



Information

Saab 9-X Air

Technical Specifications

Saab BioPower Engine:

Transversely-mounted, front wheel drive

1398 cc. Four cylinders Bore/stroke: 73.4/ 82.6 mm. Aluminum cylinder head, cast iron block DOHC, chain-driven. Four valves per cylinder.

Forged steel crankshaft, steel connecting rods. Aluminum pistons, oil spray cooled.

Direct Injection with centrally-mounted injectors. VVT, inlet and exhaust

Sodium-filled exhaust valves

Compression Ratio: 10.2: 1

Intercooled turbocharger. Max. Boost Pressure: 1.6 bar

Dual-mass flywheel. Saab engine management

Max power (E85): 200 hp (147 kW) @ 5000 rpm.

Max.torque (E85): 280 Nm (207 lb.ft) @ 1750-5000 rpm

Max power (gasoline): 170 hp (125 kW) @ 5200 rpm.

Max.torque (gasoline): 230 Nm (170 lb.ft) @ 1500-5200 rpm

Hybrid System:

Electric motor/generator with lithium ion battery pack.

Electric power boost, regenerative braking, fuel cut-off, automatic engine re-start

Transmission:

6-spd manual gearbox, automated clutch, sequential gear selection, steering wheel controls



Suspension:

Front: Damper/coil struts, aluminum lower A-arm. Anti-roll bar.

Rear: Torsion beam, two trailing links, coil springs and dampers. Anti-roll bar

Steering: Rack and pinion, Electrical power assistance.

Wheels, Tires:

21inch, 245/35R21

Brakes: Hydraulic, dual circuit, vacuum booster. Discs: 345 mm / 345 mm (all ventilated)

Performance Data

(projected figures)

0 - 100 km/h (0-62 mph):	8.1 secs (E85)
80 -120 km/h (50-75 mph), 5 th gear:	8.9 secs (E85)
Top Speed:	231 km/h / 144 mph (E85)
Fuel consumption (combined cycle):	6.5 l/100km (E85) 5.0 l/100km (gasoline)
CO ₂ emissions	107 g/km (E85) 119 g/km (gasoline)

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