

2010 KIA FORTE SEDAN SPECIFICATIONS

GENERAL INFO	
Body configuration	Compact sedan
Body type	Steel unibody
Drivetrain layout	Front engine, front drive
Passenger capacity	5

ENGINE	LX & EX	SX
Type	2.0-liter, inline four-cylinder, aluminum block and head	2.4-liter, inline four-cylinder, aluminum block and head
Valve gear	DOHC, four valves/cylinder w/ CVVT	DOHC, four valves/cylinder w/ CVVT
Horsepower (hp @ rpm)	156 @ 6200 (SULEV: 154 @ 6200)	173 @ 6000 (SULEV: 165 @ 6000)
Torque (lb-ft @ rpm)	144 @ 4300 (SULEV: 139 @ 4600)	168 @ 4000 (SULEV: 161 @ 4000)
Bore x stroke (mm)	86.0 x 86.0	88.0 x 97.0
Displacement (cc)	1998	2359
Compression ratio	10.5:1	
Emissions rating	50-state: LEV-II (ULEV) Tier-2 (Bin 4) CAL: LEV-II (SULEV PZEV)	
Fuel tank capacity (gal.)	13.7	
Engine oil capacity (qt.)	4.1	4.5

DRIVETRAIN	LX & EX			SX	
Transmission	Five-speed manual; Electronically controlled four- speed automatic EX w/ Fuel Economy Package: Electronically controlled five- speed automatic			Six-speed manual; Electronically controlled five- speed automatic w/ Sportmatic™	
	2.0L			2.4L	
Gear ratios (:1)	M/T	4-A/T	5-A/T	M/T	A/T
1 st	3.308	2.919	3.939	3.267	3.939
2 nd	1.962	1.551	2.093	1.931	2.093
3 rd	1.189	1.000	1.349	1.636	1.349
4 th	0.905	0.713	0.962	1.216	0.962
5 th	0.702	--	0.713	1.027	0.713
6 th	--	--	--	0.829	--
Reverse	3.583	2.480	3.347	3.588	3.347
Final drive	4.188	3.681	3.099	4.063 (1, 2, R) 2.955 (3, 4, 5, 6)	3.099
Clutch type	Single dry plate w/ hydraulic control			Dual mass flywheel w/ hydraulic control	Torque converter

SUSPENSION	
Front	Independent, MacPherson struts, coil springs, stabilizer bar
Rear	Torsion beam w/ struts, coil springs, stabilizer bar

STEERING	
Type	Engine-speed-sensitive, power-assisted rack-and-pinion
Turning circle, curb-to-curb (ft.)	33.8

DIMENSIONS (in.)	
Exterior:	
Overall length	178.3
Overall width	69.9
Overall height	57.5
Wheelbase	104.3
Track, front/rear	61.3 / 61.6
Ground clearance	5.9
Interior:	
Headroom, front/rear	40.0 / 37.8
Shoulder room, front/rear	55.7 / 54.7
Legroom, front/rear	43.3 / 35.0
Front hip room, front/rear	53.0 / 53.3
Interior volume (cu. ft.)	96.8
Cargo volume (cu. ft.)	14.7

CURB WEIGHT (lb.)	LX & EX		SX
	2.0L		2.4L
Five-speed manual	2707		--
Six-speed manual	--		2853
Four-speed automatic	2740		--
Five-speed automatic	2740		2868

BRAKES	LX & EX		SX
	Type	Hydraulic, power-assisted vacuum w/ four-sensor, four-channel ABS, ESC, BAS and EBD	
Front	11.0-inch ventilated discs	11.8-inch ventilated discs	
Rear	10.3-inch solid discs		

TIRES & WHEELS	LX & EX		SX
	Tires	195/65R15 205/55R16 (EX optional)	215/45R17
Wheels	5.5 x 15 steel 6.0 x 16 alloy (EX optional)	7.0 x 17 alloy	

FUEL ECONOMY (mpg)	LX & EX		SX
	City/Highway		
	2.0L		2.4L
Five-speed manual	25 / 34		--
Six-speed manual	--		22 / 32
Four-speed automatic	25 / 34		--
Five-speed automatic	27 / 36		23 / 31