

CARENS
VEHICLE SPECIFICATION 2009



KIA MOTORS
The Power to Surprise™

CARENS MODEL FEATURES

Appearance and Audio

DESCRIPTION	EX	GSE
16" alloy wheels	X	X
Front and rear mud guards	X	X
Chrome accent waist line moulding	X	X
Chrome accent radiator grille	X	X
Roof rack and rails	X	X
Body coloured bumpers	X	X
Chrome accent exterior door handles	X	X
Front fog lamps	X	X
Metallic finish centre console	X	X
Built in CD/MP3 RDS audio	X	X
Rear roof-mounted aerial	X	X
Six speakers	X	X

Comfort and Convenience

DESCRIPTION	EX	GSE
Remote central door locking with immobiliser	X	X
Power steering	X	X
Steering wheel tilt adjustment	X	X
Remote boot release	X	X
Leather covered steering wheel	X	X
Leather covered gear lever	X	X
Full leather upholstery	-	X
Premium cloth upholstery	X	-
Heated front seats	-	X
Lumbar support, front	X	X
Front seatback pockets	X	X
Front seat slide / recline / height adjust	X	X
2nd row – 60 : 40 split fold	X	X
3rd row – 50 : 50 split fold & dive flat seats	X	X
Front passenger seat under-tray storage	X	X
Shopping bag hook (front passenger side)	X	X
Sunvisors with covered illuminated vanity mirrors	X	X
Remote fuel flap release	X	X
Door scuff guards	X	X
Grab handles x 3	X	X
Front cup holders	X	X
Rear cup holders	X	X
12V power outlets x 2 (front & rear)	X	X
Front ashtray with illumination	X	X
Rear ashtray	X	X
Cigarette lighter	X	X
Overhead console with sunglass storage & map lamps	X	X
Ignition key in warning chime	X	X
Centre armrest with storage box	X	X
Cruise control	-	X
Trip computer	-	X



Safety and Security

DESCRIPTION	EX	GSE
ABS with EBD	X	X
Driver & passenger airbags	X	X
Twin side & full length curtain airbags	X	X
Front and rear disc brakes	X	X
Active head restraints (front)	X	X
Foot type parking brake	X	X
Driver / passenger seatbelt reminder chime	X	X
Front seatbelt pre-tensioners with load limiters	X	X
3 x 3-point belts – all occupants	X	X
Child proof rear door locks	X	X
Rear ISOFIX anchor points	X	X
Side impact protection system	X	X
Height adjustable front seatbelts	X	X
Height adjustable front head restraints	X	X
Height adjustable rear head restraints	X	X
Front and rear side impact beams	X	X
Engine immobiliser	X	X
Safety power windows, front	X	X
Auto down driver's electric window	X	X
Windscreen wiper de-icer	X	X

Ventilation and Visibility

DESCRIPTION	EX	GSE
Air conditioning	X	X
Cabin air filter	X	X
Front electric windows	X	X
Rear electric windows	X	X
Body coloured electrically adjustable and heated door mirrors	X	X
Variable intermittent front wipers	X	X
Intermittent rear wiper	X	X
Heated rear window	X	X
Projection head lamp	X	X
Courtesy room light	X	X



2.0 7-seater

2.0 CRDi 7-seater

Engine Type	4 cylinder DOHC – CVVT	CRDi Diesel VGT
Capacity (cc)	1,998	1,991
Max power (bhp/kw @ rpm)	142/106.3 @ 6,000	138/103.0 @ 4,000
Max Torque (Nm @ rpm)	189 @ 4,250	305 @ 1,800 – 2,500
Bore/Stroke (mm)	86.0 / 86.0	83.0 / 92.0
Compression Ratio	10.5:1	17.3:1
Emission Control	Euro IV	Euro IV
Transmission	5-speed manual	6-speed manual
Body Style	Hatchback	Hatchback
EXTERIOR DIMENSIONS		
Overall length (mm)	4,545	4,545
Overall width (inc. mirrors) (mm)	1,820	1,820
Overall height (inc. roof rails) (mm)	1,720	1,720
Wheelbase (mm)	2,700	2,700
Wheel tread – front (mm)	1,573	1,573
Wheel tread – rear (mm)	1,569	1,569
INTERIOR DIMENSIONS		
Length (mm)	2,562	2,562
Width (mm)	1,500	1,500
Height (mm)	1,265	1,265
Max front headroom (mm)	1,043	1,043
Max middle headroom (mm)	1,015	1,015
Max rear headroom (mm)	887	887
Max front shoulder room (mm)	1,464	1,464
Max middle shoulder room (mm)	1,445	1,445
Max rear shoulder room (mm)	1,301	1,301
Max front legroom (mm)	1,042	1,042
Max middle legroom (mm)	975	975
Max rear legroom (mm)	800	800
Boot space – all seats upright (litres)	74	74
Boot space – 3rd row seats folded (litres)	414	414
Boot space – 2nd and 3rd row seats folded (litres)	2,106	2,106
SPECIFICATIONS		
Min kerb weight (kg)	1,547	1,657
Gross vehicle weight (kg)	2,135	2,255
Max towing weights (kg) with brakes	1,500	1,500
Max towing weights (kg) without brakes	700	700
Fuel tank capacity (litres)	55	55
Minimum ground clearance (mm)	156	156
Gear Ratio 1	3.636	3.615
Gear Ratio 2	2.08	1.794
Gear Ratio 3	1.296	1.542
Gear Ratio 4	1.061	1.176
Gear Ratio 5	0.821	0.974
Gear Ratio 6	0	0.829
SUSPENSION, STEERING & BRAKES		
Front suspension	MacPherson struts with coil spring & anti-roll bar	MacPherson struts with coil spring & anti-roll bar
Front anti-roll bar	Torsion bar type	Torsion bar type
Rear suspension	Multi-link	Multi-link
Rear Springs Type	Multi-link with coil springs	Multi-link with coil springs
Steering system	Hydraulic power assisted rack and pinion	Hydraulic power assisted rack and pinion
Turning circle	10.8m	10.8m
Anti-lock braking system	Hydraulic, vacuum power assisted	Hydraulic, vacuum power assisted
Front brakes	280mm x 26mm, ventilated discs	280mm x 26mm, ventilated discs
Rear brakes	275mm x 10mm, solid discs	275mm x 10mm, solid discs
Parking brake	Foot operated mechanical	Foot operated mechanical
PERFORMANCE		
Maximum speed (kph)	190	187
Acceleration 0-100 kph (seconds)	11.0	11.0
FUEL CONSUMPTION (OFFICIAL GOVT. TEST FIGURES)		
Urban (cold) l/100km	10.8	7.8
Extra urban l/100km	6.6	5.2
Combined l/100km	8.1	6.1
Emissions CO ₂ g/km	193	163
	Every 15,000km or 1 year, whichever is sooner	Every 15,000km or 1 year, whichever is sooner

2.0 CRDi 7-seater Automatic

Engine Type	CRDi SOHC Diesel VGT
Capacity (cc)	1,991
Max power (bhp/kw @ rpm)	138/103.0 @ 4,000
Max Torque (Nm @ rpm)	305 @ 1,800 – 2,500
Bore/Stroke (mm)	83.0 / 92.0
Compression Ratio	17.3:1
Emission Control	Euro IV
Transmission	4-speed automatic
Body Style	MPV
Seats	7 seats
DIMENSIONS	
Overall length (mm)	4,545
Overall width (inc. mirrors) (mm)	1,820
Overall height (inc. roof rails) (mm)	1,720
Wheelbase (mm)	2,700
Wheel tread – front (mm)	1,573
Wheel tread – rear (mm)	1,569
INTERIOR DIMENSIONS	
Length (mm)	2,562
Width (mm)	1,500
Height (mm)	1,265
Max front headroom (mm)	1,043
Max middle headroom (mm)	1,015
Max rear headroom (mm)	887
Max front shoulder room (mm)	1,464
Max middle shoulder room (mm)	1,445
Max rear shoulder room (mm)	1,301
Max front legroom (mm)	1,042
Max middle legroom (mm)	975
Max rear legroom (mm)	800
Boot space – all seats upright (litres)	74
Boot space – 3rd row seats folded (litres)	414
Boot space – 2nd and 3rd row seats folded (litres)	2,106
SPECIFICATIONS	
Kerb weight (kg)	1,681
Gross vehicle weight (kg)	2,275
Max towing weights (kg) trailer with brakes	1,100
Max towing weights (kg) trailer without brakes	700
Fuel tank capacity (litres)	55
Minimum ground clearance (mm)	156
SUSPENSION, STEERING & BRAKES	
Front suspension	MacPherson struts with coil spring & anti-roll bar
Front anti-roll bar	Torsion bar type
Rear suspension	Multi-link
Rear Springs Type	Coil springs
Steering system	Hydraulic power assisted rack and pinion
Turning circle	10.8m
Anti-lock braking system	Hydraulic, vacuum power assisted
Front brakes	280mm x 26mm, ventilated discs
Rear brakes	275mm x 10mm, solid discs
Parking brake	Foot operated mechanical
PERFORMANCE	
Maximum speed (kph)	187
Acceleration 0-100 kph (seconds)	12.6
FUEL CONSUMPTION (OFFICIAL GOVT. TEST FIGURES)	
Urban (cold) l/100km	9.6
Extra urban l/100km	5.8
Combined l/100km	7.2
Emissions CO ₂ g/km	191
	Every 15,000km or 1 year, whichever is sooner



*Models shown may not be Irish specification. All information and illustrations are based on data available at time of publication (April 2008) and are subject to change without notice. Contact your local Kia dealer for current information.



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