

# Saab BioPower

Release the power of nature.



# Freedom of choice.

When you choose a Saab BioPower model you'll make a difference. You can help reduce the contribution of carbon dioxide in the atmosphere by driving on renewable E85\* bioethanol fuel instead of petrol. And when you do so, Saab BioPower rewards you with at least 25 extra horsepower for even more spirited driving. Should E85 not be available you'll still have the possibility to choose petrol. You can have any Saab 9-3 and 9-5 model with a BioPower engine. So feel free to choose your own favourite – and feel the power of nature.

\*E85 is a mixture of about 15 per cent petrol and 85 per cent renewable bioethanol.



# A natural cause.

Driving a Saab BioPower is a statement. Even if we are still looking for the ultimate answers to our environmental challenges, you can immediately contribute to a change for the better.

Using renewable biofuels is a natural first step. E85 bioethanol fuel and the technology to distribute and utilise it exist today. By switching from use of petrol, diesel and other fossil fuels we can reduce the contribution of carbon dioxide to the atmosphere immediately.

Sweden has played a leading role in driving this development, with tax reductions, free parking and

exemption from congestion charges. Today several other countries also encourage the use of renewable biofuels.

Owning and driving a Saab BioPower model is as easy as with any other car. You simply fill up from the E85 pump, and should you run low on fuel in a place where E85 is not available you can use petrol instead. But since Saab BioPower engines deliver at least 25 extra horsepower when you drive on E85, you'll have more than one natural cause to look for the right pump at the filling station.



# A powerful solution.



Saab BioPower is an innovation that takes advantage of the natural power in E85 fuel, which contains about 85 per cent bioethanol. To utilise bioethanol as a fuel is a way to recycle the CO<sub>2</sub> emitted during combustion. While the combustion of fossil fuels alone adds more CO<sub>2</sub> to the atmosphere.

Bioethanol is produced from living carbon in the plants surrounding us. They form part of the natural carbon cycle – nature's own way of moving carbon around to facilitate life on Earth. When bioethanol is combusted the carbon is released into the air as CO<sub>2</sub>. This carbon is then absorbed from the air by plants, which might be used to produce new bioethanol. The natural carbon cycle is a closed loop.

When fossil fuels like petrol, diesel and natural gas are combusted they release CO<sub>2</sub> from carbon that has been absorbed deep down in the crust of the earth for millions of years. This process is one-way and non-reversible. It means raised carbon dioxide content in the atmosphere and an increased greenhouse effect.

The actual amount of CO<sub>2</sub> saved when you drive on E85 bioethanol compared to fossil fuels depends on which biomass is used and the production methods. New, highly efficient processes are being developed continuously. Already today E85 bioethanol presents lots of advantages. It's renewable, it's easy to distribute within the existing infrastructure and it can be produced locally to help reduce our dependency on oil.



Enjoy a purer  
driving pleasure.

Driving is fun. That is why cars have always been both a great way to travel and to express your personality. But driving fun is a lot more than pressing on. To us at Saab the joy of driving has always been a matter of balance. To put the driver in control and to make our cars react and respond in the way you expect. This adds more than one dimension to everyday driving.

In a Saab BioPower model the increased efficiency from turbocharging is combined with even further enhanced performance when you drive on E85 bioethanol. Producing even more torque and at least 25 extra horsepower. It's a great way to create massive overtaking resources and show responsibility at the same time. So, drive with care – and enjoy!

# Saab 9-3 BioPower.



Saab 9-3 Sport Sedan, SportCombi and Convertible – three quite different cars with a common spirit. Whichever is your favourite, you can enjoy it with the inspiring 1.8t BioPower engine that delivers 175 hp when you drive on bioethanol (E85). For even more driving excitement try the 2.0t BioPower. Fuel it with bioethanol (E85) and maximum power output climbs from 175 to 200hp. Torque rises from 265 to 300Nm. So you can also count on even faster response for more fun and quicker overtaking.



## Saab 9-3 1.8t BioPower 175hp

## Saab 9-3 2.0t BioPower 200hp

	Saab 9-3 1.8t BioPower 175hp			Saab 9-3 2.0t BioPower 200hp		
	Sport Sedan Man./Auto.	SportCombi Man./Auto.	Convertible Man./Auto.	Sport Sedan Man./Auto.	SportCombi Man./Auto.	Convertible Man./Auto.
Top speed, km/h	210/210	210/210	210/210	230/225	225/220	225/220
0–100 km/h, sec	8.4/9.4	8.7/9.7	8.9/10.1	7.9/8.9	8.1/9.2	8.2/9.3
80–120 km/h, sec*	13.9/–	14.6/–	15.9/–	10.0/–	10.5/–	11.2/–
L/100 km, combined	7.6/8.5	7.8/8.9	8.1/9.7	7.9/9.0	8.3/9.3	8.5/9.7
CO <sub>2</sub> g/km, combined	181/205	185/214	192/233	189/216	197/222	203/232

Fuel consumption and emission figures according to 1999/100 EC when driving on petrol. There are as yet no agreed EC directives governing the measurement of fuel consumption and CO<sub>2</sub> emission when driving on E85 bioethanol fuel. Performance figures refer to driving on E85. Please visit [www.saab.com](http://www.saab.com) for the latest information. \* 5th gear, manual.

# Saab 9-5 BioPower.

The Saab 9-5 offers a truly responsive driving experience. And with the 2.0t BioPower engine you can enjoy even more performance. Drive it on bioethanol (E85) and output rises from 150 to 180hp. Or if you want even more performance, choose the Saab 9-5 2.3t BioPower. Fill it up with bioethanol (E85) and output grows from 185 to 210hp. You'll enjoy faster acceleration, better response and even more driving excitement.



## Saab 9-5 2.0t BioPower 180hp

## Saab 9-5 2.3t BioPower 210hp

	Sedan		SportCombi	
	Man./Auto.	Man./Auto.	Man./Auto.	Man./Auto.
Top speed, km/h	225/220	220/215	235/230	230/225
0-100 km/h, sec	8.5/9.6	9.0/10.2	7.9/9.1	8.5/9.5
80-120 km/h, sec*	13.5/-	15.1/-	11.0/-	12.2/-
L/100 km, combined	8.6/10.3	9.0/10.6	8.9/10.0	9.1/10.3
CO <sub>2</sub> g/km, combined	204/244	214/251	212/238	217/246

Fuel consumption and emission figures according to 1999/100 EC when driving on petrol. There are as yet no agreed EC directives governing the measurement of fuel consumption and CO<sub>2</sub> emission when driving on E85 bioethanol fuel. Performance figures refer to driving on E85. Please visit [www.saab.com](http://www.saab.com) for the latest information. \* 5th gear, manual.



# TURBO



## We've only just begun.

BioPower technology is an important cornerstone in all Saab development.

The latest addition is the Saab 9-X BioHybrid concept car. It's powered by a small (just 1.4 litres) E85 bioethanol engine yet is capable of delivering 200 hp. Combining our long-earned excellence in turbo technology with the latest battery technology, it's quite simply a fascinating solution. Power, new functionality and driving fun on the one hand, lower fuel consumption and lower fossil emissions on the other.

And that's the way Saab is heading. Developing and employing leading sustainable technology, with the clear aim of offering a responsible alternative for the future. Flexible, efficient and fun to drive.



Saab participates in BEST (Bioethanol for Sustainable Transport), a project funded partly by the European Commission. The BEST approach proposes extensive replacement of petrol and diesel with bioethanol throughout several European countries. Visit [www.saab.com](http://www.saab.com) for more information.



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