

OPTIMA

MODEL YEAR 2011

MECHANICAL SPECIFICATIONS



ENGINE	2.4L GDI PETROL
Engine type	In-line 4 cyl. DOHC GDI ¹ D-CVVT ² 16 valve
Capacity (cc)	2,359
Max power (kW @ rpm)	148 @ 6,300
Max torque (Nm @ rpm)	250 @ 4,250
Bore x stroke (mm)	88.0 x 97.0
Compression ratio	11.3 : 1
TRANSMISSION	2.4L GDI PETROL
6 speed automatic (Sportmatic-style)	●
Paddle shifter	●
GEAR RATIO	2.4L GDI PETROL A/T
1st	4.212
2nd	2.637
3rd	1.800
4th	1.386
5th	1.000
6th	0.772
Reverse	3.385
Final gear ratio	2.885
DIMENSIONS	4 DOOR SEDAN
Overall length (mm)	4,845
Overall width (mm)	1,830
Overall height (mm)	1,455
Wheelbase (mm)	2,795
Minimum ground clearance (mm)	135
Luggage space (L, VDA)	505
FUEL	2.4L GDI PETROL A/T
Fuel consumption (L/100km) – Urban *	11.2
Fuel consumption (L/100km) – Combined *	7.9
Fuel consumption (L/100km) – Extra-urban *	6.0
CO ₂ emission (g/km) – Urban	266
CO ₂ emission (g/km) – Combined	189
CO ₂ emission (g/km) – Extra-urban	144
EURO emission compliant	IV
Active ECO system	●
Fuel type recommended	Regular unleaded **
Fuel tank capacity (L)	70
WEIGHT	2.4L GDI PETROL A/T
Max. kerb weight (kg) - including a driver's weight 75kg	1,551
Gross weight (kg)	2,030

^ Subject to State regulations and towbar design

Premium paint at additional cost

● = Standard
 - = Not available
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 ** = E10 Compatible

¹ GDI - Gasoline Direct Injection
² D-CVVT - Dual Continuous Variable Valve Timing
³ EBD - Electronic Brake Distribution

⁴ BAS - Brake Assist System
⁵ TCS - Traction Control System
⁶ IMS - Integrated Memory System

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TOWING CAPACITY	2.4L GDI PETROL A/T
Towing capacity unbraked (kg)	650
Towing capacity braked (kg)	Refer to website
Max. towball download (kg)	Refer to website

FEATURE LIST

STEERING, BRAKES & SUSPENSION	PLATINUM
Power steering system	Hydraulic
Energy absorbing steering column	●
Tilt & telescopic adjustable steering column	●
Minimum turning circle (m)	10.9
Front brakes	12.6" ventilated disc
Rear brakes	11.2" solid disc
Front suspension	McPherson strut (High-performance dampers)
Rear suspension	Multi-link (High-performance dampers)
WHEELS & TYRES	PLATINUM
Wheel type	Alloy
Wheel size	18"
Tyres	225/45 R18
Spare wheel type	Full size alloy
SAFETY	PLATINUM
ACTIVE SAFETY	PLATINUM
ABS (Anti-lock Braking System) with EBD ³ & BAS ⁴	●
ESC (Electronic Stability Control) with TCS ⁵	●
HAC (Hill-start Assist Control)	●
Seatbelt warning chime & light on all positions	●
Reverse parking sensors	●
Rear view camera with mirror display & parking guidelines	●
Electrochromic rear view mirror (auto dimming)	●
High-mounted rear stop light	●
LED daytime running light (DRL)	●
Dusk-sensing automatic headlamps	●
Static cornering lamps	●
Front & rear fog lamps	●
Speed sensing auto door lock	●
Child restraint anchorage points (3)	●
3-point ELR seatbelts on all positions	●
PASSIVE SAFETY	PLATINUM
Driver & front passenger SRS airbags	●
Front side SRS airbags (pelvis & thorax protection)	●

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FEATURE LIST (CONTINUED)



Curtain SRS airbags (head & upper torso protection)	●
Front seatbelt pre-tensioners with load limiters	●
Active front headrests	●
Side door impact beams (front & rear)	●
Child-proof rear door locks	●
Impact sensing auto door unlocking	●
SECURITY	PLATINUM
Battery saver	●
Anti-theft immobiliser	●
Remote central locking with keyless entry & trunk release	●
Smart key with push button start	●
Headlamp escort function	●
Remote fuel lid release	●
SEATING	PLATINUM
Seat capacity	5
Leather trim	●
Wood look interior trim	●
Driver's seat lumbar support (powered)	●
8-way power driver's seat	●
IMS ⁶ driver's seat with 2 seating position memory & easy access function	●
4-way power front passenger's seat	●
Split fold flat rear seats (60:40)	●
Rear centre armrest	●
Height adjustable headrests (all seats)	●
Height adjustable front seatbelts	●
EXTERIOR FEATURES	PLATINUM
Black chrome two-tone 'Schreyer' radiator grille	●
Body coloured sport bumpers	●
Body coloured door handles with chrome accents	●
Body coloured outside door mirrors	●
Electric folding mirrors (heated)	●
Outside mirror mounted side indicators	●
Rear spoiler	●
HID type front headlamps with washer	●
LED rear combination lamps	●
Dual chrome tip rear muffler	●
Panoramic sunroof (powered)	●
Tinted glass	●
Windscreen with sunband	●
Front intermittent wiper & washer (variable / 2-speed)	●
Aero-blade type front wipers	●

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FEATURE LIST (CONTINUED)



INTERIOR FEATURES	PLATINUM
Cruise control with steering wheel mounted controls	●
Leather wrapped steering wheel & shift knob	●
Colour TFT Supervision instrument cluster	●
Dual trip meter	●
7 function trip computer	●
User selectable options (Auto door lock/unlock, headlamp escort, easy access, etc.)	●
Steering wheel position indicator	●
Digital clock	●
Ambient temperature display	●
Front power windows auto up & down with safety function	●
Alloy door scuff panels with illumination	●
Alloy sports pedals	●
Driver's foot rest	●
Metal look interior door handles	●
Interior lights (front & rear)	●
Interior light delay out	●
Mood lamps (door/centre fascia trim)	●
Rear window defroster with timer	●
2 x 12 volt power outlets	●
Cigarette lighter and ashtray	●
Driver & passenger sunvisors with vanity mirrors	●
Sunvisor illuminations & extensions	●
STORAGE	PLATINUM
4 x cup holders (front & rear)	●
4 x bottle holders (front & rear doors)	●
Map pockets in front & rear doors	●
Sunglass holder	●
Glovebox with lock & illumination	●
Cooling glovebox	●
Centre console storage	●
Front seat back pockets	●
AUDIO	PLATINUM
MP3 compatible CD player with AM/FM tuner	●
6 CD changer	●
Premium sound system (Infinity® brand)	●
7 speakers (front door, rear door, front tweeters & centre speaker)	●
External amp & sub-woofer	●
AUX/USB input with iPod® compatibility	●
Bluetooth functionality (phone/media stream)	●
Steering wheel mounted audio controls	●

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FEATURE LIST (CONTINUED)



SDVC (Speed Dependent Volume Control)	●
Glass antenna	●
VENTILATION	PLATINUM
Dual-zone climate control air-conditioning	●
Rear air vent	●
Ventilated driver's seat	●
Front seat warmers	●

COLOURS

EXTERIOR COLOURS	PLATINUM
Snow White Pearl (SWP) #	●
Bright Silver (3D) #	●
Ebony Black (EB)	●
Platinum Graphite (ABT) #	●
Satin Metal (STM) #	●
Santorini Blue (HO) #	●
Spicy Red (IY) #	●
INTERIOR COLOURS	PLATINUM
Black (VA)	●

DISCLAIMER

Specifications apply to 2011 model year Optima. Kia Motors Australia reserves the right to discontinue or change the models, features, specifications, options, designs and prices of products referred to in this sheet without incurring any liability whatsoever to any purchaser or prospective purchaser of any such products. Some of the items herein are optional at additional cost.

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