

2010 KIA SOUL SPECIFICATIONS

GENERAL INFO	
Body configuration	C-segment passenger vehicle
Body type	Steel unibody
Drivetrain layout	Front engine, front drive
Passenger capacity	5

ENGINE	1.6L	2.0L
Type	Inline, four-cylinder, aluminum block and head	
Valve gear	DOHC, four valves/cylinder w/ Continuously Variable Valve Timing (CVVT)	
Horsepower (hp @ rpm)	122 @ 6300	142 @ 6000
Torque (lb-ft @ rpm)	115 @ 4200	137 @ 4600
Bore x stroke (mm)	77.0 x 85.4	82.0 x 93.5
Displacement (cc)	1591	1975
Compression ratio	10.5:1	10.1:1
Emissions rating	50-state: ULEV2 Tier-1 (Bin 5)	
Fuel tank capacity (gal.)	12.7	
Coolant capacity (qt.)	5.2	6.4
Engine oil capacity (qt.)	3.9	4.0

DRIVETRAIN	1.6L	2.0L	
Transmission	Five-speed manual, overdrive	Five-speed manual, overdrive; Electronically controlled four-speed automatic, overdrive	
Gear ratios :1	M/T	M/T	A/T
1 st	3.615	3.308	2.919
2 nd	1.962	1.962	1.551
3 rd	1.286	1.189	1.000
4 th	0.971	0.951	0.713
5 th	0.839	0.778	--
Reverse	3.545	3.583	2.480
Final drive	4.267	4.188	4.375
Clutch type	Single dry plate w/ hydraulic control	Single dry plate w/ hydraulic control	Torque converter

SUSPENSION	
Front	Independent, MacPherson struts, coil springs, gas shock absorbers, stabilizer bar
Rear	Torsion beam, coil springs, gas shock absorbers

STEERING	
Type	Engine-speed-sensitive, power-assisted rack-and-pinion
Steering gear ratio	15.1
Turns, lock-to-lock	2.8
Turning circle, curb-to-curb (ft.)	34.4

DIMENSIONS (in.)	
Exterior:	
Overall length	161.6
Overall width	70.3
Overall height	63.4
Wheelbase	100.4
Track, front/rear	61.8 / 62.0
Ground clearance	6.5
Interior:	
Headroom, front/rear	40.2 / 39.6
Shoulder room, front/rear	55.2 / 55.1
Legroom, front/rear	42.1 / 39.0
Hip room, front/rear	53.3 / 52.7
Interior volume (cu. ft.)	102.3
Cargo volume (cu. ft.) (rear seat down)	19.3 53.4

CURB WEIGHT (lb.)	1.6L	2.0L
Five-speed manual	2560	2800
Four-speed automatic	--	2820
Weight distribution (front/rear)	M/T: 60 / 40	M/T: 61 / 39 A/T: 62 / 38

BRAKES	
Type	Hydraulic, power-assisted vacuum (Four-sensor, four-channel ABS and ESC)
Front	11.0-inch vented discs
Rear	10.3-inch solid discs

TIRES & WHEELS	1.6L	2.0L
Tires	195/65R15	205/55R16 (Soul+) 225/45R18 (Soul!, Soul sport)
Wheels	6.0 x 15 steel	6.5 x 16 alloy (Soul+) 7.0 x 18 alloy (Soul!, Soul sport)

FUEL ECONOMY (mpg)	1.6L	2.0L
	City/Highway	
Five-speed manual	26 / 31	24 / 30
Four-speed automatic	--	24 / 30