

# THE BEST OF BOTH WORLDS



It's a combination of **Electric** and **Gas** with **No Plug-In.**

**NIRO**



The Power to Surprise



## THE BEST OF BOTH WORLDS

Being responsible has never looked this fun - or been more exciting. The new Kia Niro is a game-changing hybrid crossover that proves you really can have it all. A sustainable, fuel-efficient hybrid, with the style, technology and versatility of a crossover. It's the ultimate choice for those who care about the environment - and care just as much about driving pleasure.

HYBRID UTILITY VEHICLE

**NIRO**

## Advanced High Strength Steel (AHSS) and hot-stamped steel

The new Kia Niro uses more than 53% Advanced High Strength Steel (AHSS), resulting in phenomenal rigidity. And hot-stamping of components is applied to 24 parts in stress areas. These measures greatly improve body strength, enhancing cabin protection and improving dynamic performance.



ADVANCED HIGH  
STRENGTH STEEL



HOT-STAMPED  
COMPONENTS



ADVANCED  
ADHESIVES

## Aluminum body elements (hood / tailgate)

While critical points use more high-strength steel than ever, aluminum is used in the hood and tailgate to help reduce weight by as much as 11 kg for better handling and fuel economy.



# ECO-FRIENDLY DRIVING POWERED BY TWO HEARTS

The Niro employs a parallel hybrid system that switches between gasoline and electric power, or uses a combination of both, and charges the battery whenever it can. The system is seamless and responsive while achieving class-leading efficiency. CO2 emissions are inspiring low at 88 g/km

## Lithium-ion polymer battery

Durable and lightweight, the 1.56 kWh lithium-ion polymer battery safely positioned below the rear seats efficiently controls electrical energy and cools more effectively.



## Regenerative braking system

Kinetic energy produced when decelerating or coming to a stop is captured and turned into electricity. This in turn is used to help recharge the battery.



## New Kappa 1.6 GDi engine

This 1.6 gdi engine generates maximum output of 105 ps at 5,700 rpm and peak torque of 15.0 kg-m at 4,000 rpm – the perfect match for the Niro's hybrid system. All told, the system offers a combined maximum output of 141 ps.



## Permanent magnet electric motor

Providing up to 43.5 ps on its own, the electric motor also assists the gasoline engine in hybrid mode and recharges the battery during deceleration.

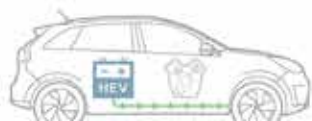


## Newly developed 6-speed DCT

A new 6-speed dCT (dual Clutch Transmission) transfers engine/ motor power efficiently and delivers dynamic drivability with fast shift response and direct feeling.



**Launch (Pure EV)** When starting out from a stop, the hybrid system relies entirely on power from the electric motor. This helps reduce fuel use in stop-and-go traffic.



**Gentle Acceleration (Pure EV)** during mild acceleration, the system uses power exclusively from the electric motor which provides ample pickup to help you increase your speed.



**Full Acceleration** When accelerating harder, the gasoline engine works together with the electric motor to get the Niro up to the desired speed.



**Cruising** When cruising at relatively constant speeds, the system goes into power-assist mode, where the gasoline engine is the main source of drive power



**Deceleration** The system's regenerative braking system captures energy whenever vehicle speed decreases and stores it in the battery for future.



## **HIGH STYLE, A HIGH ROOF AND DEEP COMFORT**

Unusually spacious for a hybrid, with ample head, shoulder and legroom, the Niro interior invites you to stretch out and relax. Surrounded by clean, modern and high-tech design accents, it's easy to feel at home here right from the start.



## 427 l cargo capacity

Even when all the seats are occupied, the Niro can carry an impressive 427 l of cargo. That means you can handle road trips, big shopping days and sporting events, and still have room for family and friends.



## THE RIGHT TECHNOLOGY CAN MAKE EVERY ROAD GREENER

A long drive through nature is even sweeter in a vehicle as eco-friendly as the hybrid Niro, especially in eco drive mode. The Niro's dynamic persona comes out as soon as you select the Sport mode.



### Drive Mode Select (DMS)

With the selector in drive, pull the handle to the left to engage Sport mode and enjoy enhanced shift point and steering settings as well as manual-style shifting. Push the handle to the right for more efficient eco mode operation.

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