



NISSAN X-TRAIL

QUICK REFERENCE GUIDE



WELCOME TO YOUR NEW NISSAN X-TRAIL

This guide provides a quick reference to several useful features of your new X-TRAIL.

For a complete description of all systems and features of your vehicle, please refer to the vehicle's OWNER'S MANUAL.



Note that some of these features are optional and may not apply to your vehicle.

ENJOY YOUR DRIVE!

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DOORS - UNLOCKING AND LOCKING




You can lock and unlock the doors by pressing the lock  or  unlock button on the remote control key fob or Intelligent Key.



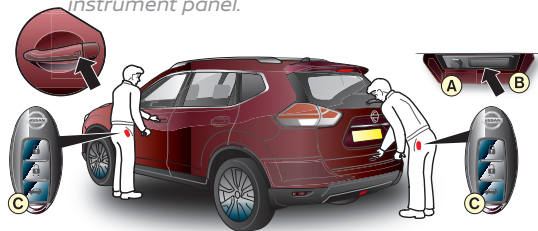
Remote control key

fob Intelligent Key

Intelligent Key System



The Intelligent Key System is a keyless entry system that allows you to lock and unlock the doors and tailgate without using the key when the Intelligent Key is within the vehicle's operating range. To open a door, push the unlock button on the door handle and pull the handle towards you. Unlock the tailgate by pressing the unlock button  on the tailgate. To open the tailgate, press the opener switch . To lock the doors or tailgate, press the button on the door handle or tailgate. The tailgate can also be opened or closed by pressing and holding the power back door button  on the Intelligent Key, or by pressing the power back door switch on the lower instrument panel.

Note: The powered back door OPEN/CLOSE function can be disabled by pressing the power back door OFF switch on the lower instrument panel.



Door Unlock Modes

Two different unlock modes can be selected:

- Selective Door Unlock mode – Only the driver's door will initially unlock after pressing the button on the driver's door handle or the unlock  button on the key fob. To unlock all doors, press either button again.
- Convenience mode – All doors will be unlocked with a single press of the button on the door handle or the  button on the key fob.

As default, the unlock mode is set to "Convenience mode".

To swap between modes, use the [Vehicle Settings] menu within the vehicle information display.

MOTION-ACTIVATED BACK DOOR

The kick motion sensor, located on the back of the rear bumper, enables you to open or close the back door without having to use your hands.

While carrying the Intelligent Key, when you move your foot under and away from the bumper using a kicking motion, the back door will open or close automatically.



VEHICLE SPEED SENSING DOOR LOCK MECHANISM

All doors will be locked automatically when the vehicle speed reaches 10km/h. Once the lock has been unlocked again while driving, the vehicle speed sensing door lock mechanism will not lock the door again unless one of the following is performed.

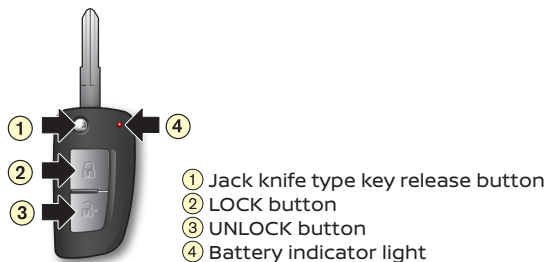
- Opening any of the doors
- Switching the ignition switch to the "LOCK" position

To activate the vehicle speed sensing door lock mechanism



1. Place the ignition switch in the "ON" position.
2. Within 20 seconds push and hold the power door lock switch to the "LOCK" position for 5 seconds.
3. A buzzer will sound if the deactivation was successful.

SELECTIVE DOOR UNLOCK MODE (TYPE A CONTROLLER)

1. Push the "UNLOCK" button on the remote controller
2. The driver's door will unlock
3. Push the "UNLOCK" button on the remote controller again.
4. All the doors will now be unlocked.



DOORS - UNLOCKING AND LOCKING



You can lock and unlock the doors by pressing the lock  or unlock  button on the remote control key fob.



Remote control key fob

Door Unlock Modes

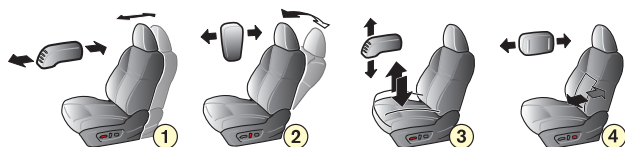
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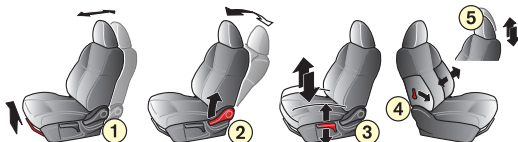
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SEAT ADJUSTMENT



Power seat adjustment



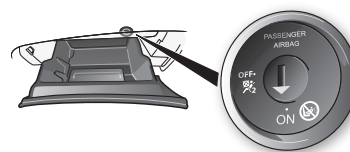
Manual seat adjustment

- ① Horizontal adjustment
- ② Seat back inclination
- ③ Seat height adjustment (driver's seat only)
- ④ Lumbar support (driver's side only)
- ⑤ Head rest adjustment

Folding 2nd row seats on vehicles with 3 row seats

1. To fold 2nd row seats flat, pull the strap on the outer edge of the seat base cushion and simultaneously operate the lever on the seat back.
2. Operating the seat back lever alone gives access to the 3rd row seat.

DEACTIVATING FRONT PASSENGER AIR BAG



With the ignition switch in the LOCK position, insert the key into the front passenger air bag switch, located inside the glove box. Turn the switch to the <OFF> position to deactivate the front passenger air bag.



While the front passenger air bag is deactivated, the front passenger airbag OFF indicator light will illuminate in the combimeter.



If the front passenger air bag is not deactivated, the front passenger airbag ON indicator will light up for one minute after the ignition is switched ON and then turn off.

HEADLAMPS AND WIPERS

Auto Light System

Turn the light switch to the <AUTO> position. The headlamps will turn on and off automatically depending on the exterior light conditions.




Daytime Running Lights

Even when the headlights are switched off, the daytime running lights will come on after the engine is started. The daytime running lights will turn off when the clearance lights or headlights are, either manually or automatically, switched on.

Auto High-Low Beam Switching

When the Auto High-Low beam system is enabled, the headlights will automatically switch between high and low beam depending on traffic conditions and street lighting.

To enable the Auto High-Low beam system, push the stalk away from you while the light switch is in the <AUTO> position. The Auto High-Low beam indicator light in the combimeter will illuminate to show that the system is enabled. To select manual high beam control, turn the light switch to the  position.



Friendly Lighting

With the ignition in the LOCK position, pull the light stalk towards you once; the headlamps will come on for approx. 30 seconds and then switch off automatically. Pull the stalk more than once to increase the time that the headlamps will stay on.

Welcome Lighting

Welcome lighting can be set ON or OFF through the [Settings] menu in the vehicle information display.

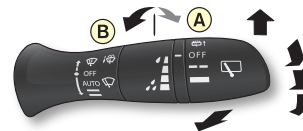
When set to ON, front and rear interior lamps will come on for 30 seconds after unlocking a door. They will also stay on for 10 seconds after locking a door.

Auto Wipe System

Set the windscreen wiper stalk to the <AUTO> position; the wipers will now automatically start operating when rain is detected on the windscreen.

Adjust the sensitivity of the rain sensing system by rotating the wiper switch ring as indicated:

- Ⓐ = more sensitive,
- Ⓑ = less sensitive.



Lifting the wipers off the windscreen

To clean the windscreen or replace the wiper blades, you will need to pull up the wiper arms from the windscreen.

The wiper arms can only be pulled up from the windscreen when the wiper arm is in the upright position. To do so, quickly push the wiper stalk upwards two times with the ignition switched ON: the wiper arm will move to the upright position.

To return the wiper arm to the normal rest position, push the wiper stalk upwards once.

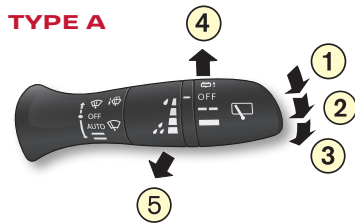
PROCEDURE TO PULL THE WIPER ARM BACK IN THE UP POSITION

The wiper arm should be in the up position when replacing the wiper blade or when washing the windscreen.

- ① Turn the Ignition switch to the "OFF" position
- ② Within 1 minute after turning the ignition switch Off Push the wiper switch lever up twice (Within 0.5 seconds)
- ③ The wiper arms will move and stop in the "MID" position on the windscreen and stop in this position

Please check the Owner's Manual for more info on points ④ & ⑤.

NOTE: Do not operate the wiper switch with the wipers in the "UP" position to prevent damage to the wiper arms and the bonnet.
Return the wiper arms back on the windscreen before operating the wiper lever switch or wipers.



ELECTRIC PARKING BRAKE



The electric parking brake switch is located at the front of the centre console as illustrated. To manually apply the parking brake, pull up the switch; the indicator light in the switch will illuminate. To release the parking brake, push the brake pedal, then push the parking brake switch down; the indicator light will turn off.

Manual Transmission Vehicles:

The parking brake will automatically apply when you switch the ignition off and will automatically release when you drive away.

XTRONIC Transmission Vehicles:

The parking brake does not apply automatically. If applied manually, the parking brake will automatically release when you push the accelerator pedal while the selector lever is either in the <D> or <R> position and provided that you are wearing your seat belt.

WARNING

Never use the automatic brake hold when the vehicle is stopped on a steep hill or slippery road. The vehicle may still move. Use the footbrake or parking brake to stop the vehicle moving.

HILL START ASSIST

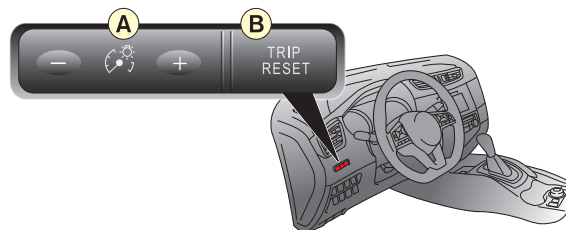
The Hill Start Assist (HSA) system automatically keeps the brakes applied for 2 seconds to prevent the vehicle from rolling as you start to drive away on a hill. Hill Start Assist will operate automatically under the following conditions:

- The shift lever is shifted into a forward (vehicle facing uphill) or reverse (vehicle facing downhill) gear,
- The vehicle is stopped completely on a hill by applying the foot brake,
- The slope exceeds 3 degrees.


If the slope is steep enough to activate the HSA system, the green HSA indicator light in the combimeter will illuminate.



BRIGHTNESS CONTROL/TRIP RESET SWITCH



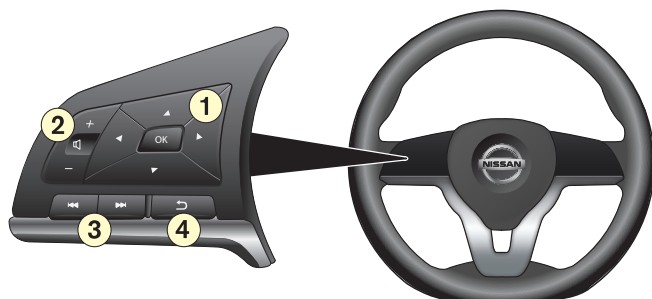
Push the — or + side of the brightness control switch  to change the brightness of the vehicle information display.

Shortly push the <TRIP RESET> switch  to switch between the twin trip odometer display for Trip A and Trip B.

Push the switch for approximately 1 second to reset the Trip A or Trip B odometer.

STEERING WHEEL CONTROLS

Audio & Menu Control Switches



① Menu control / <OK>

Push the buttons to navigate through the items in the vehicle information display

Push the buttons to change from one display screen to the next (e.g. to switch the vehicle information display to audio mode).

Push the <OK> button to select an item in the vehicle information display or until the preferred available audio source is selected.

② Volume

Push the + or – button to increase or decrease the volume.

③ Tuning buttons

Push the / buttons to select a station or track.

Depending on the status of the vehicle information display, the tuning buttons cannot be used for audio control.

Radio:

- Pushing / shorter: Next or previous preset station
- Pushing / longer: Next or previous station

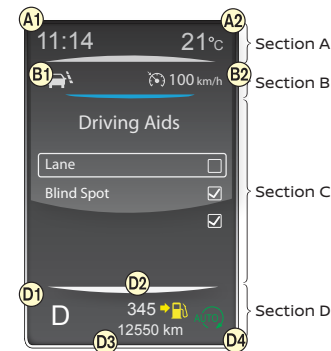
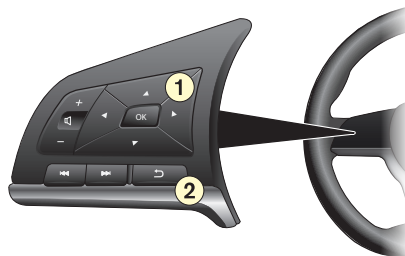
CD, iPod, USB device or Bluetooth® audio:

- Pushing / shorter: Next track or the beginning of the current track
- Pushing / longer: Forward or rewind

④ Back

Push the button to return to the previous screen or cancel the current selection.

ADVANCED DRIVE-ASSIST DISPLAY



The Vehicle Information Display is located centrally between the tachometer and speedometer. The display provides a lot of useful information and also allows you to customise your vehicle settings, using switches ① and ② on the left hand side of the steering wheel. The vehicle information display can provide following information:

In the top display (Section A);

- Clock – 12h or 24h format (A1)
- Outside Air Temperature (A2)

In the 2nd top display (Section B);

- Driving Aids icons / telltales (where fitted, (B1))
- Cruise control

In the Main display (Section C);

- Warnings and alerts
- Trip Computer Data
- Chassis Control information
- Navigation Turn-by-Turn (where fitted)

- Vehicle settings (e.g. Menu Contents Page Selection, Lighting, Maintenance, Units, Driving Aids, etc.)

To move between the various pages in this section, use the up-down switch ①.

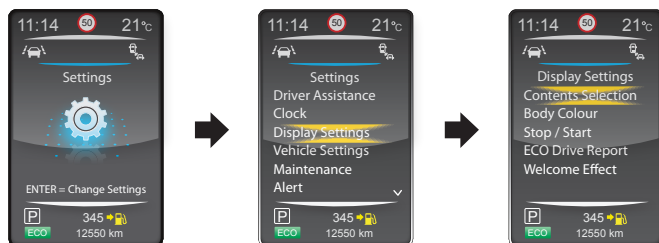
Please refer to your vehicle's Owner's Manual for full details.

In the bottom display (Section D);

- Shift lever position indicator for manual/XTRONIC transmissions (D1)
- Range remaining until refuelling is required ("Distance to Empty"), (D2)
- Trip A/Trip B odometer or total distance odometer (D3)
- Start/Stop system information (D4)

[Settings] Menu

To access the [Settings] menu, scroll through to the [Settings] page using switch ①, then press the <ENTER> switch to access the [Settings] menu.



Push switch ① up or down to scroll through the menu and press <ENTER> to select the desired item from the menu. Use the <ENTER> switch as well to select/deselect a highlighted function in the sub-menu's.

To leave the menu, repeatedly press the <BACK> button ②.

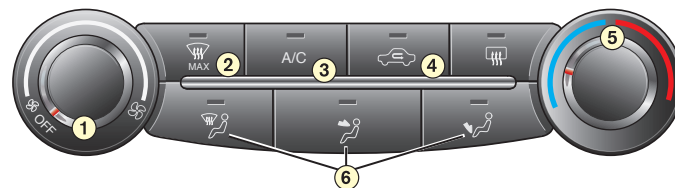
The following can be customised in the [Settings] menu*

- [Driver Assistance] – Driving Aids, Parking Aids, Chassis Control
- [Clock]
- [Display Settings] – Contents Selection, Body Colour, ECO Mode Settings, Stop/Start System Settings, Welcome Effects
- [Vehicle Settings] – Lighting, Wipers, Turn Indicator and Locking Mode Settings
- [Maintenance] – Service, Tyre, Other
- [Alert] – Timer, Navigation, Phone
- [Units] – Distance/Fuel Economy, Temperature
- [Language] – English, French, German, Italian, Spanish, Portuguese, Dutch, Turkish, Russian.

* Settings may vary by grade

CLIMATE CONTROL

Manual Air Conditioner

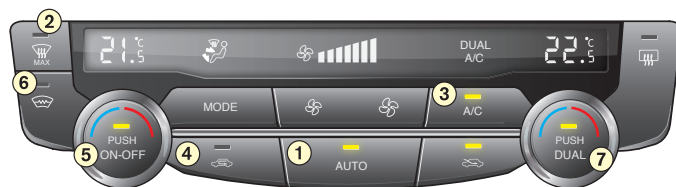


Defrosting/Demisting the windscreen

- For maximum demisting performance, push the windscreen demisting switch ②. The indicator light in the switch will illuminate. The air conditioner will automatically turn on when the ambient temperature is above -2° C and the indicator light in the <A/C> switch ③ will illuminate.
- Turn the fan speed control dial ① clockwise to a high fan speed position.
- Turn the temperature control dial ⑤ to a high temperature position.
- Make sure the air intake mode switch ④ is switched to outside air circulation. The indicator light in the air recirculation switch should be off.
- To return to the previous settings, press the windscreen demisting switch ② again.

Note: Airflow outlets can be individually selected to direct the flow of air to the exact location of your choice. Push one of the buttons to select the desired airflow outlet (the indicator light will illuminate). Push again to turn off airflow to this area (the indicator light will turn off). Any combination of the 3 airflow directions can be simultaneously selected as desired.

Automatic Air conditioner



Defrosting/Demisting the windscreen (AUTO mode)

- Push the <AUTO> button ① to select AUTO mode: the indicator light in the switch will illuminate.
- For maximum demisting performance, push the windscreen demisting switch ②. The indicator light in the switch will illuminate. The air conditioner will automatically turn on when the ambient temperature is above -2° C and the indicator light in the <A/C> switch ③ will illuminate while at the same time, the highest fan speed is selected to defrost/demist the windscreen. The air recirculation mode will automatically switch to outside air being drawn into the interior. The indicator light in the air recirculation button ④ will be off.
- Turn the temperature control dial ⑤ to a high temperature position.
- If equipped, additional defrosting/defogging performance can be achieved by switching on the ThermaClear heated windscreen system by pushing the ThermaClear switch ⑥.

DUAL Mode

DUAL mode enables the passenger to select a different temperature from the temperature selected by the driver. Push the <DUAL> dial ⑦ to select DUAL mode, then select the individual temperatures by turning the temperature control dials ⑤ and ⑦.

AUDIO SYSTEM (WITHOUT NAVIGATION)



- ① Press to switch unit ON/OFF, turn to adjust volume.
- ② Press to scroll through text for radio channels and track text where available.
- ③ Press to select radio band (AM/FM). Press and hold to update the FM list.
- ④ Press to switch between day/night illumination of display.
- ⑤ Press to eject a CD.
- ⑥ Press to switch between media sources (Tuner, CD, devices connected via auxiliary inputs (USB, Bluetooth Audio, AUX)).
- ⑦ Press to enter telephone menu.
- ⑧ Turn to manually tune into a broadcasting station or step through a menu. Press to enter a selection within a menu.
- ⑨ Press to activate Traffic Announcement function.
- ⑩ Press to select next/previous broadcasting station or return to previous track/skip current track on a CD or other medium connected. Press and hold to fast forward or fast rewind through the current track medium.
- ⑪ Press to enter the setup menu.
- ⑫ Press to return to the previous screen in the menu.
- ⑬ Station preset buttons 1-6, repeat (<RPT>) tracks, mix (<MIX>) tracks and input characters (<A-Z>).

Note: refer to your vehicle's Owner's Manual for full details on the unit's operation.

COMBINED AUDIO AND NAVIGATION SYSTEM (NISSAN CONNECT)



- ① Touch screen display.
- ② Press to switch the unit ON/OFF, turn to adjust the volume.
- ③ Press to display the rear/around view monitor.
- ④ Press to select next/previous broadcasting station or return to previous track/skip current track on a CD or other medium connected. Press and hold to fast forward or fast rewind through the current track medium.
- ⑤ Press to switch between media sources (CD and devices connected via auxiliary inputs (USB, Bluetooth Audio, AUX)).
- ⑥ Press to access telephone menu.
- ⑦ Press to switch between radio bands (FM1, FM2, and AM).
- ⑧ Press to eject a CD.
- ⑨ SD card slot (for navigation maps only).
- ⑩ Press to display the map on the screen.
- ⑪ Press <NAV> to select the Navigation menu, press <INFO> to access the INFO screen.
- ⑫ Press the day/night button to switch between day/night mode illumination of the display. Press the <SETUP> button to select the [SETUP] menu.
- ⑬ Press to return to a previous screen or cancel a selection.
- ⑭ Turn to scroll through a menu or list, press to enter a selection within a menu.

Note: refer to your Nissan Connect Owner's Manual full details on the unit's operation.

CONNECTING YOUR MOBILE PHONE VIA BLUETOOTH

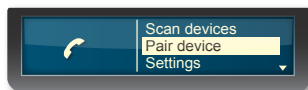
Using Bluetooth technology, you can connect ("pair") your mobile phone with the vehicle for hands-free use of your mobile phone.

Note: for detailed information on Bluetooth, iPod / USB connectivity, refer to your vehicle Owner's Manual or your Nissan Connect Owner's Manual.

Pairing Procedure (models without Navigation System)

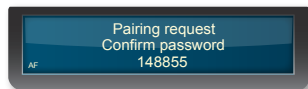
On the audio unit:

- Press the Telephone button on the audio unit or steering wheel, select [Bluetooth] and press <ENTER>.
- Select [Pair Device] and press <ENTER>.



On your mobile phone:

- Make sure Bluetooth is switched on.
- Have your mobile phone search for Bluetooth devices. When your mobile phone recognises the vehicle system, you will be requested either to:
 - confirm that the 6-digit PIN number displayed is the same as on the pop-up message shown on your mobile phone
 - enter the PIN code (0000)
- After entering the PIN code or password, the pairing procedure is complete.



The unit will automatically connect to your mobile phone the next time you turn on the ignition.

Pairing Procedure (models with NISSAN CONNECT System)

On the audio unit:

- Press the <SETUP> or button on the NISSAN CONNECT unit and select [Telephone & Bluetooth] from the [SETUP] menu.



- Select [Pair New Device]



On your mobile phone:

- Make sure Bluetooth is switched on.
- Have your mobile phone search for Bluetooth devices. When your mobile phone recognises the vehicle system, it will display the message [Is PIN XXXXXX displayed on your mobile device?].
- If so, select [YES] to complete the pairing process.

CONNECTING AN EXTERNAL AUDIO OR MEMORY DEVICE

Your vehicle is equipped with auxiliary input sockets (USB, 3.5 mm JACK) located in the storage box under the centre armrest. Using these auxiliary inputs, you can connect an iPod/MP3 player or USB device to your audio system.

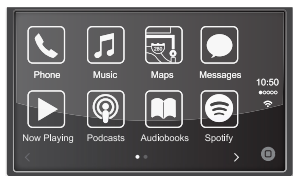


Press the <AUX> or <MEDIA> button on the audio unit to select audio playback from the externally connected device.

APPLE CARPLAY (TYPE B AND TYPE C)

You can use Apple CarPlay by connecting a compatible iPhone to the USB port in the centre console of the vehicle.

With Apple CarPlay, your in-vehicle system can be used as a display and controller for some of the iPhone functions. Apple CarPlay features Siri which enables certain operations via voice control.



TIP: To activate the Siri feature, press and hold the Voice Recognition button on the right side of the steering wheel.

For additional information on the Apple CarPlay system, please refer to the separately provided NissanConnect Owner's Manual. To exit the Apple CarPlay screen, touch and select [Nissan] on the Apple CarPlay screen.

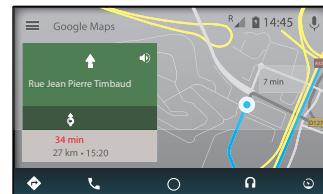
NOTE:


- Apps and languages shown on the display will vary according to your iPhone settings.
- If Apple CarPlay does not start automatically confirm the CarPlay settings: In the [Settings] menu > [Apps] > Select your phone from the list > Select [Always] in [Enable after USB Connection].
- Refer to your NissanConnect Owner's Manual for full details on the Apple CarPlay system.

ANDROID AUTO (TYPE B AND TYPE C)

To use Android Auto, download the Android Auto App from Google Play to an Android phone in advance.

You can use Android Auto by connecting a compatible Android phone to the USB port in the centre console of the vehicle. With Android Auto, your in-vehicle system can be used as a display and controller for some of the Android phone's functions. Android Auto supports Talk to Google which enables certain operations via voice control.



To exit the Android Auto screen, touch  on the Android Auto screen.

TIP: To activate the Talk to Google feature, press and hold the Voice Recognition button on the right side of the steering wheel.

For additional information on the Apple CarPlay system, please refer to the separately provided NissanConnect Owner's Manual. To exit the Apple CarPlay screen, touch and select [Nissan] on the Apple CarPlay screen.

NOTE:

- Apps and language shown on the display will vary according to your Android phone settings.
- If Android Auto does not start automatically confirm the Android Auto settings: In the [Settings] menu > [Apps] > select your phone from the list > select [Always] in [Enable after USB Connection].
- Refer to your NissanConnect Owner's Manual and the Android Auto website for full details on the the Android Auto system.

IDLE STOP/START SYSTEM

The Idle Stop/Start system automatically stops and restarts the engine when the vehicle is stationary. This system contributes to improved fuel economy and exhaust emissions.

When the engine is stopped by the system, the <AUTO> symbol will appear in the lower right-hand corner of the vehicle information display.

To activate the Idle Stop/Start system:

- On manual transmission models, bring the vehicle to a complete stop, remain at idle in Neutral gear and release the clutch pedal.



To restart engine when the Idle Stop/Start system is active:

- On manual transmission models, the engine will restart as soon as you depress the clutch pedal to shift into a (forward or reverse) gear.

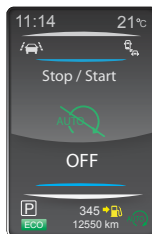
Note: The automatic Idle Stop/Start system will not function under certain conditions, for example if the engine has not yet reached its normal operating temperature. This is normal behaviour and does not indicate a system fault.

The Idle Stop/Start system will be deactivated when you take off your seat belt or open a door while the system is operational. In such case, restart the engine manually.

Deactivation of the system is briefly displayed on the vehicle information display.

To continue driving when the system is deactivated, you should restart the engine manually using the ignition key or <ENGINE START/STOP> button.

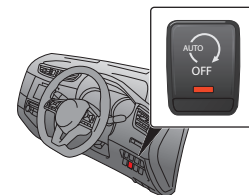
Note: Even when the engine has been stopped automatically at the end of a journey, you must still switch off the ignition as normal, using the ignition key or <ENGINE START/



STOP> button.

Switching off the Idle Stop/Start system

The Idle Stop/Start system can be switched off for the duration of a journey by pressing the Idle Stop/Start system OFF switch to <OFF>; the indicator light in the switch will illuminate and the Idle Stop/Start system OFF symbol will be displayed in the lower right-hand corner of the vehicle information display. Next time you switch on the ignition, the system will be automatically re-activated.



CRUISE CONTROL



- ① <RES+> switch
- ② <CANCEL> switch
- ③ <SET-> switch
- ④ Cruise ON/OFF switch

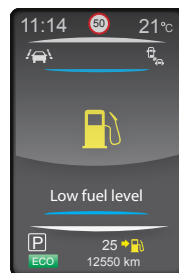
Turn the Cruise Control system on or off using the cruiseON/OFF switch ④ on the steering wheel. The Cruise Control indicator light at the top of the vehicle information display will illuminate.

Cruise control

Push the cruise ON/OFF switch ④, accelerate to the desired cruising speed and press <SET-> ③; the set cruise speed will be shown on the vehicle information display and the cruise control indicator light will turn green. The vehicle will now maintain the set cruising speed without the need to depress the accelerator pedal. Adjust the cruising speed up or down by pressing <RES+> ① or <SET->. Cancel cruising by tapping the brake or clutch pedal or by pressing <CANCEL> ②. Resume cruising at the previous speed by pressing <RES+>. To turn the cruise control off, push the cruise ON/OFF switch.

Note: For full details on the use of the cruise control and speed limiter systems, please refer to your vehicle's Owner's Manual.

REFUELLING



The fuel gauge indicates the approximate level of fuel in the tank when the ignition is switched ON. The available range is permanently shown at the bottom of the vehicle information display. When the level in the tank becomes low, a warning will be shown on the vehicle information display and the vehicle range symbol will change colour to yellow. Refuel as soon as possible, before the range reaches "0". The fuel pump symbol (⛽) shown on the fuel gauge reminds you that the fuel filler lid is on the right hand side of the vehicle.

To open the fuel filler lid, pull the fuel filler lid release lever at the lower instrument panel as shown. After refuelling, turn the fuel filler cap until you hear the ratchet click.








FOUR WHEEL DRIVE MODE CONTROL



The Four Wheel Drive (4WD) mode select switch, located at the centre console, is used to select between two wheel drive (2WD), AUTO or LOCK (4WD) mode, depending on driving conditions.

- To select 2WD mode, turn the 4WD mode select switch to the <2WD> position.
- To select AUTO mode, turn the switch to the <AUTO> position
- To select LOCK (4WD) mode, turn the 4WD mode select switch to the <LOCK> position while the vehicle speed is below 40 km/h (24 mph). The switch will return to the central position while the LOCK mode is activated. To de-activate the LOCK mode and return to the AUTO mode, turn the switch once more to the <LOCK> position and release it.

Use the below table as a reference to select the appropriate drive mode.

4WD mode	Wheels driven	4WD indicator light	Driving conditions
 2WD	Front wheels	Goes off	For driving on dry, paved roads.
 AUTO	Distribution of torque to the front and rear wheels changes automatically, depending on road conditions encountered. The ratio for torque distribution between front and rear axle ranges between 100:0 (2WD) and 50:50 (4WD).		For driving on paved or slippery roads. This is the recommended mode for normal/everyday driving.
 LOCK	Front and Rear wheels		For driving on rough roads.

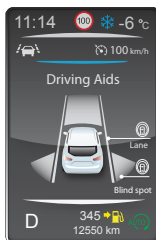
Note: LOCK mode changes to AUTO mode automatically when the vehicle is sharply accelerated or the vehicle speed is over approximately 40 km/h (24 mph). The 4WD LOCK indicator light goes off. Turning off the Ignition automatically cancels the LOCK mode.

DRIVING AIDS

Your vehicle may be equipped with following driving aids:

- Lane Departure Warning (LDW)
- Blind Spot Warning (BSW)
- Intelligent Emergency Braking (IEB)

When activated, through the [Settings] menu, information on these driving aids is shown at the upper side of the vehicle information display.



Lane Departure Warning

The Lane Departure Warning (LDW) system operates at speeds over approx. 70 km/h. If you approach either side of the lane in which you are travelling, a sound will chime and the LDW indicator light in the vehicle information display will start blinking in order to alert you.



Blind Spot Warning

The Blind Spot Warning (BSW) system operates at speeds over approx. 30 km/h.

When the camera unit detects vehicles in the detection zone, the Blind Spot indicator light near the outside at the side where the vehicle is detected, will illuminate. If the turn signal is then activated, the system chimes (twice) and the Blind Spot indicator light flashes to alert you of the presence of a vehicle in the lane next to you.

The Blind Spot indicator light continues to flash until the detected vehicle leaves the detection zone.



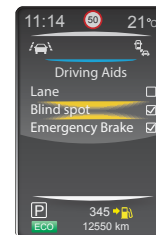
Note: The BSW system is an optical system. In adverse visibility conditions (e.g. rain, dazzling lights), the BSW system may generate false warnings. This does not indicate a system failure.

Intelligent Emergency Braking (IEB)

The IEB system assists you in avoiding frontal collisions. The system operates at speeds over approx. 5 km/h

(3 mph). It uses a radar sensor behind the front bumper to calculate the distance between your vehicle and the vehicle in front of you.

If the distance becomes too small, the IEB system warning light will flash and a chime will sound. If the distance becomes even smaller, the beep will sound more frequently and the IEB system warning light will start flashing. If finally the distance becomes even smaller, active braking will be applied to avoid or reduce the impact of a collision with the vehicle in front of you.



WARNING

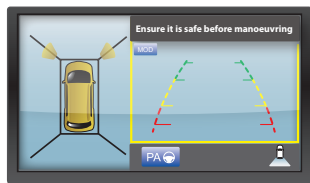


- The IEB system is a supplemental aid to the driver. It is not a substitute for the driver's attention to traffic conditions or his responsibility to drive safely. It cannot prevent accidents due to carelessness or dangerous driving.
- The IEB system may not function under all driving, traffic, weather and road conditions.

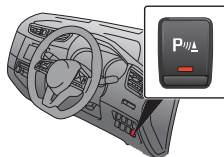
AROUND VIEW MONITOR

The around view monitor system helps you to manoeuvre your vehicle by detecting objects around the vehicle, e.g. when parking your vehicle.

The system will automatically be activated when you select reverse gear. Also, you can manually activate the system by pushing the <CAMERA> button on the NISSAN CONNECT unit.



To temporarily switch off the system, push the Parking Sensor OFF switch at the lower instrument panel. The indicator light in the switch will turn off. Push the switch again to switch the system on. The indicator light in the switch will turn on.



The parking sensor system will automatically be reactivated when:

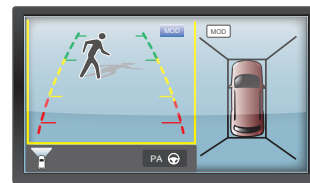
- the ignition is switched from OFF to ON,
- the shift lever is moved into the reverse <R> position
- the vehicle reaches a speed over 10 km/h and subsequently slows down to a speed below 10 km/h.

To disable the automatic reactivation function, press and hold the Parking Sensor OFF switch for approximately 4 seconds.

To restore the automatic reactivation function of the parking sensor, press and hold the switch again for approximately 4 seconds.

Moving Object Detection

The around view monitor is equipped with a Moving Object Detection (MOD) function. The MOD indicator on the screen will change to blue to show in which view the system is operating. If a moving object is detected, a yellow box will appear around the camera image and a beep will sound to warn you on the moving object detected.



CHASSIS CONTROL



The chassis control system helps to deliver improved ride comfort and handling performance by managing body movement through adjusting brake pressure and engine torque where required. The chassis control system can be turned ON/OFF through the vehicle information display.

When the Chassis Control system is turned on and Chassis Control mode is selected in the trip computer, the Active Ride Control screen is displayed on the vehicle information display.

HILL DESCENT CONTROL

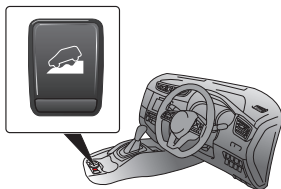
The hill descent control system provides automatic additional braking on steep descents at speeds below 25 km/h, e.g. during off-road driving.

To activate the hill descent control system:

1. Shift into forward (on manual transmission models: 1st gear) or reverse gear,
2. Turn the 4WD mode switch to the <LOCK> position and release it,
3. Push the hill descent control switch at the centre console.
The hill descent control indicator light in the instrument panel will illuminate.

If you depress either the accelerator or the brake pedal, the system will temporarily be deactivated. As soon as you release the accelerator or brake pedal, the hill descent control function will be restored.

To turn off the hill descent control system, push the hill descent control switch again.



DIESEL PARTICULATE FILTER

If your vehicle is fitted with a diesel engine, a Diesel Particulate Filter (DPF) may be fitted as part of the emission control system. The DPF filters carbon particles from the exhaust gas, thus reducing the emission of soot to the environment.

Under normal driving conditions, the accumulated carbon particles in the DPF are burned-off regularly, thus emptying the filter from carbon particles. In this way, the DPF is "regenerated" and again fully operational to filter out the carbon particles from the exhaust gas as intended.

Under certain less-favourable driving conditions, the DPF may become saturated/clogged because these driving conditions prevent automatic regeneration of the filter. In this case, the Malfunction Indicator Light (MIL - orange) or Malfunction Warning Light (MWL - red) may come on (although there may be other engine management malfunctions that may cause this light to come on). Also, DPF saturation/clogging may result in reduced engine performance and engine speed limitation.

Should the MIL or MWL come on for any reason, always visit a Nissan dealer as soon as possible. Extended driving with the MIL/MWL illuminated may lead to damage to the engine control system.

What you can do yourself to prevent the DPF from becoming saturated/clogged:

- Avoid repeated and frequent short journeys in which the engine does not reach its normal operating temperature.
- Regularly drive the vehicle at speeds over 60 km/h for an extended period of time (more than 30 minutes).

visit our website at: www.nissan.co.za

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