



Information

Saab 9-4X BioPower Concept

Technical Specifications

BioPower Engine:

1998cc. Four cylinders Bore/stroke: 86.0/86.0 mm. Aluminum cylinder head and block. DOHC, chain-driven. Four valves per cylinder. Twin counter-rotating balancer shafts. Forged steel crankshaft, steel connecting rods. Aluminum pistons, oil spray cooled. Direct injection. VVT, inlet and exhaust Sodium-filled exhaust valves. Saab engine management system. Twin-scroll turbocharger, intercooled.

BioPower Engine data

Max. Boost Pressure at maximum torque:	1.2 bar
Compression Ratio:	10.5: 1
Max power (E85):	300 hp (221kW) @ 5400 rpm.
Max. torque (E85):	400Nm (295 ft.lbs.) @ 2600-5100 rpm
Max power (gasoline):	245 hp (180 kW) @ 5300 rpm.
Max. torque (gasoline):	353 Nm (260 ft.lbs.) @ 2500- 5250 rpm

Transmission:

Saab XWD ('cross wheel drive'), all-wheel-drive system. Electronic rear limited-slip differential (eLSD)
6-speed automatic transmission, steering wheel controls.

Suspension:

Front: McPherson struts. Aluminum control arm and knuckle. Anti-roll bar.
Rear: Multi-link. Aluminum H-arm and knuckle. Anti-roll bar.

Steering:

Rack and pinion, hydraulic power assistance.



Wheels, Tires:

21inch, 245/55 R21

Brakes:

Hydraulic, dual circuit, vacuum booster.

Discs front/rear: 378 mm / 378 mm (all ventilated)

Performance Data

(preliminary figures)

0 - 100 kph: 8.0 sec

0 – 60 mph: 7.9 sec

Top Speed: 235 kph (146 mph)

Fuel consumption (combined): 10.5 l/100km (22.4 mpg) on gasoline

CO2 251 g/km on gasoline

Dimensions

Length: 4776 mm/188.0 inches

Width: 2080 mm/81.9 inches (with mirrors)

Height: 1684 mm/66.3 inches

Track, front: 1658 mm/65.3 inches

Track, rear: 1644 mm/64.7 inches

Wheelbase: 2814 mm/110.8 inches

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