

CEED
DRIVING
EXPERIENCE
2018

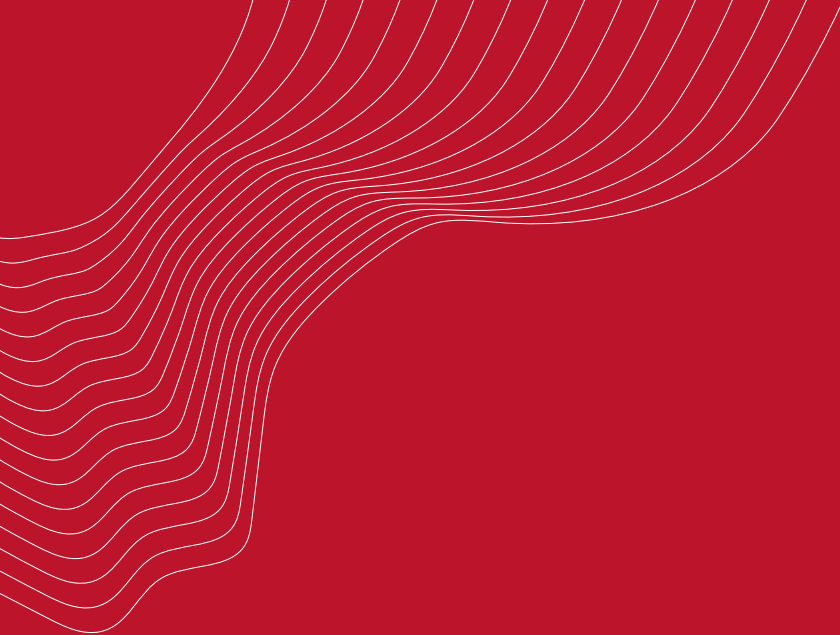


NEW KIA CEED

FACTS & FIGURES

GUIDE





GUIDE

**FACTS &
FIGURES**







OVERVIEW

Dashboard Overview
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**CONVENIENCE
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Heated/Ventilated Front Seats and
Heated Steering Wheel
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8" Touchscreen Navigation with Kia's
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- Weather Forecast
- Speed Camera Alerts
- Local Search
- Live Fuel Station Search
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- Live Parking Search

Android Auto
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JBL Premium Sound System

**ADVANCED DRIVER
ASSISTANCE SYSTEMS**

Forward Collision-Avoidance Assist
Lane Keeping Assist
Driver Attention Warning
Smart Cruise Control with Stop & Go
Lane Follow Assist
Blind Spot Collision Warning
Rear Cross-Traffic Collision Warning
High Beam Assist
Smart Park Assist and Rearview
Camera with Dynamic Guidelines

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1

OVERVIEW

OVERVIEW

DASHBOARD OVERVIEW

NEW KIA CEED

04 Ventilated seat button

05 Heated seat button

06 Heated steering wheel button

07 Drive Mode control

08 ISG ON/OFF button

09 Parking distance warning
ON/OFF button

10 Smart Park Assist ON/OFF button

11 Electric parking brake switch

12 Auto hold ON/OFF button



01 Smart Cruise Control
with Stop & Go /
speed limit Control

02 Volume and media
buttons

03 Wireless smartphone
charger



13 Lane Keeping
Assist / departure
warning system
ON/OFF button

14 Blind Spot
Collision Warning
ON/OFF button

15 ESP ON/OFF
button



TECHNICAL SPECIFICATIONS

NEW KIA CEED

ENGINE	FUEL TYPE	TRANSMISSION	MAX POWER PS / ROM	MAX TORQUE NM / RPM	DRIVETRAIN	TOP SPEED (KM/H)	ACCELERATION (0 - 100 KM/H)		FUEL CONSUMPTION* (LITRE/100 KM)	CO2 (G/KM)*	EMISSIONS	WHEEL TYPE	WHEEL SIZE	DIMENSIONS (L X W X H) (MM)	WHEELBASE (MM)
1.0 T-GDI (GPF)	Petrol	6 Speed MT	120 / 6,000	172 / 1,500-4,000	2WD	190	11.1		5.4 - 5.6	122 - 128	Euro 6D temp	225/45 R17	17" alloy wheels (diamond cut)	4,310 x 1,800 x 1,447	2,650
1.4 T-GDI (GPF)	Petrol	6 Speed MT	140 / 6,000	242 / 1,500-3,200	2WD	210	8.9		5.6 - 5.9	128 - 135	Euro 6D temp	225/45 R17	17" alloy wheels (diamond cut)	4,310 x 1,800 x 1,447	2,650
1.4 T-GDI (GPF)	Petrol	7 Speed DCT	140 / 6,000	242 / 1,500-3,200	2WD	205	9.2		5.5 - 5.7	125 - 129	Euro 6D temp	225/45 R17	17" alloy wheels (diamond cut)	4,310 x 1,800 x 1,447	2,650
1.6 CRDi (SCR)	Diesel	6 Speed MT	136 / 4,000	280 / 1,500-3,000	2WD	200	10.2		4.0 - 4.3	104 - 111	Euro 6D temp	225/45 R17	17" alloy wheels (diamond cut)	4,310 x 1,800 x 1,447	2,650
1.6 CRDi (SCR)	Diesel	7 Speed DCT	136 / 4,000	320 / 2,000-2,250	2WD	200	9.9		4.2 - 4.3	109 - 111	Euro 6D temp	225/45 R17	17" alloy wheels (diamond cut)	4,310 x 1,800 x 1,447	2,650

* Combined NEDC 2.0 (based on WLTP test cycle, reconverted to NEDC)



**DRIVING
DYNAMICS**

DRIVE MODE SELECT (DMS)

It is a system that supports multiple drive modes according to the driver's preferences. It controls torque mapping and the shift pattern to increase its launch and re-acceleration response, and even steering response to provide an unparalleled ride and handling.

DRIVE MODES:

Sport — dynamic performance mode.



HOW TO ACTIVATE/ DEACTIVATE?

Push the SPORT button to activate the Sport Mode setting.





**ADVANCED
DRIVER
ASSISTANCE
SYSTEMS**

FORWARD COLLISION-AVOIDANCE ASSIST (FCA WITH PEDESTRIAN DETECTION)



HOW DOES IT OPERATE?

- The system uses a camera and a long-range radar to detect vehicles and pedestrians.
- If activated, it warns the driver of a collision risk. If the driver does not react in time, the system automatically applies the brakes to prevent a collision.

WHAT FUNCTIONS DOES IT CONTAIN?

- City — stationary target in front of vehicle.
- Urban — stationary or moving target in front of vehicle.
- Pedestrian — adults or children who are entering the vehicle path up to 40 metres away.

HOW DOES IT WORK?

FCA operates in 3 stages:

- 01 Forward Warning — a sound alert can be heard, and warning message appears on the instrument cluster to notify the driver of a risky situation. The audio/ visual warning is supported by haptic pulses from the steering wheel (if equipped).
- 02 Collision Warning — the system activates a deceleration stage and a new sound alert, and a warning message appears on the instrument cluster to notify the driver, again supported by haptic pulses from the steering wheel (if equipped).
- 03 Emergency Braking — the brakes are automatically applied. The braking force varies between the time from a collision and the vehicle speed.

HOW IS IT ACTIVATED/ DEACTIVATED?

Press the Mode button on the steering wheel (Ref. 1).

Go to User Settings on the instrument cluster (Ref. 2), choose Driving Assist, and select Forward Collision-Avoidance Assist.



Ref. 1



Ref. 2

HOW IS IT ADJUSTED?

Go to User Settings in the onboard computer (Ref. 2.), choose Driver Assistance and select Forward Safety.



HOW DOES IT WORK?

- 01 To activate, push the button located on the left side of the driver (Ref. 1).
- 02 If the system is activated, the LKA icon appears on the instrument cluster (Ref. 2).
- 03 The forward-looking camera at the front of the vehicle constantly monitors the lane markings and analyses the road ahead. If the vehicle deviates from its lane while the turn signal is not on, the system will alert the driver with a beeping sound, supported by brief haptic pulses from the steering wheel (if equipped).
- 04 A visual indicator on the instrument cluster will show the direction in which the driver is steering out of the lane (Ref. 2).

- 05 If the steering wheel icon appears, the system will control the vehicle's steering to prevent the vehicle from crossing the lane.

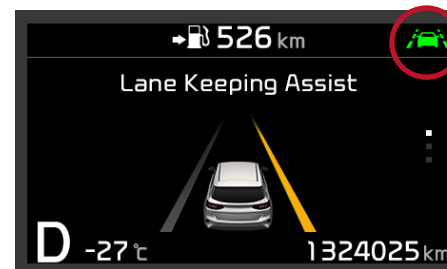
ADVANCED DRIVER ASSISTANCE SYSTEMS

LANE KEEPING ASSIST (LKA)

A camera mounted up on the top of the windscreen constantly monitors the lane markings and analyses the road ahead. If the vehicle involuntarily deviates from its lane, the system will alert the driver and steer the vehicle back into its lane.



Ref. 1



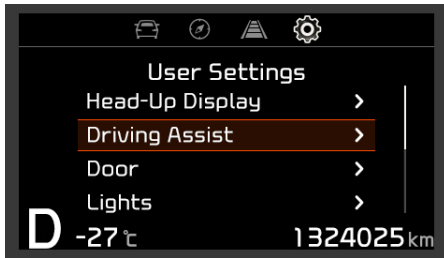
Ref. 2

NOTE:

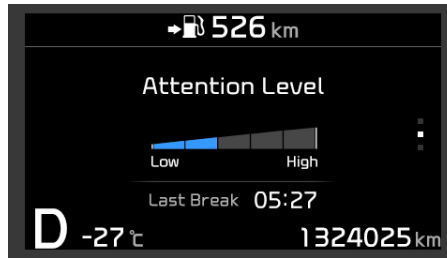
LKA activation: above 60 km/h up to around 180 km/h. When activated, the LKA requires the driver to keep both hands on the steering wheel. The performance of the LKA can be affected by weather conditions (e.g. fog, heavy rain, etc.) and by foreign objects on the camera lens.

DRIVER ATTENTION WARNING (DAW)

The system detects when you lose concentration while driving by monitoring vehicle and driver behaviour. If it's time to take a break, DAW emits an audible alert and displays a warning symbol on the instrument panel.



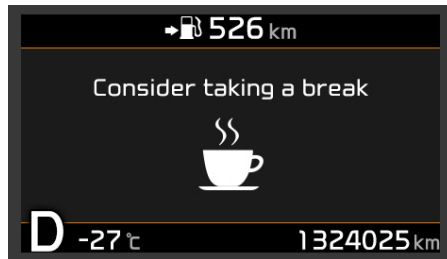
Ref. 1



Ref. 2



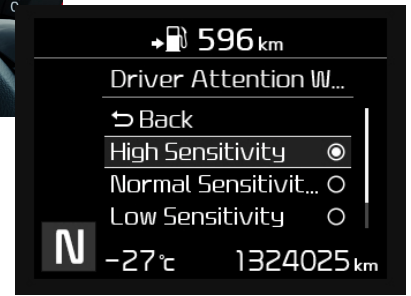
Ref. 3



Ref. 4



Ref. 4



Ref. 5

NOTE

- The Driver Attention Warning system does not suggest the driver to take a break if the total driving time is less than 10 minutes.
- It does not work if the speed is less than 60 km/h or over 180 km/h.

HOW IS IT ACTIVATED?

Select User Settings, choose Driver Assist, and then select Driver attention warning (Ref. 1). The set-up options of DAW will remain the same when the engine is re-started.

The driver can select the Driver Attention Warning system mode:

- **Off:** DAW system is deactivated.
- **Low:** DAW system alerts the driver of his/her fatigue level or inattentive driving practices later than Normal mode.
- **Normal:** Alerts the driver for his/her fatigue level or attentiveness.
- **High:** DAW system alerts the driver of his/her fatigue level or inattentive driving practices faster than Normal mode (Ref. 5).

HOW DOES IT WORK?

- There are 5 levels (1-5) of driver attention. 1 being the least attentive (Ref. 2).
- The number decreases if the driver does not take a break, or vice versa.
- If the driver's attention level is below 1, the "Consider taking a break" message will appear on the instrument cluster with warning sounds to suggest the driver take a break (Refs 3. & 4.).



Driver Attention Warning (DAW)

SMART CRUISE CONTROL WITH STOP & GO

(SCC W/ S&G)



This function allows you to program the vehicle to maintain a distance relative to the vehicle ahead without adjusting the accelerator or brake pedal. The vehicle-to-vehicle distance will automatically activate when the Smart Cruise Control system is ON. Select the appropriate distance according to road conditions and vehicle speed.

The vehicle will maintain the set speed when the lane ahead is clear.

- The vehicle will slow down or speed up to maintain the selected distance when there is a vehicle ahead of you in the lane. (A vehicle will appear in front of your vehicle on the instrument cluster only when there is an actual vehicle in front of you.)
- If the vehicle ahead speeds up, your vehicle will travel at a steady cruising speed after accelerating to the selected speed.



Ref. 1



Ref. 2



Ref. 3

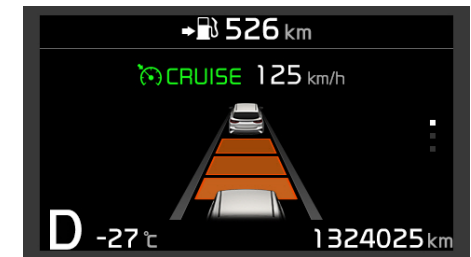
- 01** The Cruise indicator
- 02** Set speed
- 03** Vehicle-to-vehicle

HOW IS IT ACTIVATED?

- 01 Press the Cruise button on the steering wheel (Ref. 1).
- 02 Accelerate to the desired speed.
- 03 "Move the lever down (to SET-) and adjust it with SET + or SET - until your reached the desired speed." (Ref. 2)
- 04 The set speed and vehicle-to-vehicle distance will illuminate on the cluster screen (Ref. 4 – 7).
- 05 To increase or decrease the set speed, simply press RES+ or SET- accordingly.



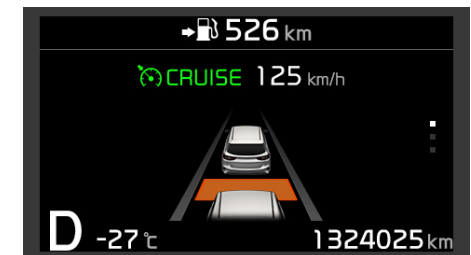
Ref.4, Distance 4 — approximately 52.5 m



Ref.5, Distance 3 — approximately 40 m



Ref.6, Distance 2 — approximately 32.5 m



Ref.7, Distance 1 — approximately 25 m



ADVANCED DRIVER ASSISTANCE SYSTEMS

INTELLIGENT SPEED LIMIT WARNING (ISLW)

The system uses a camera in the windshield to read speed limit and overtaking restriction signs along the road.

Ref. 1



HOW TO ACTIVATE/ DEACTIVATE?

Go to the User Settings in the onboard computer, choosing Driving Assist and select Speed Limit Warning (Ref. 1).

NOTE:

The system displays the relevant traffic sign on the instrument cluster and the Navigation screen.

BLIND SPOT COLLISION WARNING (BCW)

The rear sensors monitor the side and rear of the vehicle, and warn the driver of the approaching vehicle in the blind spot.

HOW IS IT ACTIVATED/ DEACTIVATED?

The BCW button is located on the left side of the steering wheel (Ref. 1).

HOW DOES IT WORK?

- 01 If a vehicle is detected within the range, a warning light will illuminate on the rearview mirror.
- 02 When the turn signal is on and another vehicle is within the BCW range, a warning light will blink on the rearview mirror with an alarm sound.



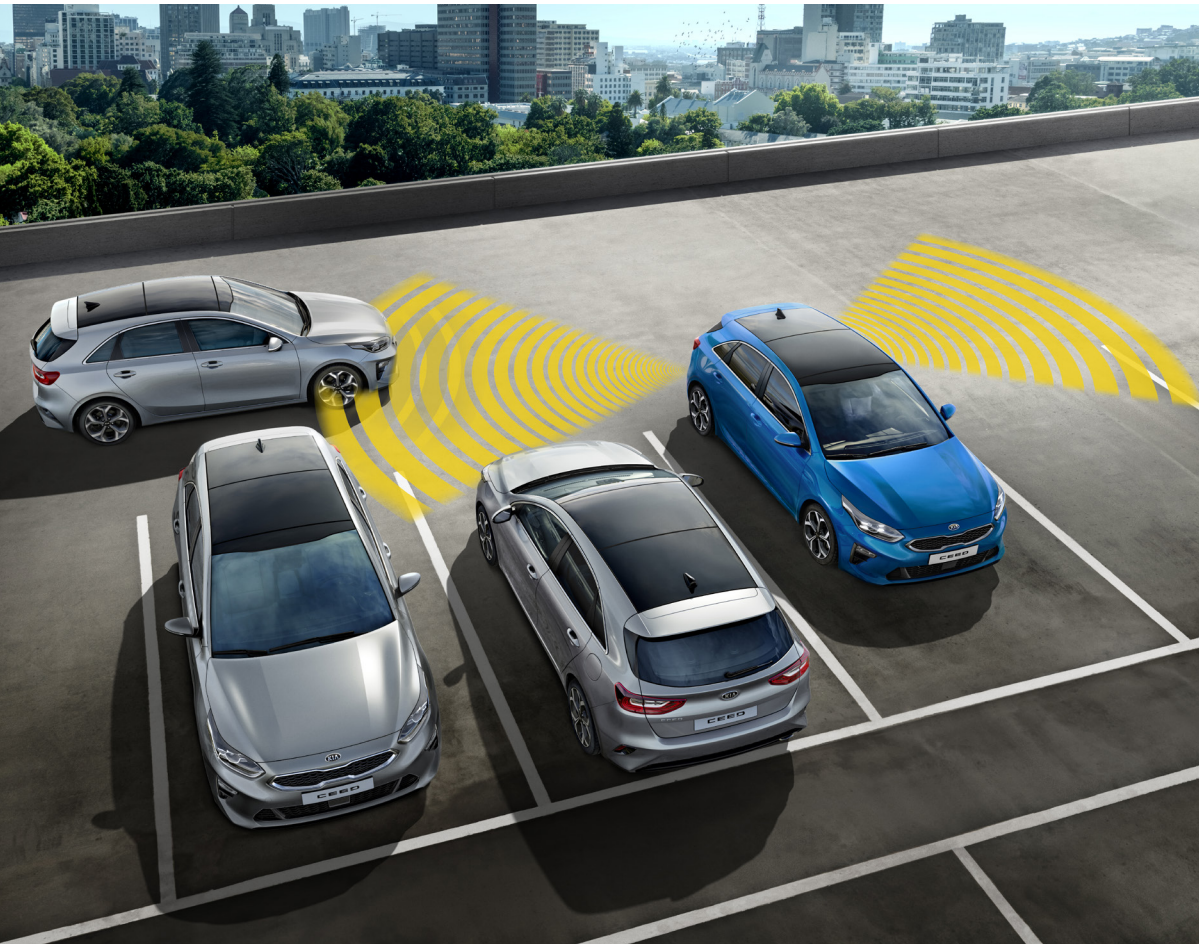
Ref. 1



OPERATING CONDITIONS:

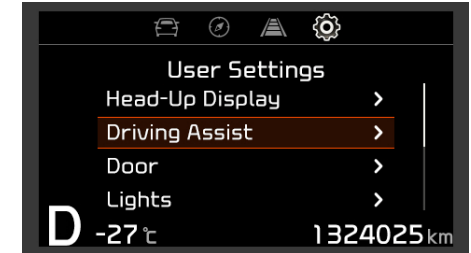
The BCW applies from a minimum speed of 30 km/h.

REAR CROSS-TRAFFIC COLLISION WARNING (RCCW)



HOW DOES IT OPERATE?

While moving backwards, the RCCW warns the driver of approaching vehicles, and thus mitigates the consequences of an impending collision.



Ref. 1



Ref. 2

HOW IS IT ACTIVATED/ DEACTIVATED?

Go to the User Settings in the onboard computer, choose Driving Assist, and select Rear Cross-Traffic Collision Warning (Ref. 1).

HOW DOES IT WORK?

If an approaching vehicle is detected by the sensors, an alert will appear on the instrument cluster, and a warning light will blink on the rearview mirror with an alarm sound. (Ref. 2)



ADVANCED DRIVER ASSISTANCE SYSTEMS

HIGH BEAM ASSIST (HBA)

The system automatically turns on the high beams when the lighting conditions demand it and there is no traffic. The camera in the windscreen detects the headlights of the oncoming vehicles or the backlights of the preceding vehicle, and automatically dips the headlights.

HBA activation: Above 45 km/h.



Ref. 1



Ref. 2

HOW IS IT ACTIVATED?

- 01 Place the light switch in the AUTO position (Ref.1).
- 02 Turn on the high beams by pushing the lever away from you.
- 03 The High Beam Assist indicator will illuminate on the instrument cluster (Ref.2).

NOTE:

The high beams switch to low beams in the below conditions:

- When the headlamps of an oncoming vehicle are detected.
- When the tail lamps of a vehicle in front are detected.
- When the surroundings are bright enough.
- When streetlights are detected.
- When the vehicle speed is below 35 km/h.
- When the headlamps/tail lamp of bicycle/motorcycle are detected.

SMART PARK ASSIST (SPAS)

Using front, side, and rear sensors, the Smart Park Assist supports parallel and perpendicular parking, and automates steering.

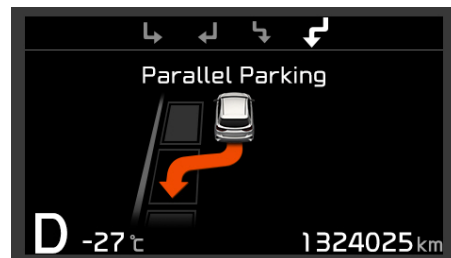


Ref. 3

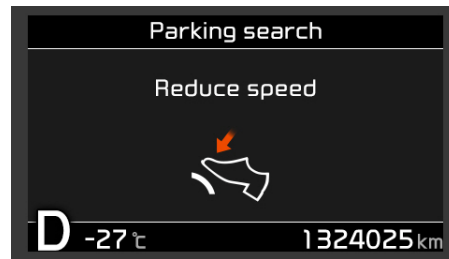
NOTE

Smart Park Assist can also be used to exit parking spaces (Ref. 3). The operation will stay the same as for automated parking.

Ref. 1



Ref. 2



HOW DOES IT WORK?

- Press the Smart Park Assist button on the centre console.
- Pressing multiple times will select between street side, parallel or perpendicular parking (Ref. 1).
- To detect a suitable parking spot the vehicle needs to pass the empty parking spot at a reduced speed (Ref. 2).
- If the car detects a suitable parking spot, it will give a audio/visual signal. With changing to the reverse gear, the system will start to steer automatically. Braking, accelerating and gear changes need to be operated by the driver.
- Smart Park Assist can also be used to exit parking spaces.





**CONVENIENCE
FEATURES**

WIRELESS SMARTPHONE CHARGER

A phone can be charged without the use of a cable simply by placing it on the charging station dock. The system also includes Foreign Object Detection.

HOW DOES IT WORK?

- 01 Remove any foreign object on the smartphone charging pad.
- 02 Place a smartphone equipped with the Qi wireless charging function on the pad.
- 03 The indicator light will change to orange once charging starts.
- 04 Once charging is finished, the light will change to green.

FOREIGN OBJECT DETECTION

The wireless phone charging will automatically stop when the system detects metallic objects on the charging station dock.



HEATED STEERING WHEEL

HOW DOES IT WORK?

- 01 Press the button located on the centre console to warm the steering wheel (Ref. 1).
- 02 The indicator on the button will illuminate and you will be notified on the instrument cluster.

NOTE:

The heated steering wheel will turn off automatically approximately 30 minutes after the heated steering wheel is turned on.



Ref. 1

HEATED/VENTILATED FRONT SEATS + HEATED REAR SEATS

HOW DOES IT WORK?

- 01 Press the outer buttons located on the centre console to ventilate the front seats (01).
- 02 Press the inner buttons of the centre console to heat the front seats (02).
- 03 Press the button on the door switch panel of the rear seats to heat the window seats of this row (03).
- 04 The indicator on the button will illuminate.



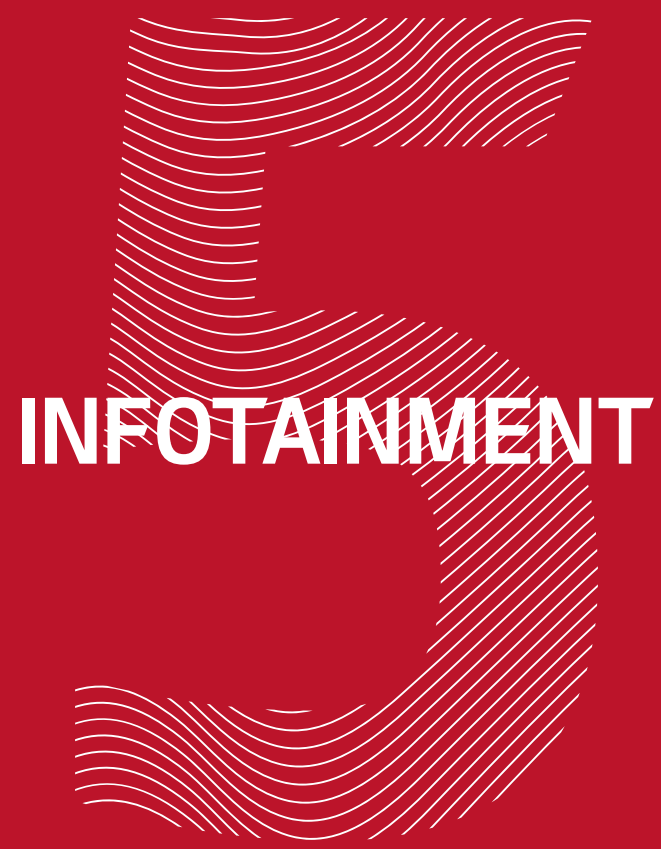
- 01 Ventilated seat button
- 02 Heated seat button



- 03 Rear heated seat button



Heated/Ventilated Front Seats + Heated Rear Seats



INFOTAINMENT

8" TOUCHSCREEN NAVIGATION WITH KIA'S CONNECTED SERVICES

Getting to a destination has never been so easy, thanks to Kia's smart navigation system. Available with eight-inch touchscreen, the navigation system offers reliable route guidance thanks to Kia's connected services, powered by TomTom Live Services.

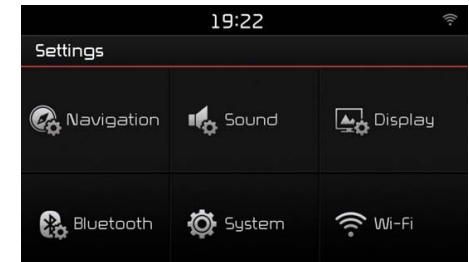


TOMTOM LIVE SERVICES INFOTAINMENT OVERVIEW:

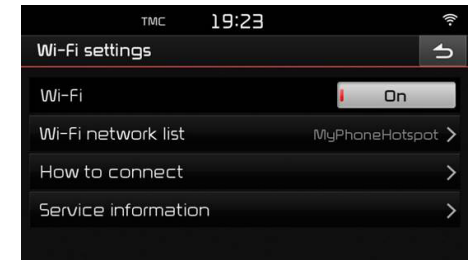
- 01 Live Traffic — real time traffic information allows you to find the fastest route to your destination.
- 02 Speed Camera Alert — a sound alert is provided together with the camera's estimated distance and its type.
- 03 Weather Forecast — up to four days' weather forecast for your current position, destination, and any other locations.
- 04 Local Search — including high-frequency updates and access to the most up-to-date information, covering millions of locations for local and global brands.

HOW IS IT ACTIVATED?

- 01 Create a hotspot in the smartphone settings.
- 02 Press the Settings button on the centre console to access the settings menu.
- 03 On the Navigation screen go to Settings, Wi-Fi and turn on Wi-Fi connection (Ref. 1).
- 04 Go to Wi-Fi Network to choose relevant Wi-Fi connection (Ref. 2).
- 05 Connect navigation with created hotspot (Ref. 3).
- 06 In order to use TomTom LIVE Services, agree to the disclaimer regarding data usage and information sharing (Ref. 4).
- 07 Press the Information button located on the centre console to access the TomTom LIVE Services menu (Ref. 5).



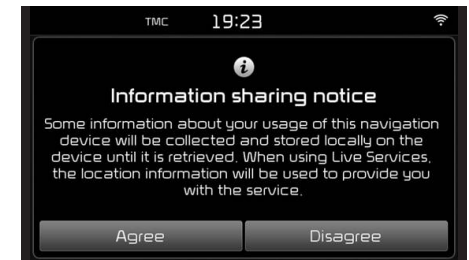
Ref. 1



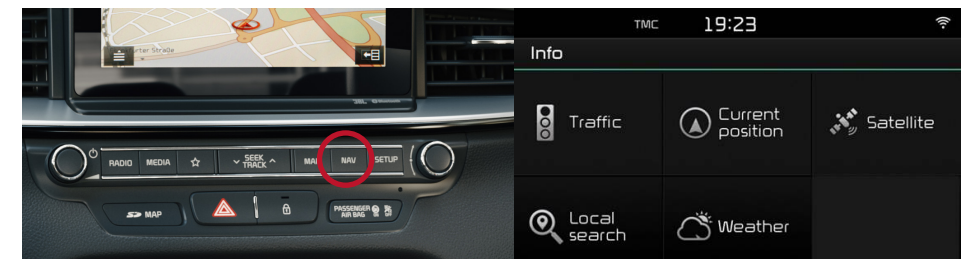
Ref. 2



Ref. 3



Ref. 4



Ref. 5

Ref. 5

REAL LIVE TRAFFIC

When enabled, live traffic information can be seen directly on the map, marked with a signal and colour coded:

- Orange: slow traffic. Red: Stop & Go traffic.
- If a route has been planned and a traffic event occurs while driving, it will be detected and the user will be prompted to make a detour around the incident.
- Other relevant traffic situations can be seen through the Navigation menu (cause, duration, time of delay). These are detected within a range of 100 km around the vehicle.



WEATHER FORECAST

- 01 Weather information for each capital of the countries covered by the services can be seen directly on the map by zooming out.
- 02 In the Navigation menu, up to a four-day weather forecast can be obtained for your current position, destination, and, through the search function, any for any other locations.
- 03 Select a particular day to see the information, including min and max temperatures, and conditions such as cloudy, rainy, the precipitation (mm), percentage of sun, and wind speed and direction.



SPEED CAMERA ALERTS

- Speed cameras are only visible on the map when route guidance is being used. This can be deactivated in the navigation settings.
- The user has the possibility to report a speed camera to TomTom through a button on the map screen. This information is then processed by TomTom and used to update the speed camera database.
- A sound alert is provided together with the camera's estimated distance and its type. Restrictions may apply according to local legislation.



LOCAL SEARCH

- The Point Of Interest (POI) search menu can be accessed by pressing the Information button. Select Live POI on the centre console.
- Choose the search area from given options: Nearby location, Near destination or Near city centre.

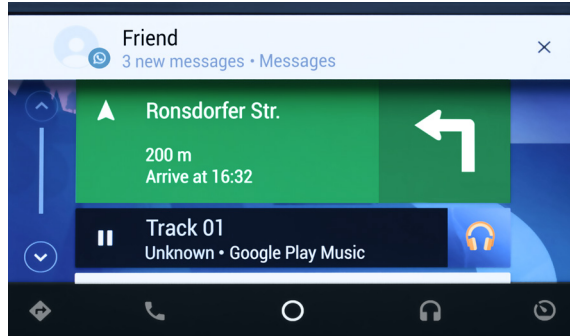


- 01 Enter the name of the place or a key word, using the local or any other language.
- 02 The list of results will then appear with the estimated distance and direction.
- 03 When one location is selected, its position will become visible on the map.

ANDROID AUTO

HOW DOES IT WORK?

- 01 The app must be downloaded from the Play Store.
- 02 The app must be enabled in the Connectivity settings menu in the navigation system.
- 03 Then connect phone and car via the USB port located in front of the gear lever.
- 04 Once the phone is plugged in, it can only be used through the car's navigation screen.
- 05 Once the system recognises a phone is connected, it will update the screen with an AA icon.
- 06 Once the connection is ready, the navigation screen will be replaced with an Android interface.
- 07 A new toolbar will appear on the bottom of the screen featuring major app functions (music, navi, calls, etc.).
- 08 The Kia home screen can be accessed by pressing the right corner button.



NOTICE:

The system can only be set up when the car is stationary and in parking mode. Connecting a phone while driving will only charge the phone. All functions are only possible if your smartphone is covered with an internet data plan.

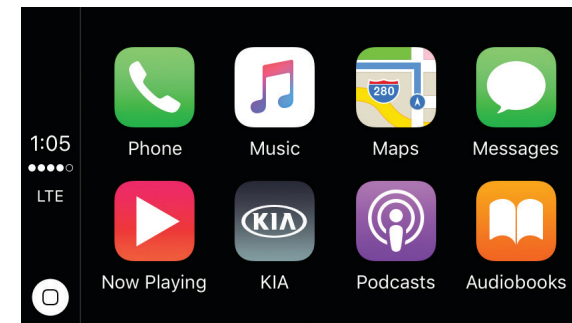
APPLE CARPLAY

HOW DOES IT WORK?

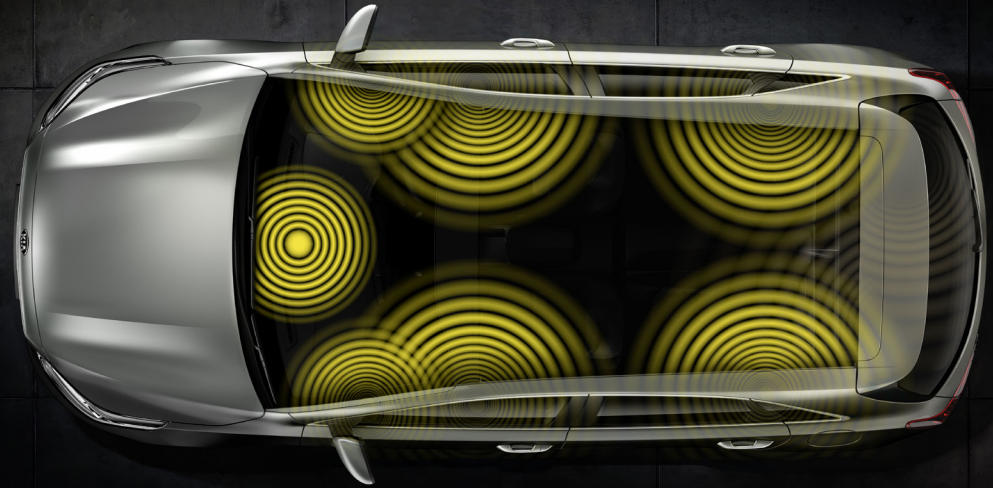
- 01 No app needed! Only iOS 9 or greater.
- 02 Connect phone and car via the USB port located in front of the gear lever.
- 03 Once the phone is plugged in, it can only be used through the car's navigation screen.
- 04 Once the system recognises a phone is connected, it will update the screen with an ACP icon.
- 05 Once the connection is ready, the navigation screen will be replaced with an iOS interface.
- 06 From this interface, the various apps and features of an iPhone may be accessed.
- 07 The Kia home screen can be accessed by pressing the KIA icon on the iOS menu screen.

NOTICE:

The system can only be set up when the car is stationary and in parking mode. Connecting a phone while driving will only charge the phone. All functions can only be use if the phone has a data plan and the network signal is available.



JBL PREMIUM SOUND SYSTEM

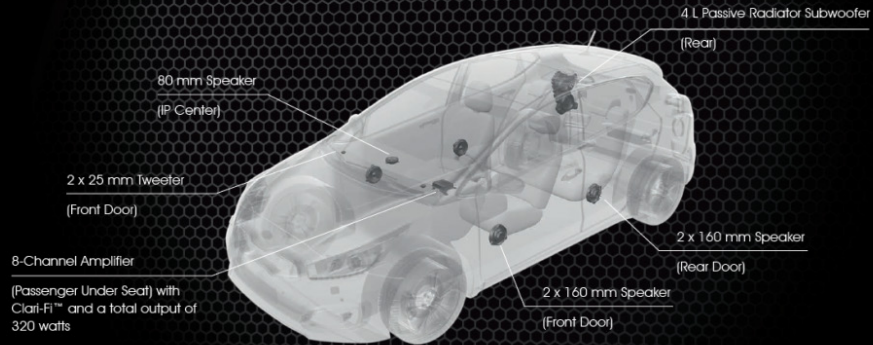


ESCAPE TO A DIFFERENT BEAT

THE JBL PREMIUM SOUND SYSTEM WITH CLARI-FI FOR THE KIA CEED



- HEAR THE TRUTH
- 8 HIGH-PERFORMANCE JBL SPEAKERS
- 320 WATTS AMPLIFIER
- CLARI-FI MUSIC RESTORATION TECHNOLOGY



Model rendering based on Ceed 2017MY.

With eight speakers and 320 watts, the JBL Premium Sound System offers great performance and turns your car into a concert hall.

CLARI-FI TECHNOLOGY:

- Compressing audio files can remove up to 90 percent of the original audio content captured in the studio.
- Clari-Fi automatically analyses and improves the audio quality of all types of compressed digital music sources.
- It transforms the listening experience back to a pre-compression era by restoring lost signals.
- Delivers a rich, uncompromised listening experience from any compressed music source.



