All-new Kia

stinger

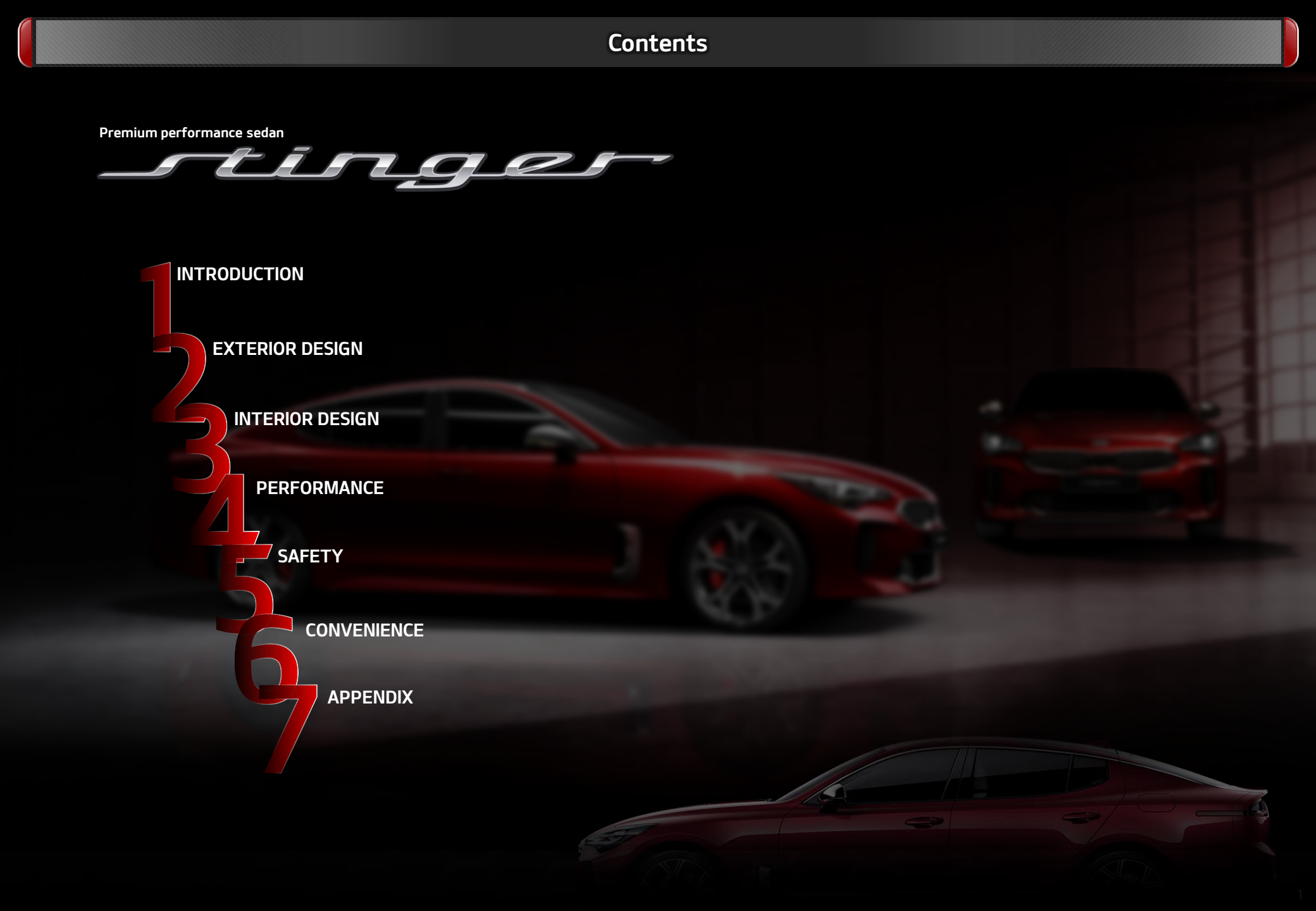
PRODUCT GUIDE

The Power to Surprise

Contents

Premium performance sedan

stinger



Product Overview

Kia Stinger is all about the journey. It's about passion.

STYLE

Derived from the well-recognized GT concept, Stinger is designed to be a true gran turisumo with RWD proportions, long hood, short front overhang, extended wheelbase and spacious cabin as well.

PERFORMANCE

Two turbo charged gasoline and one diesel engines are available. Also, LHD vehicles have optional all-time AWD system. RWD system offers optional limited-slip differential for more grip.

FEATURES

Offering luxurious amenities become part of Kia's DNA and the Stinger continues that tradition. Multiple Advanced Driver Assistance Systems seamlessly work together to enhance the driving experience.

Exterior Design Concept

Brought to life at Kia's Frankfurt design studio, the birthplace of GT concept

STYLING KEYWORDS

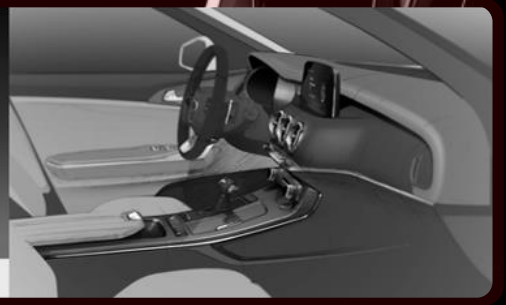
- Long bonnet
- Short front overhang
- Extended wheelbase
- Long rear overhang
- broad shoulders

Interior Design Concept

Airplane cockpit / Space cabin -inspired interior design conveying a modern and dynamic performance feel

STYLING KEYWORDS

- High dashboard
- Low-slung cabin
- Circular air vents
- Modern key colors
- High-quality finishes
- Floating navigation screen



Media Response

Debuted in Detroit motor show, Kia's first sports sedan turns many heads

2017 EyesOn Design Award

Production Car Design Excellence

Kia was awarded a top honor by EyesOn Design Awards, the officially sanctioned awards for NAIAS. Stinger was recognized for design excellence in the production car category. This award honors the best concept and production vehicles who made their debut at the 2017 NAIAS.

Motor Trend

Edward Loh, Editor-in-Chief

"Stinger is a catchy name for such a remarkable marriage of vehicular design and packaging. Kudos to Peter Schreyer and Gregory Guillaume for massaging such a slinky, sexy shape out of their sedan platform."

TopGear

"It's finally here! Kia's long-awaited performance four-door is now a reality"
- topgear.com

"It took them long enough, but the Stinger looks absolutely kick-ass"
- Top Gear Philippines

EXTERIOR DESIGN

Disarming confidence with commanding presence

The exterior, with its fastback silhouette and sleek rear-wheel-drive proportions, exudes disarming confidence. Longer and wider than the BMW 4 Gran Coupe, with a longer wheelbase than the Lexus GS, it delivers elegance and athleticism. From the back, four oval exhaust pipes show and tell a commanding presence even during departure.

Front Styling

True wide stance of an authentic GT-styled sedan combined with high-tech details and dynamic sculpture

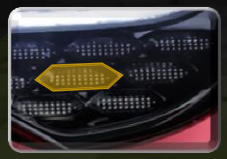
The aesthetic value of Stinger has already been recognized worldwide. Stinger has been honored with an EyesOn Design award for Production Car Design Excellence at the North American International Auto Show(NAIAS) in Detroit.

Radiator grille

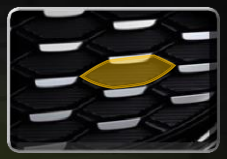
The sporty style of this Kia's signature radiator grille is accentuated with the honeycomb-shaped, satin-chrome, hot-stamped patterns added onto high-gloss black base for ensuring exterior premium look.

Front Styling Details

Honeycomb pattern styling theme



Headlamp



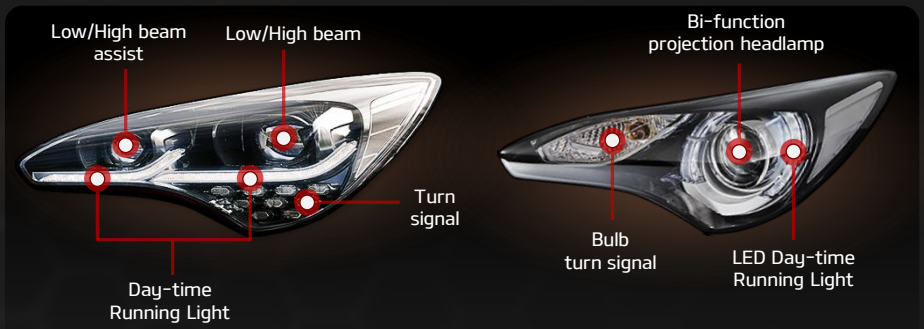
Radiator grille

Intake grille

Honeycomb-themed design motif is coherently applied to various design elements. The iconic honeycomb pattern is applied to the LED inside the turn signal, the radiator grille and the air intake grille.

Full LED & projection headlamps

High-tech details expressed in crystal LED turn signal, linear DRL shape and projection-type LED headlamp



Full LED headlamp **Projection headlamp**

※ The specific design of Stinger's headlamp is subject to change due to regulations of each market region.

Exterior details

Island-hood parting line

Hood parting line with simple curvature and volumetric hood surface are in harmony to enhance the premium look and sportiness.

Front bumper

Air curtain-integrated front bumper with air intake grille in black high-gloss and satin-chrome material for high-tech premium look

Hood garnish

The high-quality black high-gloss and satin-chrome finish of the hood garnish maximizes the image of a Grand Touring car from all-new Stinger.

Side Styling

The Stinger's stance and visual balance are designed to lend the car an air of elegance and athleticism

Extended wheelbase ensuring top-of-the-line interior space

The Stinger has the wheelbase that outcompetes other contenders in the market, and that extended wheelbase allows for ample in-cabin space giving the passengers more freedom in their journey.

Side Styling Details

Long hood and short overhang

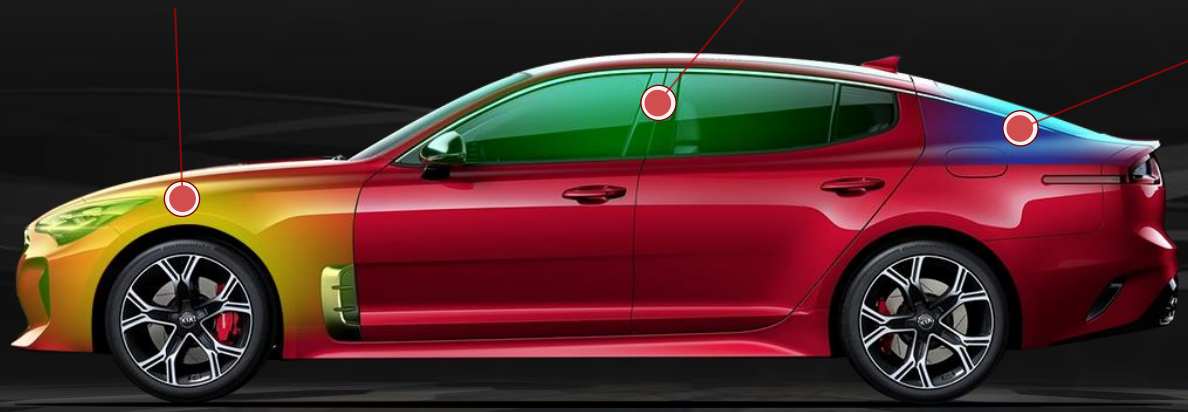
With the long/low hood and short overhang, Stinger has got the very key to its road presence: the rear-wheel-drive proportions.

Low-slung passenger cabin

The low, slim sculpture of the cabin is designed to offer more sportiness to the already-athletic balance of the stance.

Fastback profile

The Stinger's roofline is fastback-styled. It continuously slopes down towards the rear, giving it more visually pleasing silhouette.



Alloy wheel options

17" Alloy	18" Alloy		19" Alloy	
225/50R17 (machine-finished dark grey)	225/45R18 (Light-metal silver)	225/45R18 (machine-finished dark grey)	225/40R19(front) 255/35R19(rear) (machine-finished dark grey)	225/40R19(front) 255/35R19(rear) (machine-finished dark grey)

Exterior details

Aero fender garnish

On the side, the visually stunning aero fender garnish runs along the front fender and the door, giving out the image of a high-performance vehicle.

Brembo® brake caliper

The standard heart-pounding red brake caliper with multi pistons(front: 4, rear:2) from Brembo® makes the Stinger look even more athletic even at rest.

Dark-chrome finishes

The moldings on the side-view mirror and around the DayLight Opening(DLO) are finished with dark-chrome material to make more modern image.

Rear Styling

From the back, four oval exhaust pipes show and tell a commanding presence even during departure.

Iconic 'extended' shape of taillamp from GT concept

From the back, instantly recognizable as a direct evolution of the GT co-ncept is the extended reflector strip.

Rear fender with volumetric surface

Adding to the powerful haunches, the all-new Stinger's volumetric rear fender maximizes its muscular confidence when seen from the rear.

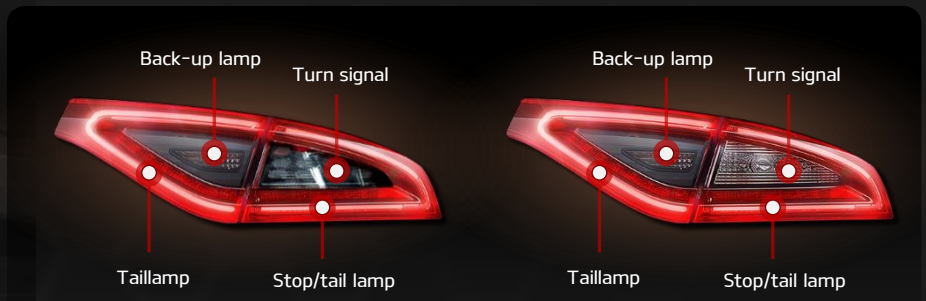
Rear Styling Details

Horizontal layout of the rear design elements

The design elements including taillamp ganish, tailgate lid or diffuser are styled in visually horizontal layout, which is contrast to the voluminous, strong fenders, further reinforcing the overall stable and sporty stance.

Full LED & projection headlamps

Stinger's rear combination lamp has an unique design achieved by its connected shape. Both rear lamps are connected to each other via a horizontal garnish, which reinforces the visual balance of the car.



※ The specific design of Stinger's headlamp is subject to change due to regulations of each market region.

Exterior styling details

Quad oval exhaust pipes

From the back, Stinger is applied with four oval exhaust pipes to show and tell a commanding presence even during departure.

Air vent-looking garnish

Next to the rear diffuser and quad exhaust pipes exists an air vent garnish to add more athleticism to the overall style.

Aggressive rear fender's volume

The bulging fenders above the rear wheel arches of Stinger gracefully contribute to the unmistakable sportiness that thrills the enthusiasts.

INTERIOR DESIGN

Sleek and sophisticated cabin space

Intimate yet expansive. Minimal yet luxurious. The cocoon-like interior features aircraft-style spoked vents, metal-ringed gauges, and satin chrome trim. Available ultra-soft Nappa leather covers the deeply contoured seats, and the driver's seat has available adjustable aircell bolsters for outstanding comfort.

Driver Space

Powerful dose of dynamics and pure emotion continue inside.

Driver Space

Key character in styling Stinger's interior

When designing the interior of Stinger, the designers integrated the objects belonged to aircrafts. The primary cues were their wings and the turbine of a jet engine.

① Turbine-shaped circular triple air vents

② Aircraft's wing-shaped dashboard

Interior styling details

Steering wheel

The GT and GT-line steering wheel is a "D-cut" type for sportier image.

Garnish-integrated AVN switches

The AVN switches are embedded within the chrome, horizontal garnish for wide image.

Premium door trim

The sporty grip handle and premium metallic finish on the speakers add to the quality.

Center console

The transmission lever resembles aircraft's landing gear, which exudes image of a high performance car.
(picture shown: Shift-By-Wire)

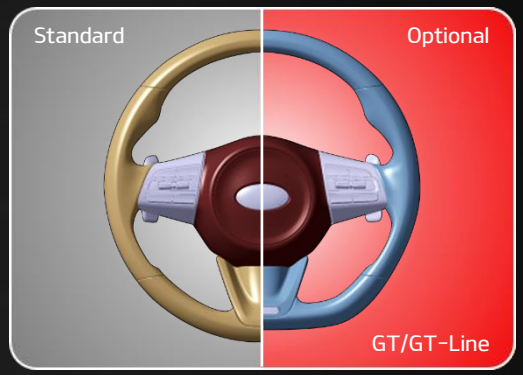
Supervision clusters

The 7″ TFT LCD landscape cluster display nestled between the cluster gauges displays vehicle and driving information with outstanding visibility. Includes multi-language support.

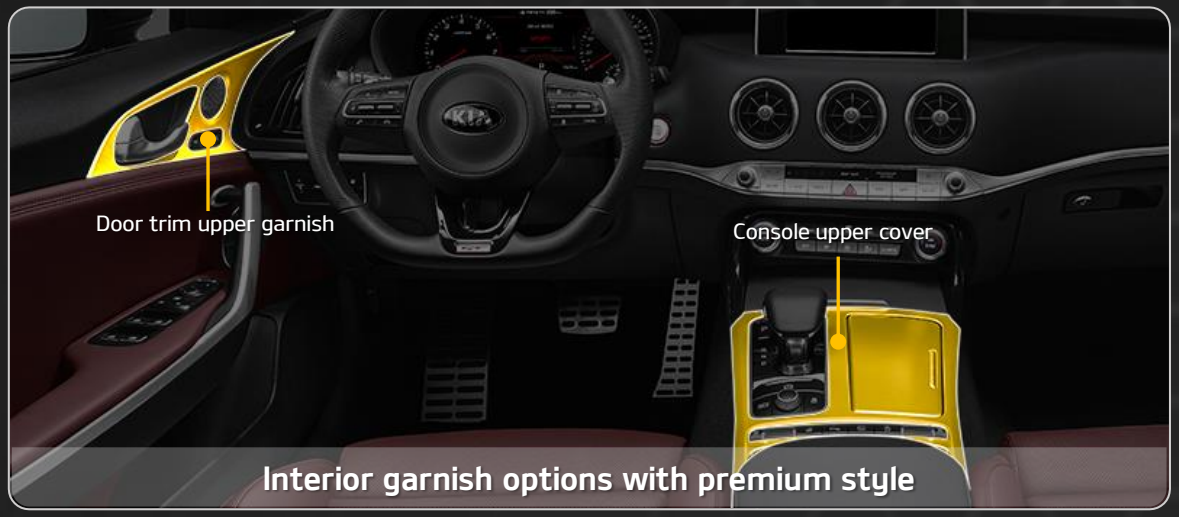
The 3.5″ monochrome TFT LCD with 4:3 screen ratio displays a variety of driving Information such as total mileage, outside temperature, average speed, distance traveled, etc.

Two types of steering wheel

Standard: round shaped
Optional: D-cut & perforated

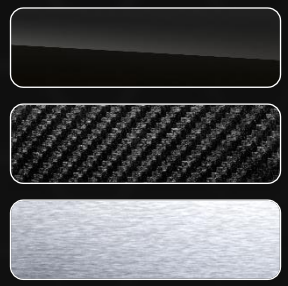


※ Heated steering wheel is optional



Interior garnish options with premium style

Three types of interior materials can be chosen onto the upper garnish of the door trim and the upper cover of the center console: black high gloss, carbon fiber or metallic hair-line finish.



Black high gloss (hydrographic)

Carbon fiber (film insert)

Aluminum (real aluminum + film insert)

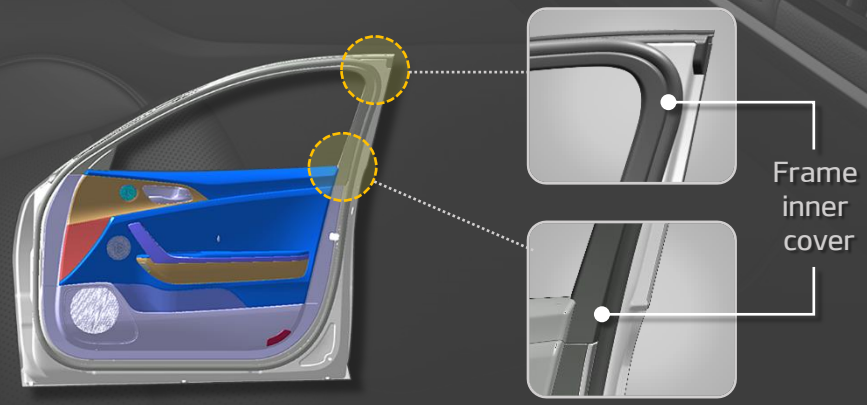
**Infused with elegant design and premium materials,
every detail of the Stinger will offer the top-notch emotional satisfaction.**

Stitch finish on dashboard

Standard: in-mold stitch
Optional: real stitch

Aesthetically improved appearance of panel door

The door's inner panel and the frame are integrated into a single panel door assembly and, additionally, a frame inner cover is applied to conceal the welded line, enhancing the whole aesthetic value of the inner door to a great extent.

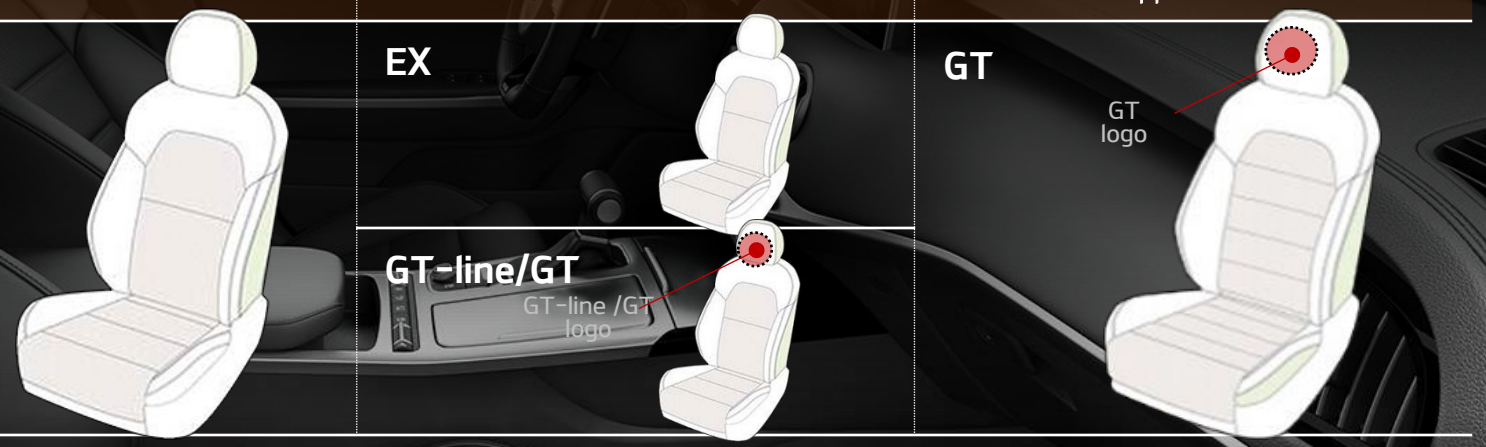


※ The image of the interior provided in this page is intended for informational purposes only and detailed specifications are subject to change without notice to improve.

Seats

Available ultra-soft Nappa leather covers the deeply contoured seats

	Artificial leather	Natural leather	Nappa leather
Design	EX	EX	GT
		GT-line/GT	



Power adjustable driver's and passenger's seat

1. Driver's thigh extension
2. Seat sliding
3. Height adjustment
4. Seat-back reclining
5. Side-bolster adjustment
6. Lumbar support

All-new Stinger's driver's and passenger's seats offer subtle adjustments in multiple directions to provide maximum seating comfort.

	Standard	Optional		
Driver	8-way power driver seat	4-way mechanical lumbar support	Thigh extension	4-way aircell lumbar & bolster adjuster
Passenger	6-way manual passenger seat	8-way power passenger seat	4-way mechanical lumbar support	
headrest	4-way headrest			

※ The image of the interior provided in this page is intended for informational purposes only and detailed specifications are subject to change without notice to improve.

Seats

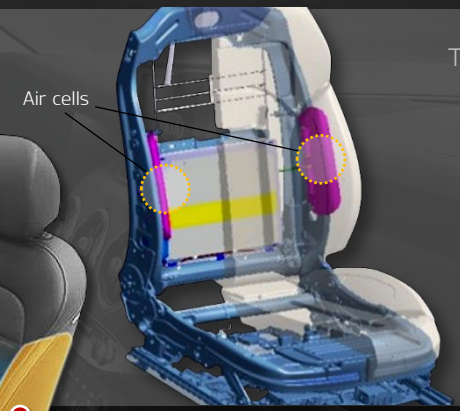
A perfect blend of athleticism and maximum passenger comfort

List of improvements

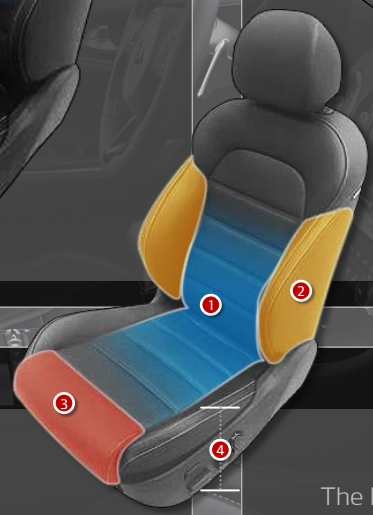
① Cooling air

The seat's cooling performance has been improved by 5%, while the noise and vibration from its operation reduced by 14%.

② Seat adjustment

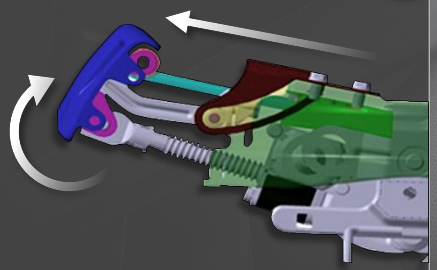


The seat's back bolster supports both sides of passenger's back. Stinger's seats are equipped with adjustable bolster system that is controlled by pressure inside the air cells.



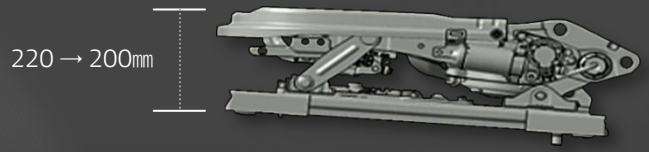
③ Cushion extender

Previously, the cushion extension were operated in two separate mechanisms: sliding and rotating.
Stinger's cushion extender can carry out the two operations in a single step thanks to its optimized mechanism structure.



④ Seating position

The height of the seat frame has been lowered by for easier sitting.



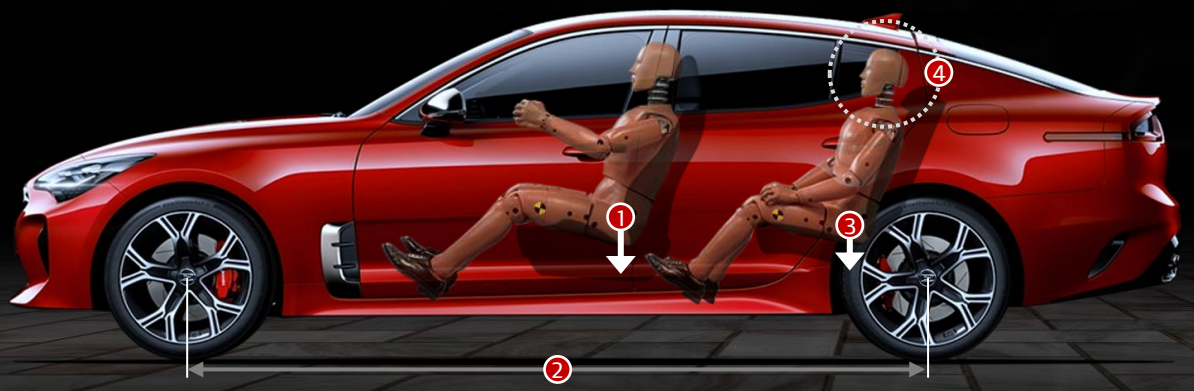
Package

Wide stance with a longer wheelbase than the major competitors in the market

Item	stinger	Δ	BMW 4 Series	BMW 3 Series	Audi A4	Benz C-class
① OAL	4,830	+192	4,683	4,633	4,726	4,700
② OAW	1,870	+45	1,811	1,811	1,842	1,810
③ OAH	1,400	+11	1,389	1,429	1,472	1,455
④ Wheelbase	2,905	+95	2,810	2,820	2,820	2,840

Package

Longer wheelbase and lowered hip point lead to spacious cabin with ample headroom



Sportier driving position

The hip point(1) of front seat has been lowered for more stable and sportier driving position of the driver.

More spacious cabin

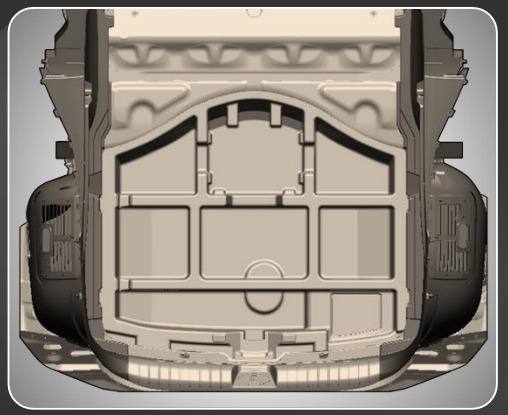
- Extended wheelbase(2) adds more space in both front- and rear-seat passengers.
- Lowered hip point(3) and optimized angle of roof(4) give more headroom to rear-seat passengers.

Item		stinger	Δ	BMW 4 GC
Headroom	1st row	974	-7	981
	2nd row	939	+21	918
Legroom	1st row	1,083	-1	1,084
	2nd row	925	+67	858
Shoulder room	1st row	1,433	+41	1,392
	2nd row	1,391	+15	1,376

Item		stinger	Δ	BMW 4 GC
Trunk volume	VDA (ℓ)	406	+10	396
	Golf bag/ Boston bag	2 / 4	-	2 / 4
Trunk length (㎜)		1,055	+91	964
Trunk width (㎜)		966	+72	894

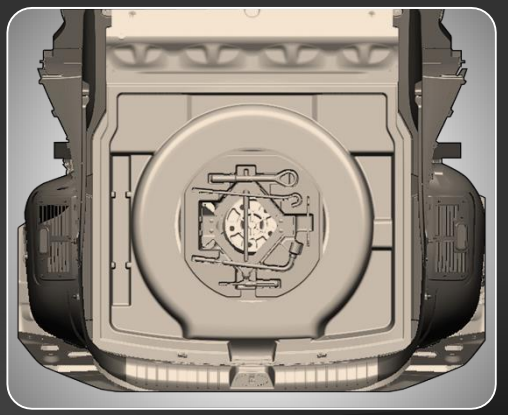
Luggage Space Accessories

Luggage tray & spare tire kit



Luggage tray

Luggage tray for storing small objects is installed under the cargo floor. Tire repair kit is included. Replaces spare tire.



Spare tire kit

Spare tire is stored under the cargo floor along with the tools necessary for replacing the flat tire.

Luggage net

An elasticized luggage net keeps luggage and other items like shoes or balls from moving around in the cargo space.

PERFORMANCE

Pounding hearts under the hood that push to the next level

If the chassis symbolizes the bones of a gran turismo, then surely the available powertrains represent its heart. Oriented longitudinally and set rearward beneath the long, sculpted hood, a choice of two turbocharged engines are available.

Stinger comes with all-turbo engines delivering the ultimate driving pleasure

Theta II 2.0 T-GDI

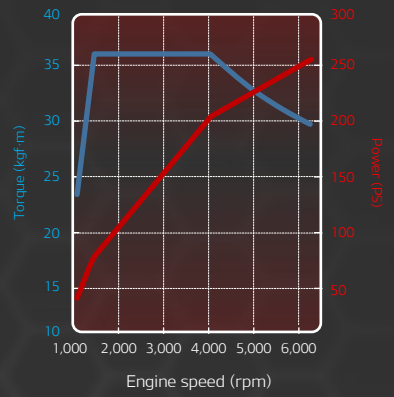
2.0-liter twin-scroll turbocharger with enhanced combustion efficiency

Engine specs

Max. power
255 PS/6,200rpm

Max. torque
36.0 kgf·m/1,400 – 4,000 rpm

0 ~ 100 km/h
6.0 sec



Important features

- Turbocharger with improved efficiency at low-to-mid speed range
- Intake E-CVVT
- Intake manifold with *VCM
- 2-stage *BSM
- Electronic thermostat
- Exhaust gas temperature-reducing head

※ Variable Charge Motion / Balance Shaft Module

Lambda 3.3 T-GDI

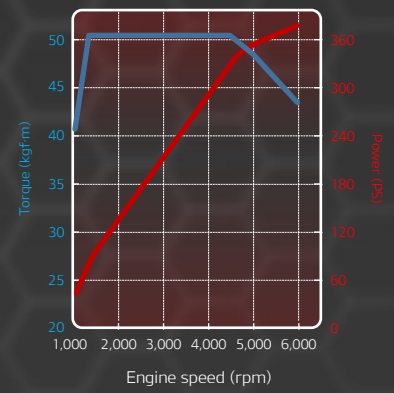
V6 twin-turbocharged for further enhanced performance credentials

Engine specs

Max. power
370 PS/6,000rpm

Max. torque
52.0 kgf·m/1,300 – 4,500 rpm

0 ~ 100 km/h
4.9 sec



Important features

- D-CVVT
- Twin turbo charger
- Engine head with integrated exhaust
- Electronic thermostat

0-100 km/h is under HKMC test result.

2nd-generation 8-speed RWD transmission for smooth gear shifts and maximized fuel efficiency

Diesel R2.2

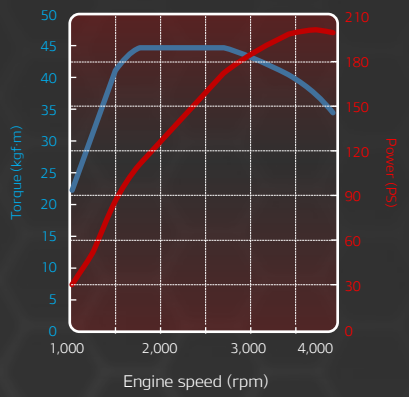
2.2-liter turbocharger with enhanced combustion efficiency

Engine specs

Max. power
200 PS/3,800rpm

Max. torque
45.0 kgf·m/1,750 – 2,750 rpm

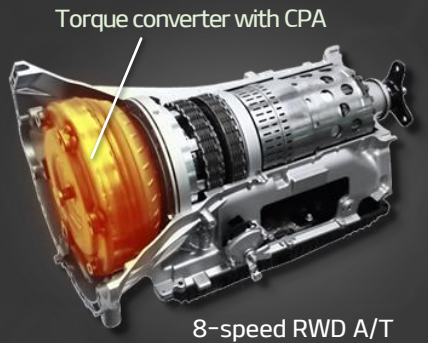
0 ~ 100 km/h
7.6 sec



Important features

- Exhaust Integral Turbocharger
- Intake Throttle LP-EGR System
- Variable Oil Pump
- LNT + DPF Emission System
- Oil-cooled pistons with optimized bowls

2nd-generation 8-speed RWD automatic transmission



※ CPA is installed in 2.0 turbo and R2.2 only.

First offered in the K900 luxury sedan, the 8-speed transmission has been upgraded to the 2nd generation for all-new Stinger. Its gearbox has been designed in-house and rewards drivers with smooth shifts and maximized fuel efficiency.

Kia's first use of a Centrifugal Pendulum Absorber (CPA)

Centrifugal Pendulum Absorber reduces torsional vibration through drivetrain. Usually found in aviation- and racing-engine application

Paddle shift levers Standard on all trims

5-Drive Mode Select

※ Europe model

※ Other market regions

System that supports multiple drive modes according to driver's preferences. Controls engine, transmission, suspension and even steering to provide unparalleled handling and ride.

SMART	Automatic adjustment mode
ECO	Fuel-saving mode
COMFORT	Default base mode
SPORT	Dynamic performance mode
SPORT+	Dynamic driving with restricted stabilization
CUSTOM	Customizable mode

Custom mode settings

Chassis system select	Suspension*	COMFORT / SPORT
	Steering	COMFORT / SPORT
Powertrain Select	AWD	ECO / COMFORT / SPORT
	Engine/TM	ECO / COMFORT / SPORT
Engine sound		REDUCED/STANDARD/REINFORCED

Each individual chassis and powertrain settings can be customized from the User Setting Menu on the cluster display.

*available with ECS (Electronic Controlled Suspension)

Launch Control

Launch control is a system that provides electric aid to drivers in accelerating rapidly from a standing start. With this function activated, Stinger can reach 100km/h in 4.9 seconds (in 3.3 turbo engine).

How to operate

Step 1

SPORT Sports mode

+

ESC OFF by hitting ESC button twice
(hold ESC button for over 3 seconds on 2nd time)

Sports mode + ESC OFF (twice)

Step 2

Full step on brake and accelerator

Step 3

Brake OFF

Brake Off (within 4 sec after step 2)

Launch!

The most rapid acceleration ensured with minimal wheel-slip and optimal torque control

Shift-By-Wire (SBW) vs. Shift-By-Cable (SBC)

▶ Shift-By-Wire transmission control

Shift-By-Wire engages or changes the transmission modes through electronic controls without any mechanical linkage between the gear-shifting lever and the transmission, allowing for more convenient and safer way to change gears. It makes less noise during operation, as well, compared to the traditional mechanical transmission control.

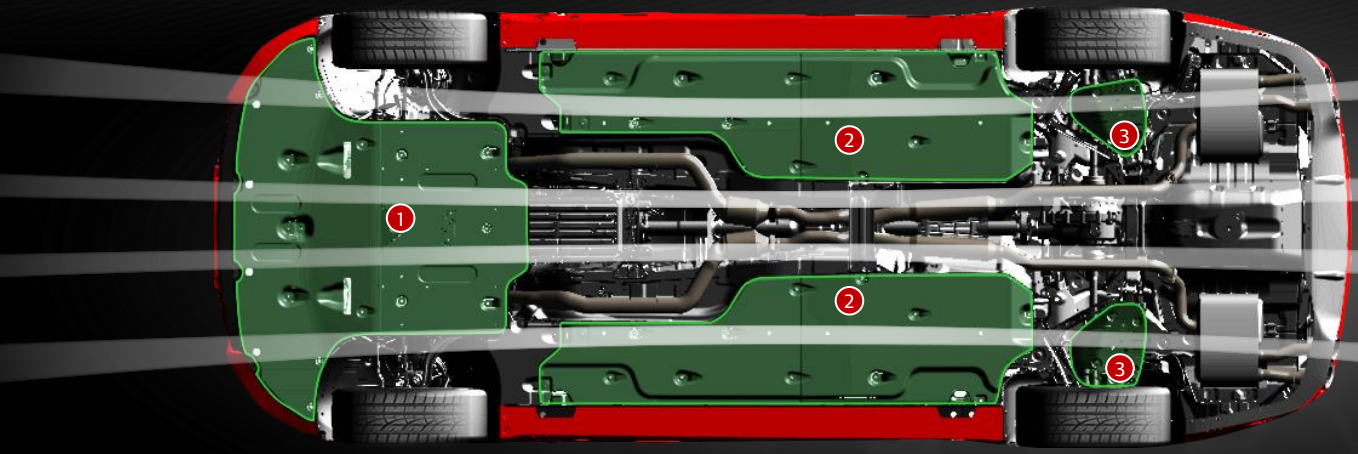
Buttons layout

So, what's good about SBW as opposed to the traditional SBC?

1. **CONVENIENCE**
   It provides effortless shifting through pressing of a button.
2. **SAFETY**
   If engine gets turned off on D/R/M modes, the P mode is automatically engaged.
3. **N.V.H.**
   Without transmission cable involved, it makes no shifting vibration and noise.
4. **Space saved**
   The space for housing the mechanical linkage between the shifter and the transmission can be saved for other useful purposes.

Aerodynamic Performance

Enjoy the full potential of Stinger's aerodynamic style and driving dynamics



C_d 0.30

Application of multiple undercovers

1 ..... Engine room / transmission
2 ..... Central floor
3 ..... Rear suspension

The undercovers reduce the flow resistance of the air beneath the bottom of the body when driving at high speeds.

Aerodynamic details

Wheel air curtain

Air curtain is generated and aero fender is applied to reduce the flow resistance around the wheels.

A-pillar molding

Airflow-optimizing moldings are added to reduce the drag generated by the vortex around A pillars.

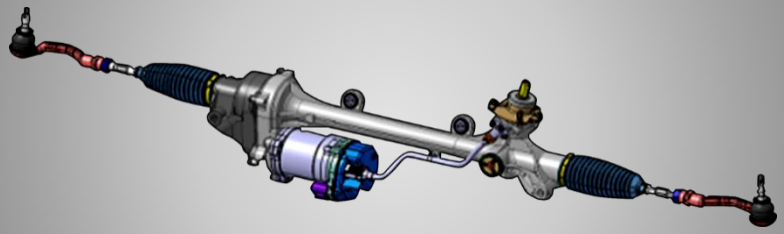
kicked-up edge of trunk lid

The kicked-up style of the trunk lid's edge greatly optimizes the vortex to the rear of the Stinger.

Fender garnish with air breather

The air vortex inside the wheel housing is extracted out through the air breather to the fender garnish.

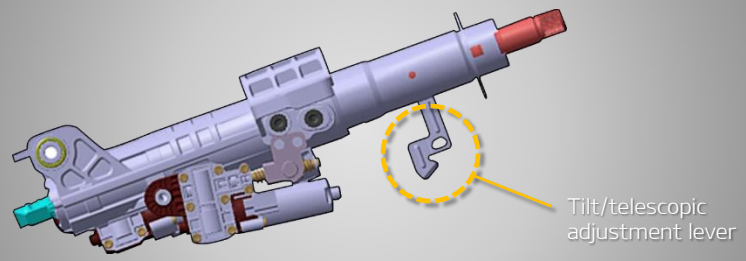
R-MDPS



Stinger employed rack type of motor-driven power steering system for more rapid responsiveness through directing mounting of the electric motor on the steering rack. Steering boost is adjustable through five drive modes.

※ Rack-mounted Motor-Driven Power Steering

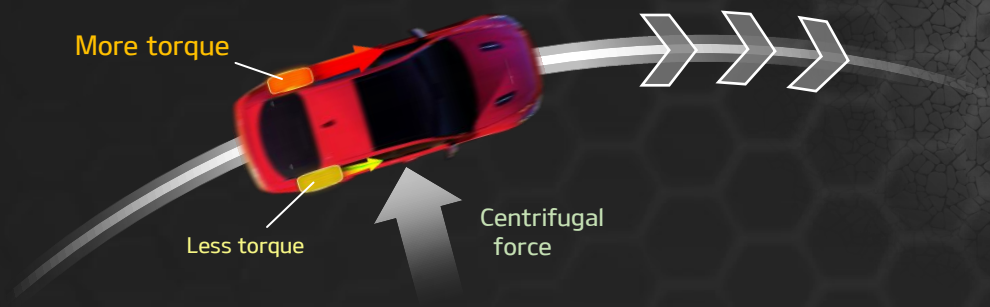
Electric tilt-telescopic column

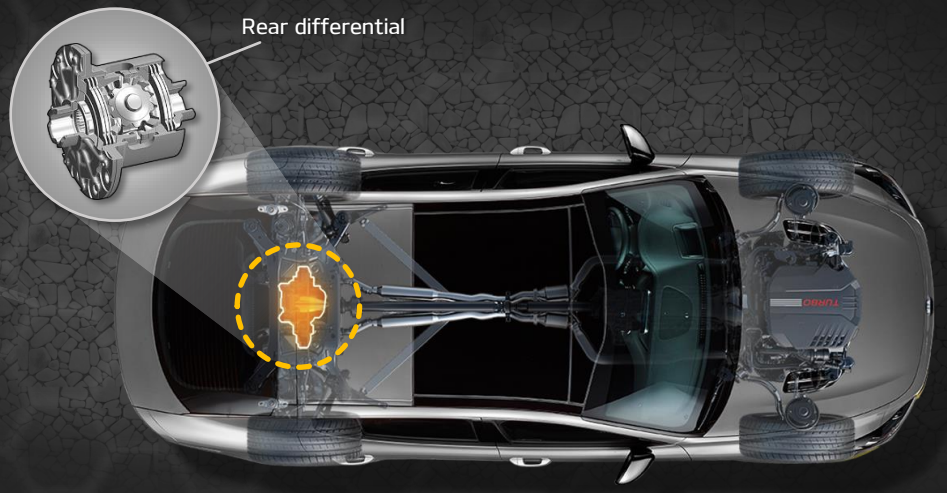


The steering column of Stinger can be electrically adjusted to driver's preferences easily by using the adjustment lever that is attached right below the steering column.

Limited-Slip Differential (LSD)

Stinger offers Rear-Wheel-Drive system, and the rear-drive vehicle gets the benefit of a limited-slip differential(optional) to help evenly distribute power through the rear wheels. LSD grants more responsive and agile handling, especially on high-speed cornering.





Dynamic Torque Vectoring System

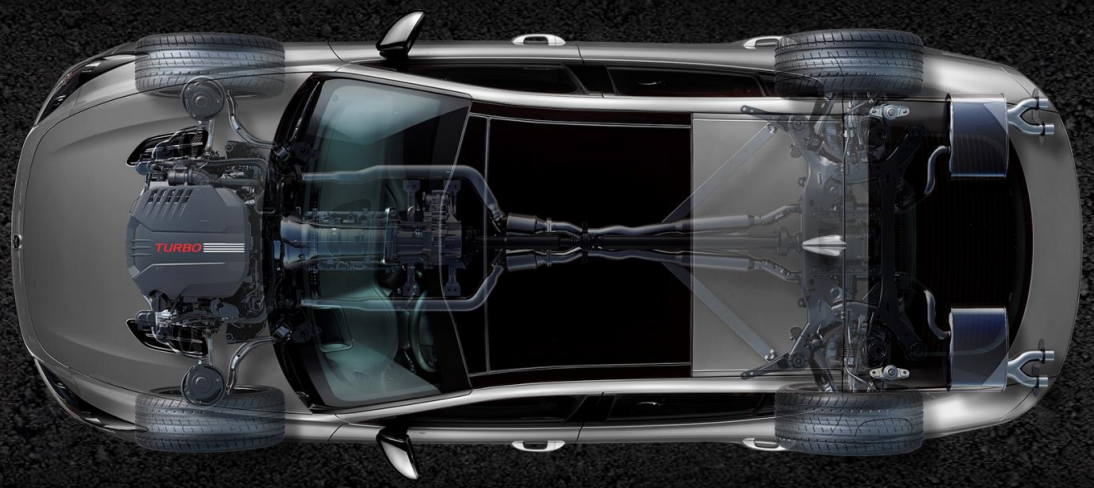
Every passionate driver deserves the benefit of Stinger's integrated chassis & safety control system.

Dynamic Torque Vectoring system

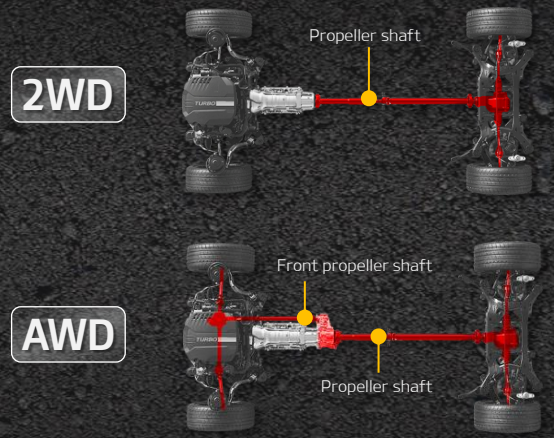
The Stinger's Vehicle Dynamic Control(VDC) features a new Dynamic Torque Vectoring Control system which monitors driver inputs and road conditions and automatically applies power and braking force to the inner rear wheels to minimize understeer and enhance traceability and steering feel. (Standard with EPB)

All-Wheel Drive System

With AWD, Stinger delivers a smooth, refined drive even on rough roads.



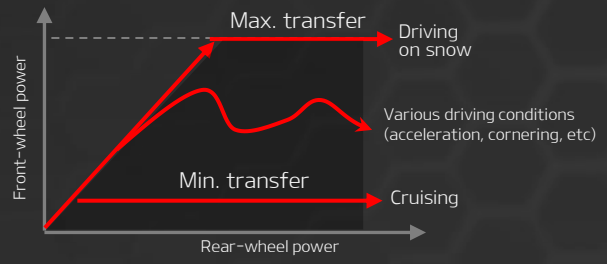
Powertrain layout



▶ Major features of Stinger's AWD system

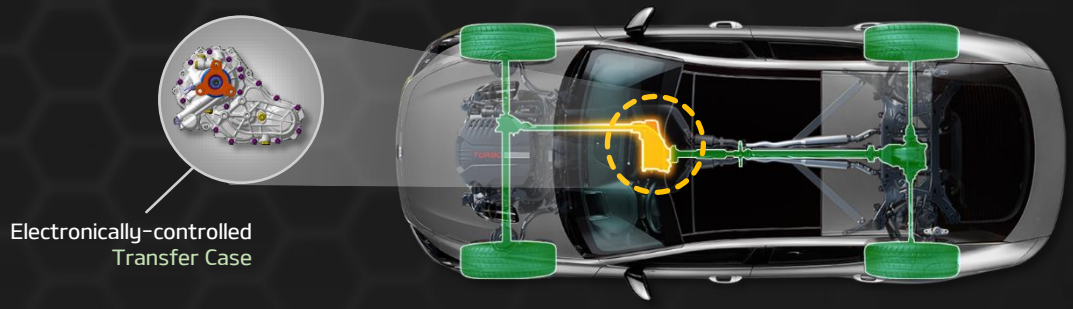
- Enhanced handling stability on slippery roads (snow, sand, etc)
- Electronically-controlled transfer regulates front-to-rear power ratio according to drive mode selected

● Front:rear power-transferring ratio



※ Electronically-controlled transfer case?

The transfer case distributes the optimal amount of power from the transmission to each of the front and the rear axles after analyzing the road condition.



The ultimate balance between power and stability

Electronically-Controlled Suspension (ECS)

The main purpose of the ECS is to regulate up and down movement of the vehicle's suspension system taking vehicle's speed, road condition, cornering, stopping requirements and acceleration into account. The aim is to secure maximum driving pleasure while securing safety and comfort.

Main features

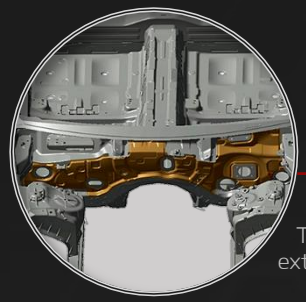
1. Utilization of multiple sensors and ECU for real-time optimization of ride feel
2. Suspension feel can be changed via the drive mode selection.

Noise-Vibration-Harshness

Prevention of noise-transmitting paths by insulating the source

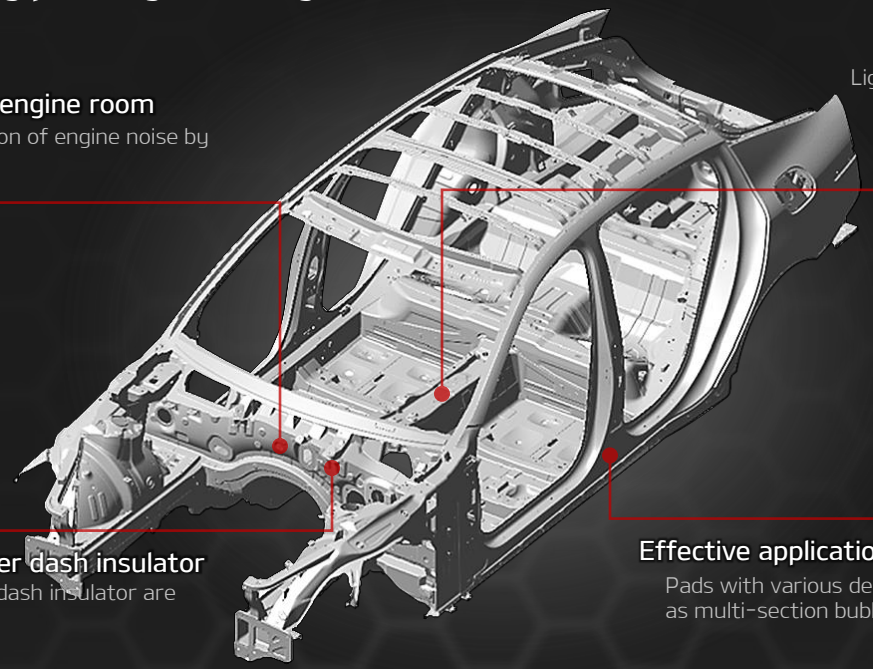
Fully-enclosed engine room

Enhanced reduction of engine noise by dual insulation



Extended upper dash insulator

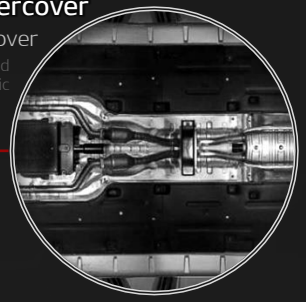
The upper parts of dash insulator are extended



Lower undercover

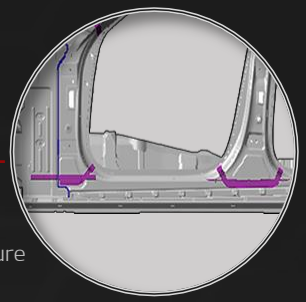
Light-weight lower undercover

※ Light Weight Reinforced Thermoplastic

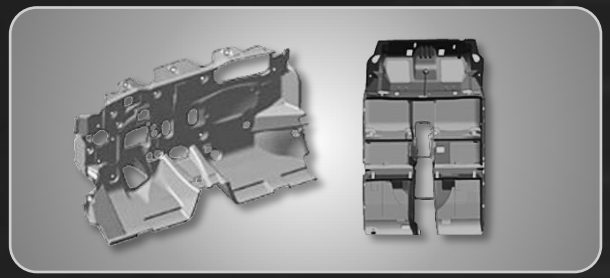


Effective application of pads on pillars

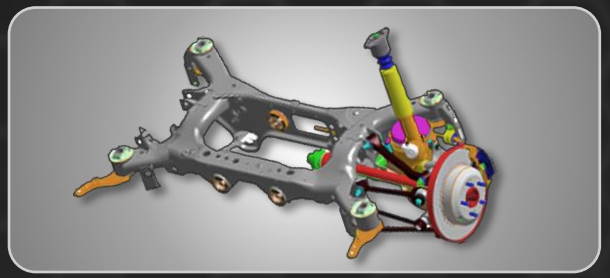
Pads with various density are applied as well as multi-section bubbling inner-frame structure



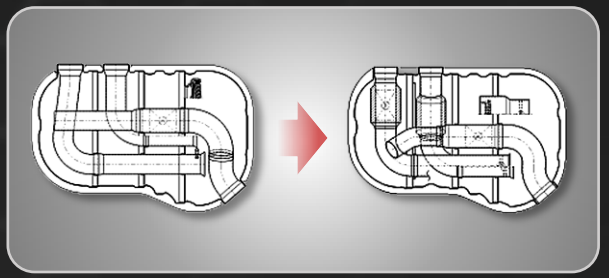
Improved features that reduce penetrating noises during acceleration



Insulating materials



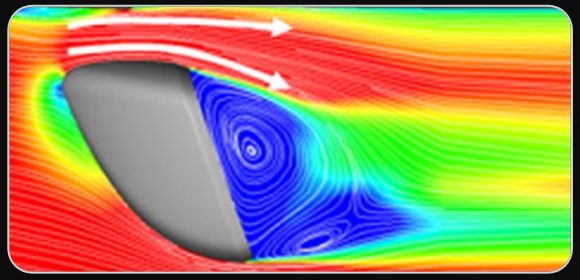
Rear cross member's rigidity



Inner structure of exhaust system

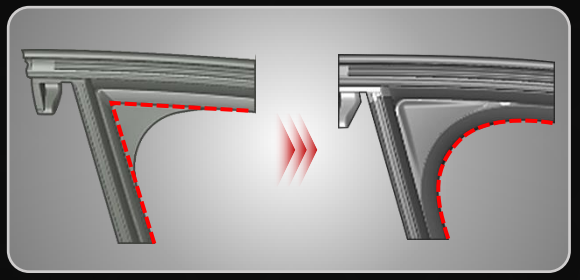
Images are exemplary

NVH measures for wind noises



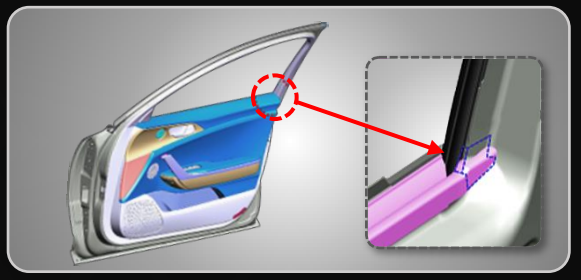
Optimized shape of outside mirror

The vortex and flow of air around O/S mirror are optimized for less wind noise when driving.



New shape of the door sealing

The air-leaking noise in upper B-pillar area is reduced thanks to improved sealing performance.



New shape of glass belt tip

The air-leaking noise in lower B-pillar area is reduced thanks to improved sealing performance.

stinger

Item	Theta 2.0 TGDI	Lambda 3.3 TGDI	Diesel R2.2	BMW 428i	BMW 420d
Idle wheel vibration	104	103	108	104	108
idle floor vibration	97	95	98	97	98
Acceleration noise	52	53	55	52	56
Cruising noise	65	65	65	65	65
Road noise	65	65	65	65	65
Wind noise	64	64	64	64	64

※ Unit: dB

SAFETY

Seamless safety technologies with people in mind

Offering luxurious amenities and unexpected features have become part of Kia's DNA and the Stinger continues that tradition. Multiple Advanced Driver Assistance Systems (ADAS) seamlessly work together to enhance the driving experience.

DRIVE WISE

Body Rigidity

Strengthened structure, additional structural adhesives and reinforced joint structure

Torsional stiffness

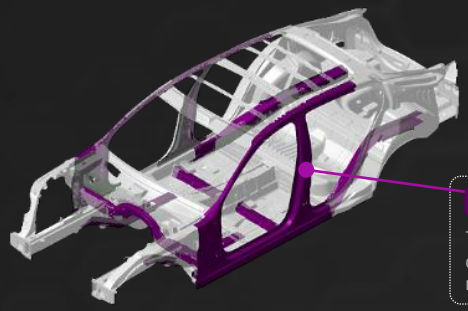
32.3 $\times 10^4$ kgf·m²/rad

Crash test result

Item	NHTSA	IIHS		EuroNCAP
	Overall	Overall	Small Overlap	Overall
Kia Stinger	★★★★★	TSP+	Good	★★★★★
BMW 3 Series	★★★★★	TSP+	Good	★★★★★
Audi A4	★★★★★	TSP+	Good	★★★★★

※ These ratings are based on the results of the tests done by Kia Motors R&D department.

Hot-stamped body frame structure



Hot-stamped frame

The door-side structure frame is all connected to disperse the impact from an accident, efficiently minimizing the damage to driver and passengers.

More structural adhesives

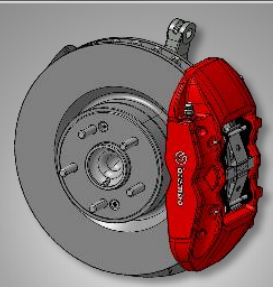
More extensive application of structural adhesive helps improve the structural strength and minimize the damage to connections between body parts in serious accidents. 3.3 times longer than Hyundai Genesis Coupe.

Brembo® brake

The unrivalled Brembo® brake system provides not only greater stopping performance, but also the image of a high-performance car.
Standard on 3.3-liter lambda T-GDI model only.

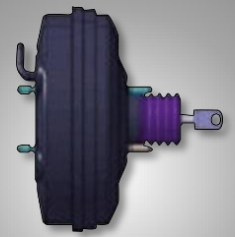
▶ Improvements of brake system

Brake cooling hole
Influx of air cools the heated disc to maintain the brake performance



Large brake disc
Front (4 pistons): Φ350
Rear (2 pistons): Φ340

Rigid brake caliper
Minimized caliper deformation and brake pedal stroke



8+8" Tie-rod booster
Outstanding braking performance and minimized booster deformation

With Stinger's innovative technologies at your disposal, you can focus on what really matters – carefree driving pleasure.

DRIVE WISE

DriveWise is Kia's state-of-the-art technology brand that analyzes in real-time the information from multiple sensors and actuators and assist drivers in various situations.

※ ADAS : Advanced Driver Assistance Systems

Active Safety

Forward Collision-Avoidance Assist (FCA)

A system that actively helps avert a collision. If the system detects a collision risk, it warns the driver, and even applies brakes automatically to minimize the damage.

High Beam Assist (HBA)

A camera installed on the windshield senses ambient lighting and the brightness of other cars and automatically turns on and off the high beam to help you drive safer at night.

Smart Cruise Control with Stop & Go (SCC w/ S&G)

Smart Cruise Control is technology that maintains a safe distance from vehicles in front by automatically adjusting driving speed when needed. Includes stop & go capability.

Lane Keeping Assist (LKA)

Designed to alert the driver when the vehicle deviates from a traffic lane, the system even applies a small amount of counter-steering force.

Blind-Spot Collision Warning (BCW)

Radar sensors monitor the lane behind, which is concealed from the driver's view. The system then alerts if a vehicle is approaching and overtaking to minimize any risk of collision.

Driver Attention Warning (DAW)

The system monitors the driver and will give warning signals to encourage for break time if it senses the driver's attention level has been significantly reduced.

Passive Safety

7 Airbags

Built with the driver's and passenger's safety as the top priority, Stinger has dual front airbags, driver's knee airbag, front-seat-mounted side airbags, and side-curtain airbags to minimize fatal injuries in an accident.

Components

1. Driver's frontal (depowered) airbag
2. Front passenger's frontal (depowered) airbag
3. Driver's knee airbag
4. Driver's side airbag
5. Front passenger's side airbag
6. / 7. Curtain airbags

※ What is depowered airbags?

The system makes the front airbags not-fully-pressured as crash condition, and then it makes the injury severity of driver/passenger decreased.

※ Depowered airbag is replaced with advanced airbag in North American market. Advanced airbag monitors the severity of the impact, the presence of a front passenger, and seat-belt use, and then controls airbag inflation accordingly whenever possible.

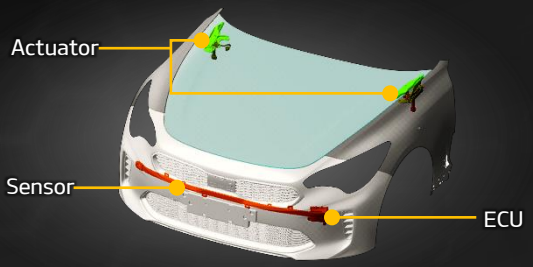
※ Available only in Europe, Australia and Russia

Active-Hood Lift System (AHLS)

Stinger is equipped with an Active-Hood Lift System which raises up rear of the hood to reduce damage to the head of pedestrian upon collision with the vehicle.

Components

- **Sensor**
  detects obstacles ahead
- **ECU**
  decides whether it's pedestrian
- **Actuator**
  raises the hood by signal from ECU



CONVENIENCE

Marvel yourself with impeccable features that come in a full package

Connectivity, entertainment and vehicle information can be as important as a dynamic driving experience and the Stinger comes to market with the latest infotainment systems. Prepare yourselves for the most total experience in your journey you've never felt before.

Climate Control

It's the level of comfort that you'll call peace of mind.

3-zone air-conditioning system

Climate control features

Heated 1st/2nd-row seats

Driver and all passengers will enjoy the comfort of heating elements in the seat back and cushion. Adjustable heat settings help ensure more comfort.

Ventilated front seat

Drives on hot summer days are more comfortable with the ventilated driver's and front passenger's seats, helping you stay cool.

Heated steering wheel

Stinger has an available heated steering wheel for comfortable driving on cold days.

Floating-type display is applied to exude premium dashboard image as well as enhanced visibility of navigation during driving.

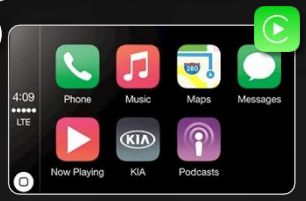
Touchscreen navigation system

Stinger has standard 7" screen with either Navigation or Display Audio function only. (depending on country) Optional screen is 8" screen with either Navigation or Display Audio. (depending on country)

Supported features


p.41

AVM (optional)



Apple CarPlay

Android Auto

Access to smartphone functions via AVN's user interface

Get directions, make calls, send and receive messages, and listen to music. All in a way that lets you stay focused on the road.

The availability of Android Auto and Apple Car Play depends on Google and Apple's service coverage

Exceptional sound experience that turns the cabin room into a concert hall

Harman/Kardon® premium speaker system

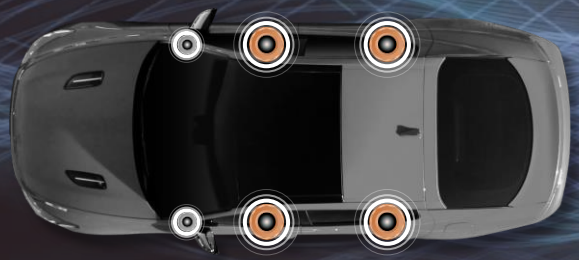
harman/kardon by HARMAN

Harman/Kardon speakers are perfectly positioned in the interior to deliver a well-balanced sound. The amplifier allows every passenger to feel as well as hear every note in your favorite songs. Listen to music with clarity and know you are hearing the very best. Its Clari-Fi technology works in real-time to rebuild audio details lost in digitally compressed music.

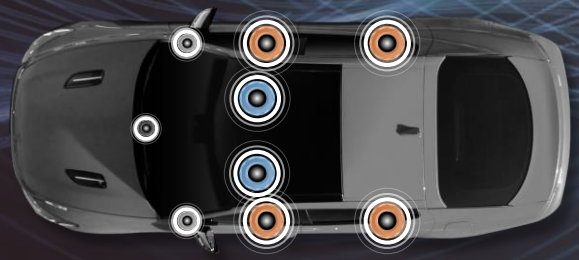
The perfect companion for every drive.

Harman/Kardon® 15 speakers (optional)

6 speakers (standard)

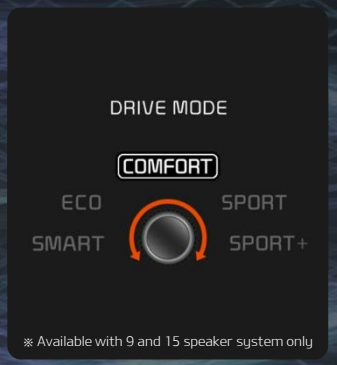


9 speakers (optional)

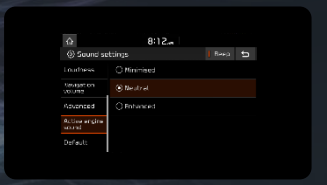


Active Sound Design (ASD) system

Through the speakers, the sound system generates differentiated artificial sounds of acceleration, gear shifts and suspension according to the currently-selected drive mode, giving even more dynamic driving experience.



※ Available with 9 and 15 speaker system only



Under-seat subwoofer

- Improved overall bass output
- Central low-range balance

Designed for total immersion in the driving experience

Head-Up Display (HUD)

With the customizable Head-Up Display (HUD), the key driving information you need is discretely projected onto the windshield in the driver's line of sight.

Around View Monitor (AVM)

This intuitive system combines four wide-angle images from cameras at the front, rear and sides of the vehicle to give a comprehensive bird's eye view.

※ Not available in North America

Driving Rear-View Monitor (DRM)

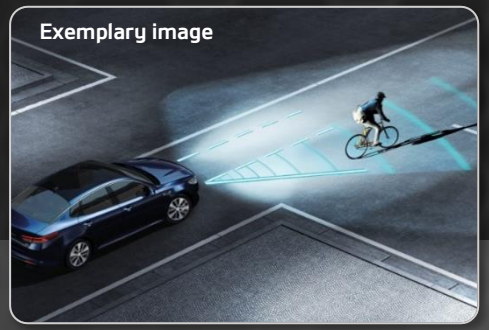
Even when driving, the rear of the vehicle can be displayed on AVN monitor just by pressing a button, giving wide-angle view.

Wireless smartphone charger

Simply place your phone on the tray in the console and let it charge wirelessly. When you exit the vehicle, it will alert you if a device is left on the charger.

Shift by wire (SBW)

The transmission modes are engaged and changed through electronic controls. It provides such effortless shifting through pressing of a button.



Dynamic Bending Light (DBL)

For optimal visibility when driving at night, the Dynamic Bending Light delivers a beam that adapts depending on vehicle speed and turning angle.

Integrated Memory System (IMS)

The Integrated Memory System saves two presets for driver's seating positions, steering wheel (if elec telescopic is selected) outside rear-view mirrors, HUD and cluster display.

Electrochromic outside mirror

The electric chromic mirror automatically controls the glare from the headlights of the car behind you in nighttime or low light driving conditions.

APPENDIX

Customize your Stinger with discerning choices of colors and materials

At Kia, designers and engineers spend years in R&D to ensure every single car they build delivers what each driver demands. A range of color and material choices for exterior and interior give you the extra flexibility to further personalize your Stinger to meet your taste. The choice is yours. Enjoy.

GT (GT-Line)

Exclusive premium design features are not the only good things about GT version.
There is more fun in engineering.

*Standard model with LED headlamp is shown

GT/GT-Line logos

GT/GT-Line emblem

D-cut steering wheel

LSD

(optional on RWD)

Electronically-controlled suspension (standard on GT)

Chamude Suede headlining

Bolster adjustment & aircell lumbar support

(optional)

Nappa leather seat

(optional)

Aluminum material finish or carbon insert film

GT (GT-Line) Front & Side Style Comparison

stinger ⤨ stinger GT GT LINE

: Areas where GT/GT-Line models are equipped with exclusive parts

GT (GT-Line) Rear Style Comparison

Color Options

Exterior Colors

Pearl White
(SWP)

Silky Silver
(4SS)

Aurora Black
(ABP)

Ceramic Silver
(C4S)

HiChroma Red
(H4R)

Sunset Yellow
(S7Y)

Micro Blue
(M6B)

Deep Chroma Blue
(D9B)

Panthera Metal
(P2M)

Interior Colors

Black one tone

Brown one tone

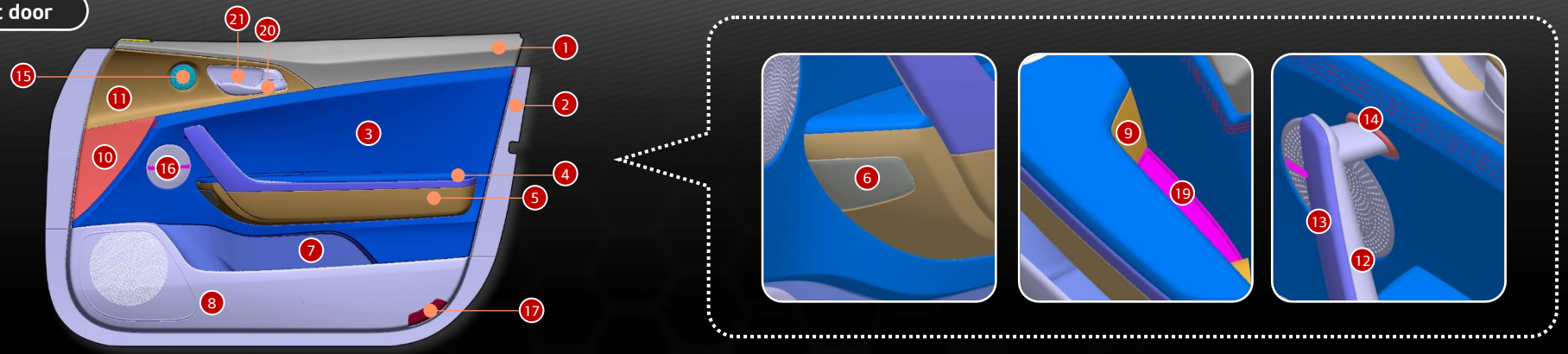
Beige two tone

Red color package
(Black one-tone based)

Grey color package
(Black one-tone based)

Color and Material Guide

Front door

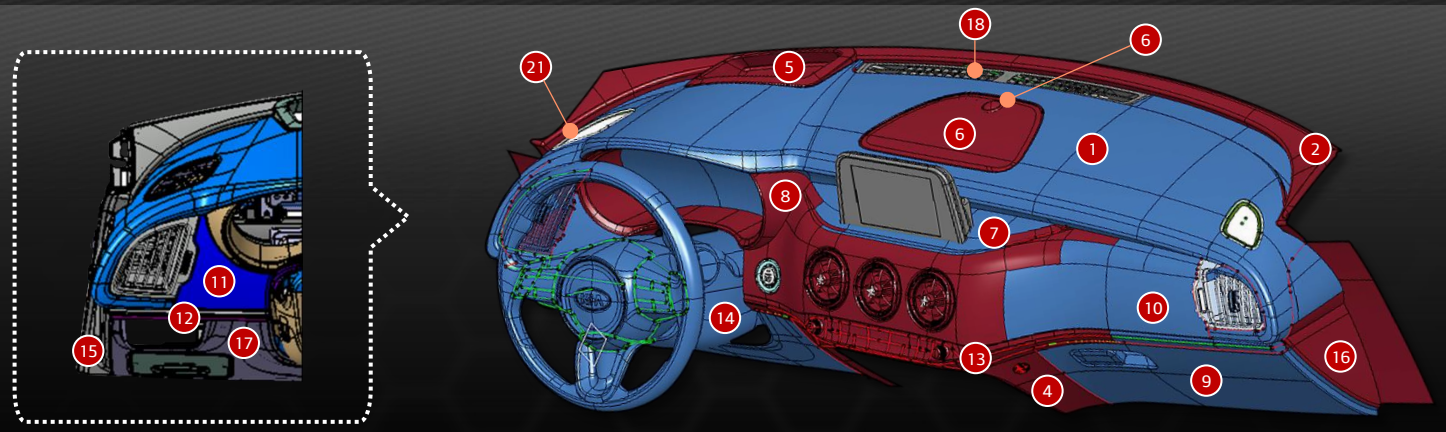


NO	PART NAME	Material	Manufacturing	EMBO	Interior color		
					WK	YBR	AYK
					Saturn Black	Dark Brown	Beige
1	PNL ASSY-FR DR TRIM UPR, LH/RH	PPF	IMG	KM-607	WK	YBR	WK
2	PNL-FR DR TRIM MAIN,LH/RH	PPF	Injection molding	KM-607	WK	YBR	AYK
3	PNL-FR DR CTR TRIM (TPU) ,LH/RH	PPF+N/F	Covering	KM-607	WK	YBR	AYK
					GRAY		
					RED		
	PNL-FR DR CTR TRIM (PU) L/RH	PPF+N/F	Covering	Nappa	WK	YBR	AYK
					GRAY		
					RED		
	Stitch color (double)	Bonding yarn			148 Black	Embroidery 654/500D	Embroidery 304/500D
					184 Grey		
					425 Red		
4	ARMREST ASSY-FR DR,LH/RH (TPU)	PPF	Covering	KM-607	WK	YBR	AYK
					GRAY		
					RED		
	ARMREST ASSY-FR DR,LH/RH (PU)	PPF	Covering	Nappa	WK	YBR	AYK
					GRAY		
					RED		
5	ARMREST-FR DR LWR LH/RH	PPF	Injection molding	KM-607	WK	YBR	AYK
6	COVER-FR DR ARMREST LWR LH/RH	PPF	Injection molding	KM-607	WK	YBR	AYK

NO	PART NAME	Material	Manufacturing	EMBO	Interior color		
					WK	YBR	AYK
					Saturn Black	Dark Brown	Beige
7	POCKET ASSY-FR DR TRIM MAP, LH/RH	PPF	Injection molding	KM-607	WK	YBR	AYK
8	PNL-FR DR LWR TRIM, LH/RH	PPF	Injection molding	KM-607	WK	YBR	AYK
9	HDL-FR DR PULL,LH/RH	ABS	Soft coating	KTH-040	WK	YBR	AYK
10	COVER-FR DR TRIM BLANKG, LH/RH	PPF	Injection molding	KM-607	WK	YBR	AYK
11	GARNISH-FR DR TRIM UPR, LH/RH	ABS	Hydrographics		Black gloss	Black gloss	Black gloss
			Insert film		Carbon	Carbon	Carbon
			Insert film		Hairline metal	Hairline metal	Hairline metal
					※ CA color applied on insert film-masked surface		
12	CVR ASSY-FR DR GRIP HDL INR, LH/RH	PC-ABS	Soft coating		WK	WK	WK
13	CVR ASSY-FR DR GRIP HDL OTR, LH/RH	PC-ABS	IPE		SA1	SA1	SA1
14	RING-FR DR GRIP HDL, LH/RH	ABS	IPE		SA1	SA1	SA1
15	GRILLE-FR DR TWT/SPKR, LH/RH	PC-ABS	Hot-stamping		SA1+CA	SA1+CA	SA1+CA
	GRILLE-FR DR TWT/SPKR, LH/RH	PC-ABS + SUS	Press		SUS	SUS	SUS
16	GRILLE-FR DR SPEAKER, LH/RH	PC-ABS + SUS	Press		SUS	SUS	SUS
17	LENS-FR DR COURTESY LAMP,LH/RH	CORE : PC-001 TYPE A-1 (MS215-01)	Injection molding				
18	MOOD LAMP-FR DR NO.1, LH		Injection molding				
19	CAP-FR DR PULL HDL, LH/RH	TPE	Injection molding		WK	WK	AYK
20	DR I/S HDL ASS'Y L/RH		Plating		SA1	SA1	SA1
21	CAP DR I/S HDL L/RH	ABS	Painting		CA	CA	CA

Color and Material Guide

Dashboard



NO	PART NAME	Material	Manufacturing	EMBO	Interior color		
					WK	YBR	AYK
					Saturn Black	Dark Brown	Beige
1	PNL ASSY-C/PAD MAIN	TPE-TPU-020 TYPE B (MS220-20)	PSM (OPT real stitch)	KM-607	WK	YBR	WK
2	CVR ASSY-C/PAD TOP	PP -TD20-057 TYPE B (MS213-57)	Injection molding + printing	KM-607	WK	YBR	WK
4	COVER ASSY-C/PAD CTR, LWR	PP -TD20-057 TYPE B (MS213-57)	Injection molding + non-printing	KM-607	WK	YBR	AYK
5	COVER ASSY-HUD	PP -TD20-057 TYPE B (MS213-57)	Injection molding + printing	KTH-052	WK	YBR	WK
6	GRILL ASSY-CTR SPEAKER	PP -TD20-057 TYPE B (MS213-57)	Injection molding + printing	KTH-040	WK	YBR	WK
7	PNL ASSY-MONITOR FACIA	PC+ABS-004 TYPE A (MS214-04)	High-elastic printing	KTH-040	WK	YBR	WK
8	PNL ASSY-CLUSTER FACIA	PC+ABS-004 TYPE A (MS214-04)	Injection molding + printing	KTH-040	CA	CA	CA
9	COMPLETE ASSY-GLOVE BOX	PP -TD20-057 TYPE B (MS213-57)	Injection molding + non-printing	KM-607	WK	YBR	AYK
10	PNL ASSY-C/PAD PASS SIDE	TPE-TPO-009 TYPE B (MS220-09) LEATHER-PU-007 TYPE C (MS321-07)	IMG(STD) Artificial leather(OPT)	607 Nappa	WK	YBR	WK
11	PNL ASSY-C/PAD DRV SIDE	TPE-TPO-009 TYPE B (MS220-09) LEATHER-PU-007 TYPE C (MS321-07)	IMG(STD) Artificial leather(OPT)	607 Nappa	WK	YBR	WK

NO	PART NAME	Material	Manufacturing	EMBO	Interior color		
					WK	YBR	AYK
					Saturn Black	Dark Brown	Beige
12	GARNISH ASSY-CPAD,LH/RH	PC+ABS-004 TYPE A (MS214-04)	IPE		SA1	SA1	SA1
13	GARNISH ASSY-CPAD,LH/RH	PC+ABS-004 TYPE A (MS214-04)	IPE		SA1	SA1	SA1
14	SHROUD ASSY-STRG COLOUMN,LWR	PP -TD20-057 TYPE B (MS213-57)	Injection molding + non-printing	KM-607	WK	YBR	WK
15	COVER ASSY-C/PAD SIDE, LH/RH	PP -TD20-057 TYPE B (MS213-57)	Injection molding + non-printing	KM-607	WK	YBR	WK
16	COVER ASSY-C/PAD SIDE, LH/RH	PP -TD20-057 TYPE B (MS213-57)	Injection molding + non-printing	KM-607	WK	YBR	WK
17	PNL ASSY-C/PAD LWR, LH	PP -TD20-057 TYPE B (MS213-57)	Injection molding + non-printing	KM-607	WK	YBR	AYK
18	NOZZLE COVER-DEF	PPF	Injection molding + printing	KTH-040	WK	YBR	WK
19	PHOTO SENSOR		Injection molding + printing	KTH-040	WK	WK	WK
20	SIDE DEF COVER-RH/LH	PPF	Injection molding + printing	KTH-052	WK	YBR	WK
21	SIDE DEF COVER-RH/LH	PPF	Injection molding + printing	KTH-052	WK	YBR	WK

Technical Specifications

Dimensions

Category			K2		K3		K4			K5		K6		K7		K9	
			2.0L Turbo Charged I4 Theta II	3.3L Twin Turbo V6 Lambda II	2.0L Turbo Charged I4 Theta II	3.3L Twin Turbo V6 Lambda II	2.0L Turbo Charged I4 Theta II	3.3L Twin Turbo V6 Lambda II	R2.2 Turbocharged Diesel	2.0L Turbo Charged I4 Theta II	3.3L Twin Turbo V6 Lambda II	2.0L Turbo Charged I4 Theta II	3.3L Twin Turbo V6 Lambda II	2.0L Turbo Charged I4 Theta II	3.3L Twin Turbo V6 Lambda II	2.0L Turbo Charged I4 Theta II	3.3L Twin Turbo V6 Lambda II
Exterior (mm)	OAL × OAW × OAH		4,830 × 1,870 × 1,400														
	Wheelbase		2,905														
	Wheel tread	Front	1,596(18") / 1,596(19")														
		Rear	1,647(18") / 1,619(19")														
	Overhang (front / rear)		830.6 / 1094.74														
Approach angle / Departure angle (°)			12.4 / 29.4														
Interior (mm)	Head room (front / rear)		974 / 939														
	Leg room (front / rear)		1,083 / 925														
	Shoulder room (front / rear)		1,433 / 1,391														
	Hip room (front / rear)		-														
Luggage capacity (VDA, ℓ)	Minimum (cargo area)		-														
	Maximum (with rear seats folded)		-														
Wheel size			8.0J×18, 8.0J×19 (front) / 8.5Jx19 (rear)	8.0J×18, 8.0J×19 (front) / 8.5Jx19 (rear)	8.0J×18, 8.0J×19 (front) / 8.5Jx19 (rear)	8.0J×18, 8.0J×19 (front) / 8.5Jx19 (rear)	8.0J×18, 8.0J×19 (front) / 8.5Jx19 (rear)	8.0J×18, 8.0J×19 (front) / 8.5Jx19 (rear)	7.0J X 17, 8.0J×18	8.0J×18, 8.0J×19 (front) / 8.5Jx19 (rear)	8.0J×18, 8.0J×19 (front) / 8.5Jx19 (rear)	8.0J×18	8.0J×19 (front) / 8.5Jx19 (rear)	8.0J×18	8.0J×18, 8.0J×19 (front) / 8.5Jx19 (rear)	8.0J×18, 8.0J×19 (front) / 8.5Jx19 (rear)	8.0J×18, 8.0J×19 (front) / 8.5Jx19 (rear)
Tire size			P225/45R18, P225/40R19 (Front) P255/35R19 (Rear)	P225/45R18, P225/40R19 (Front) P255/35R19 (Rear)	P225/45R18, P225/40R19 (Front) P255/35R19 (Rear)	P225/45R18, P225/40R19 (Front) P255/35R19 (Rear)	P225/45R18, P225/40R19 (Front) P255/35R19 (Rear)	P225/45R18, P225/40R19 (Front) P255/35R19 (Rear)	P225/50R17, P225/45R18	P225/45R18, P225/40R19 (Front) P255/35R19 (Rear)	P225/45R18, P225/40R19 (Front) P255/35R19 (Rear)	P225/45R18	P225/40R19 (Front) P255/35R19 (Rear)	P225/45R18	P225/45R18, P225/40R19 (Front) P255/35R19 (Rear)	P225/45R18, P225/40R19 (Front) P255/35R19 (Rear)	P225/45R18, P225/40R19 (Front) P255/35R19 (Rear)

Technical Specifications

Engines

Category	K2		K3		K4			K5		K6		K7		K9	
	2.0L Turbo Charged I4 Theta II	3.3L Twin Turbo V6 Lambda II	2.0L Turbo Charged I4 Theta II	3.3L Twin Turbo V6 Lambda II	2.0L Turbo Charged I4 Theta II	3.3L Twin Turbo V6 Lambda II	R2.2 Turbocharged Diesel	2.0L Turbo Charged I4 Theta II	3.3L Twin Turbo V6 Lambda II	2.0L Turbo Charged I4 Theta II	3.3L Twin Turbo V6 Lambda II	2.0L Turbo Charged I4 Theta II	3.3L Twin Turbo V6 Lambda II	2.0L Turbo Charged I4 Theta II	3.3L Twin Turbo V6 Lambda II
Horsepower (ps, hp , kw)	255 ps @ 6,200 rpm	370 ps @ 6,000 rpm	255 ps @ 6,200 rpm	370 ps (276 kw) @ 6,000 rpm	255 ps (193 kw) @ 6,200 rpm	370 ps (276 kw) @ 6,000 rpm	200 ps @ 3,800 rpm	255 ps (193 kw) @ 6,200 rpm	370 ps (276 kw) @ 6,000 rpm	255 hp @ 6,200 rpm	365 hp ps @ 6,000 rpm	255 hp @ 6,200 rpm	365 hp ps @ 6,000 rpm	247 ps (182 kW) @ 6,200 rpm	370 ps (276 kw) @ 6,000 rpm
Torque: (kgf.m, Nm, lb.-ft)	36.0 kgf.m (260 lb.-ft) @ 1,400-4,000 rpm	52.0kgf.m (376 lb.-ft) @ 1,300-4,500 rpm	36.0 kgf.m (260 lb.-ft) @ 1,400-4,000 rpm	52.0kgf.m (376 lb.-ft) @ 1,300-4,500 rpm	36.0 kgf.m (260 lb.-ft) @ 1,400-4,000 rpm	52.0kgf.m (376 lb.-ft) @ 1,300-4,500 rpm	44.5kgf.m/1750~2750rpm	36.0 kgf.m (260 lb.-ft) @ 1,400-4,000 rpm	52.0kgf.m (376 lb.-ft) @ 1,300-4,500 rpm	36.0 kgf.m (260 lb.-ft) @ 1,400-4,000 rpm	52.0kgf.m (376 lb.-ft) @ 1,300-4,500 rpm	36.0 kgf.m (260 lb.-ft) @ 1,400-4,000 rpm	52.0kgf.m (376 lb.-ft) @ 1,300-4,500 rpm	353 Nm (260 lb ft) @ 1,400-4,000 rpm	52.0kgf.m (376 lb.-ft) @ 1,300-4,500 rpm
Block	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Head	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Valve System	DOHC D-CVVT 16V	DOHC D-CVVT 24V	DOHC D-CVVT 16V	DOHC D-CVVT 24V	DOHC D-CVVT 16V	DOHC D-CVVT 24V	DOHC D-CVVT 16V	DOHC D-CVVT 16V	DOHC D-CVVT 24V	DOHC D-CVVT 16V	DOHC D-CVVT 24V	DOHC D-CVVT 16V	DOHC D-CVVT 24V	DOHC D-CVVT 16V	DOHC D-CVVT 24V
Displacement (cc)	1,998 cc	3,342 cc	1,998 cc	3,342 cc	1,998 cc	3,342 cc	2,199 cc	1,998 cc	3,342 cc	1,998 cc	3,342 cc	1,998 cc	3,342 cc	1,998 cc	3,342 cc
Bore x stroke (mm)	86 mm X 86 mm	92.0 mm x 83.8 mm	86 mm X 86 mm	92.0 mm x 83.8 mm	86 mm X 86 mm	92.0 mm x 83.8 mm	85.4 x 96.0	86 mm X 86 mm	92.0 mm x 83.8 mm	86 mm X 86 mm	92.0 mm x 83.8 mm	86 mm X 86 mm	92.0 mm x 83.8 mm	86 mm X 86 mm	92.0 mm x 83.8 mm
Compression Ratio	10.0 : 1	10.0:1	10.0 : 1	10.0:1	10.0 : 1	10.0:1	16.0:1	10.0 : 1	10.0:1	10.0 : 1	10.0:1	10.0 : 1	10.0:1	10.0 : 1	10.0:1
Fuel System	GDI (Gasoline Direct Injection)	GDI (Gasoline Direct Injection)	GDI (Gasoline Direct Injection)	GDI (Gasoline Direct Injection)	GDI (Gasoline Direct Injection)	GDI (Gasoline Direct Injection)	CRDI (common-rail direct injection)	GDI (Gasoline Direct Injection)	GDI (Gasoline Direct Injection)	GDI (Gasoline Direct Injection)	GDI (Gasoline Direct Injection)	GDI (Gasoline Direct Injection)	GDI (Gasoline Direct Injection)	GDI (Gasoline Direct Injection)	GDI (Gasoline Direct Injection)
Required Fuel	Premium Recommended	Premium Recommended	Premium Recommended	Premium Recommended	Premium Recommended	Premium Recommended	-	Premium Recommended	Premium Recommended	Premium Recommended	Premium Recommended	Premium Recommended	Premium Recommended	Premium Recommended	Premium Recommended

Technical Specifications

Transmissions

Category	K2		K3		K4			K5		K6		K7		K9	
	2.0L Turbo Charged I4 Theta II	3.3L Twin Turbo V6 Lambda II	2.0L Turbo Charged I4 Theta II	3.3L Twin Turbo V6 Lambda II	2.0L Turbo Charged I4 Theta II	3.3L Twin Turbo V6 Lambda II	R2.2 Turbocharged Diesel	2.0L Turbo Charged I4 Theta II	3.3L Twin Turbo V6 Lambda II	2.0L Turbo Charged I4 Theta II	3.3L Twin Turbo V6 Lambda II	2.0L Turbo Charged I4 Theta II	3.3L Twin Turbo V6 Lambda II	2.0L Turbo Charged I4 Theta II	3.3L Twin Turbo V6 Lambda II
Transmission Gear Ratios: 8-speed automatic transmission															
First	3.964	3.665	3.964	3.665	3.964	3.665	3.964	3.964	3.665	3.964	3.665	3.964	3.665	3.964	3.665
Second	2.468	2.396	2.468	2.396	2.468	2.396	2.468	2.468	2.396	2.468	2.396	2.468	2.396	2.468	2.396
Third	1.610	1.610	1.610	1.610	1.610	1.610	1.610	1.610	1.610	1.610	1.610	1.610	1.610	1.610	1.610
Fourth	1.176	1.190	1.176	1.190	1.176	1.190	1.176	1.176	1.190	1.176	1.190	1.176	1.190	1.176	1.190
Fifth	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Sixth	0.832	0.826	0.832	0.826	0.832	0.826	0.832	0.832	0.826	0.832	0.826	0.832	0.826	0.832	0.826
Seventh	0.652	0.643	0.652	0.643	0.652	0.643	0.652	0.652	0.643	0.652	0.643	0.652	0.643	0.652	0.643
Eightth	0.565	0.556	0.565	0.556	0.565	0.556	0.565	0.565	0.556	0.565	0.556	0.565	0.556	0.565	0.556
Reverse	2.273	2.273	2.273	2.273	2.273	2.273	2.273	2.273	2.273	2.273	2.273	2.273	2.273	2.273	2.273
Final gear ratio	3.727	3.538	3.727	3.538	3.727	3.538	3.385	3.727	3.538	3.727	3.538	3.727	3.538	3.727	3.538
Layout/drive	Front Engine/ Rear or All Wheel Drive	Front Engine/ Rear or All Wheel Drive	Front Engine/ Rear or All Wheel Drive	Front Engine/ Rear or All Wheel Drive	Front Engine/ Rear or All Wheel Drive	Front Engine/ Rear or All Wheel Drive	Front Engine/ Rear or All Wheel Drive	Front Engine/ Rear or All Wheel Drive	Front Engine/ Rear or All Wheel Drive	Front Engine/ Rear or All Wheel Drive	Front Engine/ Rear or All Wheel Drive	Front Engine/ Rear or All Wheel Drive	Front Engine/ Rear or All Wheel Drive	Front Engine/ Rear or All Wheel Drive	Front Engine/ Rear or All Wheel Drive
Lubricant oil capacity (liter)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Technical Specifications

Chassis / Suspension

Category	K2		K3		K4			K5		K6		K7		K9	
	2.0L Turbo Charged I4 Theta II	3.3L Twin Turbo V6 Lambda II	2.0L Turbo Charged I4 Theta II	3.3L Twin Turbo V6 Lambda II	2.0L Turbo Charged I4 Theta II	3.3L Twin Turbo V6 Lambda II	R2.2 Turbocharged Diesel	2.0L Turbo Charged I4 Theta II	3.3L Twin Turbo V6 Lambda II	2.0L Turbo Charged I4 Theta II	3.3L Twin Turbo V6 Lambda II	2.0L Turbo Charged I4 Theta II	3.3L Twin Turbo V6 Lambda II	2.0L Turbo Charged I4 Theta II	3.3L Twin Turbo V6 Lambda II
Front	MacPherson	MacPherson	MacPherson	MacPherson	MacPherson	MacPherson	MacPherson	MacPherson	MacPherson	MacPherson	MacPherson	MacPherson	MacPherson	MacPherson	MacPherson
Rear	Multi Link (5-link)	Multi Link (5-link)	Multi Link (5-link)	Multi Link (5-link)	Multi Link (5-link)	Multi Link (5-link)	Multi Link (5-link)	Multi Link (5-link)	Multi Link (5-link)	Multi Link (5-link)	Multi Link (5-link)	Multi Link (5-link)	Multi Link (5-link)	Multi Link (5-link)	Multi Link (5-link)
Short absorber type	GAS	GAS	GAS	GAS	GAS	GAS	GAS	GAS	GAS	GAS	GAS	GAS	GAS	GAS	GAS
Construction	Steel Unibody	Steel Unibody	Steel Unibody	Steel Unibody	Steel Unibody	Steel Unibody	Steel Unibody	Steel Unibody	Steel Unibody	Steel Unibody	Steel Unibody	Steel Unibody	Steel Unibody	Steel Unibody	Steel Unibody
Type / Power source	Rack and Pinion / Electric motor	Rack and Pinion / Electric motor	Rack and Pinion / Electric motor	Rack and Pinion / Electric motor	Rack and Pinion / Electric motor	Rack and Pinion / Electric motor	Rack and Pinion / Electric motor	Rack and Pinion / Electric motor	Rack and Pinion / Electric motor	Rack and Pinion / Electric motor	Rack and Pinion / Electric motor	Rack and Pinion / Electric motor	Rack and Pinion / Electric motor	Rack and Pinion / Electric motor	Rack and Pinion / Electric motor
Variable Gear Ratio	N/A	Standard	N/A	Standard	N/A	Standard	N/A	N/A	Standard	N/A	Standard	N/A	Standard	N/A	Standard
Turns, lock-to-lock	2.4 (RWD), 2.3 (AWD)	2.2 (RWD), 2.1 (AWD)	2.4 (RWD), 2.3 (AWD)	2.2 (RWD), 2.1 (AWD)	2.4 (RWD), 2.3 (AWD)	2.2 (RWD), 2.1 (AWD)	2.4 (RWD), 2.3 (AWD)	2.4 (RWD), 2.3 (AWD)	2.2 (RWD), 2.1 (AWD)	2.4 (RWD), 2.3 (AWD)	2.2 (RWD), 2.1 (AWD)	2.4 (RWD), 2.3 (AWD)	2.2 (RWD), 2.1 (AWD)	2.4 (RWD), 2.3 (AWD)	2.2 (RWD), 2.1 (AWD)
Turning circle, curb-to-curb: meter (ft)	11.2 metres (RWD), 11.7 m etres (AWD)	11.2 metres (RWD), 11.7 m etres (AWD)	11.2 metres (RWD), 11.7 m etres (AWD)	11.2 metres (RWD), 11.7 m etres (AWD)	11.2 metres (RWD), 11.7 m etres (AWD)	11.2 metres (RWD), 11.7 m etres (AWD)	11.2 metres (RWD), 11.7 m etres (AWD)	11.2 metres (RWD), 11.7 m etres (AWD)	11.2 metres (RWD), 11.7 m etres (AWD)	11.2 metres (RWD), 11.7 m etres (AWD)	11.2 metres (RWD), 11.7 m etres (AWD)	11.2 metres (RWD), 11.7 m etres (AWD)	11.2 metres (RWD), 11.7 m etres (AWD)	11.2 metres (RWD), 11.7 m etres (AWD)	11.2 metres (RWD), 11.7 m etres (AWD)

Technical Specifications

Performance

Category	K2		K3		K4			K5		K6		K7		K9	
	2.0L Turbo Charged I4 Theta II	3.3L Twin Turbo V6 Lambda II	2.0L Turbo Charged I4 Theta II	3.3L Twin Turbo V6 Lambda II	2.0L Turbo Charged I4 Theta II	3.3L Twin Turbo V6 Lambda II	R2.2 Turbocharged Diesel	2.0L Turbo Charged I4 Theta II	3.3L Twin Turbo V6 Lambda II	2.0L Turbo Charged I4 Theta II	3.3L Twin Turbo V6 Lambda II	2.0L Turbo Charged I4 Theta II	3.3L Twin Turbo V6 Lambda II	2.0L Turbo Charged I4 Theta II	3.3L Twin Turbo V6 Lambda II
Max. speed (kph)	240	270	240	270	240	270	230	240	270	210	18" 210 / 19" 270	210	18" 210 / 19" 270	240	270
Acceleration performance (sec)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0 → 100kph	6.0	4.9	6.0	4.9	6.0	4.9	7.6	6.0	4.9	6.0	4.9	6.0	4.9	6.0	4.9
80 → 120kph	4.4	3.3	4.4	3.3	4.4	3.3	5.9	4.4	3.3	4.4	3.3	4.4	3.3	4.4	3.3
Brake performance 100 → 0kph (m / ft)															

Fuel economy

City	12.7	14.9	12.7	14.9	10.6	13.6	6.9	12.7	14.9	22.5	19.7	22.5	19.7	12.7	15.4
Highway	6.5	7.5	6.5	7.5	6.4	7.8	4.8	6.5	7.5	30.1	26	30.1	26	7.2	7.9
Combined	8.8	10.2	8.8	10.2	7.9	9.9	5.6	8.8	10.2	25.4	22.1	25.4	22.1	9.2	10.6
CO_2	201	239	201	239	181	225	146	201	239					211	253