

ALL-NEW OPTIMA

MODEL YEAR 2016

MECHANICAL SPECIFICATIONS

 The Power to Surprise

ENGINE	2.4L GDI PETROL	2.0L T-GDI PETROL
Engine type	In-line 4 cyl. DOHC GDI ¹ D-CVVT ² 16 valve	In-line 4 cyl. DOHC T-GDI ³ D-CVVT ² 16 valve
Capacity (cc)	2,359	1,998
Max power (kW @ rpm)	138 @ 6,000	180 @ 6,000
Max torque (Nm @ rpm)	241 @ 4,000	350 @ 1,400 ~ 4,000
Bore x stroke (mm)	88.0 x 97.0	86.0 x 86.0
Compression ratio	11.3 : 1	10 : 1
TRANSMISSION	2.4L GDI PETROL	2.0L T-GDI PETROL
6-speed automatic (Sports-matic)	●	●
GEAR RATIO	6 SPEED A/T	6 SPEED A/T
1st	4.212	4.766
2nd	2.637	2.946
3rd	1.800	1.917
4th	1.386	1.420
5th	1.000	1.000
6th	0.772	0.772
Reverse	3.385	3.393
Final gear ratio	2.885	2.885
DIMENSIONS	4 DOOR SEDAN	
Overall length (mm)	4,855	
Overall width (mm)	1,860	
Overall height (mm)	1,465	
Wheelbase (mm)	2,805	
Minimum ground clearance (mm)	135	
Luggage space (L, VDA)	510	
Luggage space (L, SAE)	450	
FUEL	2.4L GDI PETROL	2.0L T-GDI PETROL
Fuel consumption (L/100km) – Combined *	8.3	8.5
Fuel consumption (L/100km) – Urban *	12.0	12.5
Fuel consumption (L/100km) – Extra-urban *	6.2	6.3
CO ₂ emission (g/km) – Combined	194	199
CO ₂ emission (g/km) – Urban	278	291
CO ₂ emission (g/km) – Extra-urban	144	146
EURO emission compliant	V	V
Hood insulator	●	
Fuel type recommended	Regular unleaded **	
Fuel tank capacity (L)	70	

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 – = Not available
 * = ADR81/02
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¹ GDI = Gasoline Direct Injection
² D-CVVT = Dual Continuous Variable Valve Timing
³ T-GDI = Turbo Gasoline Direct Injection
⁴ MDPS = Motor Driven Power Steering

⁵ DMS = Drive Mode Select
⁶ EBD = Electronic Brake Distribution
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WEIGHT	2.4L GDI PETROL	2.0L T-GDI PETROL
Tare weight (kg)	1,540	1,605
Max. kerb weight (kg)	1,585	1,650
Gross weight (kg)	2,060	2,120
TOWING CAPACITY [^]	2.4L GDI PETROL	2.0L T-GDI PETROL
Towing capacity unbraked (kg)	750	700
Towing capacity braked (kg)	1,700	1,400
Max. towball download (kg)	80	80
MODEL VARIANT	2.4L GDI PETROL	2.0L T-GDI PETROL
Si	●	-
GT	-	●

FEATURE LIST

STEERING, BRAKES & SUSPENSION	Si	GT
Power steering system (Electric power steering)	Column-mounted MDPS ⁴	Rack-mounted MDPS ⁴
DMS ⁵ system (3 modes - Normal, Sport, Eco)	●	●
Energy absorbing steering column	●	●
Tilt & telescopic adjustable steering column	●	●
Front brakes	320mm ventilated disc	
Rear brakes	284mm solid disc	
Electronic parking brake with Auto Hold	●	
Front suspension	McPherson strut	
Rear suspension	Multi-link	
Minimum turning circle (m)	10.9	
WHEELS & TYRES	Si	GT
Wheel type	Alloy	Alloy
Wheel size	17"	18"
Tyres	215/55 R17 Continental ContiPremiumContact5	235/45 R18 Michelin Pilot Sport 3
TPMS (Tyre Pressure Monitoring System)	-	●
Spare wheel type	Full size alloy	Full size alloy
SAFETY	Si	GT
Active Safety		
ABS (Anti-lock Braking System) with EBD ⁶ & BA ⁷	●	●
ESC (Electronic Stability Control) with TCS ⁸	●	●
VSM (Vehicle Stability Management)	●	●
HAC (Hill-start Assist Control)	●	●
ESS (Emergency Stop Signal)	●	●

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SAFETY (CONTINUED)	Si	GT
Seatbelt warning chime & light on all positions	●	●
Front and rear parking sensors with dash display	●	●
Rear view camera with in-audio screen display & dynamic parking guidelines	●	●
Electrochromic rear view mirror (auto dimming)	●	●
BSD (Blind Spot Detection) & LCA (Lane Change Assist)	-	●
RCTA (Rear Cross Traffic Alert)	-	●
LDWS (Lane Departure Warning System)	●	●
AEB (Autonomous Emergency Braking)	●	●
High-mount rear stop light	●	●
LED front fog lights	●	-
LED Daytime Running Lights (DRL)	●	●
AFLS (Adaptive Front Lighting System)	-	●
HBA (High Beam Assist)	●	●
Dusk-sensing automatic headlights	●	●
Static cornering lights	●	-
Speed sensing auto door lock	●	●
Child restraint anchorage points (3 × anchors / 2 × ISOFIX positions)	●	●
3-point ELR seatbelts on all positions	●	●
Passive Safety		
Driver & front passenger SRS airbags	●	●
Front side SRS airbags	●	●
Curtain SRS airbags	●	●
Front seatbelt pre-tensioners with load limiters	●	●
Side door impact beams	●	●
Impact sensing auto door unlocking	●	●
SECURITY	Si	GT
Anti-theft immobiliser	●	●
Remote central locking with keyless entry & boot release	●	●
Folding key	●	-
Smart key with push button start	-	●
Burglar alarm with security indicator	●	●
Headlamp escort function	●	●
Remote fuel lid release	●	●
SEATING	Si	GT
Seat capacity	5	5
Cloth trim seats	●	-
Leather† appointed seats with contrast stitching & GT logo	-	●

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SEATING (CONTINUED)	SI	GT
6-way front seats incl. height adjust (pumping device)	●	-
Driver's seat 2-way lumbar support (powered)	●	-
8-way power driver's seat with 4-way lumbar support	-	●
IMS ⁹ driver's seat with 2 seating position memory & easy access function	-	●
8-way power front passenger's seat with 2-way lumbar support	-	●
Split fold flat rear seats (60:40)	●	●
Rear centre armrest	●	●
Height adjustable headrests (all seats)	●	●
Height adjustable front seatbelts	●	●
EXTERIOR FEATURES	SI	GT
Chrome 'Schreyer' grille surround	●	●
Body coloured bumpers	●	●
Sports package (front & rear bumper, red brake calipers, black gloss side sill)	-	●
Body coloured door handles with chrome accents	●	●
Body coloured outside door mirrors	●	●
Electric folding outside door mirrors with automatic folding function	●	●
Outside mirror mounted side indicators	●	●
Dual projector HID headlamps with washer & auto levelling	●	-
Bi-Xenon HID headlamps with washer & auto levelling	-	●
Smart trunk (auto release)	-	●
LED rear combination lights	-	●
Dual chrome tip rear muffler	●	●
Panoramic sunroof (powered)	-	●
Solar glass	●	●
Windscreen with sunband	●	●
Front wiper & washer (variable intermittent / 2-speed)	●	●
Aero-blade type front wipers	●	●
Rain sensing front wipers	●	●
INTERIOR FEATURES	SI	GT
ASCC (Advanced Smart Cruise Control) with steering wheel mounted controls	●	●
Premium steering wheel & shift knob	●	●
Flat-bottom perforated leather [†] sports steering wheel with GT logo	-	●
Heated steering wheel	-	●
Paddle shifters	●	●
Mono-type LCD instrument cluster	●	-
Colour TFT Supervision instrument cluster	-	●
Multi-function trip computer	●	●

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INTERIOR FEATURES (CONTINUED)	Si	GT
User selectable options (Auto door lock/unlock, headlamp escort, one touch turn, etc.)	●	●
Steering wheel position indicator	●	●
Digital clock in audio screen display	●	●
Ambient temperature display	●	●
Front power windows auto up & down with safety function	●	●
Alloy door scuff panels	-	●
Alloy sports pedals	-	●
Driver's foot rest	●	●
Metal look interior trim accents (vent surrounds & door handles)	●	●
Black high gloss trim (console & door)	●	-
Aluminum trim (console)	-	●
Interior lights (front & rear)	●	●
Interior light delay out	●	●
Rear window defroster with timer	●	●
2 x 12V power outlets (1 x front console & 1 x behind centre console)	●	●
USB charger (behind centre console)	●	●
Cigar lighter & ash tray	●	-
Wireless phone charging (Qi) ***	-	●
Rear door sunshade blinds	-	●
Driver & passenger sunvisors with illuminated vanity mirrors & sliding function	●	●
STORAGE	Si	GT
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	●	●
Luggage hooks & net	-	●
Centre console storage box with bucket tray	●	●
Front seat back pockets	●	●
AUDIO	Si	GT
MP3 compatible audio player with AM/FM tuner	●	●
6 speakers (front door, rear door & front tweeters)	●	-
10 speaker premium sound system - harman/kardon® brand (6 speakers, 2 tweeters, centre speaker & subwoofer all powered by an external amplifier)	-	●
Satellite navigation multimedia system with traffic information (SUNA™)	●	●
7" colour LCD touch screen	●	-
8" colour LCD touch screen	-	●

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AUDIO (CONTINUED)	Si	GT
AUX/USB input with iPod® compatibility (on selected iPod® models)	●	●
Bluetooth® functionality (phone/media stream) ‡	●	●
Steering wheel mounted audio controls	●	●
SDVC (Speed Dependent Volume Control)	●	●
Shark fin antenna	●	●
VENTILATION	Si	GT
Dual-zone climate control air-conditioning with Clean Air module	●	●
In-audio screen climate control display	●	●
Auto defog system	●	●
Rear air vents	●	●
Ventilated & heated front seats	-	●

COLOURS

EXTERIOR COLOURS	Si	GT
Clear White (UD)	●	●
Snow White Pearl (SWP) #	-	●
Silky Silver (4SS) #	●	●
Aurora Black (ABP) #	-	●
Platinum Graphite (ABT) #	●	●
Gravity Blue (B4U) #	●	●
Temptation Red (K3R) #	●	●
INTERIOR COLOURS	Si	GT
Black interior trim	●	-
Black interior trim with red stitching	-	●
Red interior trim with dark grey stitching	-	Optional: SWP/ABT/ABP

Premium paint at additional cost

DISCLAIMER

Specifications apply to 2016MY 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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