

DEFENDER

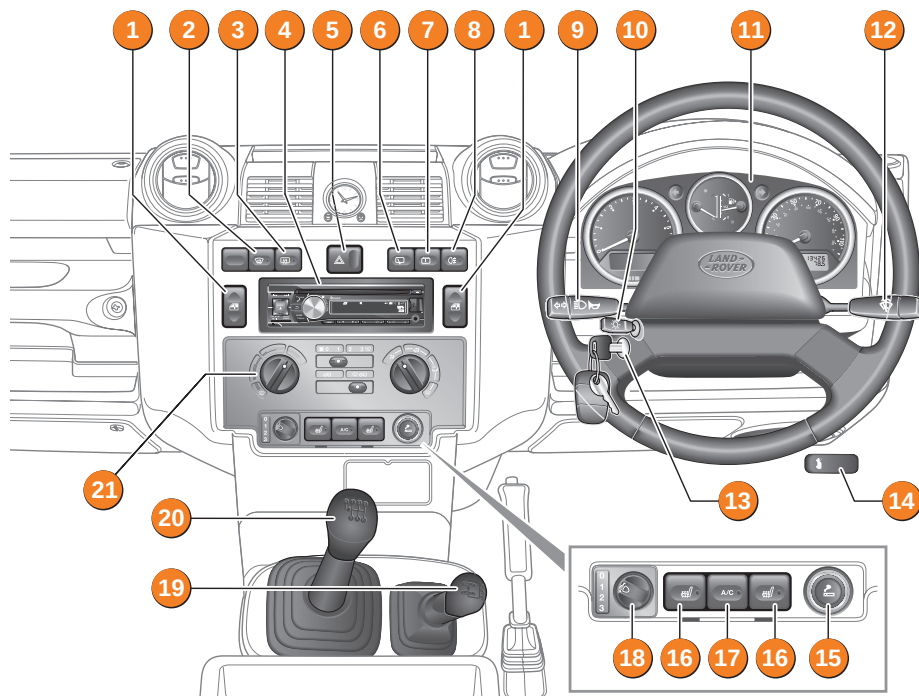
QUICK START GUIDE



SOME FEATURES MAY NOT BE FITTED TO YOUR VEHICLE.

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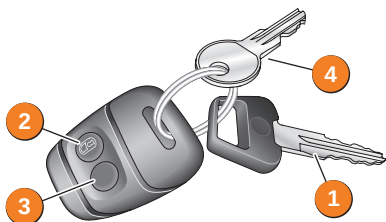
1. Electric window switches.
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Keys and remote control

Vehicles without central door locking

Using the key

1. Each door must be locked or unlocked individually with the key. Turn the key towards the rear of the vehicle to lock, or towards the front to unlock. This key also operates the starter.



Remote control alarm setting

The remote control will not operate the door locks.

2. Press (padlock icon) once to immobilise the engine and arm the alarm. The direction indicators flash 3 times to confirm.

3. To disarm the alarm, press the plain button (no icon). The direction indicators will flash once and the interior lamps illuminate.

4. This small key opens the fuel filler flap.

Always keep a remote control on the same key ring as a starter / door lock key; the engine immobiliser detects the remote control near the starter switch. Never attach both remote controls to the same key ring.

Vehicles with central door locking

Using the key

1. Insert the key into the driver's door lock and turn towards the rear of the vehicle to lock all doors, immobilise the engine and arm the alarm.

Using the remote control

2. Press (padlock icon) once to lock all doors, immobilise the engine and arm the alarm. The direction indicators flash 3 times to confirm.

3. Press the plain button (no icon) once to disarm the alarm and unlock all doors. The direction indicators flash once and the interior lamps illuminate.

Emergency Key Access (EKA)

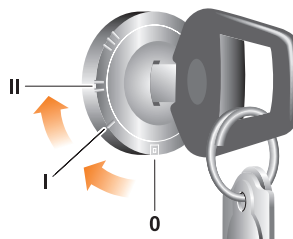
If the remote control is damaged or fails to operate, use the 4 digit EKA code, recorded on your Security Card, to disarm the alarm and re-mobilise the engine.

1. Remove the remote control from the key ring. Keep it well away from the starter switch.

2. Unlock the driver's door, enter the vehicle and close the door.

Note: When the door is opened the alarm will sound for 30 seconds.

3. Insert the starter key into the starter switch and turn to position II. The alarm will sound.



4. Turn the key to position 0 then open and close the door.

5. To enter the EKA code, turn the key to II and back to 0 the same amount of times as the first number, e.g., if your EKA code is 4321, turn the key 4 times.

6. Now open and close the door to confirm the entry.

Follow the same procedure to enter the next three numbers.

When a correct EKA code is entered, the alarm will be disarmed and the engine re-mobilised.

Operating note for central door locking

If the vehicle has been secured with the remote control, unlocking with the key is not recommended; the alarm may not disarm (depending on the vehicle specification).

Front seat adjustment

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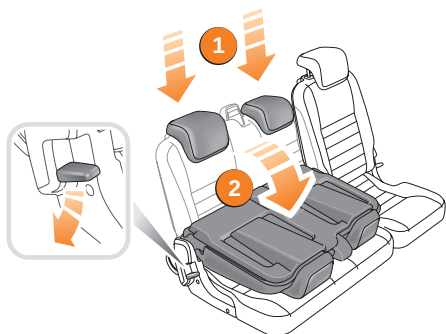
1. Raise the bar lock for forward and backward adjustment.
2. Pull up the lever for backrest adjustment.

3. Squeeze together the locking mechanisms below a head restraint to allow adjustment.

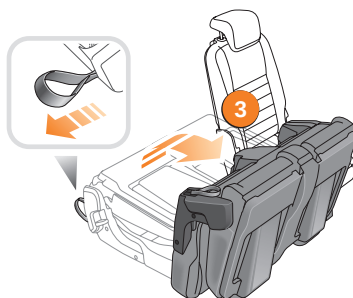
Second row seats

Folding and stowing

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1. Lower the head restraints as much as possible.
2. Push the seat backrest release lever down and fold the seat backrest forwards.
3. Pull the looped strap towards the front of the vehicle to pivot the seat into a stowed position.

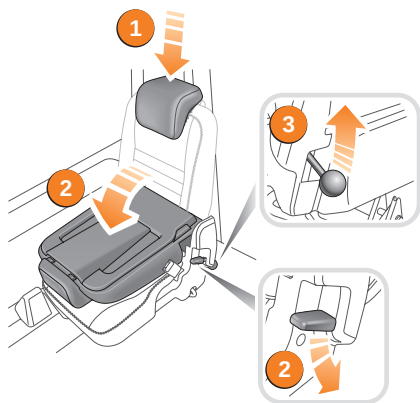


When the seat is returned to the upright position, the seat backrest will not unfold until the floor mounted striker bar is in the fully forward position. The seat base catch must also be engaged and the head restraints fully lowered.

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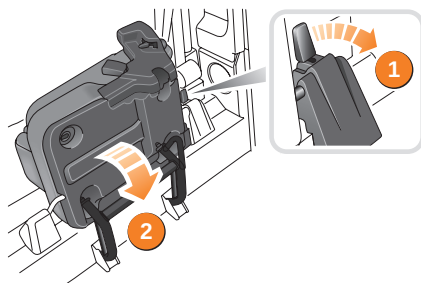
Third row seats

Folding and stowing



1. Lower the head restraints as much as possible.
2. Push the seat backrest release lever down and fold the seat backrest forwards.
3. Pull the seat base locking lever upwards to unlock.
4. Fold the seat upwards until it latches into position.

Unfolding



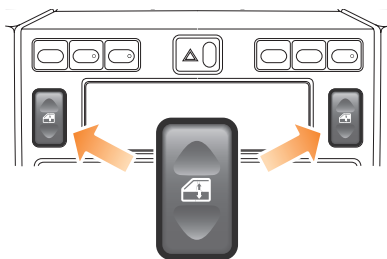
1. Pull the release catch inwards to release the seat assembly.
2. Lower the seat base and press down firmly to ensure that the base has latched onto the frame. Unfold the seat backrest and adjust the head restraint to the correct position.

Operating note

The seat backrest will not fully unfold unless the seat base has correctly latched onto the frame.

Windows

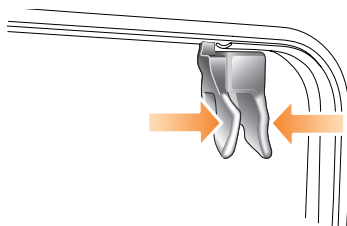
Electric front windows



- To open a window, press and hold the lower part of a switch.
- To close a window, press and hold the upper part of a switch.

The window will stop moving when the switch is released.

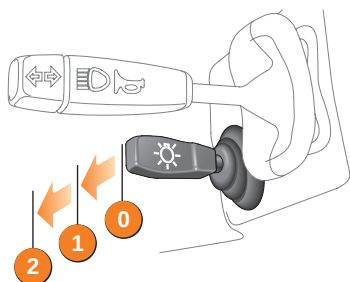
Rear sliding windows



Squeeze the locking mechanism and slide the window to the desired position. Release it and ensure that the window is locked in position.

Exterior lamps

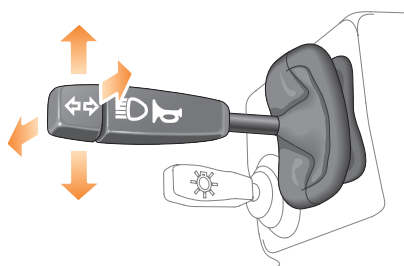
Master switch



- 0. Exterior lamps off.
- 1. Side, tail and instrument panel lamps on.
- 2. Headlamps on.

The rear fog lamp switch is located on the centre console.

Direction indicators and headlamp high beam



Indicators



A green warning lamp will flash in the instrument panel when the indicators are in use.

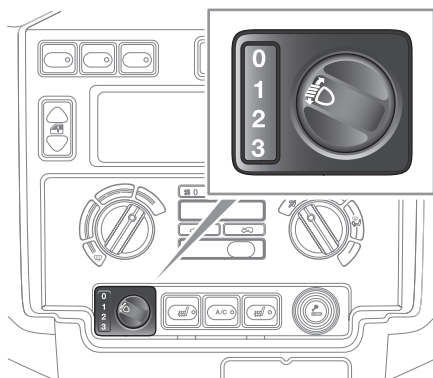
Headlamps



Push the lever away from you to select headlamp high beam. A blue warning lamp will illuminate in the instrument panel while high beam is operating.

To flash the headlamps, pull the lever towards the steering wheel and then release.

Headlamp levelling control

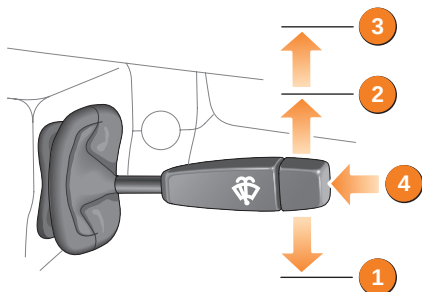


Headlamp levelling control positions

Vehicle load	Control position
Driver only with loadspace empty	0
Driver and front seat passenger with loadspace empty	0
All seats occupied with loadspace empty	1
All seats occupied and loadspace loaded to maximum rear axle weight	2
Driver only with loadspace loaded to maximum rear axle weight	3

Wipers and washers

Front windscreen

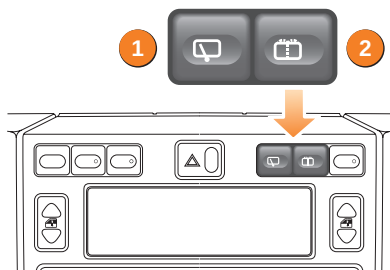


1. Intermittent wipe.
2. Low speed wipe.
3. Fast speed wipe.
4. Screen washer.

Single wipe

To operate, push the control against spring pressure to position **2**, then release.

Rear window



Rear wiper

1. Press to operate. The wiper will continue to operate until the switch is released.

Rear washer

2. Press to operate. The washer will continue to operate until the switch is released.

Warning lamps and transmission

Instrument panel warning lamps

The following lamps will illuminate during normal driving to indicate that a related system or feature is operating. If any other warning lamp illuminates, refer to the Owner's Handbook as soon as possible. DO NOT ignore warning lamps.

Each time the starter key is turned to position II, the instrument panel lamps will illuminate. This is a system bulb check procedure and does not indicate a fault.



Seat belt reminder



Park brake applied



Glow plugs active



Traction control operating



Differential lock engaged



Heated rear screen



Illuminates when the DPF is full



Illuminates when the DPF is approaching capacity



Hazard warning lights



Trailer attached



Headlamps high beam on



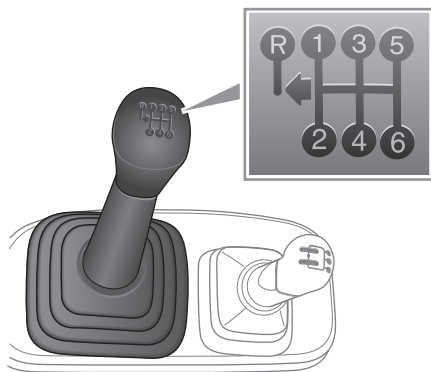
Rear fog lamps on

The instrument panel fuel gauge has an indicator for low fuel. The indicator will illuminate amber when the remaining fuel drops to 2 gallons (9 litres).

Note: After the park brake is applied, the vehicle may move slightly. This is normal as the park brake operates on the transmission, not the rear wheels.

Transmission

The transmission consists of a six speed gearbox and a high/low transfer box. The centre differential distributes drive to both axles providing permanent 4 wheel drive.

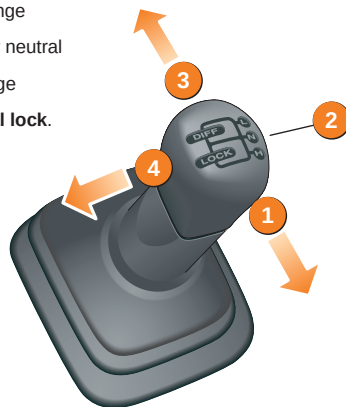


High range is used for all normal road driving and when off-road on dry, level terrain.

Low range is for very low speed manoeuvring and more extreme off-road conditions where progress cannot be maintained in high range. Some road conditions such as heavy snow may also be appropriate for low range use.

Transfer gearbox positions

1. H - high range
2. N - transfer neutral
3. L - low range
4. Differential lock.



Transmission - continued

There are 2 methods for changing gear in the transfer box, stationary or on the move.

Stationary method

1. With the engine running, depress the clutch.
2. Move the lever to the **N** position then into the desired range.

Do not force the lever if resistance is preventing gear selection. Instead follow this procedure:

1. With **N** selected, depress the clutch and select 2nd gear in the main gearbox.
2. Release the clutch momentarily then depress it again.
3. Move the transfer box lever from **N** into the desired range.
4. Select the appropriate gear in the main gearbox and move away.

On the move - high to low selection

This is the recommended method.

1. With the vehicle slowing down and at less than 5 mph (8 km/h), depress the clutch and move the transfer lever to **N**.
2. Just before the vehicle comes to a halt, and with the clutch pedal still depressed, move the lever to **L**.
3. Select a suitable gear in the main gearbox and release the clutch. Continue driving.

On the move - low to high selection

1. Apply slight backwards pressure to the transfer gearbox lever in preparation for the gearchange.
2. In 3 simultaneous moves, depress the clutch, release the accelerator then move the transfer gearbox lever to **N**.
3. Release the clutch for 3 seconds then depress it again and move the transfer gearbox lever firmly to **H**.
4. Select a suitable gear in the main gearbox and release the clutch. Continue driving.

Differential lock

Your vehicle has permanent 4-wheel drive, however, additional grip may be applied to loose and slippery surfaces by locking the differential.

Note: If you want to lock the differential while moving, it is essential to be travelling in a straight line, on firm ground and with no wheel slip.

To lock the differential from **H** or **L** positions;

Ease off the accelerator then move the transfer gearbox lever to the left, into the **DIFF LOCK** position.



When the differential lock is engaged, the amber warning icon in the instrument panel will illuminate.

To unlock the differential:

Move the transfer gearbox lever to the right into the **H** or **L** position.

Operating note

Do not engage the differential lock if a wheel is slipping. Doing so could cause damage to the transmission.

Do not engage the differential lock from the transfer neutral position.

Do not drive above 40 mph (60 km/h) with the differential locked.

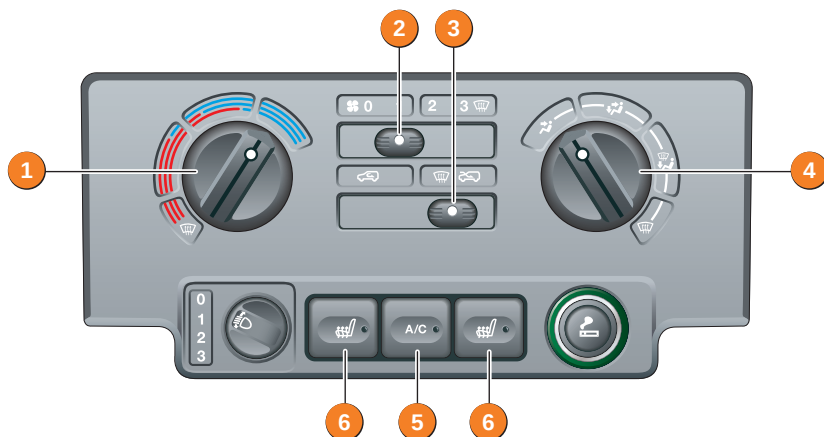
Do not exceed a water depth of 20 inches (500mm) when wading.

Always unlock the differential for normal road driving, or as soon as you reach a hard surface.

Advice on Off-Road Driving techniques can be found in the Land Rover publication, Off-Road Driving. This is available on line at:

www.ownerinfo.landrover.com

Controls



- 1. Temperature selection**
Rotate the control to adjust the temperature of air entering the passenger compartment.
- 2. Blower speed**
Slide the blower control to adjust the airflow through the vents.
- 3. Air recirculation and fresh air**
Slide the lever for re-circulated or fresh air.

Note: For optimum demist performance, set this lever, the blower speed control and the air distribution control to the windscreen icon positions.

- 4. Air distribution**
Rotate the control to direct air flow from the vents as required.



Face level vents.



Foot and face level vents.



Windscreen and foot level vents.



Windscreen and side window vents.

- 5. Air conditioning**
Press to switch the air conditioning on. Press again to switch off.
- 6. Heated seats**
Press to activate the required seat heater. The seat heaters are thermostatically controlled to maintain a pre-set temperature. Press again to switch off.

Front and rear heated screens

Switches for the heated screens are located on the fascia. The switches will illuminate while the heating element is operating.



Windscreen heater. The heating element will switch off automatically after approximately 8 minutes.



Rear window heater. Press to switch the heated window on, and again to switch it off.

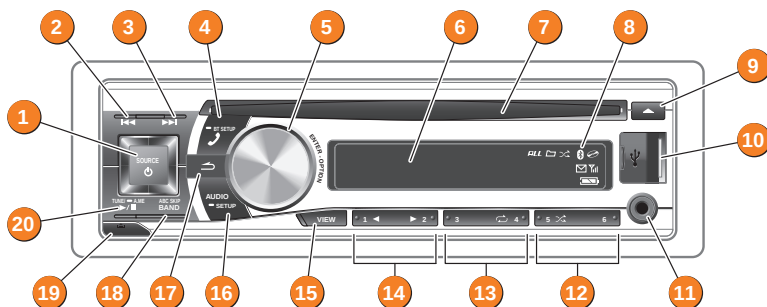
Heated seats

To prevent the battery from becoming discharged the seat heaters should be operated only when the engine is running.

External water deposits

The air conditioning system removes moisture from the air and deposits excess water beneath the vehicle. Puddles may form but this is normal and no cause for concern.

Audio system controls



1. SOURCE.

Press and hold to turn the system on or off. Press repeatedly to switch between TUNER, DISC, USB AUDIO/iPod, AUXILIARY and with telephone option fitted, BT AUDIO.

2. Seek down.

Short press to search down to the next station or previous track in the current audio mode. Long press to search down through the current radio frequency or back through the track in the current audio mode.

3. Seek up.

Short press to search up to the next station or next track in the current audio mode. Long press to search up through the current radio frequency or forward to the next track in the current audio mode.

4. With telephone option fitted, press to accept/disconnect a call.

5. Rotate to adjust volume. When a menu is open, rotate to move to the next or previous menu. Press to select a menu item. During MP3 playback, press to search by folder or file name.

6. Information display.

7. CD slot.

8. Icons will illuminate when a feature is in use or a telephone/portable media device is connected.

9. CD eject.

10. USB connection.

11. AUX socket.

12. Radio preset buttons 5 and 6. Press and hold to store a station. Press briefly to select a station. Portable media track shuffle. Press repeatedly for options.

13. Radio preset buttons 3 and 4. Press and hold to store a station. Press briefly to select a station. Portable media track repeat. Press repeatedly for options.

14. Radio preset buttons 1 and 2. Press and hold to store a station. Press briefly to select a station. Portable media (MP3) select next and previous folders.

15. VIEW. Change displayed information.

16. AUDIO/SETUP.

Short press to access the audio sound/tone settings menu. Long press to access the audio/telephone/clock setup menu. Select and adjust with control 5. Press and hold to close the menu.

17. Menu back.

Short press to return to previous portable media menu. Long press to close the portable media menu.

18. BAND.

In radio mode

Press repeatedly to switch between radio wavebands. Long press to activate traffic announcements.

In telephone mode

When a call is in progress, press to switch speaker output between audio system and telephone.

19. Faceplate release.

20. TUNE/Pause play.

In radio mode

Short presses to select radio auto-store modes DX SEEK or SEEK.

Long press to auto-store 6 radio frequencies on the preset buttons.

In portable media mode

Pause/play current audio source.

In telephone mode

When a call is in progress, press to mute the vehicle microphone.

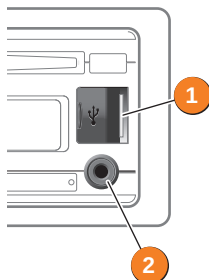
Portable media

Portable media includes iPod®, USB and AUX devices and also Bluetooth® wireless technology devices when the telephone option is fitted. The audio system will play MP3 files from these devices, a USB memory stick or a USB controlled MP3 player.

To connect a Bluetooth® wireless technology media player, use the same procedure as when pairing and connecting a Bluetooth® wireless technology device.

1. USB/iPod connection.
2. Auxiliary input. Uses a standard 3.5mm audio jack.

Note: The maximum shoulder size of any auxiliary input connector should not exceed 8mm. A wider shoulder will prevent good connection.



Connect a portable device then press and release the **SOURCE** button repeatedly until **AUXILIARY** or **USB/iPod** is displayed. MP3 file play will now begin.

Note: Sound quality and volume levels available from devices connected to the auxiliary input may vary widely.

Note: iPod/iPhone devices must be connected via the interface cable supplied with the device.

Controlling the iPod/iPhone device

Control of certain iPod/iPhone devices can be switched between the audio system and the device. See the manufacturer's instructions. The iPod Control must be set to HU (Head Unit).

1. With an iPod/iPhone connected, press and hold **AUDIO/SETUP**.
2. Use the rotary control to select **iPod CONT**.
3. Select either **iPod MODE** or **HU MODE**.
 - **iPod MODE** - use the controls on the iPod/iPhone.
 - **HU MODE** - use the audio system controls.
4. Press and hold **AUDIO/SETUP** to close the setup menu.

iPod/iPhone song search

The audio system's search facility can assist in finding the desired track.

1. With an iPod/iPhone connected, press and hold **AUDIO/SETUP**.
2. Use the rotary control to select one of the following options to begin the search.
 - **PLAYLIST**
 - **ARTIST**
 - **ALBUM**
 - **SONG**
 - **PODCAST**
 - **GENRE**
 - **COMPOSER**
 - **AUDIOBOOK**

Alternatively, select **SHUFFLE ALL** to play all of the audio tracks in a random sequence.

Alphabet search

If the device has a refined track list, the alphabet search facility can be used to assist further.

1. While in the menu search mode, press **BAND** to activate the alphabet search mode.
2. Use the rotary control to select the first letter of the required track. A list of tracks beginning with that letter will be displayed.
3. Use the rotary control to select the required track and begin playback.

Radio Data System (RDS)

RDS is a radio information system available from FM broadcasts. RDS allows reception of information such as traffic information and station names and also allows automatic retuning to a stronger transmitter that is broadcasting the same programme.

1. Press and hold AUDIO/SETUP to open the setup menu.
2. Use the rotary control to select TUNER.
3. Select one of the following options:
 - AF - Alternative frequencies. Select ON or OFF.
 - REGIONAL - Regional programming. Select ON or OFF.
 - PI SEEK - Programme information seek. Select ON or OFF.
4. Press and hold AUDIO/SETUP to close the setup menu.

Setting the clock

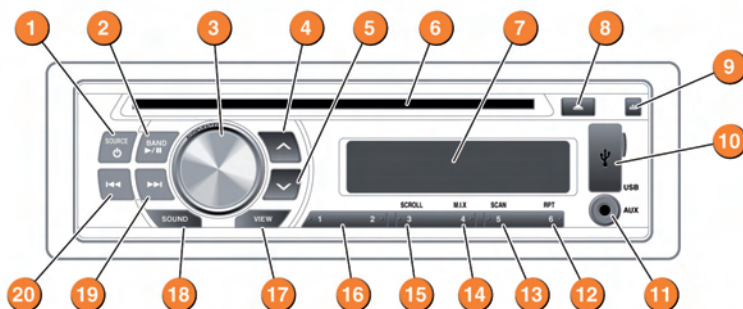
The clock can be set to automatically adjust according to RDS information.

1. Press and hold AUDIO/SETUP to open the setup menu.
2. Use the rotary control to select TUNER.
3. Select AUTO CLOCK.
4. Select A-CLOCK ON to enable or A-CLOCK OFF to disable.
5. Press and hold AUDIO/SETUP to close the setup menu.

Compatible disc types

Look for the 'Compact Disc Recordable' logo on new CD's. Other formats may not be recognised. Discs with paper labels and double sided dual format discs should be avoided as they could become jammed.

Standard audio system controls



1. SOURCE.

Press and hold to turn the system on or off.
Press repeatedly to switch between TUNER, DISC, USB AUDIO and AUXILIARY.

2. BAND.

In radio mode

Short press to switch between radio wavebands.

In CD/MP3 mode

Pause/play current audio source.

3. Rotate to adjust volume. When a menu is open, rotate to move to the next or previous menu. Press to select a menu item.

4. In radio mode

Long press to turn on traffic announcements.

In MP3 mode

Move to previous folder.

5. In radio mode

Press to activate TA (traffic announcements).

In MP3 mode

Move to next folder.

6. CD slot.

7. Information display.

8. CD eject.

9. Faceplate release.

10. USB connection.

11. AUX socket.

12. In radio mode

Radio preset button 6. For all radio preset buttons, a short press will select the stored station. Long press to store the current radio station frequency to the preset button.

In CD/MP3 mode

RPT (repeat). Short press for continuous play of current track. Long press for continuous play of current MP3 folder.

13. In radio mode

Radio preset button 5.

In CD/MP3 mode

SCAN. Short press to play first 10 seconds of all CD tracks.

Long press to play first 10 seconds of all tracks in each MP3 folder.

14. In radio mode

Radio preset button 4.

In CD/MP3 mode

MIX (shuffle). Short press for CD random play. Long press for MP3 folder random play

15. In radio mode

Radio preset button 3.

In CD/MP3 mode

SCROLL. Press to scroll through a long title on the display screen.

16. Radio preset button 2 and 1.

17. VIEW. Change displayed information.

18. SOUND.

Short press to access the sound/tone settings menu.

Long press to access the audio setup menu.

Select and adjust with control 3. Press and hold to close the setup menu.

19. Seek up.

Short press to search up to the next station or next track in the current audio mode.

Long press to search up through the current radio frequency or forward to the next track in the current audio mode. Press again to stop the search.

20. Seek down.

Short press to search down to the next station or previous track in the current audio mode.

Long press to search down through the current radio frequency or back through the track in the current audio mode. Press again to stop the search.

Bluetooth® wireless technology

Pairing and connecting a Bluetooth® wireless technology device

The vehicle system must first be set to 'VISIBLE' as follows:

1. Press and hold **AUDIO/SETUP**.
2. Select **BLUETOOTH**.
3. Select **VISIBLE M**.
4. Select **VISI M ON** or **VISI M OFF** as required.
5. Press and hold **AUDIO/SETUP** to close the setup menu.

Bluetooth® wireless technology phone compatibility

Compatible Bluetooth® wireless technology phones can communicate with the vehicle's inbuilt telephone system. For the latest compatibility information, refer to www.landrover.com. Select **OWNERS** then **Bluetooth®**.

To pair a telephone, use the following procedure in conjunction with your Bluetooth® wireless technology phone manufacturer's instructions.

Note: The process of pairing and connecting a phone to the vehicle will vary depending on the type of mobile phone used.

Note: If a Bluetooth® wireless technology device is already connected, turn it off before making another pairing. Up to 3 devices can be paired to the system.

1. Switch the ignition on.
2. Using the mobile phone, search for Bluetooth® wireless technology devices. See your phone's operating instructions for further information.
3. When the vehicle's Bluetooth® wireless technology system is discovered, select **PAIR YES** from the mobile phone menu.
Note: Some mobile phones require a 4 digit PIN code. Enter 0000.
4. Once your phone is paired it may automatically connect to the vehicle system. If not, follow the pairing procedure to pair the telephone manually.

Note: Some mobile phones require the Bluetooth® wireless technology pairing to be set as 'authorised' or 'trusted' in order to automatically connect. Please refer to your phone's operating instructions for further information.

Changing the Bluetooth® wireless technology device

When there are two or more devices paired, follow the procedure to change to one of the other devices.

1. Press and hold **AUDIO/SETUP**.
2. Select **BLUETOOTH**.
3. Select **PAIRED DEV**.
4. Select the required device from the list.
5. Select **CONNECT**.
6. Press and hold **AUDIO/SETUP** to close the setup menu.

Downloading phonebook entries

When a phone with phonebook download capability is connected, its phonebook directory can be automatically downloaded to the vehicle system.

1. Press and hold **AUDIO/SETUP**.
2. Select **BLUETOOTH**.
3. Select **PB UPDATE** then select **ON**.
4. Press and hold **AUDIO/SETUP** to close the setup menu.

Searching phonebook entries

A contact number can be accessed from the phonebook to make a call.

1. Press and hold **AUDIO/SETUP**.
2. Select **BLUETOOTH**.
3. Select **PHONE BOOK**.
4. Press the **BAND** button on the audio system to activate the alphabet search mode.
5. Select the first letter of the contact name.
6. Press the **Seek up** button on the audio system to move to the second letter.
7. Select the second letter of the contact name.
8. Press the **Seek up** button again to move to the third letter.
9. Press **AUDIO/SETUP** to show all available matches.
10. Use the rotary control to select the required contact number and begin the call.

Fuel filling

Filler cap location



A small arrow on the fuel gauge indicates which side of the vehicle the fuel filler is located.

Fuel filler cap



To remove:

1. Holding the filler cap, insert the small metal key and turn it a half-turn counterclockwise.
2. Remove the key
3. Slowly unscrew the filler cap, allowing any fuel tank pressure to be released.

Remove the cap.

To replace:

1. Fit the filler cap and tighten clockwise. The ratchet must click at least 3 times.
2. Holding the filler cap, insert the key and turn it a half-turn clockwise.
3. Remove the key.
4. The filler cap is now locked but can still be rotated.

Fuel specification

Use diesel fuel to EN 590 specification.

Land Rover vehicles can use up to a 7% blend of bio-diesel fuel.

The sulphur content of diesel fuel used in Land Rover vehicles should not exceed 0.3% (3000 parts per million).

In countries where the sulphur content is higher, more frequent servicing will be required.

If the vehicle is filled with the wrong type of fuel:

- DO NOT start the engine!
- Call for qualified assistance!

Tyre pressures

Tyre pressures are displayed on a label fixed to the inside of the front door opening on the right side of the vehicle.