

# 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.



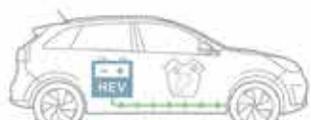
## Permanent magnet electric motor

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.

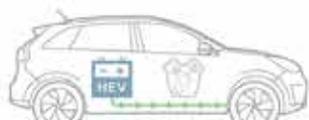


## Newly developed 6-speed DCT

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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