.

## Audio system operation

### AUXILIARY INPUT (AUX IN) SOCKET

Located in the vehicle glove box, this socket permits an auxiliary device, like a portable MiniDisc or MP3 player, to be linked into the vehicle audio system, so that output can be played through the vehicle speakers.



To listen to an auxiliary device, plug it into the glove box socket using a 3.5 mm conventional 'headphone type' electrical connector.

From the Audio Menu, select AUX. Playback will be heard through the vehicle speakers from the AUX source.

To disconnect the auxiliary device, pull out the plug-in electrical connector and use the vehicle audio unit buttons to restore playback from the vehicle audio unit.

The vehicle audio unit buttons can also be used to restore playback from the vehicle audio unit, while the auxiliary device remains connected.

### CD CHANGER

#### Loading the disc magazine

The CD changer magazine takes up to six discs, numbered 1 to 6 starting from the bottom.

#### To load a disc:

- Apply slight pressure to the changer unit door. It will open when you release it.
- Press the eject button and remove the magazine.
- Insert individual discs, label side up, into each slot until they click into position.

Do not insert more than one disc in each slot.

#### To remove a disc

Pull out the individual tray containing the disk and remove it.

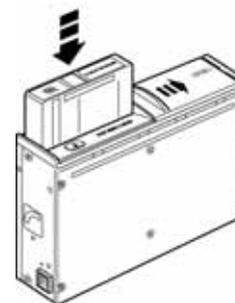


## Audio System Operation

### Inserting the magazine

An arrow on the magazine shows which direction to insert it into the CD Changer. Press firmly until the magazine clicks into position, then close the changer door.

**Note:** The CD changer is not installed in the same place in all vehicles. Please refer to your Owner Guide for the exact location.

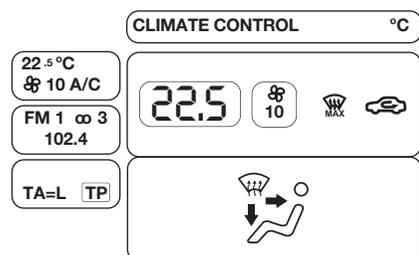


## Climate Control Quick Start

### CLIMATE CONTROL QUICK START

The climate control system is available in two configurations: mono zone, or dual zone.

To operate the climate control, touch the button on the display screen. Select the temperature(s) and the Dual Automatic Temperature Control will then control the temperature of the air flow and adjust the blower speed and air distribution accordingly, thus evenly creating a comfortable interior climate. The selected settings are indicated in the display.



When the navigation system and audio system are off, the climate control can still be operated and is shown on the screen (provided the ignition key is in the run position).

Touching the screen off button removes the climate control screen

from the display. However if any changes are made in this mode, a pop-up display will appear on the screen for 3 seconds to show the climate control system status.

To reinstate the climate control screen, touch any part of the screen, or press the On/Off button.

**Note:** The air conditioning operates only when the temperature is above +5°C, the engine is running and the Dual Automatic Temperature Control is switched on. It is recommended to close all windows completely when operating the air conditioning.

The sensors which measure the interior temperature are located to the left and right of the centre console. The sun load sensor is located on top of the instrument panel. The sensors should not be covered by any objects.

The air conditioning system extracts humidity from the cooled air (condensation) and you may notice a small pool of water underneath the parked vehicle. This is quite normal.

When entering a hot vehicle, open the windows for a couple of minutes to let out the hot air. This will aid cooling performance.

## Climate Control Operation

### AIR CONDITIONING

In AUTO mode, the air conditioning switches on automatically to achieve and maintain comfort and support demisting.



Press the A/C button to toggle the air conditioning on and off, ECO appears in the display.

Switching off the air conditioning can lead to a reduction in comfort levels and in certain circumstances, cause the windows to mist up.

Switch on the air conditioning (A/C button) when the interior temperature is too high or the windows start to mist up.

At low outside temperatures, when the system is in AUTO mode, the air stream will be directed to the front screen and the side windows as long as the engine is cold.

When switched on, the air conditioning uses energy from the engine. This results in higher fuel consumption. In order to save energy and to reduce fuel consumption, turn the air conditioning off when it is not needed.

### CLIMATE CONTROL RECOMMENDED SETTINGS

The recommended system settings are 22°C and AUTO mode. This setting is the best way to achieve and maintain a comfortable climate in the vehicle. Changing the temperature only affects the stable temperature desired, not the rate of heating and cooling.



### TEMPERATURE

Blue button: lower temperature.

Red button: higher temperature.

The recommended standard temperature setting is 22°C.

The individual temperature can be set between 16°C and 28°C using the buttons. In position LO (below 16°C) the system will switch to permanent cooling, in HI (above 28°C) to permanent heating, and not regulate a stable temperature.

**Note:** When the temperature is set to HI, the auxiliary heater is switched on automatically if needed.

## Climate Control Operation

### Mono mode

In mono mode, the temperature settings for both the driver's and passenger's side are linked. If the temperature is adjusted using the buttons on the driver's side, the settings will also be adjusted to the same setting on the passenger's side. In mono mode, MONO appears in the right-hand side of the display.

Setting different temperatures for the driver's and passenger's side:

Press the temperature buttons on the passenger's side to select the desired temperature for the passenger's side. The temperature for the driver's side will remain unchanged. The temperature settings for each side are shown in the display and MONO will extinguish from the display. It is possible to set a temperature difference of up to 4°C.

If one of the sides is set to HI or LO, both sides will be set to HI or LO.

### To toggle mono mode on and off

To toggle mono mode on and off, touch and hold the AUTO button for at least two seconds. If the system was in Mono mode MONO will extinguish from the display.

The driver and passenger side temperatures can now be adjusted independently of one another.

To return to mono mode, touch and hold the AUTO button for at least two seconds. MONO reappears in the display and the passenger's side temperature will be adjusted to the driver's side temperature.

### Blower

Touch the large fan icon button to increase blower speed.

Press the small fan icon button to decrease blower speed.

The blower speed setting is indicated in the left-hand panel in the display.



## Climate Control Operation

### AIR DISTRIBUTION

To adjust air distribution, press the desired button. The light in the button indicates operation. Any combination of settings can be selected simultaneously.

**Front screen:** All the air flows to the front screen and the side windows defrosting/ demisting vents. This can be selected with or without air conditioning and in combination with face level and /or footwell. This setting can also be selected in combination with recirculated air.



When defrost is selected, face level footwell and windscreen switch off automatically and the air conditioning switches on. Outside air will flow into the vehicle. Recirculated air cannot be selected.

**Front screen defrosting/ demisting:** Set the air distribution control to defrost. Outside air will flow into the vehicle. Air conditioning is automatically selected. As long as the air distribution is set to defrost, recirculated air cannot be selected. The blower speed and the temperature control operate automatically and cannot be adjusted manually. The blower is set to high speed and the temperature to HI. The auxiliary heater will be switched on automatically if needed.

When defrost is selected, the heated screens switch on automatically and switch off after a short time.



To return to auto mode, press AUTO or the button(s) with illuminated indicator lights.

**Face level:** All the air flows to the face level area.



**Footwell:** All the air flows to the footwell area.



**Recirculated air:** Press the recirculated air control to toggle between outside air and recirculated air. The indicator light in the button illuminates during operation. Use recirculated air e.g. to shut out unpleasant odours from the outside.



Recirculated air operation is not possible when the air distribution control is set to defrost.

## Climate Control Operation

### Automatic recirculated control:

When the system is in AUTO mode and the interior and exterior temperatures are quite hot, the climate control system automatically selects the recirculated air position to maximise cooling of the interior.

Once the selected temperature is reached, the system will automatically change to the outside air position. The indicator light in the button does not illuminate during automatic operation.

To switch off the Dual Automatic temperature Control, press OFF.



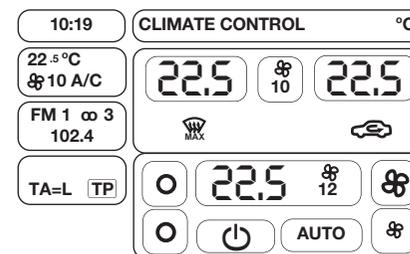
If the recirculated air button is also pressed when the system is off, no outside air will enter the vehicle.

Press any button (apart from the recirculated air button) to switch the Dual Automatic Temperature control back on.

## Climate Control Operation

### REAR CLIMATE CONTROL

When Rear Climate Control is fitted, the lower portion of the touch-screen will display the rear climate controls and settings.



The lower portion of the touch-screen display will incorporate rear climate buttons for the following: On/Off control; AUTO mode control; temperature setting increase and decrease; and blower speed setting increase and decrease.

The upper portion of the touch-screen can display the driver temperature and MONO in MONO mode, or driver and front passenger in DUAL mode, plus blower speed/AUTO mode.

The Rear Climate Control can be turned on and off independently of the front zone while the Front Climate Control is active. The rear climate control will automatically be turned off when the Front Climate Control is turned off.

When the Front Climate Control is operational, touching any of the Rear Climate Control touch-screen

buttons will activate the rear zone system.

The Front Climate Control setting for AUTO will not affect the rear climate AUTO setting, and vice versa.

While the AUTO mode is off, pressing the AUTO button will turn AUTO mode on. Once the AUTO mode is on, pressing the button will have no further effect.

The touch-screen AUTO button will not cause the MONO/DUAL mode to change to DUAL if rear AUTO is selected while the system mode is in MONO.

Cancellation of the AUTO mode is performed by the selection of either the large or small rear blower speed touch-screen buttons.



When the AUTO mode is off, the button will appear in its blue, inactive state. When the AUTO mode is on, the button appears in its orange, active state.

### Temperature adjustment:

When the Front Climate Control is in DUAL mode, the front and rear temperatures can be set

## Climate Control Operation

independently of one another. When the front climate is in MONO mode, the driver's instrument panel temperature buttons will control both front and rear temperature settings (provided the rear climate is turned on).

The temperature buttons will cause the MONO/DUAL mode to change to DUAL if these buttons are pressed while the system mode is in MONO.



Touching the 'red' or 'blue' rear temperature touch-screen buttons will raise or lower the temperature until the desired setting is reached. When maximum or minimum temperatures are reached, the relevant button will be greyed out and will not adjust the temperature any further.

The greyed out rear temperature touch-screen buttons can be re-enabled under two conditions: changing the temperature away from the maximum or minimum condition by touching either of the temperature buttons, or by touching the rear climate power button resulting in the rear climate being turned off.

### Blower speed:

The Front Climate Control setting for blower speed will not affect the Rear Climate Control blower speed setting, and vice versa.

Touching the increase (large fan icon) or decrease (small fan icon) rear blower speed touch-screen buttons will raise or lower the rear blower speed to the desired level. The MONO/DUAL mode will not change to DUAL if rear blower touch-screen buttons are pressed while the system mode is in MONO. When the minimum blower speed is reached the decrease button will be greyed out and will no longer decrease the blower speed. When the maximum blower speed is reached the increase button will be greyed out and will no longer increase the blower speed.



The greyed out blower speed buttons can be re-enabled under two conditions: changing the blower speed away from the maximum or minimum condition by touching either of the blower speed buttons, or by touching the rear climate power button resulting in the rear climate being turned off.

## Navigation System Quick Start

### NAVIGATION SYSTEM QUICK START

The Ford DVD Navigation System with Touch-Screen has a large range of features, yet is easy to use. Guidance can be given by voice prompts and is also shown on the display screen. The screen provides full information for operating the system through the use of menus, text screens and map displays. Screen selections are made by touching the desired selection on the screen.

**Note:** In order to conserve battery power, the system can be operated in one hour mode. If the ignition is in Off position, pressing the ON/OFF button will cause the system to switch on. The system will automatically switch off again after one hour if not switched off by the user.

### CAUTION!

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

### Using the system

For best results, always use the latest version of the map DVD

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

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

The following instructions explain how to operate the navigation system and give examples showing how to set a destination. After becoming familiar with the controls, follow the on-screen menus and prompts to operate the system as required.

To find a particular menu, see Menu Structure.

**Note:** In these instructions, the expression 'Select an item' (or similar wording), means 'Touch the on-screen touch button adjacent to the item required'.

## Navigation System Quick Start

### SAFETY INFORMATION

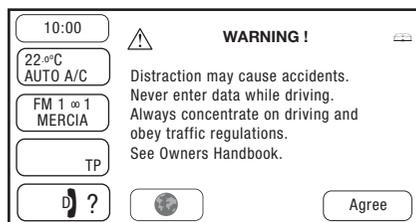
#### IMPORTANT!

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

The road safety caution is displayed each time the ignition is switched on, and the navigation system is selected.

The caution screen gives the following information:

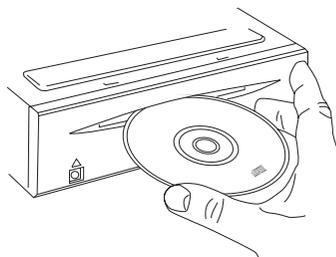
- Distraction may cause accidents. Never enter data while driving. Always concentrate on driving and obey traffic regulations. See Owners Handbook.
- Please read this Guide for operating instructions.
- Always obey traffic regulations.
- To use the system, read the caution and touch 'Agree'.



### LOADING THE MAP DVD

The navigation system DVD drive is located (depending on model) in the top of the glove compartment, or in the luggage compartment, behind the trim that covers the CD changer.

1. Ensure that the vehicle ignition is ON.



2. To ensure that a DVD is not already loaded in the navigation system slot, push the eject button.
3. Load the new map DVD with the printed side up. Do not allow moisture or foreign objects to enter the slot.

The navigation system utilises a database stored in a special format on a DVD. It is recommended always to use the latest update of this map DVD.

The navigation system will only work with DVDs specifically intended for your navigation system. Always store the map DVDs in their protective cases when not in use.

## Navigation System Quick Start

### ROUTE SETTING EXAMPLE

This is a simple example explaining how to use the basic features of the system to set a route. It describes each screen in turn and explains how to use the controls. For information relating to the other features of the system, see the relevant section in this Guide.

**Note:** Before using the system, check that the correct map DVD is loaded, see Loading the Map DVD.

#### 1. Selecting the system

**Note:** The ignition must be switched on.

To select the navigation system (if necessary), push the NAV button on the bezel of the touch screen panel. The road safety caution will be displayed. To use the system, read the caution and touch Agree.



#### 2. Map display

The initial map screen showing the current vehicle position is displayed.

Press MENU to select the Navigation menu.



### 3. Navigation menu

The Navigation menu is the top level menu of the system, and shows the main functions that are available.

Touch Destination Entry to select the Destination Entry menu.



### 4. Destination entry menu

The Destination Entry menu shows the options available for setting a route. The map inset shows the currently selected area, which the system will use when searching for destination addresses.

Touch Address to enter the destination details for the desired route.



**Note:** If your route destination is not within the area highlighted on the map, another search area must be selected.

## Navigation System Quick Start

### 5. Enter street name

Enter the street name by touching the letters required. (For more information, see Text Input.)

When sufficient characters have been entered, touch List.

|             |                   |   |   |   |     |
|-------------|-------------------|---|---|---|-----|
| Street      | Input Street Name |   |   |   |     |
| Town        |                   |   |   |   |     |
| A           | B                 | C | D | E | F   |
| I           | J                 | K | L | M | N   |
| Q           | R                 | S | T | U | V   |
| Y           | Z                 | - | - | & | Oth |
| <b>List</b> |                   |   |   |   |     |

The list of possible streets from the characters entered is displayed.

Select the street required.

**Note:** In this example, the street name is entered first. Addresses can be entered in other ways, e.g. town name first.

### 6. Select town

The screen shows the list of towns where the street name entered occurs.

|        |             |
|--------|-------------|
| Street | High Street |
| Town   | Lon_        |

Select the town required.

**Notes:** 1. If there is only one town match, this step is omitted.

2. If a large number of matches is found, the alpha keyboard screen is displayed. To enter the desired town name, press the A-Z button.

3. For more information about the list, see Town Name Lists.

### 7. Enter house number

Enter the house number by touching the digits required.

|          |                    |   |
|----------|--------------------|---|
| House No | Input House Number |   |
| Town     |                    |   |
| 1        | 2                  | 3 |
| 4        | 5                  | 6 |
| 7        | 8                  | 9 |
| 0        | -                  |   |

For more information, see Number input.

When all the digits have been entered, touch Enter.

**Notes:** 1. If a list of house number ranges is displayed, select the range applicable.

2. If the street does not have house numbers, or the house number is not known, just touch Enter. The midpoint of the street will be used as the destination.

### 8. Confirm destination

The map screen showing the destination details, and the current route settings is displayed.

## Navigation System Quick Start

Touch Dest. to confirm as a destination.

The screen shows 'Calculating Route' while the route is calculated.

**Note:** For information on using way points, see Route calculation.

### 9. Start guidance

When the route calculation has been completed, the map display shows the entire route, and the route information at the top of the screen.

Touch Start (or commence driving).

### Alternative routes

The system will also calculate at least one alternative route (where possible). The alternative route(s) can be viewed and selected in place of the original route if required.

To view an alternative route, touch Next.

### MODIFICATION OF ROUTE

**WARNING!**  
Only operate, adjust or view the system when it is safe to do so.

If you wish to amend your route, press Change Route > Cancel Guidance. Go back to step 1 and enter a new route.

### 10. Route guidance

After touching Start, the initial map screen while under guidance is displayed. The route is shown highlighted, with the current road name shown in the text area at the bottom of the screen.

Drive away, following the voice guidance given by the system. Continue to follow the voice guidance until the end of the route is reached.

### 11. Arrival at destination

When the vehicle reaches the end of the route, the screen shows the destination address details. Arrival at the destination is also confirmed by voice guidance. The system is now ready for further use.

## Navigation System Operation

### NAVIGATION SYSTEM CONTROLS

All the navigation controls, except the Navigation, Menu, DRG and Information buttons on the bezel, are touch controls displayed on the screen.

#### MENU button

Displays the Navigation menu.



#### Cancel/back button

Returns to the previous menu, text screen, or to the map display.



#### NAV button

The Navigation button selects the navigation system. While the navigation system is selected, it selects the initial map display from any other screen. After scrolling, it returns the system to the map display of current vehicle position.



**Notes:** 1. If the navigation system was selected when the ignition was switched off, it will be selected automatically when the ignition is switched on again.

2. When switching back to navigation from another touch screen system, pushing NAV will return the system to the particular navigation screen being displayed previously.

#### Map orientation buttons

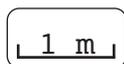
These buttons select the desired map orientation (north, or vehicle heading to the top of the screen). The current selection is shown on the map.



**Note:** Above the 2 miles (4 km) zoom level, only north orientation is available.

#### Zoom control

Selects the desired map zoom level by touching one of the arrow symbols. The currently selected scale is shown.



#### INFO button

While under guidance, repeats the last audible instruction.



## Navigation System Operation

**Notes:** 1. If the manoeuvre point has been passed, the audible instruction for the next manoeuvre point will be heard.

2. Repeat is also available while one of the other touch screen systems is selected (but not during a phone call).

#### Additional touch buttons

These buttons are displayed after touching the map display.

#### Home button

Sets a route to the home position (only displayed when a home position is set).



#### Chg. Route button

Displays the Route Options menu to make changes to the route preference settings (only displayed when a route is set).

#### Ent. Dest. button

Stores a selected map location as a destination. (See Confirm destination.) Displayed in place of the Chg. Route button, after touching the screen twice within five seconds and only after scrolling.

#### Store button

Stores a selected map location as a memory point.

#### POI/POI Off buttons

POI - Selects the quick points of interest function to display POI icons on the map.

POI Off - Deselects the display of POI icons.

**Note:** For more information, see Quick Points of Interest (POI).

#### Volume adjustment

The volume level for traffic navigation and phone can be adjusted if required. Volume adjustment is found on the User Settings screen and achieved by pressing 'Volume Preset' followed by the volume preset plus (+) and minus (-) buttons. Alternatively, the volume can be adjusted by turning the rotary control knob while in the respective function is active.

## Navigation System Operation

### FREQUENTLY USED NAVIGATION FUNCTIONS

The starting position for all these functions is the map screen showing the current vehicle position. If any other screen is shown, press the NAV button to display the map screen.

#### Getting started

#### Entering a destination by address

Nav Menu > Destination Entry > Address > enter the address details required > Dest. > Start.

#### Entering a destination to a town centre

Nav Menu > Destination Entry > Address enter the town name required > Town Centre (symbol) > Dest. > Start.

#### Using a point of interest as a destination

Nav Menu > Destination Entry > Point of Interest > select the point required > Dest. > Start.

### Storing a location as the home position

Nav Menu > Stored Locations > Home > Add > enter the address details required.

### Adding a memory point

Nav Menu > Stored Locations > Memory Points > Add > enter the address details required.

### OPTIONS ONLY AVAILABLE WITH A ROUTE SET

#### Cancelling guidance

Nav Menu > Route Options > Cancel Guidance.

#### Repeating voice guidance

Press the INFO button.

INFO

#### Changing route preferences

Touch the screen > Chg. Route > Route Preferences > select the preferences required.

## Navigation System Operation

### MENU STRUCTURE

Menu screens are provided to select the various system functions.

To select a menu item, use the touch button for the option required.

After selecting a menu item, the next sub-menu or screen will be displayed. If a menu item cannot currently be selected, the button will be displayed in a light tint only.

| NAV > MENU > Navigation Menu   |
|--------------------------------|
| Destination Entry              |
| Route Options                  |
| Navigation Setup               |
| Display Options                |
| Stored Locations               |
| On Route Scroll (if route set) |
| User Settings Screen           |
| Mute Voice Guidance            |

|  |
|--|
| <b>Destination Entry</b><br>Address<br>Memory Point<br>Home<br>Point of Interest<br>Previous Destination<br>Post code<br>Select from Map<br>Motorway Entrance/Exit<br>Intersection<br>Change Search Area |
| <b>Route Options</b><br>Detour<br>Route Preferences<br>Display Whole Route<br>Calculate<br>Cancel Guidance   |
| <b>Navigation Setup</b><br>Average Speed Settings<br>Quick POI Selection<br>Restore System Defaults<br>Calibration<br>Map Version  |
| <b>Display Options</b><br>Guidance (Split/Arrows/Hide)<br>2D/3D View   |
| <b>Stored Locations</b><br>Memory Points<br>Special Memory Points<br>Home<br>Avoid Area<br>Previous Destination<br>Dest. & Way Point<br>Calculate  |

## Navigation System Operation

### NAVIGATION SYSTEM PRINCIPLE OF OPERATION

By collecting the GPS data from satellites and combining it with the information from road maps stored on a DVD, the navigation system can direct the driver accurately to a required destination. Directions are in the form of maps on the display and verbal instructions that override other audio sources, e.g. radio or audio CD. The system works by looking ahead and it calculates an ample reaction time based on your current driving speed.

If your vehicle leaves the road network, GPS will still track your position.

**Note:** If the vehicle battery is disconnected for any reason, the navigation system needs to re-scan for available satellites when the battery is re-connected. Normally this will take no longer than three to four minutes.

### Reception of GPS signals

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

- Inside tunnels.
- Inside buildings.
- Roads under raised highways.

- Densely tree-lined roads.
- Forest roads between mountains.
- Between tall buildings.
- Roads under cliffs.
- Large metal objects placed near the GPS receiver.

### Errors in vehicle position

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

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

The position will usually be corrected automatically. If the problem persists, see Calibration, or consult your Ford Dealer.

## Navigation System Operation

### Route guidance precision

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

- Deviation from a route may cause incorrect guidance until the route has been recalculated.
- Route guidance may occasionally be given where no turn is required.
- If there is no road, or only a narrow track, to the final destination, guidance will be given to the nearest point possible.

No guidance is given while reversing.

If driving at high speed or on very dense road networks, it may not be possible to recalculate the route in time for the next instruction.

On familiar roads, personal route preferences may not always be followed.

### LATEST MAP DVDs

The traffic network is constantly changing due to new roads, traffic restrictions, etc. Therefore, it is not always possible to exactly match the DVD map with the current roadways.

Map information is regularly updated, but all areas are not necessarily covered to the same level of detail. Some areas, in particular private roads, may not be included on the database. To help with accuracy, always use the latest version DVD for navigation.

### NAVIGATION SYSTEM GETTING STARTED

#### NAV button

The Navigation button (NAV) is located on the bezel of the touch screen panel.



Press the NAV button to select the navigation system.

The road safety caution is displayed.

**Note:** While the navigation system is selected, the NAV button has the following additional functions.

Selects the initial map display from any other screen.

After scrolling, returns the map display to show the current vehicle position again.

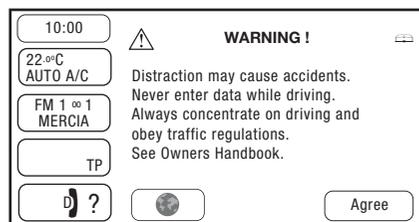
## Navigation System Operation

### Road safety caution

The road safety caution is displayed the first time the navigation system is selected after turning on the ignition.

Touch Agree to acknowledge the road safety information.

The screen now shows the initial map display.



### Language button

The screen text and voice guidance are available in a number of different languages. Languages are selected in the user settings screen. This is available from the Navigation Menu screen or the Audio menu screen. In this screen, audible feedback and measurement units can also be set. To access the user settings screen, touch the flag icon button in the bottom left of the menu screen.



To select a different language, touch the language button.

Select the language required from the list displayed.

The languages available are: German, English, English (US), Spanish, French, Italian, Dutch, Danish, Swedish and Portuguese.

**Note:** This procedure changes the on-screen language for all the touch screen systems: audio, climate control etc.

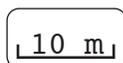
### INITIAL MAP DISPLAY

The initial map screen will show the current vehicle position. A key to the main features is given below.

**Menu button:** Press button in navigation mode to select the navigation menu.



**Zoom control:** Touch control and indication of the current map zoom level. The scale length represents a distance of from 1/32 mile to 128 miles (50 metres to 256 kilometres).



**Map orientation:** Touch button and indication of the current map orientation (north or vehicle heading to the top of the screen). Above the 2 miles (4 kilometres) zoom level, only north orientation is available.



## Navigation System Operation

**GPS symbol:** Indicates that insufficient GPS satellite signals are being received for accurate map positioning. The symbol is not displayed under normal operation.



**Map position markers:** The map normally indicates the current vehicle position (navigation symbol). While the system is in use various markers are displayed. (See Screen Symbols.)



**Lower text area:** Shows the current street name (present vehicle location). While operating the system, this text area is replaced by additional touch buttons. There are also the climate control/audio and RDS buttons shown on the navigation screen. Depending on vehicle type, a clock is also displayed in this area.



**Note:** For an explanation of the basic navigation touch controls, see Using the Controls.

### Scrolling the map

To scroll the map, touch the screen twice within five seconds. The cross-wire marker is displayed, and the map scrolls until the point touched is under the cross-wire marker.

### Continuous scrolling

First touch, then touch and hold at any point on the screen. The map continues to scroll while the screen is being touched.

**Note:** This feature is not available while driving.

### Additional touch buttons

After touching the screen once, additional touch buttons are displayed:

**Home:** Sets a route to the home position. (Only displayed when a home position is set.)



**Chg. Route:** Displays the Route Preference menu to make changes to the route preference settings. (Only displayed when a route is set.)



**Store:** Stores a selected map location as a memory point.



**POI:** Selects the quick points of interest function to display (up to 0.5 miles/1.0 km) POI icons on the map. After touching the screen a second time within five seconds.



## Navigation System Operation

**Ent. Dest.:** Stores a selected map location as a destination. (Displayed in place of the Chg. Route button and only when the position marker is moved from the vehicle's current position.) This is displayed after touching the screen twice within five seconds and only after scrolling.

Ent. Dest.

**Display Route:** This button is shown if a route is set.

Display Route

### Selecting the initial map display

Press the NAV button to return to the initial map display showing the current vehicle position.

**Note:** For an explanation of the basic navigation touch controls.

NAV

### Map location details

After scrolling, the address details of the map location under the cross-wire marker are shown in the text area at the top of the screen.

If the complete address is not visible, touch anywhere within the text area to scroll the text to left or right.

### Name lists

Lists of names (for example streets, towns or points of interest), are displayed. The number of items in the list will be displayed, and the indicator will show the current position in the list.

To scroll through the list, one item at a time, touch one of the single arrow buttons (the double arrow buttons scroll one page at a time).

To view the remainder of a long entry, touch anywhere on the text. The symbol at the start or end of the line indicates more text.

To make a selection from the list, use the touch button for the item required.

### Touch controls

After touching Agree, the initial map screen showing the vehicle location is displayed, with the current road name shown in the text area at the bottom of the screen. Touch controls will also be displayed on the screen.

Agree

### Distance units

Distances are shown on the screen, and given in voice guidance, either in Imperial units (miles) or Metric units (kilometres and metres).

## Navigation System Operation

### Map orientation buttons

These buttons select the desired map orientation (north or vehicle heading to the top of the screen). The current selection is shown on the map.

### Zoom control

Selects the desired map zoom level by touching one of the arrow symbols. The currently selected scale is shown.

10 m

When the control is touched, the scale indicator is shown on the screen. The scale markings shown on the indicator are: 1/32, 1/2, 4, 128 miles (50 m, 1 km, 8 km, 256 km).

The zoom control can be used in a number of ways:

- Touch and hold one of the arrow buttons. The map is re-displayed at each zoom level in turn.
- Touch one of the arrow buttons repeatedly. The map is only re-displayed at the final zoom level.
- Touch one of the segments of the scale indicator. The map is re-displayed at the zoom level selected.

### ROUTE OPTIONS MENU

The menu shows the five route option buttons available.

### 1. Detour

While driving under guidance, this feature allows you to make a detour from the calculated route for a specified distance. The screen will show the detour distance settings available for residential roads and motorways. Current selections are shown highlighted.

Residential: 1, 2, 3, 4, 5, 10, 15 miles (or kilometres).

Motorway: 5, 10, 15, 20, 25, 50, 100 miles (or kilometres). Touch the appropriate screen items to change the detour settings as required.

Route detour: Touch the Detour button. The route ahead is recalculated using the current detour distance settings.

Detour

Alternative route: Touch the New Route button. The system uses different combinations of the route preference settings to calculate an alternative route (where possible).

New Route

**Note:** The detour settings are only used when you touch Detour and only apply to the current route.

## Navigation System Operation

### 2. Route preferences

The screen shows the route preferences available, with the current settings highlighted.

Minimise Time/Dist. - Time/Dist.

Use Major Roads - Yes/No.

Use Toll Roads - Yes/No.

Use Ferries - Yes/No.

To select a route preference, touch the button for the setting required.

Touch Store Setting to apply the new settings, or touch Calculate to apply the new settings and calculate a route.

Store Setting

Calculate

Touch Cancel to keep the old settings.

**Note:** The system will use your route preference settings wherever possible. However, in some circumstances, to calculate a satisfactory route, one or more of the alternatives may have to be used.

### 3. Display whole route

After selecting Display Whole Route, the screen shows the whole route, with the total route distance, and estimated travelling time

displayed at the top of the screen.

Where the route includes a ferry crossing, a ferry symbol is shown.

To view the destination, touch Dest Map.

To view the turn list, touch Turn List.

#### A) End of route display

After touching Dest Map, the screen shows the last portion of the route, with the destination address displayed at the top of the screen.

To return to the whole route display, touch Route.

To view the turn list, touch Turn List.

#### B) Turn list

After touching Turn List, the first portion of the route turn list is displayed.

To view the rest of the entries, scroll the list as required.

To recalculate the route, touch Reroute.

#### C) Avoid point/area

Any point on the route can be avoided if required.

Touch the Avoid button next to the required entry in the turn list.

The map screen is displayed showing the location and address of the selected point. Scroll the map to adjust the location if required.

## Navigation System Operation

### NAVIGATION SET-UP MENU

The Navigation Set-up Menu shows the five option buttons available.

#### 1. Average speed settings

The screen shows the current average speed settings. Speeds can be selected in the range from 5 mph (5 km/h) to 150 mph (240 km/h).

The default settings are:

Residential Roads - 20 mph (30 km/h),

Main Roads - 40 mph (60 km/h),

Motorways - 60 mph (100 km/h).

Select the average speeds required using the touch arrows.

Touch OK to apply the new settings.

Touch Default to apply the default settings if required.

**Note:** These settings do not affect route calculation, they are only used in displaying the time to destination.

Choose your own usual speeds, so that the time shown more closely matches your own driving style.

Use the Enlarge and Reduce buttons to create an avoid area if required.

Touch OK to confirm.

#### Notes:

1. The points or areas selected in this way are only avoided for the current route, Permanent avoid areas are created from the Store Avoid Area menu.

2. In some circumstances, to calculate a satisfactory route, it may not be possible to avoid all the selected points or areas.

#### 4. Calculate

This is a quick way to start a route calculation after making changes to the route preferences. For more information, see Route calculation.

Calculate

**Note:** The route will be calculated using the destination and/or way point addresses previously entered.

#### 5. Cancel guidance

The map showing the whole route is displayed.

Touch Yes to cancel the route.

## Navigation System Operation

### 2. Quick POI selection

The six default quick POI categories, can be changed as required. The screen shows the icons for the six current categories.

**POI**

Select the category icon that you wish to replace. The screen shows the full list of POI categories.

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.

**OK**

### 3. Restore system defaults

The default settings are as follows.

Guidance Voice: On.

Search Area: Belgium.

Route preferences

- Minimise Time/Distance: Time.

- Use Major Roads: Yes.

- Use Toll Roads: Yes.

- Use Ferries: No.

Detour

- Residential Road: 4 miles (4 km).

- Motorway: 20 miles (20 km).

Average speed settings

- Residential Road: 20 mph (30 km/h).

- Main Road: 40 mph (60 km/h).

- Motorway: 60 mph (100 km/h).

Quick POI categories

- Petrol Station

- Car Park

- Restaurant

- Hotel

- Shopping Centre

- Golf

Display Options

- Map Screen: Split Screen.

- Guidance Screen: Turn Arrows.

- Distance to Destination: Show.

- Message Centre Guidance: On.

To select the complete set of default settings touch OK.

### 4. Calibration

Sometimes the vehicle position may not be correct. This can occur, for example, if the vehicle has been moved on a trailer or by ferry.

If the new position is not found automatically by the system, it can be corrected by using the calibration procedures (Position first).

## Navigation System Operation

### Position

Touch Position to adjust the vehicle position (The map showing the current vehicle position is displayed).

**Position**

Scroll the map until the navigation symbol (vehicle position) is in the correct geographical location.

Touch OK to confirm the new position and display the map screen for heading adjustment.

### Distance

Touch Distance to re-calibrate the system.

**Distance**

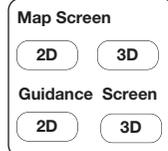
The screen briefly shows 'Distance Calibration is in Progress'.

Calibration is carried out during normal driving.

No notification is given that distance calibration has been completed.

### Display options

The screen shows the Guidance Options and 2D/3D view options available, with the current selections highlighted.



To select a guidance setting, touch the button for the setting required. When finished, touch OK to apply the new settings. These settings are described as follows.

### GUIDANCE OPTIONS

#### 1. Map screen - Split screen/Full screen.

Split Screen - When set to Split Screen, the map display always shows the guidance screen overlay when a route is set.

Full Screen - When set to Full Screen, the screen normally shows the map display, with the next turn symbol in the top right-hand corner.

Before each manoeuvre point, the guidance screen overlay is displayed automatically.

(The overlay can also be displayed manually by touching the guidance screen button.)

#### 2. Guidance screen - Turn arrows/Turn list.

Turn Arrows - When set to Turn Arrows, the guidance screen overlay shows the on-route arrow and next turn symbol.

Before each manoeuvre point, the next junction diagram is displayed automatically.

Turn List - When set to Turn List, the guidance screen overlay shows the current portion of the route turn list.

## Navigation System Operation

Before each manoeuvre point, the next junction diagram is displayed automatically.

### 3. Time to destination - Show/Hide.

When set to Show, the estimated time to destination will be shown on the map display.

### 4. 2D/3D Viewing option.

The screens can be viewed in either two dimensional or three dimensional perspective.

To adjust the angle of the 3D perspective, press either the increase or decrease arrow.

### List button

The List button becomes active when the characters entered reduce the possible entries to a small enough number. (The list is displayed automatically when the number of entries reduces to four or less.)



List

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.

### POI entry messages

While searching for points of interest, you may encounter one of

the following messages:

'There are no POI's in this Category.'

'No POI's Found in this Town.'

### TEXT INPUT

Enter the desired name by touching each letter in turn.

|        |                   |   |   |   |     |
|--------|-------------------|---|---|---|-----|
| Street | Input Street Name |   |   |   |     |
| Town   |                   |   |   |   |     |
| A      | B                 | C | D | E | F   |
| I      | J                 | K | L | M | N   |
| Q      | R                 | S | T | U | V   |
| Y      | Z                 | - | - | & | Oth |

The characters entered are displayed on the screen.

As characters are entered, only the characters available to complete the name (or similar names) are shown highlighted.

To delete the last character, touch Delete.

To enter a space, touch Space.

To enter special characters, touch Sym.

To enter accented characters, touch Others.

It is not necessary to enter all the characters. The number of possible names from the characters entered is shown.

## Navigation System Operation

Touch List (when active) to view the available names.



List

### NUMBER INPUT

Enter the desired number by touching each digit in turn.

|          |                    |   |
|----------|--------------------|---|
| House No | Input House Number |   |
| Town     |                    |   |
| 1        | 2                  | 3 |
| 4        | 5                  | 6 |
| 7        | 8                  | 9 |
| 0        | -                  |   |

The digits entered are displayed on the screen.

To delete the last digit, touch Delete.

When all the digits have been input, touch List. The next screen is displayed.

**IMPORTANT:** Further information on using these screens for specific functions, e.g. destination entry, is given in the appropriate section of this Guide.

### Screen symbols

The screen symbols used by the system are explained below.

Navigation symbol - Indicates the current vehicle position and heading.



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

Destination symbol - Indicates the current route destination.

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



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



## Navigation System Operation

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



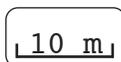
Avoid area or point - The left-hand symbol Indicates an area to be avoided in route calculations. The right-hand symbol indicates an avoid point.

Way point symbol - Indicates the location of a way point on the map.

Home position symbol - Indicates the location on the map, currently stored as the home position.



Zoom symbol - Indicates of the current map zoom level.



Distance to destination - Indicates the vehicle's distance from the route destination (provided a route has been set).

Stored location symbol - Indicates the location of a memory point. This is the default symbol used when the point is stored, (if required an icon of your own choice can be selected from the 15 icons available.)

GPS symbol - Indicates that insufficient GPS satellite signals are being received for accurate map positioning. The symbol is not displayed under normal operation.



Audio mute icon - Shown when voice guidance is turned off and a route is set.



TMC icon - Indicates reception of TMC information (not displayed if not tuned to a TMC station).

If the Navigation system is running in the background but a climate control or audio system screen is being displayed, when a TMC signal is received, a coloured variant of the TMC icon will appear. The colour of the TMC icon identifies message topic: Red - Stationary traffic; Orange - Slow traffic; Black - Road closed; Pink - Roadworks; Yellow - Bad weather

**TMC**

**Note:** If the TMC icon is shown crossed with a diagonal line while the traffic icons have been selected for display, this indicates that TMC reception has been interrupted.

The TMC icons represent:



Stationary Traffic



Slow Traffic



Accident

## Navigation System Operation



Closed Road



Roadworks



Danger



Road Conditions



Bad Weather



Delays



Parking



Others

The colour of the TMC icon identifies message topic: Red - Stationary traffic; Orange - Slow traffic; Black - Road closed; Pink - Roadworks; Yellow - Bad weather

Note: When first operating the TMC system, activate the Auto button to enable the system for automatic background TMC reception.

### MAIN FEATURES OF THE NAVIGATION SYSTEM

#### Stored locations

These are map locations (memory points) that you can store in the system memory with a personalised

nametag, e.g. Doctor, or Office, for subsequent selection as a route destination or way point. There are several methods you can use to create a memory point, e.g. entering an address, or selecting a point of interest from the database.

#### Way points

Way points can be used to divide a route into a number of sections, and are entered in a similar manner to the destination. As way points are entered, they are added to a list, up to a maximum of five way points. Way points are visited in the order in which they appear in the way points list, and the order can be changed if required. After each way point has been visited, it is deleted from the way points list automatically.

#### Avoid areas

An area on the map can be selected as an avoid area, for example, a known area of heavy traffic. Up to 10 areas can be selected. Routes will then be calculated avoiding the area(s) selected, except where an alternative is not possible.

#### Points of Interest (POI)

This is a database of useful names and addresses held on the map DVD, e.g. airports, hotels and restaurants. The information can be displayed on the screen and sorted by category. A POI can be selected from the list and used as a route destination or way point.

**POI**

## Navigation System Operation

### Quick Points of Interest

When this feature is selected, the map screen shows the location of all the points of interest in a particular category. Each POI location is indicated by displaying the appropriate POI icon. The category to be displayed is selected from a list of six popular categories. These can be changed to categories of your own choice if required.

POI

### Voice guidance

One or more audible instructions and/or chimes will be heard as the vehicle approaches each manoeuvre point along the route. The instruction and chime are repeated as the vehicle reaches the manoeuvre point.

Voice guidance can be turned off if required, and will be muted automatically if a phone call is in progress.

### Screen guidance

Screen guidance is provided by means of the map display, and an overlay (the guidance screen) which shows one of the following: junction diagram, turn arrow, or turns list.

Various combinations of these features can be selected, see Display options. As the route is followed, the current street name, estimated time (if selected) and distance remaining to the end of the route are displayed.

For further information, see Screen Types.

### NAVIGATION SYSTEM GENERAL MENUS

#### Navigation menu

The Navigation menu is the top level menu of the system, showing the functions that are available: Destination Entry, Route Options, Navigation Setup, Display Options, Stored Locations, On Route Scroll, User Settings, Voice Guidance, Voice Guidance Off.

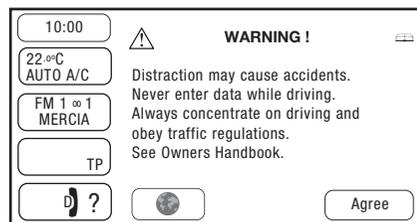
Select the menu item required.

#### Audible instructions

The highlighted symbol shows whether the setting for voice guidance is currently on or off. To change the voice guidance setting, touch the symbol required.

#### Functions available on the move

For safety reasons, only certain functions are available while the vehicle is on the move.



## Navigation System Operation

### QUICK POINTS OF INTEREST (POI)



#### WARNING!

Only operate, adjust or view the system when it is safe to do so.

#### Selecting a category

After touching POI, the screen shows the six categories currently selected for quick points of interest.

POI

#### Select a POI category.

The map screen is displayed with POI icons.

#### Other categories

You can also select from the complete list of POI categories.

Touch List Categories and select a category from the list displayed.

#### Map area POI

Displays a list of POI's within 20 miles/32 kilometres. This allows the user to select from from the list.

#### 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.

Ent. Dest.

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

**Note:** POI icons can only be displayed up to the 1/2 mile/1 km zoom level.

#### Next button

If some POI locations are very close to one another, it may not be possible to select a particular icon to display the information.

Next

Touch Next (when active) to select one of the icons in a group and display its information. Repeat for the other icons as required.

#### POI information

After touching a POI icon, the name of the selected POI is displayed at the top of the screen.

#### POI details

Touch Info. to display the details of the selected POI. The details include Icon, Name, Position and Phone number.

#### Destination entry

Touch Ent. Dest. to store the POI location as a destination. The destination details are displayed for confirmation of the address, see Confirm destination.

## Navigation System Operation

### Changing the categories

Any of the six categories can be changed from the Navigation Setup menu, see Quick POI election.

### Cancelling POI icon display

To cancel the display of POI icons on the map, touch the map screen to display the additional touch buttons, then touch POI Off.

**POI Off**

### Destination entry menu

The menu shows all the methods available for route setting.

Address  
Intersection  
Point of Interest  
Previous Destination  
Select from Map  
Memory Point  
Special Memory Point  
Motorway Entrance/Exit  
Postcode  
Home

### Next/previous page

The Destination Entry menu consists of two pages.

To select a menu item that is not being displayed, touch Next Page or Prev. Page.

### Search area

To reduce the time taken to calculate a route, the map database is divided into a number of regions. When setting a route, the destination (or way point) being entered must be in the currently selected search area. See Changing search area.

### Using the destination entry menu

The Destination Entry menu is used for both destination and way point entry. (Way points and the destination can be entered in any order.)

Select an item from the menu. (For example, to use a point of interest as the destination, select Point of Interest.)

### Changing search area

To change the search area, touch Change.

**Change**

The current area is shown highlighted on the map, and the countries it covers are listed at the bottom of the screen. From the list displayed, select the touch button required for the new area. See the following list.

The screen shows the new area highlighted and the list of countries covered.

## Navigation System Operation

### Area

A. Austria  
B. Belgium  
CH. Switzerland  
  
D. Germany  
DK. Denmark  
E. Spain  
F. France  
  
GB. Great Britain  
  
I. Italy  
  
L. Luxembourg  
NL. Netherlands  
  
P. Portugal  
S. Sweden  
Then touch OK.

### Countries

Austria  
Belgium  
Switzerland, Liechtenstein  
Germany  
Denmark  
Spain, Andorra  
France, Monaco, Andorra  
England, Scotland, Wales  
Italy, San Marino, Vatican City  
Luxembourg  
The Netherlands  
Portugal  
Sweden

Touch List to display the list of possible streets.

**Street**

**Town**

A B C D E F  
I J K L M N  
Q R S T U V  
Y Z ← - & Oth

**List**

The list of possible streets from the characters entered is displayed. Select the street required.

### 2. Select town

The screen shows the list of towns where the street name entered occurs. Select the town required.

#### Notes:

1. If there is only one town match, this step is omitted.
2. If a large number of matches is found, the alpha keyboard screen is displayed to enter the desired town name.

### 3. House number entry

The number pad screen is displayed, showing the house number range for the street selected.

Enter the house number required and touch Enter, see Number input.

## ROUTE SETTING BY ADDRESS

### 1. Street entry

After selecting Address from the Destination Entry menu, the alpha keyboard screen is displayed, showing 'Input Street Name'.

Enter the street name required. (See Text Input.)

## Navigation System Operation

The destination details are displayed for confirmation of the address, see Confirm destination.

### Notes:

1. If a list of house number ranges is displayed, select the range applicable.
2. If the street does not have house numbers, or the house number is not known, just touch Enter. The mid-point of the street will be used as the destination.

### Order of address entry

The previous example describes how to enter an address with the street name first, followed by selecting the town, and finally the house number. You should find this the best method in most cases, however other methods are possible.

### Entering town name first

In this example, the town name is entered first.

From the Destination Entry menu, select Address. The alpha keyboard screen is displayed, showing 'Input Street Name'.

Touch the Town button. The screen now shows 3 options: Any Towns, 5 Near Towns and Input Town Name.

Enter the town (or district) name required, see Text input.

Touch the List button. The list of towns possible from the characters entered is displayed.

Select the town required. The alpha keyboard screen is displayed, showing 'Input Street Name'.

Enter the street name required, see Text Input.

Touch the List button.

The list of streets possible from the characters entered is displayed.

Select the street required.

The number pad screen is displayed, showing the possible house number range for the street selected.

Enter the house number required, see Number input.

Touch the Enter button.

The destination details are displayed for confirmation of the address.

### Entering town names

When entering the name of a town in another country, the name must be entered according to the usual spelling in the country concerned.

## Navigation System Operation

### Town centre button

When displayed after a town name, this touch button selects the town centre as a destination.

### List button

The button becomes active when the characters entered reduces the possible entries to a small enough number (the list is displayed automatically when the number of entries reduces to four or less).

### Address entry messages

While entering an address, you may encounter one of the following messages.

1. 'House Number not Found. Show Mid-Point of Street? Yes/No.'
2. 'The address does not exist. Show centre of this street? Yes/No.'
3. 'Street Found in Many Towns. Please Input the Town Name.' Select one of the touch buttons (Yes or No) or enter a town name, as required.
4. 'Intersection could not be found within the database.' this indicates that the roads selected do not cross one another.

### Using a memory point

After selecting Memory Point from the Destination Entry menu, the screen shows the list of stored

memory points.

Select the item required.

The destination details are displayed for confirmation of the address.

### Notes:

1. The list can be sorted by Date, Name, Distance or Icon by touching the button required.
2. When sorting by Icon, the icons are listed in the order they appear on the icon selection screen (left to right, top row first).

### Special memory points

These can be used to set a destination while driving. The system can store a maximum of 5 Special Memory Points.



### Using the home position

After selecting Home from the Destination Entry menu, a route is calculated to the stored home position. The location of the home position is displayed, and the screen shows 'Calculating Route'.

**Note:** If a home position has not been entered, this function cannot be selected.

### USING A POINT OF INTEREST

#### Entry by POI name

After selecting Point of Interest from the Destination Entry menu,

## Navigation System Operation

the alpha keyboard screen is displayed, showing 'Input POI Name'.

Enter the POI name required. See Text Input.

Touch List to display the list of matching points of interest.

### List

Select the POI required. The map location of the POI is displayed.

**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. These methods are described as follows.

### Entry by town

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

From the Input POI Name screen, touch Town. The screen now shows 'Input Town Name'.

### Town

Enter the town name required. See Text Input.

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. See Entry by POI.

### Entry by category

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

From the Input POI Name screen, touch Category. The screen shows the list of main POI categories.

Select the category required. The screen now shows the list of sub-categories under the selected main category.

Select the sub-category required. The Input POI Name screen is displayed again.

Enter the POI name required.

### OTHER NAVIGATION SELECTION METHODS

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

You can refine the search even further, as described in the following examples.

### Town followed by category

In this example the order is: Town, followed by Category, then POI name.

From the Input POI Name screen, touch Town.

Enter the town name required. The Input POI Name screen is displayed again.

## Navigation System Operation

From the Input POI Name screen, touch Category.

Select the category and sub-category required. The Input POI Name screen is displayed again.

Enter the POI name required.

### Category followed by town

In this example the order is: category, followed by town, then POI name.

From the Input POI Name screen, touch Category.

Select the category and sub-category required. The Input POI Name screen is displayed again.

From the Input POI Name screen, touch Town. The screen now shows 'Input Town Name'.

### Category

Enter the town name required. The Input POI Name screen is displayed again.

Enter the POI name required.

### Town

### Town centres

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

First select Town centre as the POI category (Other > Town centre) then enter the town name in the Name box (do not select the Input Town Name screen).

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.

### POI list

The screen shows the list of points of interest found in the database search.

Select the POI required. The map showing the location of the selected POI is displayed.

**Note:** Some entries in the list may have a further sub-list following.

### POI details

To view the details of the selected POI, touch Info. from the map display. The details include Icon, Name, Position and Phone number.

### List sorting

The list can be sorted by Name or Distance.

Touch the desired button to sort the list as required.

**Note:** When the list is sorted by distance, the distance shown is the straight line distance from the current vehicle location.

### Categories/sub-categories

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

## Navigation System Operation

number of sub-categories.

The first entry in the list of Restaurant sub-categories, is 'All'. This selects all of the Restaurant sub-categories.

### 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.

### USING A PREVIOUS DESTINATION

After selecting Previous Destination from the Destination Entry menu, the screen shows the list of stored previous destinations.

Select the item required.

The destination details are displayed for confirmation of the address.

### USING A PREVIOUS STARTING POINT

If the Previous Starting Point button is selected, the location used for the destination will be the starting point of your last journey, irrespective of whether you were driving under guidance or not.

### USING A POSTCODE

After selecting Postcode from the Destination Entry menu, the alpha-numeric keyboard screen is displayed showing 'Input Postcode'.

Enter the postcode characters required and touch OK. The mid-point of the postcode area is displayed.

### USING A MAP LOCATION

After selecting Select from Map from the Destination Entry menu, the map screen showing the current vehicle location is displayed.

Scroll the map until the required location is under the cross-wire marker. The location can be stored as a destination or as a way point.

### USING A MOTORWAY ENTRANCE/EXIT

#### 1. Enter motorway name

After selecting Motorway Entrance/Exit from the Destination Entry menu, the alpha keyboard screen is displayed showing 'Input Motorway Name'.

Enter the motorway name required and touch List. The list of possible motorways from the characters entered is displayed.

Select the motorway required.

**Note:** To enter numbers in the motorway name, touch Sym. to select the special characters keyboard screen.

## Navigation System Operation

### 2. Select entrance/exit

Touch Entrance if you wish to join the motorway at this junction.

Touch Exit if you wish to leave the motorway at this junction.

### 3. Select junction

The screen shows the list of junction entrances or exits on the motorway.

Select the entrance or exit required. The destination details are displayed for confirmation of the address.

### USING AN INTERSECTION

#### 1. Enter first street name

This feature should be used for local street junctions, not major trunk roads (Use Motorway Intersection).

After selecting Intersection from the Destination Entry menu, the alpha keyboard screen is displayed showing 'Input First Street Name'.

Enter the name required for the first street and touch List. The list of possible streets from the characters entered is displayed.

Select the street required.

#### 2. Enter second street name

The alpha keyboard screen is displayed showing the name of the first street and 'Input Second Street Name'.

Enter the name required for the second street and touch List. The list of possible streets from the characters entered is displayed.

Select the street required.

### 3. Select town

The screen shows the list of towns where the selected intersection occurs.

Select the town required.

The destination details are displayed for confirmation of the address.

### Stored locations menu

In the upper portion of the menu, the various types of stored location are shown:

- Memory Points
- Special Memory Point
- Home
- Avoid Area
- Destination and Way Point
- Previous Destination
- Calculate

Select the type of stored location required. In the lower portion of the screen, the current number of stored locations of the selected type/maximum number, is now displayed.

### Stored location actions

The four touch buttons (Add, List, Delete, Delete All), operate in a similar manner for all types of stored location.

## Navigation System Operation

Touch the action button required. These actions are described in the following pages for each type of stored point.

**Note:** If an action is not available for the stored location you have chosen, its touch button will be shown shaded. For example, if a home position has already been stored, another one cannot be added.

### Calculate

If required, a new route calculation can be made.

### Memory points

#### 1. Add

After touching Add, the Store Memory Point menu is displayed.

**Add**

Select the menu item you wish to use. Enter or select the details required. The new point is added to the list of stored memory points.

#### Notes:

1. The Store Memory Point menu is used in the same way as the Destination Entry menu. For more information.
2. To identify the new memory point, select it from the list, touch Name, and enter the name required.

#### 2. List

After touching List, the list of stored memory points is displayed showing 'Edit Points' at the top of the screen.

**List**

Select an entry to view its location details.

#### List sorting

Touch the desired button to sort the list as required (Date, Name, or Icon).

#### Notes:

1. When the list is sorted by Distance, the points are shown ordered by distance from the current vehicle location.
2. When sorting by Icon, the icons are listed in the order they appear on the icon selection screen (left to right, top row first).

#### 3. Location details

The location details include Icon, Name, Position and Phone number.

Select the appropriate touch button to change or enter any of the location details as required.

#### 4. Icon list

After touching Icon, the 15 normal icons, and three audible icons are displayed. To select, touch the icon required.

## Navigation System Operation

#### Normal icon

This is the icon displayed on the map to indicate the map location of the memory point. It replaces the default symbol, used when the point is stored.

#### Audible icon

When an audible icon is selected, a distinctive chime will be heard when the vehicle is approaching the map location of the memory point.

#### Delete

After touching Delete, the list of memory points is displayed showing 'Delete Points' at the top of the screen. Select the entry to be deleted.

The screen shows the details of the selected point and 'Delete this Memory Point? Yes/No'.

Touch Yes to confirm.

**Delete**

**Yes**

The screen briefly shows 'Memory Point Deleted'.

#### Delete all

After touching Delete All, the screen shows 'Delete all Memory Points? Yes/No'.

Touch Yes to confirm. The screen briefly shows 'All Memory Points Deleted'.

**Delete All**

**Yes**

#### HOME

#### Add

After touching Add, the Set Home menu is displayed.

**Add**

Select the menu item you wish to use.

Enter or select the details required. The home position is stored.

**Note:** The Set Home menu is used in the same way as the Destination Entry menu. For more information, see Destination entry menu.

#### List

After touching List, the map screen is displayed, showing the location and address of the stored home position.

Scroll the map to adjust the location if required. Touch OK to continue.

**List**

**OK**

#### Delete

The screen shows the location of the current home position and 'Delete this Memory Point? Yes/No'.

Touch Yes to confirm. The screen briefly shows 'Home Deleted'.

**Delete**

**Yes**

## Navigation System Operation

### Delete all

The Delete All touch button cannot be used with home position.

**Delete All**

### AVOID AREA

#### Add

After touching Add, the Store Avoid Area menu is displayed.

**Add**

Select the menu item you wish to use.

Enter or select the details required. The new area is added to the list of stored avoid areas.

#### Notes:

1. The Store Avoid Area menu is used in the same way as the Destination Entry menu. For more information, see Destination entry menu. When adding an Avoid Area, it is possible to extend/reduce the area covered by using the enlarge and reduce buttons.

2. In some circumstances, to calculate a satisfactory route, it may not be possible to avoid all the selected areas.

#### List

After touching List, the list of stored avoid areas is displayed.

Select the item required.

The map screen is displayed, showing the location and address of the selected area.

To adjust the size of the area, touch the Enlarge or Reduce button.

To adjust the position of the area, scroll the map as required.

When finished, touch OK.

**List**

**OK**

#### Delete

After touching Delete, the list of avoid areas is displayed, showing 'Delete Avoid Area' at the top of the screen.

Select the item to be deleted.

The screen shows 'Delete this Avoid Area? Yes/No'.

Touch Yes to confirm.

**Delete**

**Yes**

The screen briefly shows 'Avoid Area Deleted'.

#### Delete all

After touching Delete All, the screen shows 'Delete all Avoid Areas? Yes/No'.

Touch Yes to confirm.

**Delete All**

**Yes**

The screen briefly shows 'All Avoid Areas Deleted'.

## Navigation System Operation

### PREVIOUS DESTINATION

#### Add

The Add touch button cannot be used with previous destinations. These are added automatically to the list of previous destinations when the destination is entered.

**Add**

#### List

The List touch button cannot be used with previous destinations. These can only be viewed by using the Delete touch button.

**List**

#### Delete

After touching Delete, the list of previous destinations is displayed showing 'Delete Previous Dest.' at the top of the screen. Select the entry to be deleted.

The screen shows 'Delete this Previous Destination? Yes/No'. Touch Yes to confirm. The screen briefly shows 'Previous Destination Deleted'.

**Delete**

**Yes**

#### Delete all

After touching Delete All, the screen shows 'Delete all Previous Destinations? Yes/No'.

Touch Yes to confirm. The screen briefly shows 'All Previous Destinations Deleted'.

**Delete All**

**Yes**

### DESTINATION AND WAY POINT

#### Add

After touching Add, the Store Dest. & Way Point menu is displayed.

Select the menu item you wish to use. Enter or select the details required.

If a destination was entered, it will be stored as the current destination. If a way point was entered, it will be added to the list of way points.

#### Notes:

1. The Store Dest. & Way Point menu is used in the same way as the Destination Entry menu. For more information.

2. The Store Dest. & Way Point menu is used after a destination or way point has been entered for the first time using the Destination Entry menu.

#### List

After touching List, the list showing the stored way points and destination (if entered) is displayed. The first way point to be visited is at the bottom of the list and the destination at the top.

Select an entry to view its map location.

## Navigation System Operation

On the map, the location details for the selected way point (or the destination), are displayed at the top of the screen. To adjust the position of the way point (or destination), scroll the map as required. When finished, touch OK.

List

OK

### Way point order

If required, the order in which the way points are visited can be changed.

Select the Chg. Order touch button. Touch the button against each way point in turn, to select the new order required, starting with the first way point to be visited. When finished, touch OK.

To return to the previous screen, touch Chg. Location.

### Delete

After touching Delete, the list of way points and the destination (if entered) is displayed, showing 'Delete Dest. & Way Pt.' at the top of the screen. Select the entry to be deleted. The screen shows 'Delete Destination? Yes/No', or 'Delete this Way Point? Yes/No'. Touch Yes to confirm.

Delete

Yes

The screen briefly shows 'Destination Deleted', or 'Way Point Deleted'.

**Note:** The Delete touch button does not delete the destination.

### Delete all

After touching Delete All, the screen shows 'Delete all Way Points? Yes/No'. Touch Yes to confirm. The screen briefly shows 'All Way Points Deleted'.

Delete All

Yes

**Note:** The Delete All touch button does not delete the destination.

## ROUTE CALCULATION AND GUIDANCE

**Note:** If, after initiating a new route calculation, the system displays 'Cannot Calculate Route', you should check for, and delete, any spurious Way Points that may have been left in the system from a previous route calculation.

### Route calculation

#### 1. Confirm destination

After entering an address, or selecting a map location, the map screen is displayed showing its location. The address details are shown at the top of the screen. The address can be stored as a destination or as a way point.

If required, scroll the map to adjust the location.

To store as a destination touch Dest.

## Navigation System Operation

To store as a way point touch Way Pt.

Dest.

Way Pt.

### Route settings

To change the route settings, touch Change.

Change

#### 2. Calculating the route

After storing the destination (or final way point), the map screen shows 'Calculating Route' while the route is calculated.

To change route settings, touch Chg. Route.

Chg. Route

#### 3. Confirm route

Following calculation, the screen shows the whole route, with the total route distance, and estimated travelling time displayed at the top of the screen. Up to three possible routes are calculated. Where the route includes a ferry crossing, a ferry symbol is shown. To view an alternative route, touch Next.

To change route settings, touch Chg. Route.

Next

Chg. Route

To accept a route, touch Start (or

commence driving).

**Note:** Only one route is calculated if the route has way points set, or if the route is over 1000 miles/1000 km long.

## STORING WAY POINTS

### 1. First way point

After selecting Way Pt. for the first time from the Confirm Destination screen, the address entered is stored as the first way point, and the Route Information screen is displayed. This screen also shows details of the destination (if entered).

To enter another way point (or the destination), touch Ent. Dest. The Destination Entry menu is displayed.

Way Pt.

Ent. Dest.

### 2. Additional way points

After selecting Way Pt. again from the Confirm Destination screen, the Add Way Point screen is displayed. This screen lists the way points already entered, and the destination (if entered).

Way Pt.

Add

Choose the position required in the list for the way point you are about to add, and touch the appropriate Add button.

The Route Information screen is

## Navigation System Operation

displayed again, showing the number of way points entered. From this screen you can enter another way point, the destination, or start the route calculation.

### Map location

To view the map location of a way point or destination, touch the appropriate Map button.

### 3. Calculate route

If the destination has been entered, then, after storing the final way point, the route calculation can be started from the Route Information screen.

This screen should now show details of the destination, and the number of way points entered.

To start the route calculation, touch Calculate.

Note: If the destination has not been entered at this stage, touch Ent. Dest.

**Calculate**

**Ent. Dest.**

When the destination has been entered, the route will be calculated after touching Dest. from the Confirm Destination screen.

### ROUTE GUIDANCE

 **WARNING!** Only operate, adjust or view the system when it is safe to do so.

#### Following guidance

After touching Start, the initial map screen while under guidance is displayed. The route is shown highlighted, with the current road name shown in the text area at the bottom of the screen.

**Start**

Drive away, following the voice guidance given by the system. Continue to follow the voice guidance until the end of the route is reached.

The touch controls, types of guidance screen and other guidance features are described in the following pages.

#### Distance units

Distances are shown on the screen, and given in voice guidance, either in Imperial units (miles) or in Metric units (kilometres and metres).

#### Time/Distance to destination

While driving under guidance, the estimated time (if selected) and distance remaining to the end of the route are shown on the screen.

While off-route - Before the vehicle reaches the start of the highlighted

## Navigation System Operation

route, and during route re-calculation, the straight-line distance and direction to the destination are shown.

### Breaks in journey

While driving under guidance, the journey can be broken without affecting the stored route. When the journey is continued, the route guidance will resume automatically.

### Display whole route

The map screen showing the entire route can be displayed. This is selected from the Route Options menu, see Display Whole Route. From this screen the display of the last portion of the route and the route turn list can be selected.

### Avoiding points and areas

At any time while a route is set, you can select a point to be avoided on the current route. This can be enlarged into an avoid area if required. When the route is recalculated, the points or areas selected will be avoided (where possible).

Avoid areas can also be set up to be avoided permanently in all route calculations.

### Travel guidance

When the vehicle arrives at the destination, the screen shows the destination location details. This is confirmed by voice guidance. The

system is now ready for further use.

### Auto reroute

While under guidance, if the vehicle deviates from the route, a new route will be calculated automatically. While the route is being recalculated the screen shows 'Calculating Route' and the time and distance to destination information is replaced by the straight-line distance and direction to the destination.

**Note:** If the vehicle is within 1/4 mile (400 metres) of the destination or next way point, the route re-calculation will not occur.

### Way points

When the vehicle arrives at a way point, the screen shows 'You have arrived at your Way Point'. When the journey is resumed, route guidance continues automatically, either to the next way point or to the final destination.

After way points have been visited (or the route cancelled), they will be deleted from the way points list.

**Note:** As way points are entered, they are automatically added to the list of previous destinations.

### TOUCH CONTROLS

The touch controls displayed on the guidance map screen are as follows.

#### Guidance screen button

Displays the guidance screen

## Navigation System Operation

overlay in place of the next turn arrow symbol.

### Turn arrow button

Displays the next turn arrow symbol in place of the guidance screen overlay.

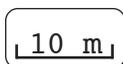
### Map orientation buttons

These buttons select the desired map orientation (north or vehicle heading to the top of the screen). The current selection is shown on the map.



### Zoom control

Selects the desired map zoom level by touching one of the arrow symbols. The currently selected scale is shown.



### ADDITIONAL TOUCH BUTTONS

These buttons are displayed after touching the map display.

### Chg. Route button

Selects the Route Options menu, to make changes to the route preference settings.

### Ent. Dest. button

Stores a selected map location as a destination. (Displayed in place of the Chg. Route button, after touching the screen twice within five seconds.)

### Store button

Stores a selected map location as a memory point.

### POI button

Selects the quick points of interest function to display POI icons on the map.

### View entire route

The View Entire Route button is displayed if a route is set.

### Home button

Sets a route to the home position. (Only displayed when a home position is set.)



**Note:** If the Ent. Dest button or the Home button is touched, the current route will be cancelled and a new route calculated.

## Navigation System Operation

### SCREEN TYPES

#### Map screen

Two map screen options are available: Split Screen and Full Screen. To select an option, choose Display Options from the Navigation menu.

#### Split screen

When set to Split Screen, the map display always shows the guidance screen overlay while a route is set.

#### Full screen

When set to Full Screen, the screen normally shows the map display, with the next turn symbol in the top right-hand corner. Before each manoeuvre point, the guidance screen overlay is displayed automatically. (The overlay can also be displayed manually by touching the Guidance Screen button.)

#### Turn arrows guidance screen

The guidance screen overlay is always displayed while the Split Screen option is selected, and is also displayed when selected manually while the Full Screen option selected. Two guidance screen options are available; Turn Arrows and Turn List. To select an option, choose Display Options from the Navigation menu. When set to Turn Arrows, before each manoeuvre point, the guidance screen overlay shows the next junction diagram.

#### Turn list guidance screen

When set to Turn List, the guidance screen overlay shows the current portion of the route turn list. Before each manoeuvre point, the next junction diagram is displayed.

#### Screen brightness/contrast

Touch the Screen Brightness/Contrast button to display brightness/contrast setting screen.



There are day, night and twilight options. Brightness and contrast levels are adjustable via the the +/- buttons.

After adjustment, touch Back to return to the previous screen.

#### ADJUSTING THE CLOCK DISPLAY – FOCUS C-MAX AND NEW FOCUS

When displayed, the clock appears in the top left-hand corner of the touch-screen.

To adjust the time and date:

- Press and hold the clock until the 'Set Clock' menu appears.
- Use the up and down arrows to set the time.
- Press 'Confirm'.
- Press 'Date'.
- Use the up and down arrows to set the date.
- Press 'Set Date'.
- Press 'Back'.

## Safety Information

### SAFETY INFORMATION

Please read and follow all stated safety precautions. Failure to do so may increase your risk of collision and personal injury. Ford Motor Company shall not be liable for any damages of any type arising from failure to follow these guidelines.

Do not attempt to service, repair or modify the system. See your Ford dealer.

The driver must not attempt to operate any detailed operation of the navigation system while the vehicle is in motion. Give full attention to driving and to the road. Pull off the road and park in a safe place before performing detailed operations.

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

Do not turn the ignition key or start the engine while the software is updating.

Do not apply excessive pressure to the display screen.

The navigation system is not a substitute for your personal judgement.

Route suggestions should not supersede local traffic regulations or safe driving practices.

Do not follow route suggestions if they direct you to perform an unsafe or illegal manoeuvre, would place you in an unsafe situation, or would route you into an area that you consider unsafe.

Drivers should not rely on screen displays while their vehicle is in motion.

Let the voice guide you. If viewing is necessary, pull off the road to a safe location.

Do not use the navigation system to locate emergency services.

For road safety reasons, the driver should program the system only when the vehicle is stationary. Certain functions will therefore not operate while the vehicle is in motion.

The map database DVD does not reflect road detours, closures or construction, road characteristics such as rough road surface, slope or grade, weight or height restrictions, traffic congestion, weather or similar conditions.

To use the system as effectively and safely as possible, obtain up-to-date map database DVDs whenever they become available.

## Hints and Tips

### Time and distance to destination

When a route is calculated, the estimated time required to drive the route, and the total distance to the destination are determined.

The time is based on the vehicle travelling at the current speed settings for each type of road (residential, main and motorway).

The distance is based on the current route preference settings, e.g. Minimise Toll Road use.

While driving under guidance, the estimated time (if selected) and distance remaining to the end of the route are shown on the screen.

### Languages and distance units

The screen text and voice guidance are available in a number of different languages.

Distances shown on the screen, and given in voice guidance, are either in Imperial units (miles) or Metric units (kilometres and metres).

### Alternative routes

During route calculation, up to three possible routes are calculated.

The first route is calculated using the current route preference settings.

The second route is also calculated using the preference settings, except that for Minimise Time/

Distance, the alternative setting is used.

For example, if Minimise Time is currently selected, then the second route will be calculated based on Minimise Distance, with the other settings as selected.

For the third route, the system tries to find another alternative using different combinations of the preference settings.

If a suitable alternative is not possible, only the first and second routes will be shown.

### Town name lists

After entering a street name, the matching town entries found in the database are shown.

Each entry includes some or all of the following: district name, town name, and county name.

### Road junction layouts

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

Some small roundabouts may not be shown.

### Map DVDs

All the European countries covered by the system are included on the disc supplied.

For the list of countries, see Changing Search Area.

## Care and Attention

### **CAUTION/WARNING RISK OF ELECTRICAL SHOCK.**

 Do not open any of the Navigation System components. No assurances can be given on equipment not provided with the vehicle at the time of delivery, or supplied by a Ford dealer.

### **CAUTION**

To reduce the risk of electrical shock, do not remove Navigation System cover (or back).

 No user-serviceable parts inside. Refer servicing to qualified service personnel.

The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated 'dangerous voltage' within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

**WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.**

### **SYSTEM AND DISC CARE**

Avoid exposing the discs to direct sunlight or heat for extended periods of time.

Hold discs at the edges or centre only to avoid contamination and do not restrict disc movement during loading and unloading. Discs should be removed from the unit after use and stored in their original cases away from heat sources to prevent damage or bending and contamination by dust and dirt.

Dirty discs should be cleaned before inserting into the unit.

Writing on discs or attaching adhesive labels is not recommended.

Humidity or temperature changes may cause temporary disc reading errors.

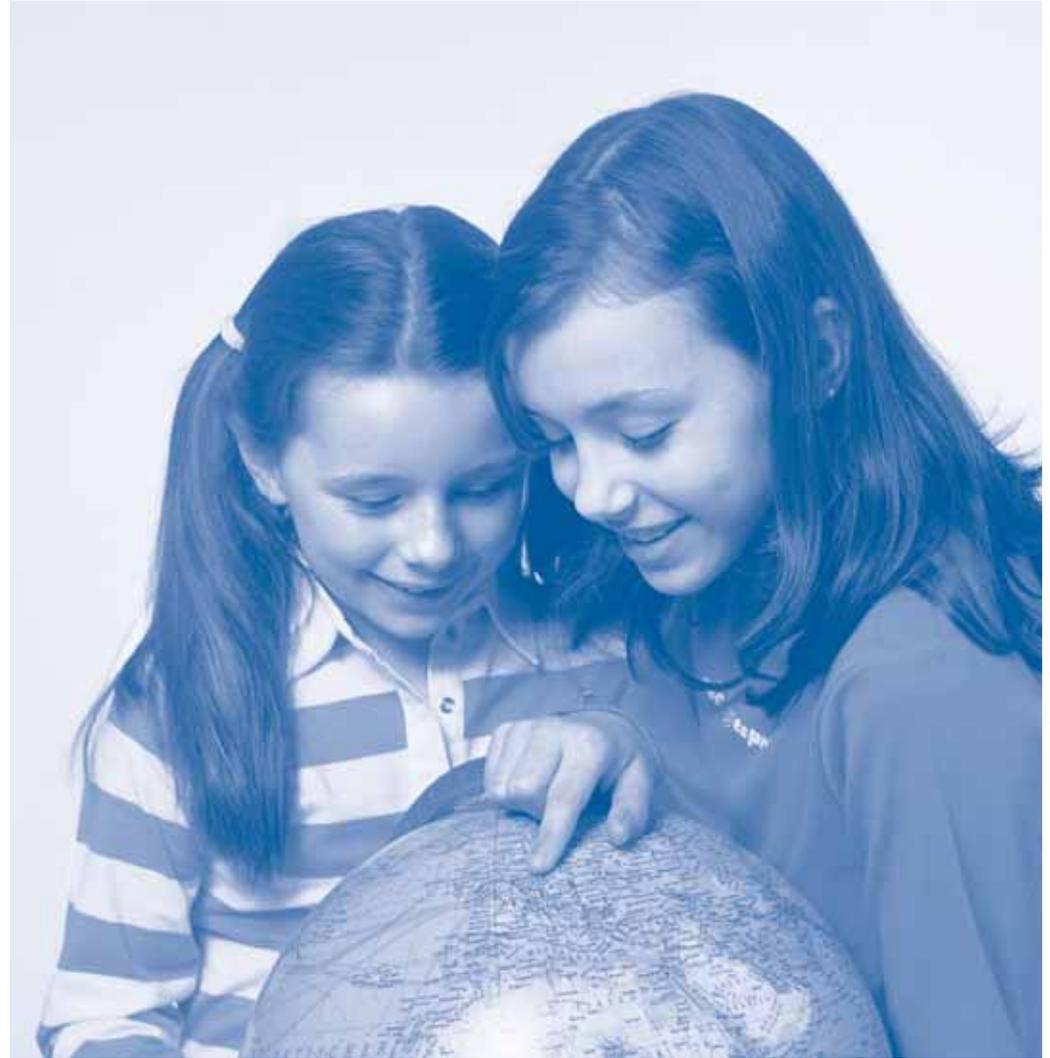
Disc reading problems caused by dirt on the disc drive may be rectified using a commercially available proprietary cleaning disc.

## Index

### INDEX

|   | Page |   | Page |
|---|------|---|------|
| Additional Touch Buttons                  | 62   | Navigation System Operation                 | 26   |
| Adjusting The Clock Display               | 63   | Navigation System Principle<br>Of Operation | 30   |
| Air Conditioning                          | 15   | Navigation System Quick Start               | 21   |
| Air Distribution                          | 17   | Number Input                                | 41   |
| Audio System Operation                    | 6    | Options Only Available With<br>A Route Set  | 28   |
| Audio System Quick Start                  | 4    | Other Navigation Selection<br>Methods       | 50   |
| Autostore Memory Preset                   | 8    | Phone                                       | 11   |
| Auxiliary Input (AUX IN) Socket           | 12   | Previous Destination                        | 57   |
| Avoid Area                                | 56   | Quick Points Of Interest                    | 45   |
| Care and Attention                        | 66   | Radio Station Memory Preset                 | 8    |
| CD Changer                                | 12   | Rear Climate Control                        | 19   |
| Climate Control Operation                 | 15   | Route Calculation And Guidance              | 58   |
| Climate Control Quick Start               | 14   | Route Guidance                              | 60   |
| Climate Control Recommended<br>Settings   | 15   | Route Options Menu                          | 35   |
| Destination and Way Point                 | 57   | Route Setting By Address                    | 47   |
| Frequently Used Navigation<br>Functions   | 28   | Route Setting Example                       | 23   |
| Guidance Options                          | 39   | Safety Information                          | 64   |
| Hints and Tips                            | 65   | Screen Types                                | 63   |
| Home                                      | 55   | Storing Way Points                          | 59   |
| Initial Map Display                       | 32   | System Notes                                | 2    |
| Introduction                              | 2    | Temperature                                 | 15   |
| Keycode Security                          | 3    | Text Input                                  | 40   |
| Latest Map DVDs                           | 31   | Touch Controls                              | 61   |
| Loading The Map DVD                       | 22   | Traffic Message Channel (TMC)               | 10   |
| Main Features Of The<br>Navigation System | 43   | Trsffic Message Channel<br>(TMC) Icon       | 42   |
| Menu Structure                            | 29   | Tune Adjust                                 | 9    |
| Modification Of Route                     | 25   | Using A Map Location                        | 52   |
| MP3                                       | 11   | Using A Motorway Entrance/Exit              | 52   |
| Navigation Set-up Menu                    | 37   | Using A Point Of Interest                   | 49   |
| Navigation System Controls                | 26   | Using A Postcode                            | 52   |
| Navigation System General<br>Menus        | 44   | Using A Previous Destination                | 52   |
| Navigation System Getting<br>Started      | 31   | Using A Previous Starting Point             | 52   |
|   |      | Using An Intersection                       | 53   |
|   |      | Vehicle Identification (VID)                | 3    |

CG3476en



## Owner's handbook Navigation system

100% Ford. 100% At your destination.





The Ford DVD Navigation System with Touch-Screen provides you with information designed to help you reach your destination quickly and safely. For reasons of safety, the driver should program the system only when the vehicle is stationary.

The Ford DVD Navigation System with Touch-Screen provides no assistance with respect to stop signs, traffic lights, areas under construction or other important safety information. This always remains the personal responsibility of the driver.

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