

STYLING



Grand

Carnival

“ **TIGER FACE & SYMPHONIC ARCHITECTURE** “

Confident and futuristic front face consists of seamlessly integrated lamps and grilles



“ **DYNAMIC DNA & CHARACTER EVOLUTION** “

Built on predecessor's heritage, KA4 retains chunky wheel arches, dynamic side bodyline



“ TIME & LINE SIGNATURE “

Wide and distinctive rear image with sleek combination lamps linking its head lamp details



Realization of a luxurious and high-tech interior design by applying advanced design elements and quality materials



- ✓ High-tech feeling and dreamy atmosphere created by diverse slim design elements _ slim vent and seamless and curved display AVN
- ✓ Lighting adjacent makes effect like reflection on the water
- ✓ Futuristic and haptic zone characterized by High and simple center fascia inspired by spaceship

The all-new Grand Carnival features unprecedented comfort & luxuriousness that goes beyond expectations



※ These images are domestic model featured, therefore it may differ from the actual specifications.



Door pull handle



Seatback
Multi pocket



Cup holders
For 2nd row seats



Cup holders
For 3rd row seats

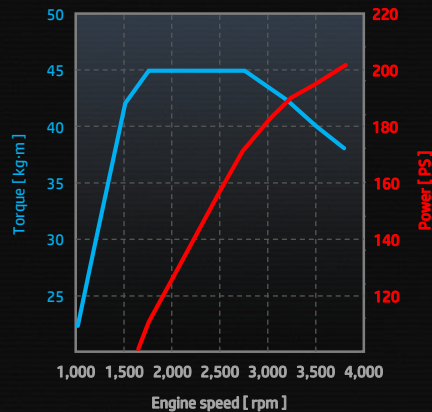


1st row seat side
USB Charging ports



3rd row seats
Side USB charging ports

● D4HⅢ 2.2 VGT (8A/T)



Eco-friendly revised diesel engine features improved fuel efficiency by responding to exhaust regulations (RDE Step2), securing light-weight, and applying new technologies



Max Power (ps)

202

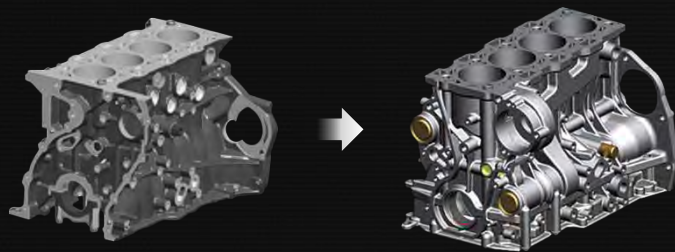


Max Torque (kgf-m)

45

Aluminum engine block

Lighter aluminum engine block for maximum weight-to-performance ratio



Casted iron block

Aluminum block

Fuel economy / Exhaust regulations countermeasure

- Applying 2,200 bar injector (Current : 2,000 bar)
- Improving fuel economy by reduced friction
 - Crank offset, moving friction reduction
 - Needle bearing camshaft, Needle bearing balance shaft
- Compatible with exhaust regulations (RDE STEP2)
 - LNT/DPF+uf_SCR

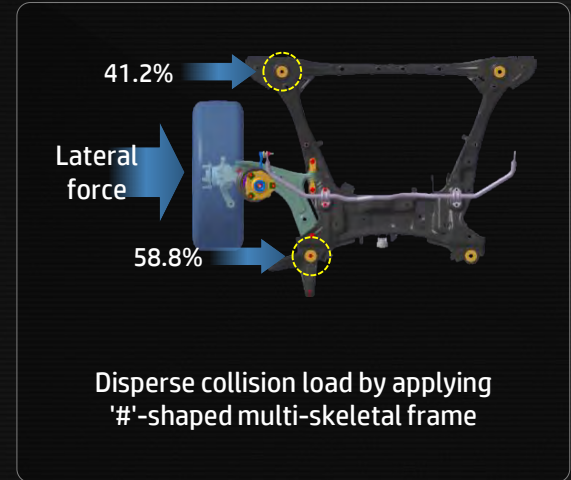
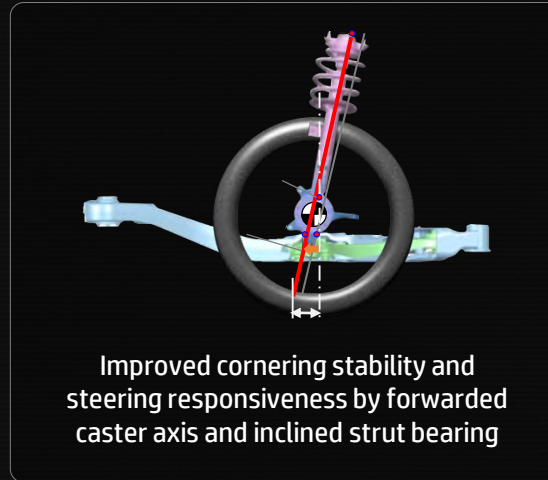
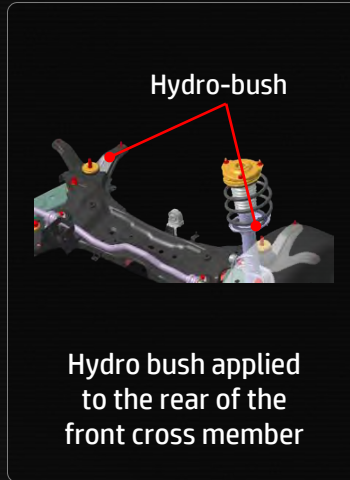
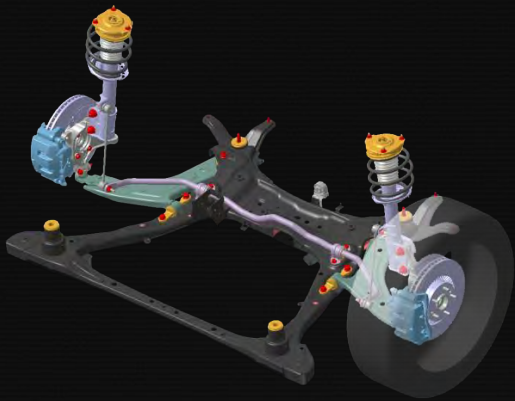
▶ Driving performance

		KA4				
			D4HIII 2.2			
Engine	Max. power (PS/rpm)		202/3800			
	Max. torque (kgfm/rpm)		45.0/1750			
Transmission	N/V Ratio (1 st / Top range)		125.1/16.9			
Test vehicle weight (kg)			2,345			
Max. vehicle speed (kph)			190			
Acceleration (sec.)	0 to100kph		10.7			
	80 to120kph		8.2			

Significantly improved ride comfort and steering stability through the application of the completely new platform

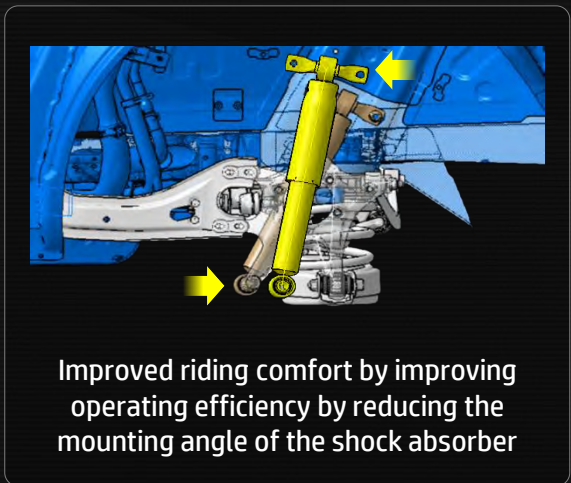
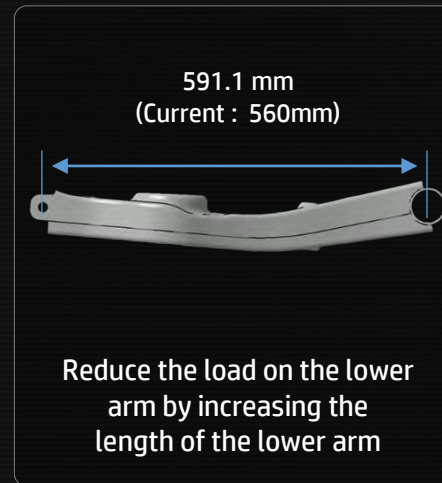
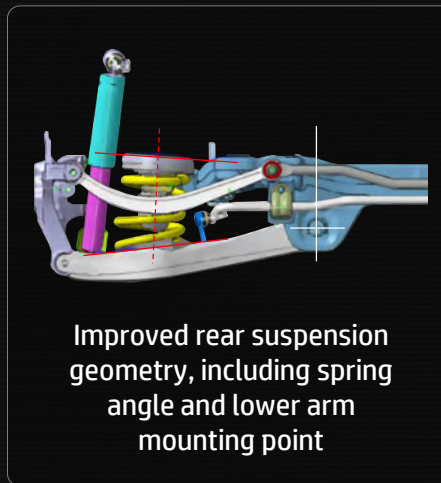
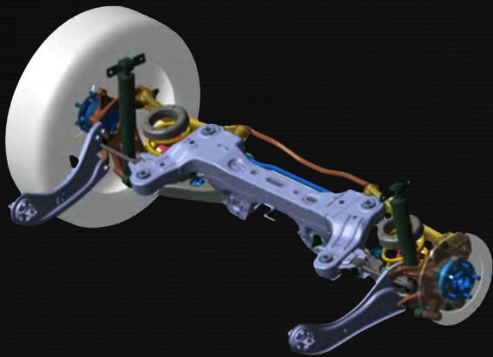
Front Suspension

Securing driving stability by improving suspension geometry compared to current front suspension

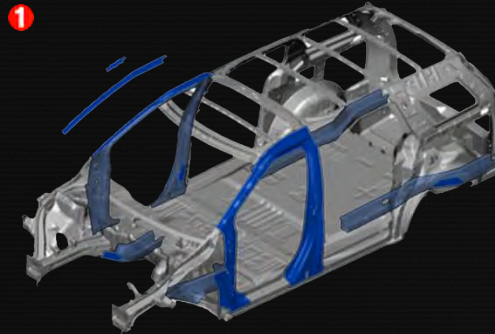
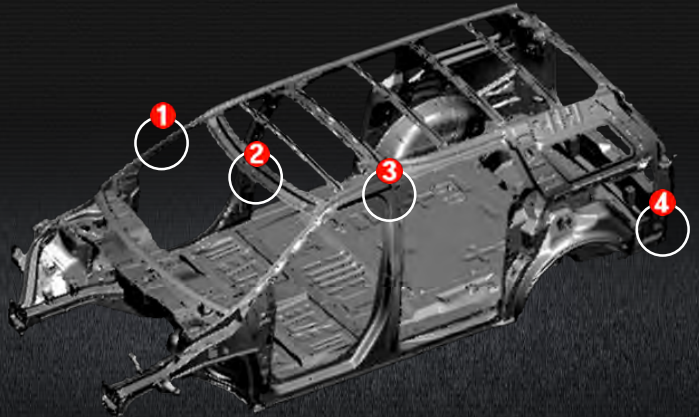


Rear Suspension

Provides improved ride comfort by changing the geometry, such as increasing the length of the lower arm and changing the mounting angle of the shock absorber and spring.

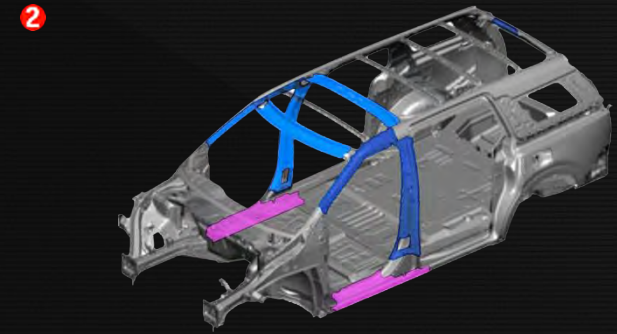


Securing the best level of safety body structure in its class with its high rigidity body structure design



Expanding use of Hot-stamping processed parts

Hot stamping parts (150K class) applied to 14 locations (Current model : 12 locations)



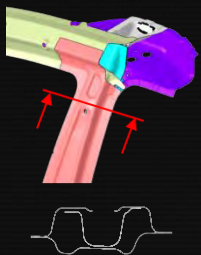
3rd Gen. Steel sheet & Cold rolled steel sheet

3rd Gen. Steel sheet : (80 ~ 120K class)
Ultra-high-strength steel sheet with significantly improved formability compared to conventional steel sheet

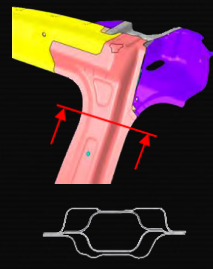
Cold rolled steel sheet (150K class)

3 Strengthening the connection structure of the center pillar

Current

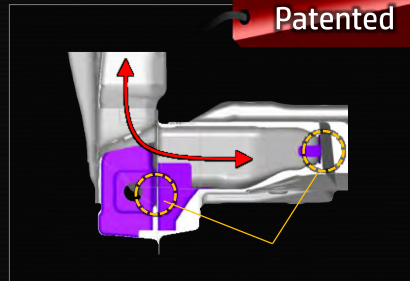


KA4



Upper area :
Double closed section

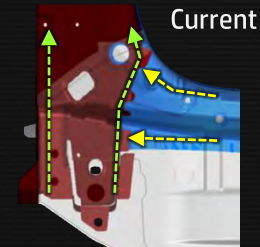
Patented



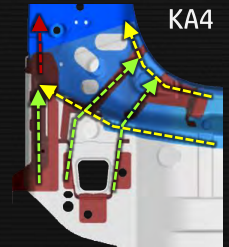
Lower area :
Connectivity improved

4 Strengthening the connection structure of the tailgate opening

Patented



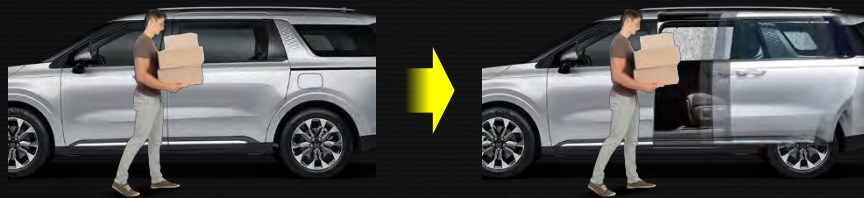
Vertical connection only



Horizontal and vertical connection

Smart Power Sliding Door

WORLD'S 1st



If a user positioned in the detecting area with carrying a smart Key in certain period of time, the hazard warning lights will blink and chime will sound for about 3 seconds and the power sliding door will open automatically.

This feature provides convenience in a situation where it is difficult to operate the smart key over hands full of stuffs.

※ To activate the function, go to User Settings Menu and enable Smart power sliding door on the LCD display.
(Default : Disabled)

Power tailgate Auto-Close

Kia's 1st



Provides convenience by automatically closing the power tailgate when the user wants to leave the vehicle in a situation where it is difficult to operate the smart key over hands full of stuffs.

Operating procedure

When the tailgate is fully opened, if customer approaches to tailgate with a smart key, Power tailgate generates buzzer sound once it detected the smart key for maximum 2 minute.

If customer presses the Auto Close cancel switch (refer to the figure), the automatic closing function stops.

If not, the Power tailgate generates buzzer sound tripple time once the customer leaves the car. and the Power tailgate automatically closes with twice buzzer sounds.



Exterior colors



Snow White Pearl
(SWP)



Silky Silver
(4SS)



Panthera Metal
(P2M)



Aurora Black Pearl
(ABP)



Deep Chroma Blue
(D9B)



Ceramic Silver
(C4S)



Flare Red
(C7R)



Astra Blue
(D2U)

Interior colors

Off black & Gray 2tone



COLOR CODE: GYT

Off black & Saddle 2tone



COLOR CODE: JY2

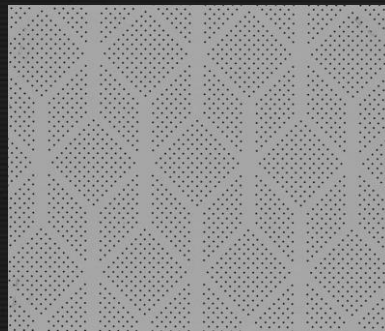
Off black & Martian Brown 2tone



COLOR CODE: BM1



TRICOT
– Apply Heat Embo Pattern

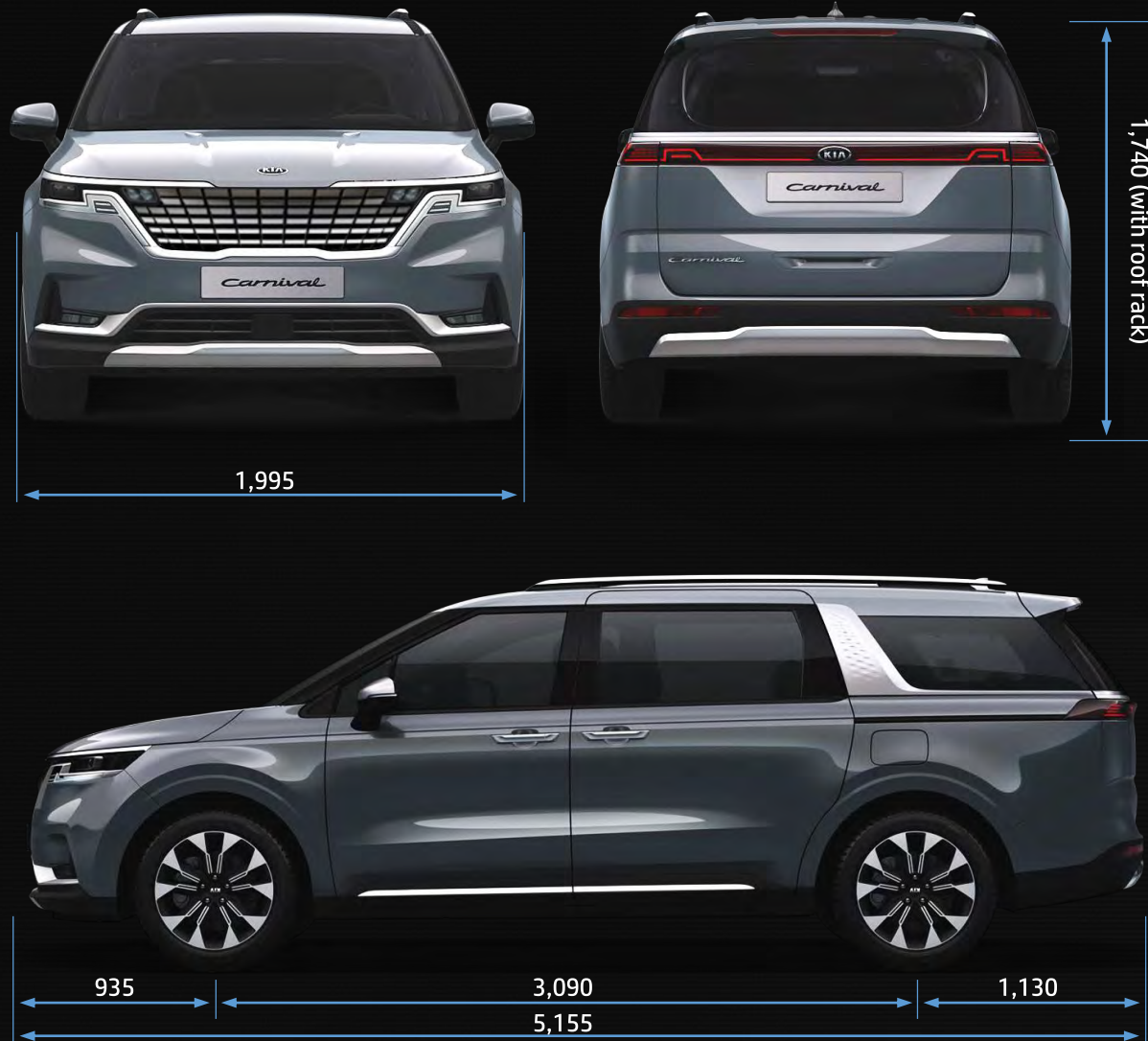


A/LEATHER
– New Hexagon Punching Design



LEATHER
– Apply SLUCH PUNCHING

Dimensions



Dimensions (mm)

Overall length	5,155
Overall width	1,995
Overall height	1,745 (w/ roof rack)
Wheelbase	3,090
Overhang (front/rear)	935/1,130
Leg room (1 st /2 nd /3 rd)	1,108/1,029/903
Head room (1 st /2 nd /3 rd)	1,010/1,000/951
Shoulder room (1 st /2 nd /3 rd)	1,622/1,602/1,508

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