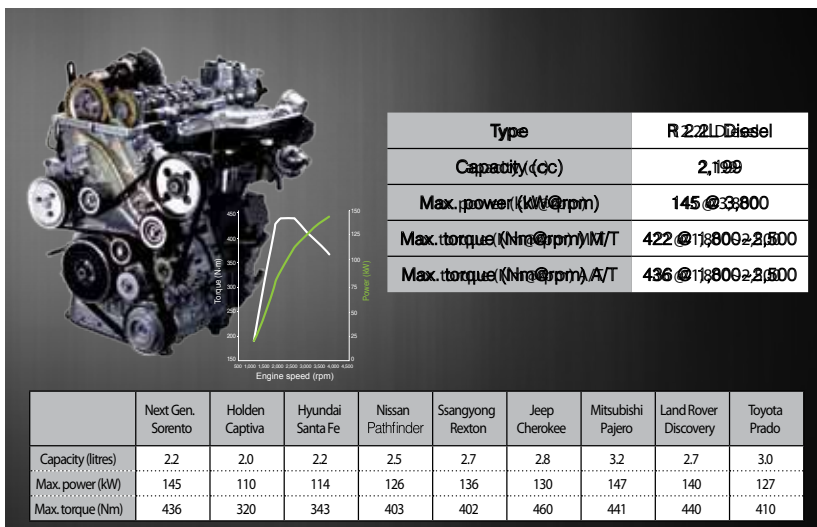


□ 2.2L R Diesel Engine



🔍 E-VGT (Electrical Variable Geometry Turbocharger)



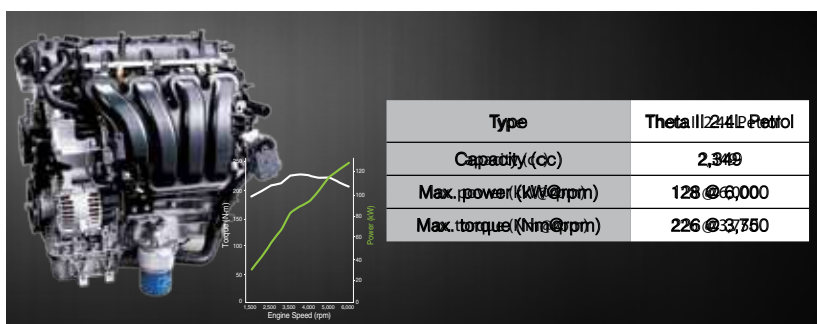
More precise turbo charger with electric actuator for better acceleration and fuel efficiency.

🔍 3rd Generation Common Rail



The 3rd Generation Commonrail system allows the engine to have higher fuel injection pressure (1,600-1,800 bar), for larger output and better fuel efficiency.

□ 2.4L Theta II Petrol Engine



🔍 Dual CVT (Continuous Variable Valve Timing)

Camshaft phases are continuously changed to reduce fuel consumption and improve performance throughout all rpm range.

D-CVVT has also helped to reduce emissions by 30%. (compared to previous Sorento)

□ Fuel Economy & Emissions

The Next Generation Sorento CRDi combined fuel consumptions has been reduced by 21% from 8.5L/100km to 6.7L/100km (compared to previous Sorento). With 70L fuel tank size, this gives the Next Generation Sorento a range of over 1,040km on a single tank.

Next Generation Sorento		Fuel Consumption (L/100km)			CO ₂ (g/km)
		Combined	Urban	Extra Urban	Combined
2.4L Theta II	2WD Auto	9.2	12.2	7.2	219
2.2L CRDi R	4WD Manual	6.7	8.7	5.5	177
	4WD Auto	7.4	9.5	6.1	194

🔍 Comparative Table of Fuel Consumption & CO₂ Emissions

Diesel Engine Models	Next Gen. Sorento	Holden Captiva	Nissan X-Trail	Hyundai Santa Fe	Petrol Engine Models	Next Gen. Sorento	Holden Captiva	Mitsubishi Outlander	Hyundai Santa Fe
Fuel Consumption Combined (L/100km)	6.7	7.2	7.5	7.2	Fuel Consumption Combined (L/100km)	9.2	11.6	9.3	10.4
CO ₂ Emissions Combined (g/km)	177	191	200	190	CO ₂ Emissions Combined (g/km)	219	278	222	248