

RIO

MODEL YEAR 2012

MECHANICAL SPECIFICATION



ENGINE	1.4L MPI PETROL		1.6L GDI PETROL	
Engine type	In-line 4 cyl. DOHC MPI ¹ CVVT ² 16 valve		In-line 4 cyl. DOHC GDI ³ D-CVVT ⁴ 16 valve	
Capacity (cc)	1,396		1,591	
Max power (kW @ rpm)	79 @ 6,300		103 @ 6,300	
Max torque (Nm @ rpm)	135 @ 4,200		167 @ 4,850	
Bore x stroke (mm)	74.0 x 75.0		77.0 x 85.4	
Compression ratio	10.5 : 1		11 : 1	
TRANSMISSION	1.4L MPI PETROL		1.6L GDI PETROL	
6 speed manual	●		●	
4 speed automatic (Manu-matic)	Optional		-	
6 speed automatic (Manu-matic)	-		Optional	
GEAR RATIO	6 SPEED M/T	4 SPEED A/T	6 SPEED M/T	6 SPEED A/T
1st	3.769	2.919	3.769	4.400
2nd	2.045	1.551	2.045	2.726
3rd	1.286	1.000	1.286	1.834
4th	1.036	0.713	1.036	1.392
5th	0.893	-	0.893	1.000
6th	0.774	-	0.774	0.774
Reverse	3.700	2.480	3.700	3.440
Final gear ratio	3.833	4.375	3.833	3.270
DIMENSIONS	5 DOOR HATCH			
Overall length (mm)	4,045			
Overall width (mm)	1,720			
Overall height (mm)	1,455			
Wheelbase (mm)	2,570			
Minimum ground clearance (mm)	140			
Luggage space (rear seats up) (L, VDA)	288			
Luggage space (rear seats down) (L, VDA)	923			
FUEL	1.4L MPI PETROL M/T	1.4L MPI PETROL A/T	1.6L GDI PETROL M/T	1.6L GDI PETROL A/T
Fuel consumption (L/100km) – Urban *	7.7	8.2	7.7	8.4
Fuel consumption (L/100km) – Combined *	5.7	6.3	5.6	6.1
Fuel consumption (L/100km) – Extra-urban *	4.5	5.2	4.4	4.7
CO ₂ emission (g/km) – Urban	183	194	184	199
CO ₂ emission (g/km) – Combined	135	150	133	145
CO ₂ emission (g/km) – Extra-urban	107	125	104	113
EURO emission compliant	IV	IV	IV	IV
Fuel type recommended	Regular unleaded **			
Fuel tank capacity (L)	43			

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 ** = E10 Compatible
¹MPI = Multi-Point Injection
²CVVT = Continuous Variable Valve Timing
³GDI = Gasoline Direct Injection

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WEIGHT	1.4L MPI PETROL M/T	1.4L MPI PETROL A/T	1.6L GDI PETROL M/T	1.6L GDI PETROL A/T
Max. kerb weight (kg) - including a driver's weight 75kg	1,143	1,170	1,179	1,215
Gross weight (kg)	1,570	1,600	1,600	1,630
TOWING CAPACITY [^]	1.4L MPI PETROL M/T	1.4L MPI PETROL A/T	1.6L GDI PETROL M/T	1.6L GDI PETROL A/T
Towing capacity unbraked (kg)	450	450	450	450
Towing capacity braked (kg)	1,050	850	1150	950
Max. towball download (kg)	50	50	50	50
MODEL VARIANT	1.4L MPI PETROL M/T	1.4L MPI PETROL A/T	1.6L GDI PETROL M/T	1.6L GDI PETROL A/T
S	●	●	-	-
Si	-	-	●	●
SLi	-	-	●	●

FEATURE LIST

STEERING, BRAKES & SUSPENSION	S	Si	SLi
Power steering system	MDPS ⁵ (Electric power steering)	MDPS ⁵ (Electric power steering)	MDPS ⁵ (Electric power steering)
Energy absorbing steering column	●	●	●
Tilt & telescopic adjustable steering column	●	●	●
Minimum turning circle (m)	10.5	10.5	10.5
Front brakes	10.1" ventilated disc	10.1" ventilated disc	11.0" ventilated disc
Rear brakes	10.3" solid disc	10.3" solid disc	10.3" solid disc
Front suspension	McPherson strut	McPherson strut	McPherson strut
Rear suspension	Coupled torsion beam axle	Coupled torsion beam axle	Coupled torsion beam axle
WHEELS & TYRES	S	Si	SLi
Wheel type	Steel	Alloy	Alloy
Wheel size	15"	16"	17"
Tyres	185/65 R15	195/55 R16	205/45 R17 Continental
Spare wheel type	Full size steel	Full size alloy	Full size alloy
SAFETY	S	Si	SLi
ACTIVE SAFETY	S	Si	SLi
ABS (Anti-lock Braking System) with EBD ⁶ & BA ⁷	●	●	●
ESC (Electronic Stability Control) with TCS ⁸	●	●	●
VSM (Vehicle Management System)	●	●	●
HAC (Hill-start Assist Control)	●	●	●
Seatbelt reminders on all positions	●	●	●
Rear view mirror (day & night)	●	●	●
High-mounted rear stop light	●	●	●
Dusk-sensing automatic headlamps	-	-	●

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Front fog lamps	-	●	●
Door open warning light	●	●	●
Speed sensing auto door lock	●	●	●
Child restraint anchorage points (3)	●	●	●
3-point ELR seatbelts on all positions	●	●	●
PASSIVE SAFETY	S	Si	SLi
Driver & front passenger SRS airbags	●	●	●
Front side SRS airbags (pelvis & thorax protection)	●	●	●
Curtain SRS airbags (head protection)	●	●	●
Front seatbelt pre-tensioners with load limiters	●	●	●
Side door impact beams (front & rear)	●	●	●
Child-proof rear door locks	●	●	●
Impact sensing auto door unlocking	●	●	●
SECURITY	S	Si	SLi
Battery saver	●	●	●
Anti-theft immobiliser	●	●	●
Remote central locking with keyless entry & tailgate release	●	●	●
Folding key x 2	●	●	●
Remote fuel lid release	●	●	●
SEATING	S	Si	SLi
Seat capacity	5	5	5
Tricot cloth trim seats	●	●	●
6-way driver's seat incl. height adjust (pumping device)	●	●	●
Front centre console armrest (with sliding function)	-	●	●
Split fold rear seats (60:40)	●	●	●
Height adjustable headrests (all seats)	●	●	●
Height adjustable front seatbelts	●	●	●
EXTERIOR FEATURES	S	Si	SLi
Chrome 'Schreyer' radiator grille	●	●	●
Body coloured bumpers	●	●	●
Body coloured door handles	●	●	●
Body coloured outside mirrors	●	●	●
Electric outside mirrors (heated)	●	●	●
Outside mirror mounted side indicators	-	●	●

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Rear spoiler	●	●	●
LED daytime running light (DRL) with Static cornering lamps [#]	-	-	●
LED rear combination lamps	-	-	●
Tinted glass	●	●	●
Front intermittent wiper & washer (variable/2-speed)	●	●	●
Rear intermittent wiper & washer (1-speed)	●	●	●
INTERIOR FEATURES	S	Si	SLi
Cruise control with steering wheel mounted controls	-	●	●
Leather wrapped steering wheel & shift knob	-	●	●
Supervision instrument cluster	-	●	●
6 function trip computer	●	●	●
Vehicle information options & maintenance	-	●	●
Manual shift indicator (M/T only)	M/T only	M/T only	M/T only
ECO indicator (A/T only)	A/T only	A/T only	A/T only
Digital clock	●	●	●
Date display	●	●	●
Ambient temperature display	●	●	●
Power windows (front & rear)	●	●	●
Driver's window auto up & down with safety function	●	●	●
Driver's foot rest	●	●	●
Metal look interior trim (console, fascia, door handles)	-	●	●
Soft-touch dash/fascia material	-	●	●
Interior light with delay out	●	●	●
Front map lamps	-	●	●
Rear window defroster with timer	●	●	●
2 x 12 volt power outlet (front console)	●	●	●
Driver & passenger sunvisors with vanity mirrors & illumination	-	●	●
STORAGE	S	Si	SLi
Twin cup holders centre console	●	●	●
4 x bottle holders (front & rear doors)	●	●	●
Map pockets in front doors	●	●	●
Glovebox with illumination	●	●	●
Floor console storage	●	-	-

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Centre console storage bin	-	●	●
Front seat back pockets	●	●	●
Luggage net hooks (cargo area)	●	●	●
Luggage screen	●	●	●
AUDIO	S	Si	SLi
MP3 compatible CD player with AM/FM tuner	●	●	●
4 speakers (front & rear doors)	●	●	●
Front tweeters	-	●	●
AUX/USB input with iPod® compatibility	●	●	●
Bluetooth® connectivity (phone/address book/media stream)†	●	●	●
Steering wheel mounted audio controls	●	●	●
SDVC (Speed Dependent Volume Control)	●	●	●
Virtual surround (Power Bass/Power Treble/Surround) – Arkamys® Brand	●	●	●
Roof mounted antenna	●	●	●
VENTILATION	S	Si	SLi
Air-conditioning	●	●	●

COLOURS

EXTERIOR COLOURS	S	Si	SLi
Clear White (UD)	●	●	●
Bright Silver (3D)**	●	●	●
Graphite (ABT)**	●	●	●
Midnight Black (9B)**	●	●	●
Signal Red (BEG)**	●	●	●
Deep Blue (BLA)**	●	●	●
Latte (FDP)**	●	●	●
Mocha (DBS)**	●	●	●
Electric Blue (FBD)**	●	●	●
Rich Caramel (F2G)**	●	●	●
INTERIOR COLOURS	S	Si	SLi
Black (HU)	●	●	●

**Premium paint at additional cost.

DISCLAIMER

Specifications apply to 2012 model year Rio. 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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