



**WHEN DRIVING MATTERS**



# Welcome to Polestar

Polestar is about motorsport, and motorsport is about driving. That's why we focus on one thing: optimising driveability. A Polestar vehicle – be it a race car or road car – is always designed to deliver optimal grip and control. The race track and open road may be opposites, but both equally demanding. Regardless of surface or purpose, optimal driveability is what makes a driver safe and confident behind the wheel.

All Polestar products are developed for people like ourselves – those who appreciate driving with full control. In other words, when driving matters.

A blue Volvo S60 Polestar is shown from the rear, driving through a large body of water. The car is splashing, with a large amount of white water spray and mist surrounding it. The background is dark and out of focus, suggesting a forest or wooded area. The car's rear light assembly is visible on the right side.

# Meet the Volvo S60 Polestar

This is a Volvo engineered by Polestar. When you buy one of these cars, you're also buying experience and knowledge gained from thousands of laps around the world's most demanding race tracks.

But make no mistake, even though these cars have a lot in common with our race cars, they are built for the road. Thoroughly tested on the mountain passes of Spain, the German autobahns, Australia's outback and, of course, above the polar circle in Sweden.

While these cars deliver a unique level of driving performance they also take you anywhere you want to go – on all roads, in any weather. These are cars to be enjoyed 365 days a year. Not only on that perfect sunny Sunday.



## **Volvo S60 Polestar**

Acceleration (0-100 km/h): 4.9 secs

Acceleration (0-200 km/h): 17.7 secs

Top Speed (limited): 250 km/h

# Polestar Engineered

The Volvo S60 Polestar is based on the S60 T6 R-Design AWD. A vast number of upgrades have been completed to turn it into a Polestar Volvo. Below is an overview of some of these modifications.

## Chassis

Upgrades include modifications made to increase rigidity of the chassis to cater for 80 percent stiffer springs relative to the standard S60 T6 R-Design. These changes combined with the tailored, high-performance Öhlins shock absorbers and 19" Polestar wheels, result in a precise yet comfortable driving experience.

## Engine

The six-cylinder turbo-charged T6 engine has undergone extensive development with a new twin-scroll turbo and intercooler to produce 257kW at 5700rpm and over 500Nm at 2800rpm.

## Transmission

The six-speed automatic gearbox features a new paddleshift system that together with the Polestar-developed Haldex four-wheel-drive system takes the car from 0-100km/h in just 4.9 seconds, and on to a limited top speed of 250km/h. The gearbox, Haldex four-wheel drive and traction control system have all been recalibrated in order to provide an active driving experience and maximum grip in all situations.

## Brakes

The brake system has undergone substantial modifications. Most visible are the 371 millimetre ventilated front discs and six-piston Brembo calipers, guaranteeing a high level of braking performance.

## Wheels

The 19" bespoke Polestar rims, equipped with 235/40R19 Bridgestone Potenza tyres, are a vital part of the car, maximising the grip level while maintaining a comfortable ride.

A close-up photograph of a car's exhaust system. The exhaust pipe is made of polished stainless steel and features a series of small, circular perforations along its length. A bright blue sticker with the word "polestar" in white lowercase letters and a small star icon is affixed to the side of the pipe. The background is dark and out of focus, highlighting the metallic texture and the sticker.

## **Exhaust system**

The six-cylinder turbo-charged T6 engine breathes through a 2.5" stainless steel exhaust system, making for a throaty engine note.

## **Aerodynamics**

To reflect the increased performance of the S60 Polestar, positive aerodynamic effects have been achieved through subtle, yet efficient, modifications based on data from tests in the Volvo Cars wind tunnel in Gothenburg, Sweden. The changes are visible via the front splitters, optimising the airflow underneath the car, as well as a new rear spoiler and diffuser, increasing downforce.

## **Seats**

The S60 Polestar seats feature a blend of black Nubuck textile and perforated leather with Polestar blue threading. The seats are designed to provide the driver with best possible support for active driving and at the same time long-journey comfort.

# Volvo S60 Polestar

## Technical Specification

### ENGINE / PERFORMANCE

Engine	Six-cylinder inline Volvo T6 with Polestar engine software and new intercooler
Turbocharger	Upgraded Borg Warner Turbo
Exhaust system	2.5" stainless full-flow exhaust with 3.5" tailpipes
Valves	24
Location	Front Transverse
Drive	Haldex All-Wheel Drive
Displacement	2953cc
Power output	350bhp/257kW at 5700rpm
Torque	500Nm at 2800-4750rpm
Max rpm	6500rpm
Acceleration	0-100km/h 4.9 seconds
Top speed	250km/h (limited)
Fuel economy (combined) l/100km	10.2
CO2 (combined) g/km	243

### TRANSMISSION

- Polestar transmission software for launch control, quick shift and AWD software for improved rear bias •
- Gearshift paddles •
- AWF21 Six-speed adaptive Geartronic with neutral control and quick shift sports mode •

## STEERING

Speed sensitive Electro-Hydraulic Power Assisted Steering (EHPAS)	•
Turns lock-to-lock	2.58
Turning circle	11.9

## CHASSIS

MacPherson strut front suspension with multi-link independent rear suspension	•
Polestar Öhlins road and track two-way adjustable shock absorbers	•
Carbon fibre enforced front strut brace	•
Stabilisers - front (23mm) and rear (22mm)	•
Stiffer new front top mount	•
Stiffer new rear tie blade bushing	•
New rear stabiliser droplink (uniball)	•

## BRAKES

Front calipers	Polestar Brembo 6-piston
Front discs	371x32 mm ventilated floating
Front pads	Brembo HP1000
Rear discs	302x22 mm ventilated discs
Rear pads	Brembo HP2000

## WEIGHT

Weight	1770kg
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## FUEL TANK

Capacity	67.5 litres
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# What the media say\*

*“Tight corners don’t frighten it. Fast corners don’t frighten it. Tightening radius corners don’t frighten it. Direction changes don’t frighten it. It’s just that good”*

carsales.com.au

*“The suspension is near magic...  
like the Ferrari 458 Italia”*

Motor Trend



\* The quotes above are reactions from media after test driving the Volvo S60 Polestar model year 2013.

*“We drove the fastest Volvo ever on a variety of roads,  
all of which posed no problem for the sleek Swede”*

Carsguide Australia

*“Polestar has created a remarkably  
polished, cohesive and desirable car”*

Wheels Australia

*“The Volvo wins the chassis round.  
Awesome grip and body control”*

Auto Motor & Sport





# Volvo Polestar Racing

Sixteen years after Jim Richards and Rickard Rydell won Australia's most famous race, the Bathurst 1000, in a Volvo S40 we have returned to Australian motorsport, this time on the grid of the 2014 V8 Supercars Championship.

Volvo Car Australia has joined forces with Volvo Car Group's global motorsport partner Polestar, to create a partnership with renowned V8 Supercars team Garry Rogers Motorsport. The Volvo V8 Supercar is based on Volvo's most dynamic sedan – the S60 – which the Polestar engineers deemed a well-balanced car built for performance. In other words, it is the perfect foundation to build a race car from.



The two share the same engineering DNA but of course there are differences, as the engineering requirements for a pure-bred race car and a high-performance saloon you can drive every day are very different.

The race car engine is based upon the Volvo B8444S V8 unit previously seen in the XC90 but with an increased 5.0 litre capacity; it has been comprehensively adapted and modified by Polestar for the stresses and strains of top flight motor racing.

Thanks to its compact size and narrow 60 degree vee configuration, the B8444S is a truly unique engine on today's racing grid. Indeed motorsport fans will instantly recognise the Volvo Polestar Racing S60s in 2014 thanks to their unique engine note.

# 2014 V8 Supercars

Volvo S60s will be driven in the 2014 V8 Supercars by young Kiwi racing talent Scott McLaughlin and the experienced Swede Robert Dahlgren who has been a factory driver for Volvo since 2003.



"I am delighted to be a part of Volvo Polestar Racing and to take on this year's championship with the awesome Volvo S60 Polestar V8 Supercar. I had a great first season in the V8 Supercars last year and while we have a lot of development work ahead of us, I am looking forward to the challenge this year."

**Scott McLaughlin**

"The V8 Supercars is a championship like no other in the world and one that every racing driver wants to race in. I will be facing fast and experienced drivers who know the championship and circuits inside out, but I am looking forward to the challenge – it's definitely one of the biggest of my career."

**Robert Dahlgren**

# Calendar

<b>Feb 15</b>	Sydney.com V8 Supercars Test Day – Sydney Motorsport Park
<b>Feb 27-March 2</b>	Clipsal 500 Adelaide – Adelaide
<b>March 13-16</b>	2014 Formula 1 Australian GP – Albert Park
<b>March 28-30</b>	Tasmania 400 – Symmons Plains Raceway
<b>April 4-6</b>	Winton 400 – Winton Motor Raceway
<b>April 24-27</b>	ITM 500 Auckland – Pukekohe Park Raceway
<b>May 16-18</b>	Perth 400 – Barbagallo Raceway
<b>June 20-22</b>	Skycity Triple Crown Darwin 500 – Hidden Valley Raceway
<b>July 4-6</b>	Townsville 500 – Reid Park
<b>Aug 1-3</b>	Coates Hire Ipswich 400 – Queensland Raceway
<b>Aug 22-24</b>	Sydney Motorsport Park 400 – Sydney Motorsport Park
<b>Sept 12-14</b>	Wilson Security Sandown 500 – Sandown Raceway
<b>Oct 9-12</b>	Supercheap Auto Bathurst 1000 – Mount Panorama
<b>Oct 24-26</b>	Armor All Gold Coast – 600 Surfers Paradise
<b>Nov 14-16</b>	Phillip Island 400 – Phillip Island Circuit
<b>Dec 5-7</b>	Sydney 500 – Sydney Olympic Park





# R-Design

The T6 and D5 R-Design cars have been Polestar optimised to give you a perfect combination of sporty design and versatility. The S60, V60 and XC60 R-Designs are equipped with a performance upgrade from Polestar increasing the engine's power and torque, and lifting the driving experience to the next level.



\* The featured cars are fitted with optional packages.  
Overseas models shown.

## **Volvo XC60 R-Design Polestar\***

From navigating in city traffic to climbing steep mountain roads, the XC60 offers unparalleled performance options. Step on the throttle and you will instantly feel the aggressive 242kW and 480Nm torque.



## Volvo S60 R-Design Polestar\*

Long time a favourite of drivers looking for a thrill, the new 2014 Volvo S60 continues its already impressive track record. A fast 0-100km/h time, 242kW, and torque vectoring for corner tracking control are just a few examples of why you'll love driving the S60.



## Volvo V60 R-Design Polestar\*

The best of both worlds. At once giving you the versatility of added space with a zest for driving. The V60 sportswagon is a jack of all trades.

\* The featured cars are fitted with optional packages. Overseas models shown.



## Model Year 2014 Volvo S60 Polestar Technical Specification



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Turbocharger	Upated Borg Warner Turbo
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Valves	24
Location	Front Transverse
Drive	Haldex All-Wheel Drive
Displacement	2953cc
Power output	350bhp/257kW at 5700rpm
Torque	500+Nm at 3000-4750rpm
Max rpm	6500rpm
Acceleration 0-100km/h	4.9 seconds
Top speed	250km/h (limited)
Fuel economy (combined) l/100km	10.2
CO <sub>2</sub> (combined) g/km	243

### TRANSMISSION

Polestar transmission software for launch control, quick shift and AWD software for improved rear bias	•
Gearshift paddles	•
AWF21 Six-speed adaptive geartronic with neutral control and quick shift sports mode	•

### STEERING

Speed sensitive Electro-Hydraulic Power Assisted Steering (EHPAS)	•
Turns lock-to-lock	2.58
Turning circle	11.9

## CHASSIS

MacPherson strut front suspension with multi-link independent rear suspension	•
Polestar Öhlins road and track two-way adjustable shock absorbers	•
Carbonfibre enforced front strut brace	•
Springs - 60N/mm front and 65N/mm rear (80% stiffer than T6 R-Design)	•
Stabilisers - front (23mm) and rear (22mm)	•
Stiffer new front top mount	•
Stiffer new rear tie blade bushing	•
New toe link arms - rear	•

## BRAKES

Front calipers	Polestar Brembo 6-piston
Front discs	370mm ventilated floating
Front pads	Brembo HP1000
Rear discs	302x22 mm ventilated discs
Rear pads	Brembo HP2000

## WEIGHT

Weight	1770kg
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## FUEL TANK

Capacity	67.5 litres
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## POLESTAR INTERIOR TRIM

Polestar embossed charcoal nubuck leather sport seats with Polestar blue stitching and charcoal headlining

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Polestar leather illuminated gearshift knob with Polestar emblem

•

Polestar front door tread plates

•

Perforated leather three-spoke sport steering wheel

•

Performance sport pedals

•

## POLESTAR EXTERIOR TRIM

Polestar emblem on front grille, rear boot and engine cover

•

Polestar rear spoiler

•

Polestar performance rear diffuser and front splitter corners

•

Polestar 3.5" dual performance exhaust tailpipes

•

Polestar black door mirror covers and décor trim on doors

•

## ALLOY WHEELS AND TYRES

8.0 x 19" ET51 Polestar graphite alloy rims

•

235/40 R19 Bridgestone Potenza RE 050A

•

## AUDIO AND COMMUNICATION

Sensus Connect Premium Sound Multimedia: AM/FM radio, 1-CD/DVD, MP3, 10 speakers, Dolby® Pro Logic® II Surround system and 7" colour screen

•

Bluetooth®, USB and iPod connectivity with audio streaming, auxiliary audio input and audio controls in steering wheel

•

Sensus Navigation with voice control

•

## SUPPORT SYSTEMS AND INTERIOR EQUIPMENT

Adaptive Digital Display with active TFT crystal display

•

LED daytime running lights

•

Bi-Xenon Active Bending Lights (ABL) with Active High Beam control (AHB) including headlight wash system

•

Power driver (with memory) and passenger seats with heating function

•

Rear park camera with front and rear parking sensors

•

Rain sensor; auto headlights

•

Auto dim rear view mirror and side mirrors

•

## SECURITY

Keyless entry and drive with Personal Car Communicator and Volvo Guard Alarm with interior movement sensor	•
Central locking and immobiliser with key integrated remote control; rear door power child locks, tempered side windows	•

## SAFETY

Driver Alert System includes Lane Departure Warning, Active High Beam Control, Forward Collision Warning and Road Sign Information	•
Adaptive Cruise Control (ACC) and Collision Warning with Full Auto Brake (CWAB), including Queue Assist with Pedestrian and Cyclist Detection	•
City Safety	•
Blind Spot Information System (BLIS) with Cross Traffic Alert (CTA)	•
Anti-lock Brake System (ABS) with Ready Alert Brakes (RAB), Emergency Brake Assist (EBA) and emergency brake light	•
Hydraulic Brake Assist (HBA) and Electronic Brake Distribution (EBD)	•
Dynamic Stability and Traction Control (DSTC) and Advanced Stability Control (ASC)	•
Driver and passenger dual stage airbags and Inflatable Curtain (IC)	•
Pyrotechnical seatbelt pretensioners, front and rear with seatbelt detection	•
Side Impact Protection System (SIPS) with airbags in front seats and Whiplash Protection System (WHIPS)	•
Intelligent Driver Information System (IDIS)	•

## PAINT AND OPTIONS

Solid	Rebel Blue, Passion Red, Ice White	•
Metallic	Black Sapphire	•
Sunroof		\$2,650

## RETAIL PRICE

Please contact your local Volvo dealer for drive-away pricing, or call 1800 786 586 for referral to your nearest Volvo dealer	\$109,950
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\* Vehicles must be purchased from an authorised Volvo dealer. Information is correct at time of printing, however the manufacturer reserves the right to make changes without notice. Please confirm model availability, specification and pricing details with your Volvo dealer. Option pricing displayed is GST inclusive. Accessories and / or options fitted to vehicles may affect vehicle performance, fuel consumption and emissions.

• Standard



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