





elcome to the very special 100th issue of **Total 911**.

When usual editor Lee Sibley asked me if I would like to take over as guest editor for the title's milestone issue, I was at first very surprised, then honoured, and lastly a little concerned, as having left school at the age of 15 in 1982 I only had two 'O' levels – and English was not one of them!

What I love about **Total 911**, and the reason I have had a subscription for years, is the great range of coverage, features and images within the magazine of the best sports car in the world – the Porsche 911. As many of you know, driving, chasing and talking Porsche is a real passion of mine and so joking aside, I feel privileged to have been asked to head the 100th issue, packed with great features and a host of 91ls.

2013 is a very memorable and exciting year for myself, **Total 911** and Porsche at large: I am celebrating 35 years of personal 911 love, the magazine has reached triple figures in issues and, of course, the 911 is now in its 50th year of existence.

The latest 991 still resembles the very first 911 from 1964, and no other car can lay claim to doing the same. Recently, I got to spend five days and 1,100 miles behind the wheel of a brand new 991 C4S. It never ceases to amaze me just how much fun these cars are to drive – apparently this 911 thing can get into your blood.

"It never ceases to amaze me how much fun these cars are. Apparently this 911 thing can get into your blood"

So get behind the wheel of your 911: savour the memories; attend some of the many 50th year anniversary events around the world; meet great people; share stories; make new friends and, most importantly, drive it as it was meant to be driven.

Cheers, and enjoy the issue.

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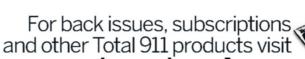
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The latest news, updates, products and gadgets from the world of Porsche

In brief



Spring sale

Tech9 are undergoing a stock clearance, with a wide variety of TechArt products including suspensions, tailpipes and ergonomic steering wheels enjoying up to 70 per cent discount off the retail price. For more information, UK customers should call 0151 4255 911.



Ferdinand Homage

On 15 June 2013, a world of informative adventure paying homage to Ferdinand Porsche opens in Salzburg. Fahr(T)raum presents one-of-a-kind exhibits dating back to the period between 1900 and 1930, where visitors of all ages are welcome to explore the interactive rooms full of innovation, experience and contemporary history. Fahr(T)raum will also present a preview of photos of Steve McQueen that were taken by his wife Barbara, who was the only person allowed to take his private photos. www.fahrtraum.at

Porsche launch classic 911 'project 50' to race at major 2013 events



elebrations of the 911's 50th year continue to evolve after Porsche GB unveiled a 1965 short wheelbase 911 to compete in major historic racing events this year.

races throughout Europe

'Project 50' will be piloted by a bespoke Porsche team including 1970 Le Mans winner Richard Attwood and will appear at numerous races throughout Europe in 2013, including the Nürburgring Oldtimer and Silverstone Classic. The 911 will be based at Porsche GB's main headquarters in Reading and will be maintained by the Porsche Cars GB Motorsport team, who also provide technical support for the Carrera Cup and GT3 Cup challenge GB

The fine '65 example, one of just 6,607 of the short-wheelbase 911s built between 1964 and 1968, is powered by the inaugural 1,991cc flat-six engine, which provided the first 911s with a healthy 130bhp.

The car also boasts right-hand drive - a special order factory option despite being originally sold to a customer in Italy. It then spent some time in the US before

being imported to the UK in the Nineties, where it enjoyed a full restoration before being converted to an FIA approved race car. As well as the major historic European rallies, you can catch a glimpse of the special Project 50 at the Goodwood Festival of Speed in July.

taking the wheel

www.goodwood.co.uk

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At a glance

- Swiss made
- Stainless steel
- Ten-bar water resistant







P'6350 Flat6 Automatic 44

£2,450

Representing the power that has continually driven the 911 to new heights, this 'Flat Six' timepiece is directly inspired by Porsche's iconic boxer engine. The piece feels beautifully weighty around the wrist, and displays endless cordials of finite detailing,

including a glass backing that reveals the P'6350's impressive inner mechanics. The watch fastens together efficiently thanks to the double-clasp element at the bottom of the strap, and the second hand glides smoothly around the succinct fascia.

P'1700 Cannes

£349

Few lightweight, casual summer shoes this year will match the style and class of the Cannes MO8 Sand. Made from 90 per cent leather, the inside of the shoe is also leather lined, with the outside dressed in suede Cannes Moccasin. Each shoe is front embossed with screw decoration, and boasts a Porsche Design heel with screws. The Cannes MO8 are available in Euro sizes 41-45.



The stunning Porsche Design TwinBag is the first handbag from the brand, which looks every inch of its £1,400 price tag. The attention-grabbing TwinBag can be deployed either as a shoulder bag with long straps or an elegant handbag with short straps. Mixing highly exclusive leather with refined metal detailing, the TwinBag is available in a variety of gold finishes.

Apps of the month

Editor's choice AA Roadwatch Pro £1.99 annually

The AA and TomTom have launched the clever AA Roadwatch Pro app, which helps users locate traffic delays. Subscribers receive text alerts to their mobile device warning of traffic alerts on their intended route, suggesting a re-route to avoid a long journey.



You may also like Accelerometer

£0.69

Accelerometer simply measures the amount of acceleration of your car in XYZ axes. A ridiculously fun app, all data is presented graphically, numerically and statistically live. The minimum and maximum acceleration values are recordable.



Wild card

Fl 2013 Timing App

It may be one of the few disciplines absent from Porsche's radar, but Formula One is undoubtedly the pinnacle of racing. With F12013 Timing App, the F1 connoisseur can access a wealth of race information, including driver and team stats, schedules and standings. The app can be upgraded to access live timing and track position data for every race of the season.

Money on think will this year.

Total 911's "Future Star" on the rise

Ben Barker joins Mobil 1 Supercup for 2013

ritish driving sensation
Ben Barker has signed
to race in the Mobil 1
Supercup for the 2013 season.
The former Carrera Cup GB
driver, earmarked as a "future
star" by **Total 911** only last year,
will race for the Netherlandsbased Team Bleekemolen.

The move means he will be stepping behind the wheel of Porsche's latest 991-generation GT3 Cup car. Speaking at Brands Hatch in October (read the full interview in Issue 96), Barker underlined his desire to reach the world stage, and has wasted little time in ensuring his ambitions become reality.

Ben is expected to be one of two British drivers in this year's Supercup, with Sean Edwards likely to renew his entry for another year.



His first taste of the new 991 generation GT3 Cup came at the 2013 testing session in Barcelona at the start of April, ahead of the season opener taking place in Catalunya between 10-12 May. Readers can stay up to date on Ben's progress throughout the season via written race reports exclusive to www.total911.com.

Supercup race dates:

- 10-12 April Catalunya
- 23-26 May Monte Carlo
- 28-30 June Silverstone
- 5-7 July Nürburgring
- 26-28 July Budapest
- 23-25 August Spa
- 6-8 September Monza
- 1-3 November Abu Dhabi

Porsche works team reveals new RSR for 2013

The new Porsche 911 RSR, built for the 2013 World Endurance Championship, celebrated its racing debut in the Six Hours of Silverstone on 12-14 April.

It marks the return to competitive endurance racing for the Porsche works team, who are working in partnership with Olaf Manthey's Team Manthey.

In tandem with the production vehicle, the new RSR's wheelbase has grown by 10cm and features a new lightweight racing gearbox. Hartmut Kristen, Head of Porsche Motorsport, said of the event: "The whole team is raring to tackle the rest of 2013 with the 911 RSR." A full report on the WEC Six Hours of Silverstone will be published in the next issue.



Racing updates Latest news from racing series around the globe

Blancpain Endurance
The Series started its third
season with two days of testing action at
Paul Ricard. 62 GT3 cars assembled to
prepare for the first race at Monza.

Steven Richards has claimed victory in the opening race at Albert Park, while Max Twigg capitalised on late-race dramas to take Elite Class honours.

2013 Porsche Juniors Spaniard Alex Riberas Bou,

American Connor de Phillipp, Austria's Klaus Bachlerand and Denmark's Michael Christensen have been confirmed for 2013.

Total 911 extras

The Porsche

Discover all there is to know about the greatest Porsches ever with our book celebrating 40 years of the iconic RS. You can pu

40 years of the iconic RS. You can purchase the book from www.imagineshop.co.uk

Porsche 911 Turbo: The Ultimate Guide

Porsche 911 Turbo contains the best of Total 911. It's a great addition to your Porsche library. Available from www.imagineshop. co.uk

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Trending topics currently on Total911.com

New 911 GT3: figures explained

Porsche 911: Celebration

Of A Legend

bookazine

"The new GT3 is simply a brilliant design... the superiority and convenience of this transmission, both for road and track, over a manual is undeniable. MT RIP! I am looking forward to seeing the actual lap times of the new GT3 on the Nürburgring" Spencer Lane www.total911.com/news

hot topic

Our hot topic this month focused on the start of the new motorsporting season. Many opinions were voiced via email and across our website and social media pages. Here are some of your best responses:



Carrera Cup GB looks exciting again this year. Glad to have one more season of the 997 Cup car! Adam Kinnucane, via Facebook

Supercup this year will have my attention: only chance to see the

new 991 Cup car before it graces the domestic Carrera Cup campaigns next year. Last race in Abu Dhabi will be a spectacle, too!

Sam Buick, via email

Great win at Brands for @ TheDeanStoneman in his first Porsche race as he starts his comeback from fighting with cancer - brilliant! Tiff Needell, via Twitter

Meadows again for the Carrera Cup GB this year surely? Barker's move to Supercup will help him, but good talent has come through instead. I'm intrigued!

Phil Roman, via Facebook

Two wins from the first two races: Stoneman has been through such a lot personally, and then comes out and blitzes everyone! A title contender this vear for sure.

Darren Moorley, via Facebook

Watching rather than racing officially sucks! #Cold. The only thing that motivated me today is how well @pete_smallwood did on his first PCC test.

Ben Barker, via Twitter

Very excited by the first @Total911 pictures of the 2013 RSR. Not long until Le Mans now

Chris Smith, via Twitter

Letter of the month The sender of the Letter of the Month receives a

Porsche 911: Celebration Of A Legend bookazine!

Fogged off!



I feel I must point out something that may mislead people into breaking the law. Driving a 911 can attract attention, so it's best not to aggravate the hardworking boys in blue. The inaccuracy lies with a statement from Maxie Islam in Issue 98. He stated "you always get some morons who believe rear fog lights are for foggy conditions only". This is completely incorrect, and is breaking the law.

Highway code rule 236: you MUST NOT use front or rear fog lights unless

"You must not use front or rear fog lights unless visibility is seriously reduced (below 100 metres)"

visibility is seriously reduced (below 100 metres). You MUST switch them off when visibility improves. This isn't a cheap shot at Mr Islam. Like him, I also

drive a 911. It's more of a heads up for your readers.

Tom Mckeith, via email

A valid point Tom, and one I'm pleased you've picked up on. Fog lights should only be used, as the name suggests, in foggy conditions. In fairness, I'm yet to see a 911 owner use theirs anywhere else, but as you rightly point out, the police will throw the book at you should you deploy your fog lights outside of the rules. Fog lights as day running lights should be left to the hatchback brigade.



Total 911 at 100

Dear Sir,

May I congratulate the magazine on reaching 100 great issues. I have subscribed to the title for many years now and I have enjoyed each issue that lands through my door. As well as yourself, I'd also like to place on record my thanks to those who have steered Total 911 in issues gone by. In my opinion, we really do have the best Porsche magazine currently on the shelves. Here's to the next 100 and beyond.

Sandy Boyd, via email

Video: 2.2 Targa

"Absolutely stunning. It looks especially nice among the Spanish scenery! Josep has done a wonderful job." Pete "Great video, really makes me want a classic Targa.

Just shows what you can do with a little hard work and a few spare pennies. Beautiful." *Bastian*

www.total911.com/coming-up-in-total-911

Appreciate your asset

"Totally agree; an iconic piece of art. I am the owner of a newish 997 but still enjoy the uniqueness of the earlier marques. Unfortunately, something as iconically effective as a 911 is bound to attract ignorant 'wealthies' such as you describe, but isn't that their loss?" Christie www.total911.com/opinion



Fitment issues?

Dear Sir,

Beautiful Amethyst 964 in your last issue, credit to the owner and nice to hear when one of our 964 gang uses their pride and joy as a daily driver. I especially like the custom crossmember brace, although the ride height may not be to all tastes.

However (and at risk of sounding sarcastic), I'd be interested to know how you get 18-inch tyres on 15-inch wheels and where the second tail pipe of the 'dual exit exhaust' is?

Great mag as always nonetheless, keep up the good work!



Dylan Firmin, via email

A good spot here, Dylan: please accept my apologies. To confirm, the wheels are 18-inch RS-style split rims wrapped in 18-inch rubber, and the exhaust is an uprated single exit item in place of the OEM system.



On twitter this month, we posed the question: 'what's been your favourite Porsche Design purchase to date?



Here are some of your best responses:

Easily the Porsche BlackBerry smartphone. Cool and classy, though a little dated in tech now.

@Anoop Chana

Martini rugby top as seen in @Total911!

@itsjackwilliams

My satchel bag @getcarter101

My socks or my jacket, both warm. @Jameschan8

Design office stuff is brilliant. My desk is adorned with it. **@theneilhague**



New GT3 with PDK

I changed my 997 GT3 for a 991S with PDK last year. The PDK is superb, and the track is the only place where the GT3 makes any sense. Porsche's decision to offer PDK only on the new GT3 is logical, and is only controversial to those so-called '911 purists' who object to any move Porsche make to update the car.

Nick Dawson, via Total911.com

The SuperSport

Dear Editor.

On opening the first issue of my new subscription, I was pleased to find the 'letter of the month' was from another SSE Cabriolet owner - I learned some interesting info!

Your correspondent, Ross Jolly, said he was keen to hear from other owners – so here's mine, an '89 with 83,000 miles on the clock. Could I ask you to forward this to Ross, along with my email address.

Thanks very much – I enjoyed the magazine! Geoff Andreasen, via email







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Total 911 has teamed up with Race Technology to offer one reader a DL1 SPORT data logger, complete with GoPro video support and a Porsche CAN bus interface

ith the increase in public trackdays making time on track more accessible than ever, it has never been easier to develop your driving skills. While raw experience is all part of the learning curve, data logging and analysis can make a difference too.

Now, Race Technology has embraced the popularity of GoPro video cameras by integrating them into their hugely popular data logging systems, so you can now analyse data and video side by side and create HD videos with data overlays in just a few simple clicks.

The DL1 data logger's advanced GPS receiver measures speed, track position, lap/sector times,

cornering and braking forces, RPM and additional sensor/vehicle data. All the data can be logged and overlaid onto the recorded video, which is all brilliantly handled in the analysis package and able to run on almost any Windows PC, and is powerful yet simple to use.

Whether you want to analyse your driving stats or merely marvel at your performance on track, the DLI data logger is the perfect tool. More information on purchasing this incredible equipment can be found on the Race Technology website, but one lucky **Total 911** reader can claim a free kit by winning our exclusive competition. To be in with a chance of winning, simply answer the following question:

How much data can be recorded with the DL1 SPORT data logger at any one time?

a) 25GB

b) 46GB

c) 64GB

The correct answer can be found on Race Technology's official website: **www.race-technology.com**, on the DL1 SPORT product page.

Send your answer together with your name and address to competitions@total911.com with 'DL1 SPORT' in the subject line before the closing date of 21 May 2013.

Terms and conditions: The prize includes the DL1, software, GoPro control lead, Porsche CAN bus interface and everything needed to use the equipment. Please note the prize does not include a GoPro camera. This competition is open to residents of the United Kingdom and Ireland. Race Technology has the right to substitute the prize for a similar item of equal or higher value. Employees of Imagine Publishing (including freelancers), their relatives or any agents are not eligible to enter. The editor's decision is final and no correspondence will be entered into. Prizes cannot be exchanged for cash. Full terms and conditions are available upon request. From time to time Imagine Publishing or its agents may send you related material or special offers. If you do not want to receive this, state it on your entry.

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nyone who has ever restored or built up a complete car will know about it; that long but oh-so worth it wait before the almost-finished project can be taken out of the garage for a first test drive. Some builds can take years of excruciating setbacks and attention to detail, but that feeling of finishing a project remains the same. In the case of Magnus Walker, we've all seen before that things can go pretty fast when it comes to building custom 91ls. His latest creation took a little longer for him than expected, though. New projects formed short term go-betweens during the

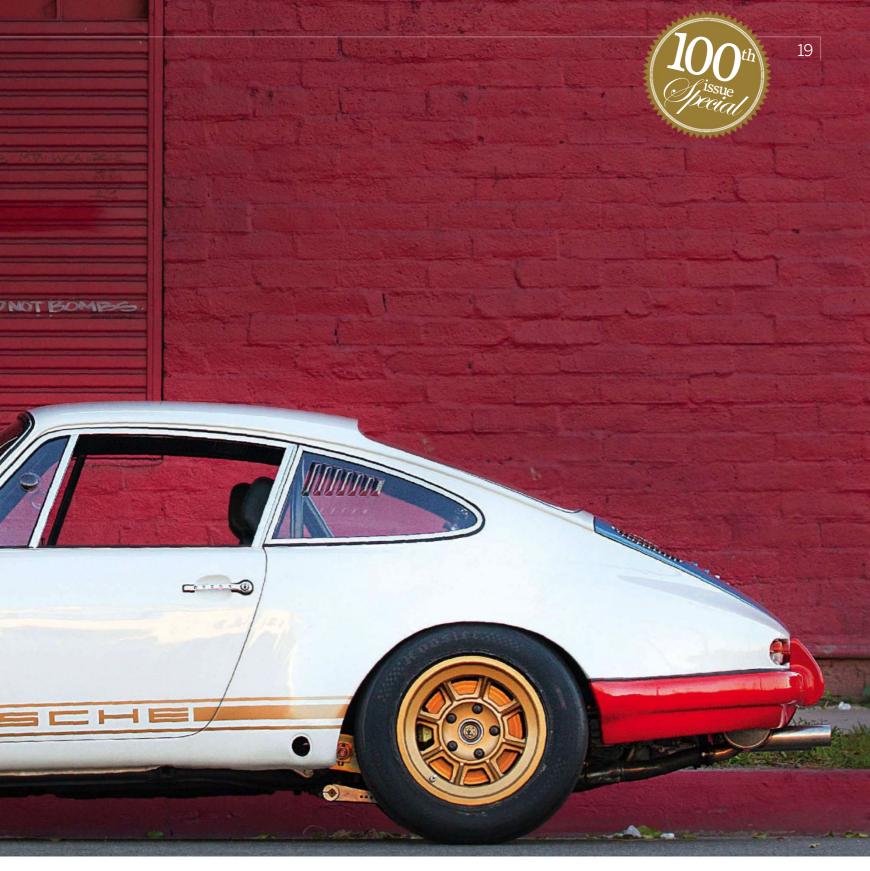
final stages of this second '72 STR project, meaning the build took several months longer than usual to finally complete – but we were able to shoot the STR II right after its first shakedown run around Magnus' downtown Los Angeles neighbourhood.

After finishing the first STR (an amalgamation of ST and R spec 91ls) and selling it to France, Magnus started this build just over a year ago in 2012 with a non-running, numbers-matching 1972 91lT base car acquired through eBay. The car looked like an unfinished Turbo or RSR style replica project, painted flat black and equipped with horrendous 'turbo-esque' fibreglass fender flares that were

crudely attached to the body. The car had been in California for a long time, but although it looked pretty bad cosmetically it was a good, rust free-911.

With the car in Magnus' hands, the Turbo and RSR replica connotations were never going to remain, and fresh plans were duly hatched. Magnus promptly pulled the original MFI motor out and put it in storage, and started hammering away on the body with metal guru Frank Turner.

Before they could start all this work, however, the car had to be taken off the trailer on which it had arrived from the Sacramento area. Since there was no ignition key included and the steering wheel was



locked in an off-centre position, it proved a tough job to even reunite it with the ground again.

Magnus has always liked '72s and had owned the car for about nine months before he started to build his second STR 911 from it. Whenever he would see a long wheelbase, longhood car which would be Frankensteined into a Turbo lookalike, he'd try to obtain it, as these are perfect starting points for an ST-styled 911. The particular '72 you're looking at here was originally a Gemini Blue example, which later dictated Magnus' chosen colour combination.

His first '72STR was very similar in body details, but was equipped with a less powerful 2.7 RS MFI-

specced engine. This time, Magnus went with a 3.2 short-stroke engine build on a 3.0 SC case. Similar trademarks of the first STR can also be identified when it comes to the chassis and suspension, but Project II has evolved somewhat, becoming more of a performance car than the first; just take in the enormous engine and suspension specification for details of the enhancements here.

Of course, the STR II also contains many of Magnus' favourite styling touches, such as the integrated front turn signals, plexi-bubble windows, louvred decklid, integrated rear R turn signals and drilled door handles. All these can be seen not only

on the first STR car, but also on the '68R narrow-body 91l for which Magnus is also famed for (see Issue 91). For Magnus, the '72STR II is an evolution of these two cars, and his best build to date. "Aesthetically, it looks like a fairly period-correct car, which is dressed with a bunch of hot rod bells and whistles," Magnus explains of the aggressive street car which can also be taken to the track.

Over the year of the build, Magnus worked with Frank and mechanic Phil Slate, with Frank doing all the flare work. After quickly removing the ugly fibreglass bits, he made use of modified, re-profiled Turbo flares at the rear, which are rolled on the





72 STR II (1972)

Engine

Porsche 3.2-litre shortstroke unit; 98 x 70.4 9.5/1 JE pistons; single-plug ignition; hi-lift Mod S cams; stock rods with ARP bolts; AASCO springs and titanium retainers; stainless valves; 1-5/8 headers with M&K stainless twin pipe muffler: mechanical injection: stacks bored to 46mm (top) and 41mm (bottom); throttle bodies bored to 41mm throttle plates; '69 E injection pump recalibrated to 3.2; isolated oil supply; solenoid and thermostat deleted: red vent cap; Elephant Racing finned external oil lines: Carrera front oil cooler Transmission: Rebuilt 915 with LSD; J-west gated shifter

Suspension

Tarett front and rear sway bars; Tarett front monoball camber plates; Wevo semi-solid motor and trans mounts; Elephant Racing 22 & 29mm quick-change torsion bars; adjustable spring plates; Elephant sealed monoballs; Turbo tie rods; bumpsteer kit; raised spindels; Bilstein sport shocks

Wheels & tyres

Group 4 Campagnolo replica rims, 8x15-inch front and 10x15-inch rear; Hoosier slicks, 225/50/15 front and 275/50/15 rear

Brakes

Early Turbo front calipers; M-type rear calipers; Porterfield brake pads

outer sides at the lip to get rid of the typical flat surface you'll find on an old 911 Turbo fender. The front flares actually consist of rear SC flares which have simply been flipped around: the right front flare comes from the left rear of a 911SC and vice versa. The arches and flare lips have both been reworked, and with the fat Hoosier tyre setup they give the car a superbly filled-in wheel well.

The great thing about building a proper ST-style car, according to Magnus, is that nobody will ever tell you that your fenders have the wrong profile or wrong flare: "When looking at vintage photos of the Kremer STs from the Seventies, you will see

that after a few years they morphed into superwide flared, monster-looking cars. No two were ever the same." That's exactly what Magnus loves about building an ST: "They don't really have to be specific like an RS clone, for example, which was a homologated car from Porsche. The ST never was that kind of a car," he says.

As we noted earlier, Gemini Blue was in fact the original colour of this 911. After removing the later flat black shade form the car, Magnus faced a dilemma as to what new hue his second STR project would be, so after many different ideas he opted for a tri-colour scheme. Magnus' plan was to combine the blue with two others, one being orange, another one of his favourites. A notable feature of the tri-colour scheme is that they are also a nice period-correct touch, which you'll find on a lot of Porsche rally and race cars from the Sixties and Seventies. Magnus has used the two-tone hood and decklid combo on a few other cars, and from his point of view, combined with the different colour bumpers in deep orange, it receives that racey look and makes the car more unique.

One thing on this car which makes it really stand out from most others are the gold eight and ten-inch Campagnolo replica rims, which Magnus ordered





"The Campagnolo wheels are normally found on a Lamborghini Miura"

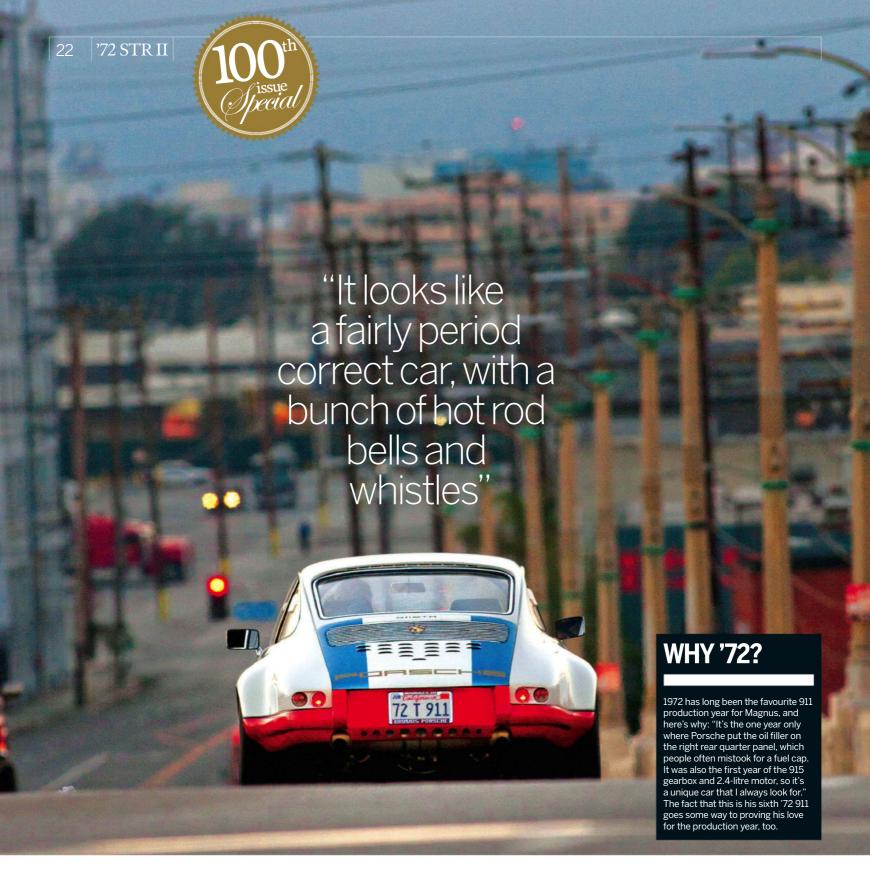
from Group 4 Wheels in the UK. Combined with the gold striping on the sides and decklid of the car, which were done by Werk Crew's Bob Tilton, these are the icing on the cake when looking at the '72STR II. You'll remember the first STR had Minilites, which were rather special, but this time Magnus certainly didn't want to go with Minilites again - or with the famed Fuchs that you see on most ST builds. The Campagnolos, which you'll normally find beneath a Lamborghini Miura, DeTomaso Pantera or Lancia Stratos, add that little bit extra to contribute to the unique, vintage Seventies look.

Aaron Burnham at Rennworks in Camarillo then built the short-stroke 3.2 MFI engine. It's a singleplug motor running on street gas which produces 275hp at the crank. Combined with the low weight of the car, this provides good grunt - after lowering, corner balancing and aligning, the car weighed in at 2,197lbs, with ten gallons of gas on board. With the exception of the fibreglass bumpers, that's pretty light for an all-steel car. The transmission is a 915 with an LSD, which was built by Marty Mehterian from Team VDS, who are based in Van Nuys, close to Magnus. The cases were all tumbled, and the transmission looks, just like the engine, brand

new. Underneath the car looks just as impressive as it does when seen on the road. Everything from the front to the rear is either new or refurbished, effectively making the 40-year-old car brand new again. Included in this is a host of Elephant and Tarett goodies used to complete the suspension, giving the driver that planted, secure feel where you can drive it pedal to the metal style. Make no mistake, this car becomes a lot of fun on roads with plenty of twists and turns, as Magnus is happy to demonstrate on the shake down.

The 911 also has a good-looking and aggressive stance about it. At the time of writing, Magnus





was still busy fettling here, fine-tuning and maintaining the proper ride height – not an easy job if you want to combine top of the bill handling with stunning visuals.

On the inside, Magnus used old Recaro rallye seats from his '67 S. At first he used an old and rugged Nardi steering wheel, later changing it for a black Racemark/Raid wheel. Of course, the car is equipped with a classic style roll bar and Schroth four-point harnesses, which Magnus also used on the famous 68R car. The shiftknob is a 917 replica from TRE Motorsports, which brings us to the fully adjustable 917 style gas pedal from D-zug – a

very nice piece which helps with making those perfect heel and toe down shifts. These are being performed with a J-West Rennshifter, which shifts gears like a knife cutting through butter. Also note the Heuer clock: there's no RS-style delete plate, though this is compensated for by the presence of a proper working ticker on the '72's dashboard.

Magnus has unquestionably nailed it again with his second '72 STR. Built with intent, this 911 is a driver's car, has great poise on the road and looks charmingly alluring – undoubtedly his best build yet. Given the popularity of the car, could this be the second of many STR builds for Magnus? "Well,

you're always evolving and wishing you'd have done this or that, but everything I wish I had done to the first STR, I've put together on this one. It's the one I'm most proud of so far," he says.

In response to my question regarding whether there will ever be an STR III, Magnus muses: "Probably, I can't see why not. I could do a limited series. Different colour schemes, all kind of similar cars, but with their own unique touches." Magnus is currently working on two '67 91lS cars, one being a complete R style project and the other a numbersmatching, retro looker. Let's hope work commences on an even better STR III after these...



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MAGNUS WALKER'S



25 ICONIC 911S

His custom 911s may have taken the automotive world by storm, but what inspired the Urban Outlaw? We look at the cars that fuel Magnus Walker's passion for Porsche

Written by **Lee Sibley, Andrew Krok, Steve Hall and Magnus Walker** Photographs by **Porsche AG, Magnus Walker, Neill Watson, Singer, Steve Hall and Gemballa**





hen Magnus Walker bought his first Porsche 9ll, even he could not have predicted the meteoric rise that would thrust him into the spotlight as the pioneer of a passion project turned business. Since then, Magnus' work has captivated the minds of petrolheads at large, with each new project



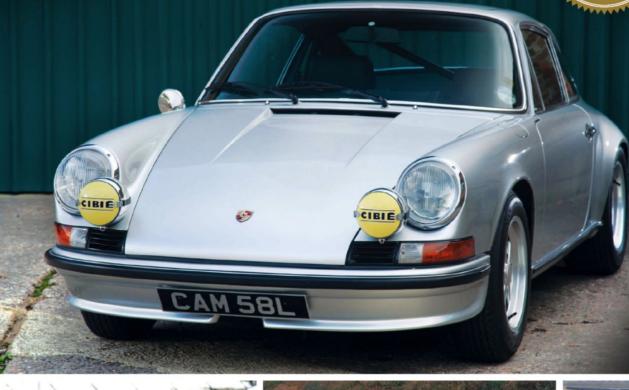
becoming the darling of an admiring automotive world and providing greater exposure for custom builds than ever before.

The question we're all itching to know, then, is what inspires a man who in turn inspires so many others? The humble guest editor's answer is refreshingly simple. "I just love the 911," he says, before reeling off the names of 15 factory Porsches



that have suitably motivated the genius behind five of his own most famous and inspirational 911 projects to date. We've also included five custom builds from other names around the globe that Magnus has taken a liking to, forming a collection of 25 iconic 911s we can all take inspiration from when picturing our perfect 911. We'll let Magnus explain why he loves each one so much...

Magnus Walker's perfect Porsches



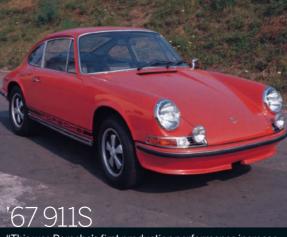


'72 911S

"With the exception of the SWB 67 S, the '72 S is my favourite LWB production model. It marked the first year in which the 2.4-litre MFI engine was used, as well as the one-year-only external oil filler."



"This mid-engine 3.2-litre twin-turbo beauty produces over 600hp, and won at Le Mans on its debut in 1996."



"This was Porsche's first production performance increase for the 911. An additional 30hp boosted the 2.0-litre motor to a total of 160hp, making for a great hi-revving thrill ride."



"This lightweight Group 5 with almost 600hp from the 3.0-litre Turbo engine is wrapped in slantnose bodywork, and was driven by many legends."

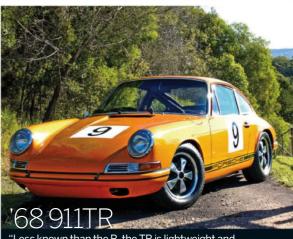


"When I think of Porsche, this comes to mind. It has tall gears, turbo lag and less than adequate brakes, but is fun nonetheless."



2012 GT3 RS 4.0

"The perfect street-level track car, this is no doubt a future – if not current – icon. I actually have a GT3 RS 4.0 piston paperweight gift from Porsche on my desk!"



"Less known than the R, the TR is lightweight and the first factory-homologated GT car. Potent, aggressive and unique, you won't see it often."



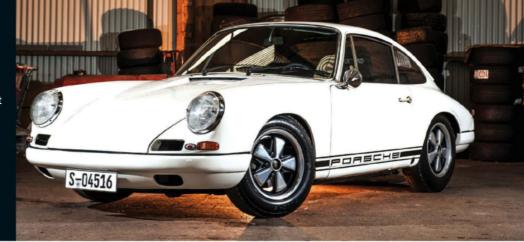
'73 911 RSR

"Only 49 models of the iconic Daytona-winning car were built, making this – capable of brutal acceleration thanks to its ability to reach 300hp from a 2.8-litre motor – a rare beast. Moreover, it's stunning to look at thanks to its longhood profile, with wide Fuchs wheels and fat tyres. The best of the RS breed."

'67911R

"Perhaps my favourite early car, and the inspiration for a few of my builds. Coming with an outside oil filler, centre hood fill gas tank and R turn signals, to name but a few features, Porsche built just four prototypes and 20 production cars, making this a rare car indeed. The weight was stripped to 1,810lbs, and power was upped to 210hp from a twin-plug 2.0 litre engine.

The 911R's first win came in August 1967 when, equipped with the Porsche 'Sportmatic' automatic transmission, it led the Marathon de la Route at the Nürburgring. The car won the 86-hour long event, driven to victory by Hans Herrmann, Vic Elford and Jochen Neerpasch."



'89 930 SLANTNOSE "Loved as much as it is loathed by 911 enthusiasts,

"Loved as much as it is loathed by 911 enthusiasts, there's no getting away from the street slantnose's' nod to Seventies competitive Porsche motorsport."



"Driven by Peter Falk and Herbert Linge, this won in its class, finishing fifth overall and putting Porsche on the rally map. **Total 911** featured a replica of the car in Issue 92."



"The early cars run on 2.2-litre engines with approximately 240hp, which contributed to it winning the 1970 Monte Carlo rally."



"The car that replaced the 356, started the 911 legend and became an automotive icon. Only 232 were built, with 59 documented survivors."



"This 911 had large wings and tyres, making it one wildlooking ride. Even better, it was driven by the likes of Hurley Haywood and Peter Gregg."



"The first year of the G body style, capped off with a whaletail and 3.0-litre motor. Only 110 were built, so these are very, very rare finds."

Magnus Walker's previous projects



that great 2.5 motor, suspension setup, stance and look. It graced the pages of **Total 911** back in Issue 91."





'65 911

"Another very early car ironically built only three weeks later than my iconic '64 911. This car has more of a sports purpose rally vibe, with decor trim delete, vintage Scheel seats and famous Fuchs rims. The car has also been lowered and modified but crucially has not been restored. For a pokey 2.0-litre car, it's a fun ride with an abundance of character and, of course, an absolute joy to own. Lookswise, it's one of my most understated."



Other modified 9ll's

RUF CTR YELLOWBIRD

Perhaps the most famous modified Porsche to date, Ruf's CTR is one of the few cars that earned records as easily as it won the hearts of petrolheads.

Starting life as a 1987 911 Carrera 3.2, Ruf replaced many of the steel body panels with aluminium, cutting weight by 200kg, while the fenders were widened to accommodate the Speedline wheels. The engine also received a makeover, increasing displacement to 3.4 litres through a cylinder bore. An upgraded Bosch Motronic fuel injection system mated to an ignition setup from a Porsche 962 provided extra grunt, too. To top it off, a twin-turbo setup with twin intercoolers brought power output to 469bhp and 408lb ft of torque. In production trim, the car could receive a complete Ruf build, although the customer could also supply their own 3.2 for upgrading.

The name 'Yellowbird' was actually a nickname given by Road & Track magazine due to its unique aesthetic, although the blow-off valve's distinct chirping helped the name become synonymous with the CTR. Noise would be of the smallest concern once driving came into the equation, however.

Its performance is what cemented the CTR as one of the greatest supercars of all time. It weighed only 1,150kg, so its statistics were rather batty. 60mph arrived in less than four seconds, and the speedometer hit 125mph in just over 11 seconds – these numbers alone were slightly lower than the competing Ferrari F40 and Porsche 959, but the CTR's 211mph top speed reigned supreme. Straight lines weren't the only records on Ruf's mind either: it proved to be terrifyingly fast on the circuit too. For several years, the Yellowbird held the lap record at the hallowed Nürburgring Nordschleife.



"Its performance cemented the CTR as one of the greatest supercars of all time"

SINGER NY

Singer Vehicle Design takes air-cooled 911s seriously. So much so, in fact, that this small company has grown to be one of the most respected 964 restoration outfits in the world.

The cars are rebuilt from carbon fibre body panels that elicit aesthetics from every generation of Porsche's most hallowed car. Each customer's tastes are brought out in their individual vehicles, with an options list as large as the room you're in.

So far, Singer has only released five cars. One that made the rounds in London earlier this year was destined for a customer in New York. This particular owner spared no expense in the construction of their Singer 911: the power plant is hand-built by Cosworth in the USA, and in the NY specification puts down an impressive 380bhp.

Unlike the GT3 RS, however, New York's aesthetics push into the past. The seats feature basket weave

trim, the roll cage is wrapped with hand-sewn leather and even the carpeting is of the Berber type. If that's not enough to impress you, the leather-lined engine bay certainly will be.

Simply put, Singer's NY-bound 911 is a beautiful example of what happens when the most creative and dedicated minds come together to pay tribute to the 911. Funnily enough, this car will probably become the stuff of Porsche legend, too.



RWB PANDORA ONE

'Pandora One' is a rather apt title for this Rauh-Welt Begriff 964. When it was first conceived, owner Mark Arcenal flew to Japan to visit the man behind the RWB moniker, Nakai-san. Before he knew it, he was the owner of the first RWB 911 built in the US.

While it's somewhat streetworthy, Mark originally intended to create a track beast. For that reason, the interior has been stripped of the majority of its trimmings, instead sporting a custom cage, Recaro bucket seats, Stack gauges and more.

The wheels are custom-designed by Rotiform for Pandora One, with the tyres reaching a staggering 315mm at the rear.

Its first public outing was at SEMA, the largest automotive aftermarket trade show in the country. *Top Gear USA*'s Rutledge Wood named it his favourite car that year, and it won the European category of the Gran Turismo award. RWB grew into a name that every car geek knew, and posters of Nakai-san's 911s would grace the walls of young petrolheads the world over.





GEMBALLA GT CABRIO

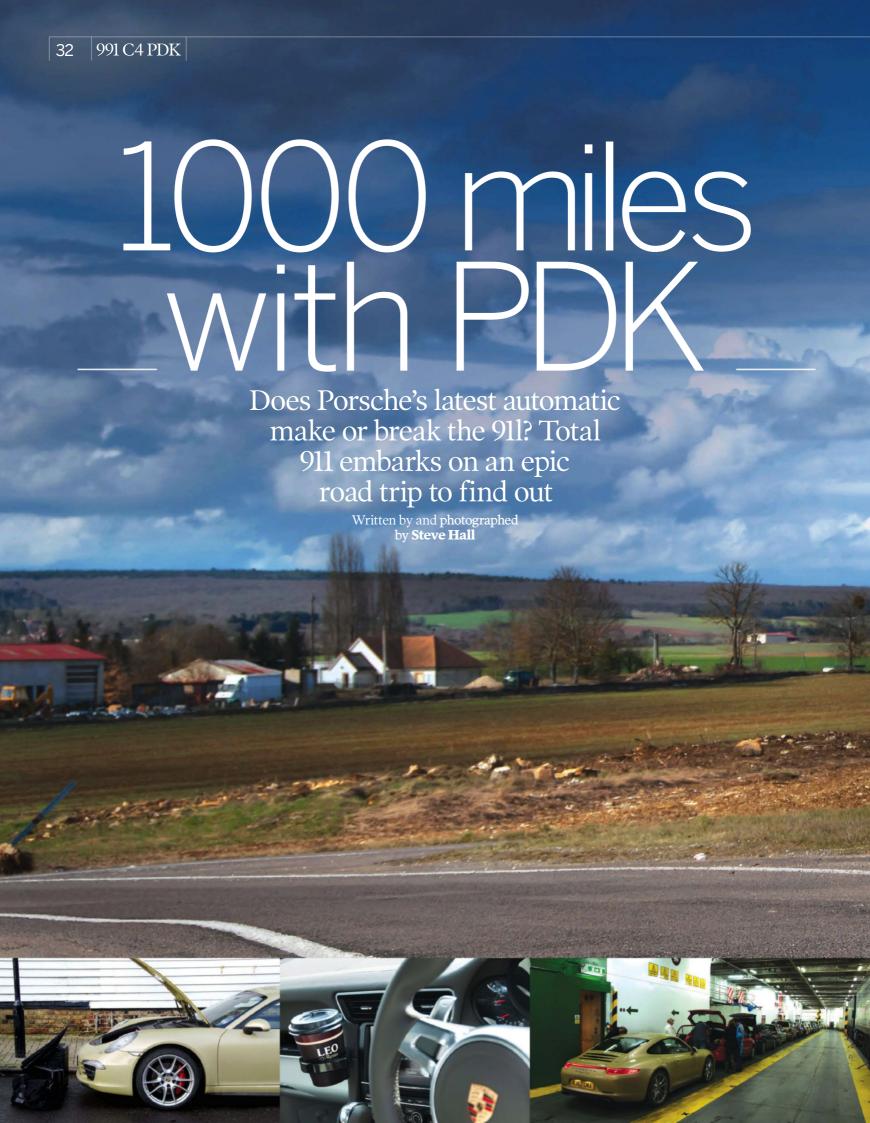
Gemballa has held a long association with leading modified 911s for some time, creating headline-grabbers such as the GTR-650 and various generation Avalanches. Their latest offering, the 991 Gemballa GT Cabrio, offers more of an understated package of bespokery, as revealed at the 2013 Geneva Motor Show. The car features various lashings of carbon fibre including a prominent insert between the rear lamps, providing the perfect place to place the Gemballa script, while the minimalist carbon spoiler aids aero efficiency. More aggressive bumpers and side skirts help set the car apart from stock 991s, and inside a black and white theme adds visual impact. This includes white inserts in the seat faces and trim panels finished in the same contrasting white on doors, centre console and glovebox lid. White shift paddles sit behind a Gemballa wheel, with the triple spokes also finished in the same colour marking Gemballa's return to form.

9FF GTurbo

A 1,300bhp 911 that delivers crushing, astonishing, organ-squeezing, laugh-out-loud acceleration that on a cold, dark autobahn delivers a shot of adrenaline like nothing experienced in a car before.

Starting life with a 9ff tune to 720bhp, the Russian owner soon had this GT2 back to the Dortmund tuners for a second engine to hit the magic four-figure output. It didn't take long to realise that 1,000bhp was excessive for rear wheel drive, so a 997 Turbo drivetrain and fuel cell were installed with Bilstein suspension and ceramic brakes. Such is the way with adrenaline, the owner decided he needed an even bigger hit, and went for the full-house 1,300bhp spec seen here (much the same engine as the 250mph+ GT9R) and a calculated top speed of 250mph. Possibly the fastest road-legal 911 on Earth, it may lack the computer-controlled launch to 60mph of a factory Turbo S, but once into its stride there's nothing to touch it. As a demonstration of how far you can push a 911, it's as extreme as it gets.





he 991 Carrera 4 is a phenomenal car. Regular readers will know that we're great fans of the latest all-wheel-drive 911; so much so that we're running out of superlatives with which to describe it. Almost.

However, our UK road trip (Issue 98) in the car was conducted with a seven (yes, seven) speed manual gearbox, which left us pondering once the dust was settled: is the PDK version even better?

PDK is generally marvelled at for its slick gear changes, ease of use and vast intelligence. The counter to this is that manual is a pure driver experience: it's an ageless realm of direct human input into the operation of machine.

We loved the manual gearbox, so the stage was set for PDK to make its mark – and over an epic 1,000-mile road trip from the UK to Switzerland and back, there was plenty of room to perform.

Sifting through the spec sheet of the C4S to be used on the trip revealed some enticing options, including the intriguing £1,805 lime gold metallic paint, while enthusiasts will be pleased to see a Sport Design steering wheel with proper shift paddles, Sports exhaust and Sport Chrono Package Plus (which brings launch control and dynamic engine mounts). The £963 BOSE surround sound system was bound to get a workout, too.

My first thoughts were of where my kit would go. With lights, cameras, lenses, stands and the odd bag of clothes to squeeze in, it would be easy to fill up a family sized hatch, let alone a 911. But then, the 911

has always been a practical sports car, and while some may bemoan the increased dimensions of the 991 over the 997, the payback comes in the form of added interior space, which we made use of.

All packed, we were set for the cross-country sprint to Geneva. Sinking into the inviting cabin of the 991 is as reassuring as ever, and after slotting the PDK into 'D' we set off for Dover. Soon, I started to think about the qualities of the C4S: all-wheel security, practical, efficient and soothing on the cruise, with PDK seamlessly blending one gear into the next. With the promise of 400bhp and paddleshift to entertain when the roads turn twisty, this might just be the best 911 for a road trip. In fact, it might be the best car for a road trip, period.

Just over two hours after boarding DFDS' finest, I'm driving onto the port of Dunkirk, where the C4S sees off the first 300km at little more than 2,000rpm. I'm still amazed at the 991's efficiency, as I've just completed another 30mpg+ stint in a 400bhp sports car without needing to drive like the local police chief is riding shotgun. But it's the PDK box that unlocks the full potential, starting with a seventh gear that's 13 per cent longer than the manual, giving an instant gain in cruising economy. PDK also brings a coasting function which detects an economical driving style and allows the engine to drop to idle whenever the throttle is released, while further gains come from the PDK's natural tendency to select the best gear for efficient fuel use. There's a lot of tech, but how does it manifest in the driving experience?

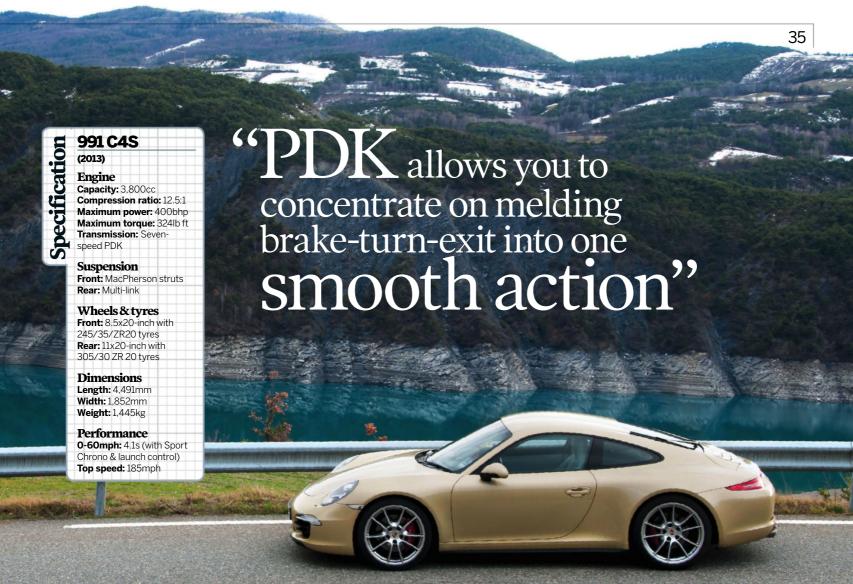
THE ROUTE



Google Maps suggests the fastest route from Dunkirk to Geneva is seven hours and 15 minutes: 826km one-way down the A26 and A5. But with France being packed full of D-roads (equivalent to UK B-roads) winding through beautiful countryside and lovely old French towns, it would be a shame to let it roll by beyond the banks of the autoroute.

The journey back was taken more sedately, and took in the picturesque Route des Grand Crus which – as the name suggests – takes you through the finest Burgundy has to offer. Arriving at Dijon, I skirted round the city centre to pick up the D996 again before taking the D396 all the way to Vitry-le-Francois. With roads so light on traffic, it's a lovely way to get across France if you have the time.





In a word, seamlessly. In normal driving the systems blend into the background, managing the drivetrain to deliver the impressive CO2 figures (215g/km for the PDK 4S) and instantly standing down when you demand more performance and response. The coasting function engages power smoothly 95 per cent of the time, with only a sudden lead foot causing something approximating a jolt.

But how does PDK stand up on something more interesting than the ultra-smooth Peage? The answer arrives at junction 23 of the A5 south-east of Troyes, where I take a shortcut down the D996 to Dijon: 10km shorter, theoretically an hour longer, but not in a 991 C4S.

This latest-generation 911 wraps its core character in layers of habitability and efficiency. The famed 911 steering chatter, grumbling flat six and chassis movement you feel through your hips; it's all turned down a notch and presented in a package that is more usable than ever. Lean on it and drive it hard on a good road, though, and it still feels like a 911.

On the southern part of the D996, I had one of my best drives in years. The road bucks and weaves, with everything from 180-degree switchbacks to fast left-right-left combinations while the surface varies from smooth to brittle and bumpy; the C4S simply dismantled the road like no previous generation Carrera. There's a broad-shouldered stance to the way the C4S keys into the road surface and locks onto line, the 42mm extra rear

track giving a wonderfully stable platform to work with. Resistance to understeer is absolute, giving confidence to commit to a bend knowing the front will go where you point it. At the limit of grip, you can nudge up to benign front end slip or trail the brakes deep into the apex to bring the rear into play; whatever you choose, it's satisfying.

The two pedals might upset some, but PDK proves a fantastic ally to fast driving, freeing up the senses to concentrate on melding brake-turn-in-exit. The push for up/pull for down shifter logic feels counter intuitive, so it's left well alone, but the paddles deliver shifts of increasing rate and response depending on engine revs and Sport mode. Sport Plus feels punchy and shaves off the odd tenth as it delivers a kick of stored torque on upshifts.

The remaining few miles of the D996 were dispatched in similar fashion before rejoining the Peage at Dijon. Geneva was frantic on arrival, so on the way back I decided to link back up with the D996 at Dijon, providing one more fantastic drive before setting the satnav to 'avoid motorways' and heading to the old grandstands at Reims for the obligatory photography session.

Earlier, I wrote that this might be the best car – and gearbox – for a road trip; after transporting me with several kilograms of kit and the odd bottle of rouge vin around France, I'm happy to suggest that you ignore the 'might be' part of that statement.





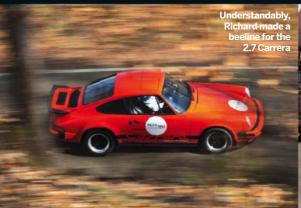
A STUTTGART CELEBRATION

Porsche AG presents us with every generation of 911 – plus a few extras – as part of the 50th year milestone













or a Porsche fan, it was a dream come true: pristine examples of the very best 91ls through the ages lined up at the home of Porsche in Zuffenhausen, with a set of keys on the dashboard of every one, and I was there to drive as many as I could in one day. As dream gigs go, I don't think it's ever got better than this.

This was Porsche's way of celebrating 50 years of its icon, and it all started on a bus from Stuttgart airport into Zuffenhausen. On a weekday morning. In rush hour. Porsche's famous home is deep within an industrial heartland, but boy, does it get busy.

First, the museum: Zuffenhausen Porsche museum is an incredible €100 million modernistic structure which opened in 2009 – a jaw-dropping piece of architecture that dominates a proud corner on the perimeter of the factory and its office blocks. It amazes from outside, continues to do so inside

and beggars belief when you enter the workshop. There, in immaculate, oil-free splendour, are some of Porsche's most prized historic possessions, from cars and motorsport memorabilia to a particularly nice retro poster. It's awe inspiring.

The cars we'd been promised were not far from the modern museum, beckoning us already. As much as being in Porsche heritage's flagship workshop was a privilege, I could resist no more. Out I went to savour the 3.0 SCs in as perfect condition as you'll ever see. There were also 964s and 996s that felt as they did new, not to mention original models, whose background was as pure and unsullied as the condition they were in today.

Somehow, I lucked in. After a few presentations from Porsche AG bosses, we all piled out and, like excited schoolchildren, headed straight for the cars we wanted to drive. It was easier than it sounds: Porsche had a system (of course they did) that

would see the Brits take a group of four cars – a 1965 2.0, a 1974 2.7 Carrera, a 1995 993 Targa, and a sweet 40th Anniversary 996.

That 2.7 Carrera – combining regular Carrera looks with *that* 2.7 RS engine – was the one I wanted, and I got it. Soon after, an equally ebullient driving partner and I were enjoying the roar of Mezger's peach slowly warming up while savouring the unfiltered fumes from that blue 2.0-litre ahead of us. It was bliss. Even today, you can be taken aback by the purity, response, clarity and sheer speed of this amazing engine once temperatures are up and traffic is down.

It got even better when we discovered the Stuttgart B-roads, with twists and hairpin turns through forests that could take a whole chapter in any dream road guide. The 2.7 Carrera had to be driven, yes, but was exponentially rewarding when done so – and the noise was absolutely incredible.



Switching to the 2.0 was then a real culture shock. The 2.7 Carrera felt almost contemporary, not least in its confidence and performance, while the original proved to be decidedly less reassuring. This was pure 911, displaying the traits that had made it infamous in the minds of some – but also the basic character that would ultimately see it evolve multiple times and go on to reach the 50-year (and counting) landmark.

I loved it because it was so sweet, but I was glad to hand it back in one piece. My confidence was sky high, and while it egged you on, you knew it would bite if driven with the abandon with which you pilot a modern 911. It's one to admire for the historical perspective, but not to prioritise on a drive like this.

To put what sort of a day this was into context, the black sheep of the collection appeared to be the 993. Why? Because it was a Tiptronic. Kneetremblingly beautiful, it is a dream for many

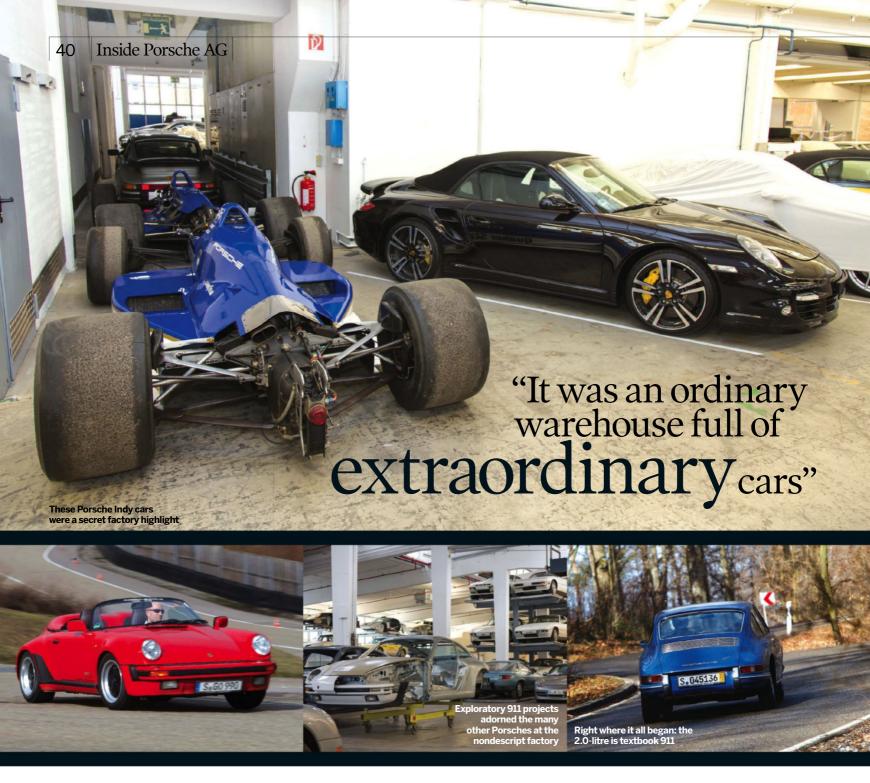
that's ruined by the self-shifting gearbox. Is the tag justified? Well, a little; this is no PDK. Manual control was necessary to override its slurring shifts that were in stark contrast to the purity of the other cars. But discount this and the 993 remains a car you could genuinely be happy with for life. Maybe comparing it to the classics was unfair; after all, I still sensed enough to know I'd be quite happy if this was the one I had for a dream drive back to the UK.

With my time up in the air-cooled 2.0, 2.7 and 993, it was with what some perceive as the short straw that I eased into the driver's seat of the 996. A 40th Anniversary model, it's wonderfully subtle to today's eyes. Soon, I was again reminded what a superb thing the 996 can be. Tight, rattle-free and fresh, it stood in stark contrast to the '74 car in terms of sophistication, but quickly felt sorted in its own distinct way. It was as if the levels of assurance, comfort and stability had been turned right up,

but without destroying the poise, engagement or satisfaction that makes a 91l. No, it wasn't as raw as the older car, but its extra breadth still came with the sense of original 91l spirit still present. It was a pleasing comparison.

The 345hp iteration of the 3.6-litre engine also felt fast, particularly at the top end where it sounded fantastic. That high-performance exhaust sure did the business. In all, it proved why the 996 can still impress for those who are dubious to its abilities.

Our destination in the 996 was Weissach, and after handing over cameras, telephones and anything else that could capture future secret Porsches in action, I was able to nail some high-speed laps of the famous development facility in a Speedster while being watched by bemused workers on their lunch break. Twisting, cambered and varied, it's the sort of challenge you'd hope Porsche would build to hone its cars.



Incidentally, Porsche development legend Herbert Linge, the man who introduced Ferdinand Porsche to the facility, was on hand to explain the decision by Porsche to set up camp here. Porsche's first test facility was meant to be further up the road, but Porsche didn't want to destroy the agricultural land. "I know just the place," said Linge, who took the team over to the barren, hilly fields that same day. Conveniently, it was just next to the Weissach town he lived in – which, coincidentally, has since grown into one of Germany's wealthiest.

Originally there was just a skid pan here. It has grown over the years into the amazing facility it is now – and in that time the 911 has grown with it. The sophisticated, amazing and boundary-pushing 911s of today only exist because Weissach had the facilities and creativity to create them – and you can be sure 911s handle so well today largely because of all the testing work that was carried out here.

The exploratory drive in the Speedster revealed the challenge it offered. There are miles of test track here, and though we used just a small section, it was still twisty, off-camber, uneven and challenging enough to flush out any handling quirks presented by challenging roads.

There was a further surprise when we stopped at Porsche's secret warehouse before the official conclusion to the day. The Porsche museum itself covers a 5,600 square metre plot, enough to house 80 models from Porsche's history. But Porsche has many, many more than that in its collection – more than 500, in fact. So where are these kept? In an old, nondescript warehouse down a dusty side street just off the main autobahn past Zuffenhausen. Seriously, it's completely unbranded. We pulled up and I thought we'd broken down – surely this wasn't where all the greats from Porsche's past are kept when not on display?

Sure enough, it was proven the very moment you walk in the door, to be met with four long lines of historic and significant Porsches. The lines stretch far into the distance – and that's just a small section of this jam-packed warehouse of the gods.

It was dusty, cool, and echoey. This is no cocooned, air-conditioned splendour; just a warehouse full of extraordinary cars. There were 993s that looked odd because beneath their skin lay 996 mechanicals. Pre-911 prototypes that made you thankful Butzi was given free reign. A curious amalgam of body parts from every generation of 911 merged to create a 'multi-gen' hybrid. A 996 GT3 RS kept temptingly under wraps, with just the celebratory side body graphics poking out.

It was incredible, something unexpectedly 'real' and worlds apart from the dust-free perfection just up the road. For enthusiasts like me, it was brilliant – a treasure trove that you could spend days in.





Everything there has a back story. The world of Porsche is varied today, but it could have been a whole lot more diverse had some of the cars in the secret museum gone into production. For years, it seems that Porsche has desired to expand beyond its most famous car. The curiosities on show prove why for years it remained largely a one-car brand.

Case in point: the 989. Within the museum, there's a prototype Mercedes C 124 Coupe from the late Eighties, packing a hand-built 4.0-litre V8 engine intended for Porsche's mooted four-door luxury car. Like so much else there, it didn't come to pass: it's just one of many examples of how Porsche tried and failed to broaden out from the 911 for more than two decades before hitting the jackpot with the Boxster and beyond.

It also houses a remarkable number of Eighties Indy cars packing Porsche engines. Not the brand's most successful racing exploit, but there's enough to keep any running cars in spare parts. Oh, and there's even a Lada Samara there. Not 'officially' a Lada – the badges carried the script 'AAAA' instead. But Porsche did a lot of the engineering work on this Eastern Bloc car, and this scrappy engineering hack shows that the firm was proud to explore here. That projects like this helped fund the development of the 993 should also be lost on nobody!

Ask me today where the secret museum is, and I wouldn't be able to tell you: it's that nondescript. What it does contain is a flood of riches which show some of the bits Porsche didn't get quite right.

I departed happy, because we'd experienced the bits it did get right, and had an incredible time doing so. Having Porsche provide its biggest insight yet into the true evolution of the 9ll and its heritage was some experience. Now, all Stuttgart needs to do is repeat it for the many, many future landmark anniversaries the 9ll is sure to celebrate.

TONY HATTER

Tony Hatter is famous for designing the Porsche 993, but he's done plenty more besides at Porsche AG – and, as a Brit deeply embedded within the German firm, is uniquely placed to speak about the legendary 911. "I started in 1986, and I've been working with the same car for 25 years – half its life," he says.

Tony admits the design approach is akin to walking on a tightrope, but he has clear views on what defines a 911's shape. "It's all about the fender line, which is clear, uncorrupted and climbs slightly to the rear of the car." The penny drops. "This line is *the* line that defines a 911 – compare the side view of a Cayman with a 911 to see what I mean." he says.

Those expecting him to mark out the headlights or the rear end profile as the classic 911 traits may be surprised. But they are a result of this fender line, he says, rather than being in addition to it. That's why the front wing shape could change from 964 to 993, and then to 996, yet the car remains so clearly a 911

then to 996, yet the car remains so clearly a 911. Then some designer speak: "The 911 also has the same DLO right from 901 to 991." DLO? Daylight opening, or the shape of the side windows. He sketches this: just a couple of lines, beautifully rendered, and there sits a 911 before us. A couple of proportion changes and he also shows how classic 911s have evolved too – particularly how the switch from 964 to 993 was not as stark as some thought. Striking stuff.







He is the winner of more endurance marathons than any other driver.

Here, the former bearer of the red, white, and blue
livery of Brumos Porsche relives his four
decades of racing

Written by **Richard Truesdell**Photographed by **Richard Truesdell**and **Brumos Porsche**

urley Haywood is a champion of champions. Winner of more endurance marathons than any other driver in racing history, he boasts five wins at Daytona, three at Le Mans and two at Sebring among his many accomplishments. After retiring from full-time racing in 2008, he got back behind the wheel in 2011 for three races, the highlight of which was a third-place finish at the Rolex 24 Hours of Daytona. Haywood currently devotes his efforts to the Executive Vice Presidency of Brumos Porsche, the legendary dealership he has been associated with since 1969. He also serves as Chief Driving Instructor for the Porsche Driving Experience, as well as for the Brumos Driving Experience, the company-sponsored driving school.

Total 911 caught up with the legendary driver at the 2013 Amelia Island Concours d'Elegance, where the 40th anniversary of one of his greatest drives was celebrated: the overall win at the Daytona 24-hour race behind the wheel of the Brumos Porsche #59 911 RS, where his co-driver was his long-time mentor, the late Peter H Gregg.

ESSENTIAL FACTS

- Born 4 May, 1948.
- Five-time winner of the 24 Hours of Daytona.
- First driver to win 24 Hours of Daytona and 24 Hours of Le Mans in the same year.
- 1971 and 1972 IMSA champion.
- · IROC participant representing IMSA.
- 1994 North American GT Endurance Champion.
- Championship GT1 North American champion.2005 Inducted into the Motorsports Hall of Fame

You've lived what many would call a charmed life, almost all of it behind the wheel of a Porsche. But it actually started behind the wheel of a Corvette. How did that happen?

Yes, it started with a Corvette. Peter Gregg took an interest in me after seeing me in an autocross, and suggested I switch to Porsche and that he would teach me. With support from my father, I followed Peter to Savannah, Georgia, to driving school where Peter was my instructor. By the end of the session

I was actually beating Peter. In July of that year we entered a race at Watkins Glen in New York and won the GT2000 class. It was my first win in the famous #59 Brumos Porsche.

At this point your racing career took a detour.

It was 1969, and I was drafted into the army and spent a year in Vietnam.

Did you think about racing while you were based overseas?

When not concerned with staying alive, of course I thought about getting back home and racing.

How did you resume your career after being discharged?

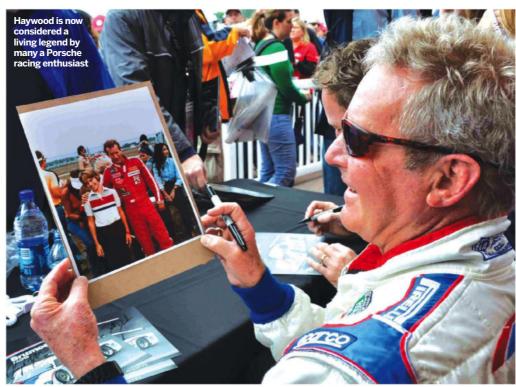
I was back home in 1971 and was racing full time with Peter. The first race back, at an IMSA event in Danville, Virginia, we ended up winning. At this time I was racing a Porsche 914-6, and together we won the 1971 IMSA championship. In 1972 we switched to a 911 and also won a second championship.











"Mark's death was the first time that I would feel the pain of a racing accident"

Setting up a car you would be driving with Peter meant it would be set up for Peter first, true? Very true.

Do you have any pre-race regimen that you can talk about?

Now that I'm not racing on a regular basis, I do miss it. I did have a regimen before the start of each race. Typically, I'd be nervous and would have doubts. I'd think about something on the car breaking, then wonder if I was about to kill myself. But it's a self-energising process, almost to the point of throwing up at times. Firing up the engine, it all goes away: things slow down as you grow accustomed to getting focused for the task at hand.

At the time you and Peter had a rival in another Porsche 911...

Yes, Roger Penske. Peter was obsessed with beating Roger. While they were friends off the track, they were fierce competitors on it. Roger had what was called an 'unfair advantage', and Peter did everything possible to close the gap. In 1973 we both had factory cars for the Daytona 24-Hour.

You were in a head-to-head battle with Roger's 911 driven by Mark Donohue, where you and

Peter were not expected to be contenders for a podium finish. But after many of the favoured prototypes retired, you and Peter won the 1973 race, memorable for a certain incident involving a collision with a bird...

Along the way we struck a seagull that was half outside and inside the windshield. There were a lot of feathers. We had a hard time getting a replacement windshield, but we were able to get a windshield from a car of one of our customers – but not before the first customer we approached said no!

Like the relationship between Roger and Peter, you and Mark were competitors on the track and good friends off it...

Yes, developing quickly, especially after the 1973 season. What many people don't know is that we were going to be partners in a BMW dealership and the BMW racing program. I would be primarily driving and Mark would be responsible for running the BMW motorsports activities here in the United States. The paperwork was in his briefcase when he was killed in Austria in 1975.

No doubt it was a life-changing event.

I think looking back, I would not have won all the races I did had Mark not been killed. I lost a great friend. It was the first time I would feel the pain of a racing accident, in this case that of a very close friend.

Over the following three decades your career had a magical run: multiple victories at the highest levels included five wins at Daytona, three at Le Mans and two at Sebring. In your opinion, what was your best moment behind the wheel of a race car, where your final result exceeded all expectations?

That would have to be 1994 in a factory 962 modified to run in the GT class. Norbert Singer was able to exploit a loophole in the rules, and we had a great battle with Nissan. The 962 was a ten-year-old design at the time. Winning the race with Yannick Dalmas and Mauro Baldi, a car that literally fitted us all perfectly, was one of the greatest accomplishments of my career.

Your post-career involvement with Porsche is well documented, especially with regard to the Porsche Driving Experience. What goes through your mind, especially when you know you're in the passenger seat with someone else behind the wheel, possibly on a track in a car with capabilities far beyond those of the driver?



"Peter was such a complicated person – the nickname 'Perfect Peter' was well earned"

That's an interesting question! First, you must stay focused well ahead of where they are on the track and anticipate a problem before it starts. It sounds really easy, but requires an enormous amount of racing and driving experience. In these instances we don't know the driver's capabilities and experience and always must assume the worst.

Tell the readers about the 1973 Porsche 911 on display here at Amelia Island. The original car was sent back to Germany after its 1973 win at Daytona, correct?

Yes, it was pulled apart and studied. We never got it back and raced a different 911 for the rest of the 1973 season, even Sebring a few weeks after Daytona. The replica you saw was built by a team assembled by Ron Thomas in Cleveland, Ohio, who is well known in the Porsche community. It is faithful to the original in almost every way (there is

documentation of the build, which took just three months, at flatsixes.com).

I don't think any interview with you would be complete without mention of your relationship with Peter Gregg. What is your best memory of Peter?

Peter was such a complicated person, and the nickname 'Peter Perfect' was well earned. I remember when I beat him at that first autocross there was much moaning and groaning. I realised that one had to be pretty good to beat him at anything. But after the autocross he invited me to his house for a barbecue. He owned Brumos Porsche at the time, and it was just one of those things I remember. Peter was such a great judge of talent, and capitalised on it. He saw something in me, and made an investment. Looking back on the last 40 years, it has worked out really well.





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997 CARRERA



45

Improvement is the name of the game, and the 997 Carrera 4S represents Porsche's tradition of making great things better

Written by Andrew Krok Photographed by Dan Pullen

pecification

997 Carrera 4S

(2006)

Engine

Capacity: 3.8-litre naturally aspirated water-cooled

flat six

Compression ratio: 12.5:1 Maximum power: 385bhp @ 6,500rpm

Maximum torque: 420Nm @ 4,400rpm

Transmission: Six-speed manual or seven-speed Porsche Doppelkupplung dual-clutch gearbox

Suspension

Front: Lower wishbones and MacPherson struts with combined coil springs and dampers; antiroll bar Rear: Multilink with combined coil springs and dampers; antiroll bar

Wheels & tyres

Front: 8x19-inch alloys, 235/ 35/ZR19 tyres Rear: 11x19-inch alloys, 305/ 30/ZR19 tyres

Dimensions

Length: 4,427mm **Width:** 1,852mm **Weight:** 1,555 kg / 3,428lbs (add 30kg for PDK)

Performance

0-60mph: 4.5 seconds (manual), 4.3 seconds (PDK) **Top speed:** 185mph (manual), 183mph (PDK)



e all know the story with the turtle and the hare, but when it comes to cars, slow and steady won't win many races. So naturally, Porsche has chosen the opposite route, as is evident in its gradual evolution of the Carrera 4S.

The first all-wheel-drive Carrera came about with the 964 generation; as a matter of fact, the AWD Carrera 4 was the first 964 available. It took its three-differential, all-wheel-drive system from the hallowed 959, and began its inevitable march toward the 20th Century with the inclusion of power steering and ABS.

The first Carrera 4S came with the introduction of the 993, with generational upgrades including a viscous coupling-based AWD system. The 4S gravitated away from its non-S sibling by adopting the Turbo body, including its widened fenders, brake discs and red calipers. This iteration proved to be an effective model, and as such the tradition

continued into the 996, which also borrowed the Turbo wide body, brakes and suspension.

All of Porsche's previous C4S efforts culminated in the introduction of the 997 Carrera 4S, which began shipping in November 2005 at an introductory MSRP of \$93,200 – a \$2,700 increase over the rear-driven variant. The base Carrera utilised largely the same motor as the 996, but for the S Porsche brought out a new 3.6-litre offering, serving up 355bhp and 400Nm of torque.

Connected to that flat six was the viscous clutch all-wheel-drive system, which could send between five and 40 per cent of torque to the front wheels. In order to fit the front part of the AWD system into the 997, Porsche made several adjustments: the front bulkhead was moved forward, the spare tyre removed in favour of a tyre repair kit and the luggage compartment's shape changed. In addition, the fuel tank was redesigned to hang over the driveshaft on both sides, although this required the addition of a second fuel pump to deal with the new

configuration. Even with these changes, the AWD system only added 55kg of weight.

On top of this, Porsche included their Porsche Active Stability Management system (PASM). It's an electronic damping control system that adjusts each wheel's individual damping forces based on road conditions, enabling the driver to choose between 'Normal' and 'Sport' modes, which would alter the PASM's damping adjustments for a more comfortable ride.

Unlike previous generations, Cabriolet performance was increased in relation to the Coupe model. This was due in part to Porsche's choice to develop the Cabrio model first, followed by the Coupe. Logic followed that were they to design the Cabrio's stiffness to their standards, the Coupe would be at or above that level as well. For this reason, despite the variable weight, the performance differences are minimised; for example, the Cabrio's rear tail comes up slightly higher on the Cabriolet to compensate for the soft-top's difference in drag.

C4S TIMELINE

1986

The 959 sports car became the first Porsche to have all-wheel drive, a technology that would filter through to the 911.

9 1989

The 911's first all-wheeldrive production variant hits the market, as the C4 was the first 964 model available for purchase.

P 1995

Porsche revamps its AWD, replacing the centre differential with a viscous coupling, cutting weight and improving handling.

• 1996

The first Carrera 4S comes to market, sharing the Turbo's body and brakes but retaining the naturally aspirated motor.

1999

Unlike the 964 and 993, the water-cooled 996 911s debuted in their rear -wheel variants. The allwheel models came later.

2005

With the introduction of the 997 came the Targa for the Carrera 4S, which had both AWD and a sliding glass roof panel.







ALL THE MECHANICAL TWEAKS WOULD COME TOGETHER TO CREATE A CARRERA 4S THAT STOOD OUT

77

Another update to the C4S line-up with the 997 was the Targa 4S. It was slightly slower due to its substantial sliding glass roof panel, but otherwise it shared the upgrades of the standard C4S.

Aesthetically speaking, there are slight differences between the C4S and the C2S. The C2S's dual tailpipes were replaced on the C4S with a quad-tip design, and the 4S's haunches were widened by 44mm. The 997 C4S was wider than the 996 Turbo, which would help showcase things to come for the 997's upgraded Turbo model. Options, as always, were plentiful, featuring a wide variety of both form and function, such as the ceramic brake package – essential for combating brake fade.

All the mechanical tweaks would come together to create a C4S that stood out. It was the first allwheel-drive 911 to be faster around the Nordschleife than its rear-drive brother, managing to best the C2S by two seconds, in part due to the slipperiness of the C4S with its drag coefficient of 0.29.

In short, the C4S grew from a slightly better Carrera 4 into a seriously formidable vehicle. How could it get any better? Well, when 2009's model year rolled around, Porsche decided to show us exactly how much room for improvement there was.

Porsche has never been a brand to rest on their laurels; they are constantly looking for new ideas to give their cars the edge on the market. So it makes sense that their refreshed 997 (commonly referred to as the 997.2) would feature some of the newest and most interesting technological gubbins.

Moving back to aesthetics, the 997.2 hit the ground running with a facelifted front bumper that had larger air intakes. Just above it was

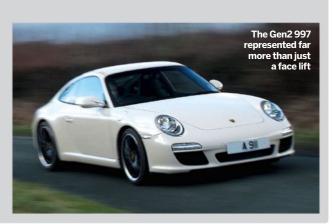




A DIRECT LINE

In 2008, Porsche brought out the Gen2 997 (the 997.2), which featured a number of prominent upgrades. The most important of these was the new directinjection flat-six motor. Direct injection has gained a great deal of traction in the last few years, and for good reason. By changing the location of gasoline injection from the intake tract to the combustion chamber, the precision of injection is increased, which allows for greater emission control and efficiency.

emission control and efficiency.
The new 3.8-litre motor in the 997.2
C4S improved power by 30bhp (to
385bhp) while increasing fuel economy
by up to 13 per cent and dropping CO2
emissions by 15.4 per cent.









BUYING TIPS

Even though the early 997's motor maladies are fewer in number than the 996's, it pays to keep a keen eye on any used car's service records as well as knowing how often it was driven. When looking to purchase a 997 Carrera 4S, look out for the following:

- **Gears:** The Gen1's two-pedal variant is equipped with the old Tiptronic unit, not the new PDK in the Gen2.
- Engine: The Gen2's new direct-injected motor eliminates many of the common concerns in the Gen1.
- Aesthetics: If you like a bit more vintage flair, the Gen2 4S also reintroduces the red reflective strip on the car's rear end
- IMS: The 2005 models are the most susceptible to IMS failure, with improvements being introduced in 2006.
- **PPI:** Get the car up on a lift for a pre-purchase inspection (PPI) in order to check for oil leaks another common issue.

upgraded headlight units, featuring an optional dual-HID projector setup. The 997.2 jumped on the LED bandwagon, with the addition of LED turn signals and a new LED tail lamp shape. The PCM system also received an upgrade, and the suspension featured several tweaks. Finally, in a move that harked back to its earlier iterations, the C4S received a distinctive reflective strip running between the taillights, differentiating between the two and four-wheel-drive models. Porsche's four-piston 'Big Red' brakes came as standard on the new C4S, which clamped themselves onto massive 13-inch cross-drilled and ventilated rotors.

However, there were three differences that would affect the C4S's abilities. The first and arguably most important upgrade came by way of a new motor. Replacing the outgoing unit was a direct-injected 3.8-litre flat six with a new Porsche Sports Exhaust (PSE) system. By changing the location at which the gasoline

was injected into the inducted air, the C4S's power output jumped to 385bhp and torque rose to 420Nm. Moreover, carbon emissions dropped and fuel efficiency improved significantly.

Another important technological upgrade was the removal of the Tiptronic S automatic transmission. At a time when performance automatics were being replaced with better performing automated manual transmissions, Porsche decided to join the group with the Porsche Doppelkupplung (PDK) dual-clutch transmission. With what is essentially two transmissions in one, the PDK took the C4S's performance and metaphorically supercharged it. In every test, the PDK outshone the traditional six-speed manual thanks to its lightning-fast shift times. As a result,

the facelifted C4S could rocket to 60mph in 4.3 seconds – a 0.2-second improvement over its three-pedal equivalent. However, the PDK's top speed was 183mph – 2mph less than the manual. It's rather impressive, given the 30kg hindrance of the dual-clutch gearbox. In addition, the PDK featured a Sports Plus setting that allowed for quicker shifting, as well as a new launch control setting.

The final upgrade to the 997.2 C4S came by way of a revamped all-wheel-drive system, and the traditional viscous coupling-based system was replaced with the electronic dynamic Porsche Traction Management (PTM) system. It's an active AWD system with a map-controlled, electronically variable multi-plate clutch, and includes two new systems: the automatic brake differential (ABD) and anti-slip regulation (ASR).

The new PTM system was capable of sending nearly all the engine power to either axle, giving the C4S an unparalleled level of grip. Drive power is distributed by means of the electronic clutch,



"I'VE GOT ONE"

"I traded from a 996 Targa to my C4S, and haven't looked back. It looks so much better, and the dashboard design is much prettier. Also, the wider body did it for me in the end. The grip is immense, and you can literally fly around curves, roundabouts and other tight bends without worrying about the back end swinging out. Overall, it is a sublime package, and I am already saving for the next incarnation of the 4S."

Maxie Islam

which is monitored continuously for lightning-fast response times. The system takes into account a variety of factors, including steering angle, wheel speed and lateral/longitudinal acceleration.

To expound on the aforementioned components of the PTM, Porsche's automatic brake differential operates once the wheels begin to spin. The ABD will brake the C4S's individual wheels based on which wheel has the higher level of slip. Its goal is to intervene within a fraction of a second to keep the car pointing the right way. The ASR system works alongside the ABD by adapting the vehicle's power output to create strong lateral stability.

All in all, both iterations of the 997 C4S featured serious improvements on the previous vehicle, coming together to create a serious all-wheel-drive contender for the street or track.





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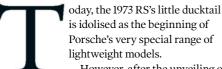
RACE CAR RIVALS

The GT3 Rennsport models are Porsche's most race-honed 9lls on the road, but just how close are they to their Cup car equivalents?

Wilhelm Lutjeharms
Photographed by Charles Russell

ND 23247





gearknob are the only noticeable survivors from the

However, after the unveiling of the inaugural RS, enthusiasts had to wait 18 years before the next RS model was launched in 964 form – forgetting, of course, RSR models. Porsche have since made sure that such a hiatus from RS has not happened again, culminating in the release of no less than four Rennsport models in the past nine years (the 996, followed by 3.6, 3.8 and 4.0-litre 997s) each model further cementing the RS as the very pinnacle of Porsche's racing-focused road cars.

The car that kicked off this modern series of RS models was the first water-cooled Rennsport, the 996 GT3 RS. Based on the Gen2 996 GT3, this RS

featured some important improvements, including the carbon fibre bonnet, rear wing and side mirror pods. More importantly, the suspension has been tweaked: different spring rates are available for optimised rear axle geometry and a 10mm reduction in ride height. According to Porsche, the power delivery is the same as the GT3, but dig deeper and you'll find the cylinder head features reshaped intake and exhaust ports.

The RS looks impressive, but the Cup is very much its bigger brother. A product of the Supercup, for 2002 the GT3-based race car acquired some upgrades to the previous 996-based Cup car, including an extra 10bhp and bigger 350mm discs, as well as lighter doors, windscreen and side mirrors. At the front, air inlets were reshaped to contribute a 15 per cent increase in air flow, while lift was

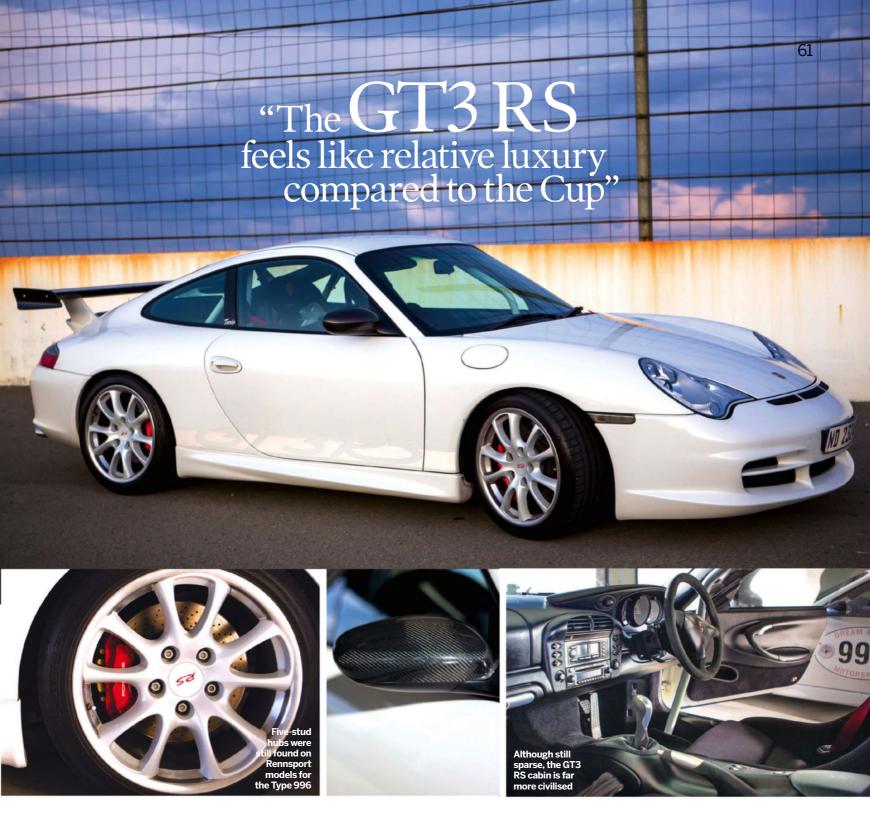
reduced by 25 per cent at the front and 40 per cent at the rear.

After a 4.30am start and 750-mile journey, the arresting sight of these two white 996s raised the pulses as I took a first look around them. The Cup car's rear wing looked more authoritative than the RS, but both demanded dominance on the road, and when parked parallel to one another, the sight was something to marvel at.

First, I lowered myself into the Cup car. Apart from the acrobatic challenge of getting in, once seated I physically could not move anywhere.

Admittedly, I do stand at six-foot tall, but nevertheless I am not particularly portly and yet the Recaro race seat held me snugly. I felt stuck.

However, I clipped the removable steering wheel into place and immediately warmed to the straight-



up, steering wheel-hugging driving position. The cabin is stripped completely, with only the switches and equipment necessary for racing remaining. However, the instrument cluster is similar to that of the road 911. Remarkably, you only need to turn the key to the left of the steering wheel to start the car; somehow I was expecting a more arduous task.

As soon as the engine started, the combination of that raw and hungry mechanical 911 sound entered the cabin. The gear lever, positioned to my right, is identical to that of the RS, but everything changes only a few inches further down as the stripped mechanisms unveil the finer details of the linkages.

I selected first gear and trundled along the racing oval to get back onto the inner circuit. It was then that I realised what the owner, Tania, was saying earlier in the day when capturing the rolling photographs for this feature. "Sorry, but this car can't drive that slowly," she repeatedly said, and certainly below 30mph it struggles – especially when the engine is still cold. Accelerate a little, though, and it's as if the car responds with a sigh of relief as the engine and gearbox immediately stop juddering. You can then hear every bit of dirt thrown into the wheel arches as you zip along, contributing magnificently to that exhilarating race car experience.

As soon as the full slick tyres left the dirty inside of the oval track, I pushed the throttle and short-shifted to third gear. The straight-cut gears make it such an intimate and visceral experience that it's impossible to not feel as if you're a part of the car.

My passenger talked me through the lines and corners of Phakisa Raceway while signalling with

his hand. I was glad of the latter, since I could not hear a word he said above 2,000rpm!

Grip levels are high in the Cup, but more importantly, the seam-welded chassis translates into a totally indestructible feeling from the driver's seat, the result of this being no body roll. Strangely, I have never felt so safe behind the wheel of a 911.

During the second and third lap, each corner started to look increasingly more familiar and I used more of the rev range and braked a little later. I wasn't getting near the 8,000rpm limit (surpassed Il years later by the road-going 991 GT3!), but even if you change near it, the harsh sound of the engine growl vibrates through your seat – and body – more than any road car would ever do. I made a mental note to myself there and then: next time, remember to bring some ear plugs!

996 GT3 RS

(2004)

Engine

Capacity: 3,600cc Compression ratio: 11.7:1

7,400rpm

5.000rpm)

Maximum torque: 432Nm @ 4,000rpm (284lb ft @

Transmission: six-speed manual, rear-wheel drive

Suspension

Front: MacPherson struts, coil springs, gas dampers, antiroll bar

Rear: Multi-link, coil springs, gas dampers, antiroll bar

Wheels & tyres

Front: 235/40 ZR18 tyres Rear: 295/30 ZR19 tyres

Brakes

Front: 350mm ventilated and cross-drilled discs, fourpiston callipers

Rear: 330mm ventilated and cross-drilled discs, fourpiston callipers

Dimensions

Length: 4,291mm Width: 1,775mm Weight: 1,360kg



996 GT3 Cup

(2002)

Engine

Capacity: 3,600cc

Compression ratio: 11.7:1 Maximum power: 400bhp @ 7,250rpm

Maximum torque: 480Nm @ 7,250rpm

Transmission: six-speed manual, rear-wheel drive

Suspension

Front: MacPherson struts, adjustable camber, antiroll bar (five positions) Rear: Multi-link, rigid suspended subframe, anti-

roll bar (four positions) Wheels & tyres

Front: 245/645 18 tyres Rear: 305/660 18 tyres

Brakes

Front: 350mm ventilated and perforated discs, sixpiston callipers

Rear: 330mm ventilated and perforated discs, four-piston

Dimensions

Length: 4,291mm Width: 1.775mm Weight: 1,140kg

Just before the sun set, I drove back to the oval where the photographer pushed ahead to take the final shots. Sweat had already formed on my head, owing to the Cup car's raw cabin which heats up quickly, but upon hopping into the RS the first sensation was of relative luxury.

The seat (with the Porsche emblem at the top) offers necessary support, as well as a welcome level of comfort. The sound system and instrument cluster underlines that this is a road car, albeit a serious one, especially with the full roll cage behind the driver. The interior is otherwise minimalist - in line with the 996s of the time.

This specific car is Tania's daily drive, used incredibly even if she needs to do the milk run. This relays a fantastic quality of build to the RS, with the Alcantara steering wheel showing few signs of its 37,000 miles of usage.

As we were on the track, the switch from lefthand to right-hand drive took little adjustment, and the gearshift action is fairly similar between the two cars. Obviously, there are no straight-cut gears in the RS, and it's very reminiscent of other manual 911s from the Nineties and beyond, but your left hand has probably not experienced a gearshift action so short and precise in another road car before. Porsche really do excel more than most in this department, which is crucial for the RS's credentials as a racer.

Although getting to grips with an RS on the limit around a track will take some practice, the joy of this car can be experienced earlier in comparison to the Cup car. This may sound the wrong way round, but in the RS you can enjoy the engine sound more, with no need for earplugs here.

At as low as 1,500rpm, there is already an unforgiving tone to the two exhaust pipes. As soon as the revs rise it gets more intense, but not to the extent of the Cup car, where your eardrums want to burst. Put your foot down at 2,000rpm, and you can experience all its glory.

As with the Cup car, there is also an 8,000rpm range to play with. Use the throttle enthusiastically and it's interesting to note how eager the engine is to rev - partly owing to its single-mass flywheel, which is not unlike that of the racer. Then, the moment you want to change gears, you can marvel in the short throws you are able to execute.

More similarities finally start to filter through. The brakes feel strong (as they did in the Cup), and if you know how to heel and toe you'll have a ball. In both cars, as soon as the brake pedal has been depressed about half way down, its travel range is parallel to the throttle pedal - perfect!

The steering is direct, more so than most sports cars of the first GT3's era. The front tyres bite the moment you turn the wheel, but after the Cup car the RS's steering feels a little removed.

996 CUP CARS FOR SALE

Spend some time researching Cup models on the internet and you'll quickly realise that it's not hard to get hold of a 996 Cup car: they are happily prevalent in the UK, Europe and USA. A few useful websites to visit are porschesport.com, specialistcarsltd.co.uk and racecarsdirect.com. In the UK, the price will depend on the car's age, specification and the type of refurbishment it has received, but prepare to pay around the £40,000 mark.

Eventually, the sun ducks below the oval circuit's rusty wall and we head back to the pits. As we reversed the cars back into the garages, I gave them one final look. These cars feel so compact compared to today's modern 991s, but isn't that one of their most redeeming features?

Porsche's hallowed 'RS' initials might stand for Rennsport, and as the lucky owners - and those who have driven them - will tell you, they offer a truly involving and memorable experience. But drive them back to back with a Cup car and you are almost transported to a different world. If you label yourself a hardcore track enthusiast, take the plunge and buy a second-hand Cup car. You will discover what top-level 911 performance is all about. 911



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If you want to safely compete on track, Time Attack might just be for you. Total 911 finds out just what it takes... Written by Phil Royle Photographed by Chris Wallbank















he UK's sprint and trackday scenes are rich with 91ls, but when it comes to high-performance competition, few can match the adrenaline of the Time Attack series.

Established in 2005, the aftermarket tuning sprint attracted a cult following – but it's a common misconception that they're solely for modified, big-budget Japanese cars. In fact, all marques of car are welcome, as director Glen Horncastle says: "Time Attack (TA) is a motorsport discipline where enthusiasts compete with like-minded owners in a safe and professional environment. In TA, you're not competing to be first across the line. It's a highly competitive motorsport, but the inherent risks involved in racing are, in the main, not there, as you are not running against other drivers door-to-door. All drivers are on track at the same time, looking to set their own lap times within their own space at their own pace."

Time Attack offers a huge range of classes to compete in, with many of them suitable for the motorsport-proven 91l, including the rear-wheel-drive and four-wheel-drive 'Club Challenge' classes.

For those with a more serious mission, there's a huge variety of 'Pro' categories, which include Pro Extreme, Pro, Club Pro, Pro 2WD and Prototype. Organisers say the aim of Time Attack's many classes is "to make any achievement relevant, meaningful and, more importantly, sporting."

Running with the tag 'It's not racing, it's Time Attack,' many petrolheads choose the sport, as Glen explains: "TA provides a professional motorsport environment with the knowledge that your pride and joy will leave the venue exactly the way it arrived. TA is foremost a gentleman's motorsport, and as such drivers work together where possible. Drivers may only overtake on the left, and on fast laps they must have their headlights on, so ensuring drivers in front can see them and marshals can also blue-flag the driver in front, meaning overtaking is as easy as possible."

The 2013 six-round championship first took place at Cadwell Park on 1 April, and will go on to visit Croft on 11 May, Snetterton on 9 June, Oulton Park International on 20 July Silverstone National for the Pro class round five on 8 September and Donington Park for the Club class round five on 14 September,

with the grand finale taking place at Brands Hatch Indy on 29 September. It's a fabulous mix of fast, open power circuits and twisty, narrow handling circuits, as Glen again says: "The circuits used are chosen so as to provide the best balance possible between the power and handling characteristics of the cars throughout the season."

Time Attack cars do not need insurance, an MOT or road tax to compete, and different regulations exist for the Club and Pro classes. Essentially, the Pro class runs requirements similar to any race series, with compulsory Nomex race suits, helmet, boots and gloves. Moreover, Pro cars must be MSA/ FIA caged and have an FIA race seat, harnesses, fire extinguisher, bonnet pins, external circuit breaker, laminated windscreen, towing eyes, engine and boot firewall, 105Db(A) exhaust silencer and lights, wipers and indicators. Meanwhile, Club Challenge drivers must have a Proban race suit, helmet, boots and gloves, and their car must have a passenger seat, harnesses, fire extinguisher, laminated windscreen, towing eyes, engine and boot firewall, 105Db(A) exhaust silencer and of course those lights, wipers, and indicators.





One of the biggest attractions is that with the series being focused on aftermarket tuning, modification regulations are extremely liberal. In fact, Pro cars can run pretty much anything, and many do run in excess of 900bhp. Many of the top-end Pro cars, often run by large UK tuning companies, use 'hired guns' from BTCC, European racing and other disciplines – so there's a chance to measure your performances against really top drivers. Modifications in the Club Challenge classes are less extreme, but still relatively free and focused, with only sequential gearboxes, carbon brake discs and nitrous oxide not permitted.

Sadly and surprisingly, there's only ever been a handful of Porsches in TA, but Glen would like to see more: "The 911 has a fantastic heritage in competition, and I know there must be many 911 owners who would love to enter competitive motorsport. Plus, if we have more than three cars within a specific class, we can run a marque-specific Championship class (within the main Championship). This would work fantastically well for the 911 in its 50th year of existence."

One man who has made the switch to Time Attack with a 911 is ex-motorcross national rider Simon Deaton. He first competed in the TA's Club Challenge class in a tuned, 450bhp 964 3.3-litre Turbo road car, which saw him get fourth in class, missing out on third by under a second. Then, in 2012, Simon competed in the same class as Danny

and Craig Winstanley in an ex-964 3.3 Turbo race car – ideal for sprinting, as Simon found out.

The man himself says: "I'd driven all sorts of GT3 and 9ll road cars in the past, but these were my first track 9lls. I found the car so rewarding to drive, mainly because they're not easy cars to drive at all. The 964 Turbo, like the GT2, has a reputation for being a widowmaker, but when you get used to them they are amazing – I couldn't believe the grip levels they can in fact generate."

The step up from a 964 Turbo road car to the race car was a big one, resulting in even better results including a second in class. Simon recalls: "This is an out and out race car. I'd already started to love the 964 road car, but the step to more horsepower was massive – it was faster and just as reliable, plus when braking it was like throwing an anchor out the window when you stop. It inspires confidence."

Simon has raced in all sorts of championships and owned all sorts of cars, but keeps coming back to Time Attack. He says: "TA is perfect. It's like a big family and you get on well with everyone. If your car breaks, everyone offers to help you get back out. I've been away from TA into proper racing and I've come back to this – and competing in the 911 is the best motorsport I've ever done."

Time Attack then is a wonderful place to enjoy competitive lapping in your 911. Get involved and experience first hand why the 911 is one of the most successful cars in motorsport history.

SIMON DEATON'S 997 GT3R FOR 2013



Having first toyed with a 996 GT3 Cup car, Simon hasinstead bought a 997 GT3R for his first foray into the Pro class for this year.

The 1,200kg 997 GT3R is fresh from the German Supercup, now dressed in Simon's eye-catching,

multi-colour, Toybox livery. It's the Weissach factory racing real deal, offering all the usual GT3 R killer kit:

- Larger capacity 4.0-litre, 500bhp, dry sump Boxer engine with Bosch MS management, racing exhausts and twin branch muffler with centred pipes.
- Paddle-shift sequential dog gearbox with pressurised lubrication system and active oil cooling, limitedslip differential, lightweight clutch with single-mass flywheel and ex-works traction control system.
- Full wide-arch body including a carbon-kevlar aero pack with covered flat floor, front spoiler, rear diffuser, wheel arches, doors, mirrors, rear panels and adjustable rear wing.
- Welded roll-over cage inside plus a racing seat, sixpoint harnesses, fire extinguisher, Motec dash, 100 Cell fuel tank and air jacks.
- 380mm ventilated steel front discs with monoblock six-pot brakes (front) with 355mm ventilated steel front discs with ally monoblock four-pot brakes (rear).
- Rays one-piece, forged alloy, lightweight 18-inch rims (11 front, 13 rear) with centre locks.
- SACHS two-way dampers, twin coil springs, adjustable platforms, camber-adjustable wishbones, double-blade ARBs and reinforced cross members, toe-rods, track rods and strut mounts.

Understandably, Simon is excited: "it's a proper beast of a car. Time Attack is a great testing ground, giving me time to get used to it before I go racing door-to-door. I'm not sure the crew are ready for the GT3R yet. They may think 'It's only 500bhp', but it's going to be quite a challenge for me!"



Legend Living the Living the Control of the Contro

Each month, we get to know our band of reporters as they share their real-life experiences with their 911s





hat a day, and what an event!
Organising a large gathering of
911s from around the country to
be in one place at one time is no
mean feat. On top of the logistical
challenges that many 911 owners faced in getting to
Silverstone, we had to collectively battle the elements
of mid-March wind, snow, sleet and rain on our
special day as the event took place in almost sub-zero
conditions. However, as you can see from the resulting
pictures – and 'money shot' – it was well worth it.

The mega meet was a collaboration between the

911uk.com forum and **Total 911**. Collectively, we wanted to bring as many 911s as possible together in one place for a huge photoshoot in time for the magazine's 100th edition – a fitting commemoration to a title that has been awarded 'Best Magazine' by our 911uk members for a fourth year running.

I had previously mentioned a plan for a large gathering of 911s in one of my 'Living the Legend' reports from a previous issue. Once it had been decided that the Silverstone circuit would and could agree logistics for both forum and magazine, we decided to lock horns with this famous racing track. But how exactly do you organise such a momentous gathering of Stuttgart's finest product, I hear you ask? The story is as follows.

I arrived at Silverstone at 9.30am, the temperature was about 2°C, and a trackday was already in progress. Some members from 911uk were actually already booked in to do this, including my fellow moderators. We had forum members turning up

from as far north as Lancashire and as far south as Bournemouth, with a great collection of modern and classic 911s giving us a great mix of Porsche's favourite sports car. Despite the weather, forum members were in great spirits as numbers swelled in the rooms above Silverstone's magnificent new 'Wing' complex. Owners were alight with 911 talk, and the complementary copies of this fine publication's previous issue at hand ensured 911 mania was reaching boiling point as we approached the hour of the group shoot. Meanwhile, editor, photographer and forum moderator Sundeep were busy sketching up plans on how to position the cars in order for each 911 to be visible enough from the photographer's crane.

Such positioning can take a considerable length of time, and while we were all sitting snug in our cars – heaters on full blast no doubt – each 911 was carefully beckoned out of the holding lot and onto the main location for the group photoshoot. By this time, the 911 trackday drivers took this as an opportunity to





Owner: David Knight How long owned: 6 years

Interesting fact: The car was an impulse purchase! No

regrets though, I love driving it.



Owner: Malcolm Ellis How long owned: 18 months

Interesting fact: Fully specced, including carbon fibre-

backed sports seats.



Owner: Lea Churchill

How long owned: 2 and a half years

Interesting fact: Previously owned by a Porsche-loving doctor who crashed her 993, so wanted a four-wheel drive.



Owner: Mat Sleightholme How long owned: 18 months

Interesting fact: This car's lightning fast, but people still want to race! I've had other Porsches, but this is my first 911.



Owner: Russell Wheatley How long owned: 2 years

 $\textbf{Interesting fact:} \ The \ previous \ owner \ was \ a \ carpenter \ with$ the appropriately named company 'Carrera Carpentry'.



Owner: Mike Parry How long owned: 4 months

Interesting fact: This is my first ever 911, and it's fast –

super fast, in fact!



Owner: John Hutchinson How long owned: 14 months

Interesting fact: As 911 connoisseurs will know, this model

is extremely rare.



Owner: Martin Hill

How long owned: 2 and a half years

Interesting fact: Features factory aerokit and X50

upgrade, only covered 25,000 miles.



Owner: Sundeep Nischal How long owned: 2 years

Interesting fact: Completely standard and a perfect trackday training car while my 964 RSR is being built.



Owner: Rob Hetherington **How long owned:** 3 years

Interesting fact: Done more mileage attending 911uk meets and Le Mans than anything else since I've had it!



Owner: Rohan Charitra How long owned: 2 years

Interesting fact: Animals love my car – it's been attacked by foxes twice! Expertly paint corrected by Jay at SOS Detailing.



Owner: Darren Walker How long owned: 4 months

Interesting fact: It's mine, all mine! My previous car was a 2006 997 Carrera S Cabriolet, but this is my dream 911.



Owner: Maxie Islam

How long owned: 2 and a half years

Interesting fact: I wrote this article! My car is specced to the hilt - catch my updates every month in Living the Legend.



Owner: Rob Basset How long owned: 3 years

Interesting fact: A very different animal from my first 911, a

1999 996 Carrera 2



Owner: Tim Selim How long owned: 4 years

Interesting fact: Slate grey, this car has the X51 powerkit and

some nifty modifications.







"The day was rounded off splendidly with individual owner

shots. I get the feeling that these photos are going to be enlarged, framed and hung in people's living rooms up and down the country – I know mine will be"



join in the photoshoot. Assembling the cars together was like something you will have never witnessed before. I had thought the task would simply be to drive, position and park. But no; while the photographer was up on the gantry of the cherry picker, walkie-talkie in hand and instructing, the editor was on the ground with the receiver and duly executing said instructions concerning the angle and position of each car in relation to the all-important camera. Cars were gently coaxed into position, back and forth until they were millimetre perfect, angled left and right until the aesthetics from that elevated cherry picker satisfied the eyes of the photographer. I have never seen anything quite like it before.

While this was being executed, a crowd of onlookers had gathered – albeit from the warmth of the indoor dining areas of the surrounding buildings. All I can say is that I was lucky enough to be part of those proceedings rather than just looking in. The idea was to mix all generations of 911 into a certain contrast; it

was definitely old with new. All 964, 993, 996 and 997 models were represented in their various Turbo, GT, Cabriolet and Coupe variants. We were also treated to some 911s from an earlier era including an SC Targa

and a Carrera 3.2.

I believe the positioning must have taken in excess of an hour to do. Once all the cars had been parked, everyone was asked to leave their vehicles so that the shooting could commence. Once completed, a further group shot was taken, but this time with all the owners standing next to their cars.

The day was rounded off splendidly with individual owner shots in front of The Wing's dramatic front

entrance, and I get the feeling these photos are going to be enlarged, framed and hung in people's living rooms up and down the country – I know mine will be!

Track time throughout the day provided action for those who wanted to pit their 911 in one of its most accepting environments, and plenty of forum members were willing – all I can say is that I drive like a granny in my 997 compared to Tony in his 993!

The magazine and forum plan to hold further group meets later in the year, hopefully in warmer weather!
Certainly, the occasion made for a fitting tribute to the 100th issue of **Total 911**, a fantastic landmark for a fantastic magazine. Here's to the next 100.





Owner: Vinny Canakiah How long owned: 4 years

Interesting fact: This one's supercharged! You won't know until you hear the whine...



Owner: Paul Augen How long owned: 2 years

Interesting fact: It is exceptionally quick, with the current market offering incredible car for your money.



Owner: Parvin Mathur How long owned: 3 months

Interesting fact: The car is finished in the same colour

interior as the 997 Sport Classic (Cocoa).



Owner: Paul Smith How long owned: 1 year

Interesting fact: Looks convincingly like the real thing! No power steering proved hard when positioning for the shoot.



Owner: Dan Kitchener How long owned: 3 months

Interesting fact: I'm led to believe that the colour of the car,

Lapis blue, is, in fact, a rare shade.



Owner: Graham Settle How long owned: 1 month

Interesting fact: It is completely standard except for a CD radio in place of the original Bremen cassette radio.



Owner: Gavin Phillips **How long owned:** 1 year

Interesting fact: It's an interesting car, though my all-time favourite 911 is a 997 GT2RS.



Owner: Steve Clarke How long owned: 6 months

Interesting fact: Completed a trackday at Castle Combe

six days after collecting it.



Owner: Paul Winter How long owned: 2 years

Interesting fact: The car is standard, although the alloys

have recently been powdercoated.



Owner: Ashley Thompson How long owned: 6 months

Interesting fact: My car is the second-generation 997, featuring a facelift and updated Direct Injection engine.



Owner: Mark Flook

How long owned: 2-and-a-half years

Interesting fact: 550bhp, I've done 50,000 miles in it since July 2010 and the worst thing to go wrong is a split water pipe.



Owner: Vincenzo Berlingeri How long owned: 18 months

Interesting fact: Complete history recorded, including brand of tyres, mileage, ignition illumination etc. Very cherished.



Owner: Tony Clinch How long owned: 7 years

Interesting fact: RS spoilers front and rear, 18-inch split rims,

300bhp+ remap. I also have a 1990 964 C2.



Owner: Sean Lawry **How long owned:** 2 years

Interesting fact: This car will be featured in the first episode of *Fifth Gear* (Series 23) in the summer.

Thanks

Thanks to Silverstone for hosting the 911 mega meet. Silverstone has a number of exciting trackdays in 2013 that you may wish to try: 'Your Car, Our Track' on 6 May features an open pit lane and free instruction during the familiarisation laps, with extra instruction also available.

15 July sees Silverstone's 1st Supercar Track Day, with 50 per cent less cars being booked for the full Grand Prix circuit than usual.

For more information on all of Silverstone's events, see the website: www.silverstone.co.uk.



Ben Przekop • Georgia, USA 2007 911 GT3

This month: A splendid weekend out

Date acquired: July 2012

Last report: Issue 99

Total miles: 12,510

Costs: £6,650 (HRE wheels and tyres)



otally surreal: that is the only way to describe how it feels to walk down a perfectly manicured fairway of a seaside golf course on a lovely spring morning, surrounded by hundreds of rare and exotic cars while chatting with a world-famous automotive legend. "How cool is this?" I thought to myself that Sunday morning at the 18th Annual Amelia Island Concours d'Elegance, held on the grounds of the Ritz Carlton Hotel and the Golf Club of Florida's Amelia Island.

Our weekend started on the Thursday when I picked up Geoff from Atlanta after his flight from Chicago, and we headed south in our recently repaired GT3. I had just installed a set of HRE P40 wheels shod with Michelin Pilot Super Sports for 'street use' such as this six-hour drive to Florida, and throughout the 990 miles that weekend the car performed brilliantly. I couldn't have been more pleased with the ride and handling, and the HRE wheels looked fantastic.

We arrived at our Amelia Island hotel just in time to unpack and take the short drive to the Ritz Carlton, which would be action central for the weekend. The sun was setting as we made our way down the long driveway with huge oak trees draped in moss arching over the road like the vaulted ceiling of a cathedral. Shivers ran down my spine as we entered what can only be described as an automotive holy of holies. There were already dozens of tents on the fairways for vendors and automobile companies, and arranged around the circular drive in front of the Ritz was a

"There were already dozens of tents on the fairways, and arranged around the circular drive in front of the Ritz was a jaw-dropping collection of new and vintage cars"

jaw-dropping collection of new and vintage cars. What to look at first? The Fifties Bentley Continental in gleaming black, or the BMW Motorsport-liveried McLaren F1 GTR racer?

Friday morning saw us back at the Ritz browsing the many vendors of motorsports books and memorabilia on display. Stepping outside to the oceanfront lawn, we enjoyed another morning coffee while looking over the RM Auction cars that would be offered on Saturday morning, including a Carrera GT, Ferrari 275 GTB and Maserati Ghibli to name a few. We shared our thoughts on the timeless question: "If money were no object, which one would you buy?" Unable to reach a consensus, we decided to pass on the auction. Perhaps next year.

The afternoon's highlight was the Porsche 911 seminar held in a packed, standing roomonly main ballroom. The names on the panel should give you some idea of what great anecdotes and stories were shared: Peter Schutz, the Porsche President in the Eighties who saved the 911; Harm Lagaay, the great



stylist behind so many models; Jeff Zwart, the Porsche filmmaker and photographer who recently set a record at Pikes Peak in a GT2 RS, and legendary 911 drivers such as Hurley Haywood and Vic Elford. Hurley's story about the seagull that shattered his Carrera RS windshield while he was going down the back straight at Daytona during the 1973 24 Hours race was just one of many great tales told, and yes, he won the race!

An early return to the Ritz on Saturday morning was rewarded with second row seats right behind the family members of the panel members, which included Dan Gurney, Bob Bondurant, David Hobbs, Brian Redman, John Horsman and Lee Holman. Again, the stories they shared were truly priceless, with Hobbs and Redman often rivalling each other for the most outrageous tale! We spent the rest of a sunny Saturday afternoon taking a drive to Jacksonville, Geoff's birthplace.

For the Sunday concours, I had secured special 'early admission' passes, which would give us a chance to enjoy the cars before the



crowds turned up. As the sun rose, we walked along the 18th fairway among the entrants. We stopped to chat with friends old and new, including Peter Schutz, with who we had a lengthy discussion about his time as President of Porsche. We also caught up with Zwart, who was showing his beautifully restored 1971 Porsche 911 STR, built by the Porsche factory for the East African Rally. Other favourites included a very early 901 in Signal Red, which had been restored by none other than Alois Ruf, and would deservedly go on to win Best in Class honours, as well as the Porsche Museum's own 1984 Rothman's Porsche 953 4WD, which won the Paris-Dakar Rally.

After 90 minutes of relative solitude, the gates opened and our private car show of just a couple of hundred insiders was invaded by 30,000 spectators! Although the grounds were packed, you could not find a nicer or more polite crowd, and the warm, sunny Florida weather could not have been better. Quite like the cars, actually; just perfect.





Maxie Islam • Stevenage, UK 2006 997 Carrera 4S

Date acquired: August 2010 Last report: Issue 98

Total miles: 37,000

Costs: £1,200

s soon as we turned the page into March, the sun came out to play, temperatures reached double figures and many of us thought spring had arrived. Then the following week, dark clouds loomed and we had snow! This hampered our efforts to do the grand photoshoot at Silverstone over a very cold Sunday, where temperatures were near freezing all day. However, we managed to pull it off, and photos should be proudly on display elsewhere in this special centenary issue of **Total 911**.

I say 'we', as the 911uk.com forum was heavily involved in this collaborative effort with **Total 911** to gather as many 911s together on the day.

In time for this prestigous meeting of 911s, I had a couple of things done to my own 997. Ever since I bought my car, I had always wanted to change the wheels to something

This month:

New Carrera Sport wheels and a renewal of insurance

a bit more special, like the Carrera Sports alloys rather than the standard Carrera S items. My local Porsche Centre would happily relieve me of the £3,800 it costs for a brand new set of these including tyres, but I wasn't certain that this was a particularly sound investment on my behalf.

However, as my luck would have it, the esteemed wheel refurbisher, Exel Wheels, just so happened to have a set of genuine Carrera Sports in the wide-bodied fitment available. I immediately jumped at the chance and enquired how much it would cost to do a part exchange. After some negotiations, Exel took my existing wheels and tyres in exchange for a set of newly refurbished Carrera Sports alloys and tyres with 6mm and 5mm tread. My old tyres were in need of replacement anyway, and besides, they were running Michelins front and Bridgestones rear. I now have Bridgestones all round – not

too unreasonable for the £1,000 I parted with for the new set

The car has been transformed for the better, and the comments I have had have been very complimentary thus far. The ride is better than before (probably due to now running matching tyres!), and I don't feel much difference in the unsprung weight. My car has the optional Tyre Pressure Monitoring (TPM) system; prior to the exchange of wheels, Exel had to take out these particular valve stems, which meant running on a different set of wheels prior to fitment of the Carrera Sports, so I was lucky enough to experience some Turbo 997 alloys in the interim period. These alloys are of a forged design, and are lighter as a result. This made my car more agile in terms of brisker acceleration and even gave me an approximate 2miles per gallon increase in fuel economy.

This month's

updates from our Living the Legend contributors



Chris Wallbank

2005 997 C2S Cabriolet Date acquired: November 2012 Total miles: 23,230

Costs this month: £85

Lowlights: Not been able to get the car out on the roads for a few weeks now due to the bad weather and snow we've had up in Yorkshire!

Highlights: Getting a cracking insurance deal for the 997S with AdrianFlux.co.uk. Those guys are great when insuring a Porsche!



Ross Kirkman

Date acquired: 2009 Total miles: 95,600

Costs this month: Fuel

Lowlights: There are a few minor niggles I keep promising myself I'll sort, some mechanical and some cosmetic – the heater for one!

Highlights: With the British weather improving, I can start to bring the 3.2 out to play again as well as using the 996.



Tony McGuiness

Costs this month: £1,480

Lowlights: Taking a dent from a stone on the front near the Porsche Crest. Small ding that fortunately was removed by a specialist.

Highlights: A spring weather drive over the Ortega Highway 74. Lots of turns and elevation changes on a challenging highway.



Gina Purcell

Costs this month: £90 + fuel

Lowlights: The heater unit is away being repaired. Hopefully it can be resurrected to functionality, or I'll be investing in thermal underwear!

Highlights: Enjoying the BS Motorsport open day and drooling over 911 S/TRs, RSs and RSRs in all their glorious Seventies colours



Kris Clewell

Costs this month: £3,265

Lowlights: Realising my tiny steering wheel is so small that I can drive with handcuffs on. Not that I'd try it, mind.

Highlights: Watching the salt go down the storm drain. Winter has gone and summer is here, so the car is due to grace the road again.



Maurice Tillaard <u>972 911T RS Hot Rod</u>

Date acquired: February 2012 **Total miles:** 0

Costs this month: £51.60

Lowlights: I made a logbook for my car where I documented every mile, and I can't find it anymore; I somehow lost it over the winter

Highlights: The car should be back on the road after its winter sleep by the time you read this. Expect a detailed update next issue.



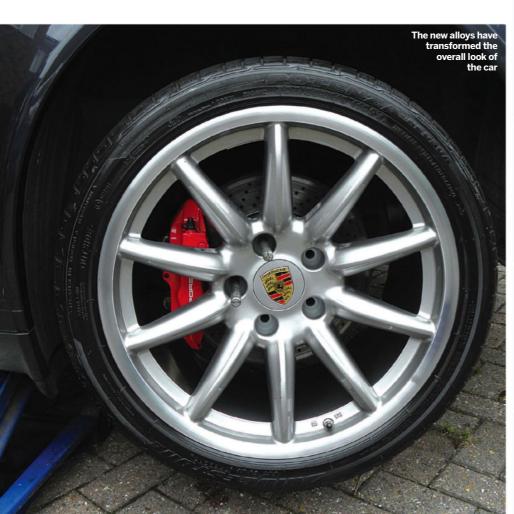
Ben James

Date acquired: March 2012 **Total miles:** 47,990

Costs this month: Fuel

Lowlights: The car has been garaged over a long winter and hasn't seen the light of day for months.

Highlights: Lots is planned for this year with the GT3: trackdays, a good detail and a few modifications. First, an annual inspection.



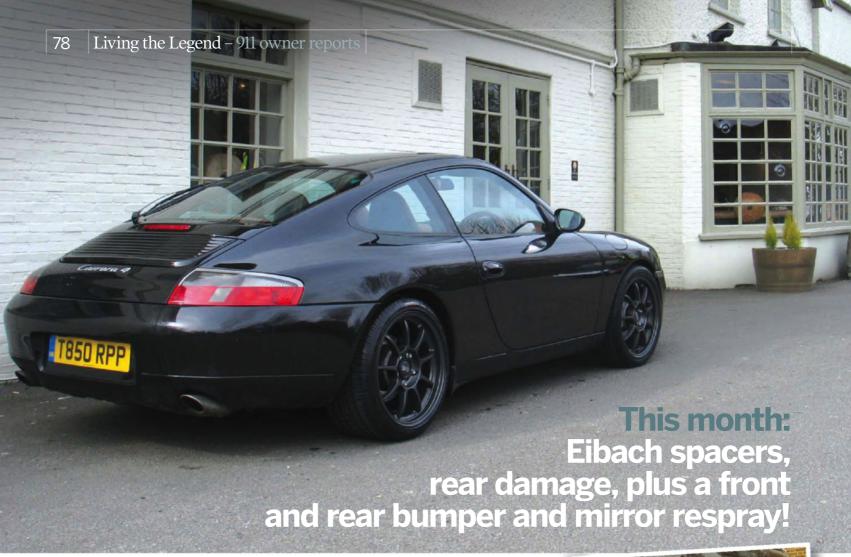
"Ever since I bought my car, I had always wanted to change the wheels to something a bit more special like the Carrera Sports alloys rather than the standard Carrera items"

The other visual enhancement came courtesy of Spectral Print. Having seen some work they have done to other cars like carbon fibre wraps, I wanted something similar - only more discreet - done to my car, as I don't like straying too far away from originality. They came up with the idea of wing-mirror transfers; something a bit different and easily peelable should the next owner of my car not like them.

While this was going on, my insurance renewal premium came through the post. The renewal premium for the 997 was £580 - almost what I paid last year. However, I had heard rumours that insurance premiums in 2013 should be less than in 2012, so I checked price comparison websites and hunted around for anything that alluded to hearsay. One of the companies near the top of the list was A-Plan. Should my car be knocked for any reason, it would go to an

OPC for crash repair damage. I liked both this feature and their premium, which at £450 represented something of a saving. My mileage is capped at 6,000 miles per annum on this policy (I have covered 10,000 miles in two years), so I'm delighted.

Meanwhile, stories of bore-scoring have reared their head again. After reading about this in Joel Newman's excellent article in Issue 97 of Total 911, I decided to take the step of ordering a low-temperature thermostat for my own M97 unit. At the time of writing, I have just received this and will be fitting it shortly. It includes a gasket and housing, and allows the engine to run at cooler temperatures. The water temperature gauge reads 83°C (181°F), but the thermostat brings this down to 71°C (160°F) according to the advert. I shall report back on my progress and let you know if the extra money was worth it!



Joel Newman London, UK



Date acquired:
December 2011
Last report:
Issue 98
Total miles:
94,780
Costs:
£2,087

hings have been a little quiet on the 996 front, as the old girl was on the receiving end of a low-speed rear end shunt. While sat at a set of red lights, a lady with her mind on other things decided to use my vehicle to bring her to a stop. The result: I needed a new rear bumper, rear drive belt, idler roller pulley and water union pipe.

The umming and erring between myself and the third-party insurers left my car in a state of limbo, and even when the case was about as straightforward as I imagine you can get, it still took six weeks for anyone to lift a finger. Once liability had been confirmed, I collected the car and took it to my own garage, Portiacraft, growing tired of the ongoing mess. I thought I may as well use the opportunity to get a few other minor areas touched up. I had the front bumper resprayed as well as both wing mirrors, on top of the replacement rear bumper, plus an oil service and filter replacement.

In the past, one thing mentioned to me was that my wheels sat too far back within the arches, which affected the overall look.



In essence, the wheels looked too narrow for the car (my OZ Wheels are OEM fitment front and rear, so this would also be the case with my OEM 'Turbo' wheels).

Digging around on a few forums, I was pointed in the direction of Eibach, who have developed a range of hub-centric spacers which bolt directly onto the hub (wheels then bolt onto these spacers, not through them) that not only help push the wheels out for an aesthetic improvement, but also widen the track of the vehicle, which in turn improves traction and reduces body roll.

One phone call to Revolution Motorstore later, and I had some solid advice. It seems that 15mm up front and 18mm at the rear was a 996 fitment that would see the wheels sat in line with the arches, so I ordered a set along with some extended bolts. 48 hours later and they were in my hands. First impressions of the Eibach Pro-Spacers were excellent, fitting was child's play, and



within 20 minutes all my wheels were back on the car.

The results – well, I will let you decide for yourself, but in my opinion this small touch has made the world of difference. From every angle the car looks better, with the flared rear arches hunched over the wheels as precisely as you could wish for.

In terms of handling improvement, I can't tell you at the moment, as the car was shunted just a few hours after the last wheel bolt was tightened. However, I have booked myself on Andy Walsh's Car Limit handling course, so I should be able to offer some comment shortly. I've also ordered a set of new Pirelli PZero Rosso rubber for the rear, and I'll tell you how I get on with those too.

What I can say is that I have the car back, and I'll let the photos do the talking regarding the new paintwork; big thanks to Portiacraft for all their help in my time of need – and boy, isn't she starting to look great?



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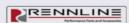
















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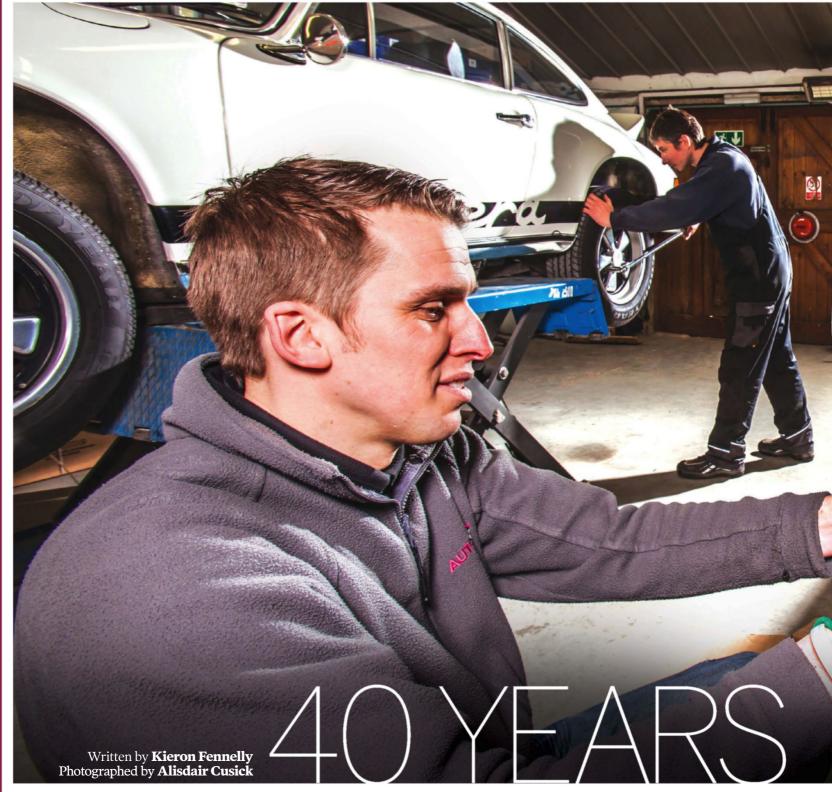
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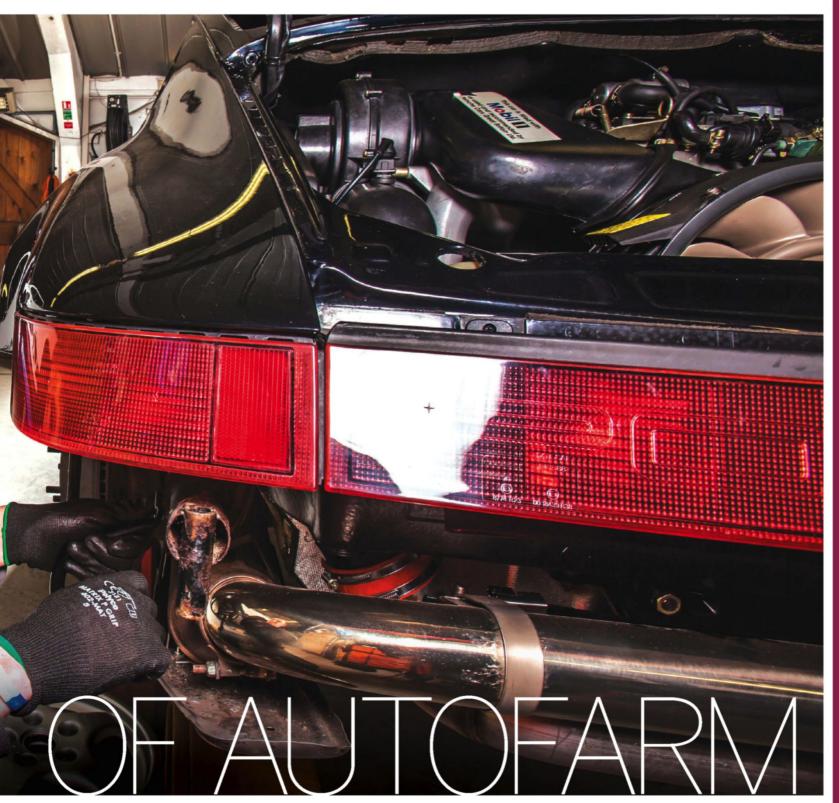
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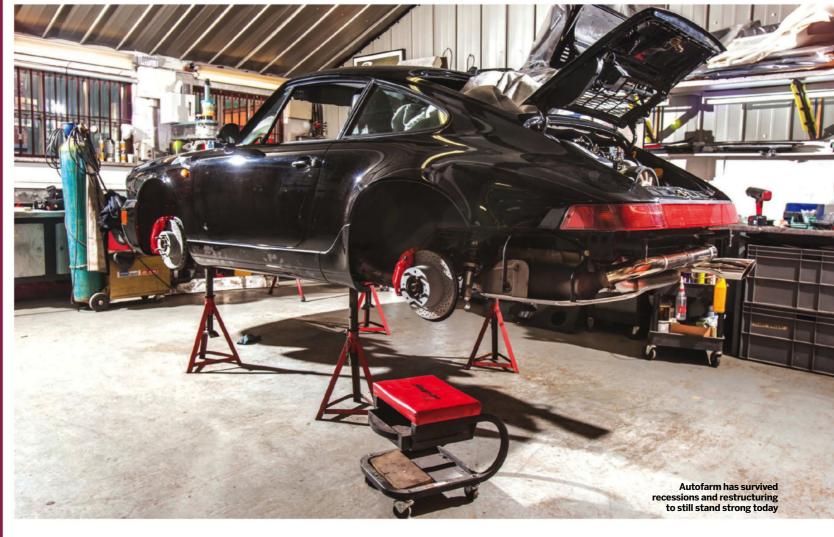
Total 911 pays homage to one of Britain's most revered Porsche





restorers and racers, now celebrating four decades of existence





hen it comes to air-cooled Porsches, Autofarm's reputation extends beyond British shores. Such wisdom is hard earned, as demonstrated by their own rise, fall and resurrection. From modest beginnings, the company grew to the point where it was not only a Porsche specialist, but also a Saab and Suzuki distributor with over 40 employees. After liquidation following the Eighties recession, virtually all that remained was founder Josh Sadler's address book and a pile of spares. Yet the phoenix would rise from the ashes.

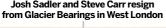
30 years earlier, things had looked very different. Sutton Coldfield schoolboy Josh, his passion for cars fuelled by trips to Prescot and Silverstone, got his

driving licence. As soon as he had the means, he would go racing. At Birmingham University, where he studied mechanical engineering with future F1 designer Harvey Postlethwaite, Josh worked on the suspension of Postlethwaite's car, and the latter reciprocated by fettling the engine of Sadler's car. An engineering apprenticeship followed, and by 1968 Josh was a development engineer at Glacier Bearings of West London. Sitting at the desk opposite was Steve Carr, another sports car-mad engineer, who between them spent a considerable amount of time planning their competition careers and how to create a business to pay for their racing habit. Meanwhile, Glacier's R&D department, of which Josh was in charge, was also serving as their unofficial workshop.

By 1973, the pair had set up shop in a ramshackle garage in Iver. Another colleague from Glacier, Jack Phillips, joined them, and soon the fourth member of the original Autofarm quartet, Mike Evans, would jump ship from the local Mercedes garage.

By happy coincidence, a scrapyard was situated next door, where one day Josh spotted a Fairthorpe Electron in the yard. An insurance company had written off the little plastic kit car because a door had become detached, but Josh could see there was little else wrong so, used to working on Lotuses and Reliants, rebuilt the Fairthorpe and resold it. Steve Carr appeared with a 911, similarly written off because of minor frontal damage. Josh recalls that it was a 1968 'A' series car and AFN (the importers) could offer only parts for post-1969 cars, and nobody



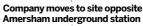


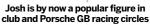
on the Autofarm



Autofarm established at Iver. Josh begins racing 911s

1973













else in the UK seemed to have spares. All it needed essentially was a wing. Seeing an opportunity, Josh and Steve commandeered Jack Phillips's Cortina Estate car, drove to Duisburg and filled the car with Porsche spares from a dealer who also put them on to a wholesaler in Krefeld, which marked the beginning of the 40-year affair with Porsche.

Sadler knew little about the Stuttgart make before this, but their timing was good: the Porsche market in Britain was starting to take off. Autofarm became a marque specialist, and within a couple of seasons he and Carr would no longer be racing Clubmans' U2s, but 9lls.

Iver was soon replaced by new but equally modest premises in Amersham. These were the formative years, when they were still "young and

"The market took off and Autofarm became marque specialists"

hungry," as Josh puts it. "We never really gave development of the business much thought," he recalls, "Steve and I both raced incessantly, and he even went and bought a small plane."

As the lease reached its end, they began to think of the next move. By now, Autofarm was well known in Porsche circles, and a club member approached them advising to sell the lease which, together with his financial backing and a loan, would fund the next move. So in 1987, Autofarm

upped sticks once again, this time to a four-acre site at Tring where they took over the local Saab and Suzuki franchises. Josh is candid about their business strategy: "We planned to build up the franchises and play Porsches off the back of it."

They might have pulled it off had the economy not gone into a wild upward spiral as both property prices and classic cars shot up in value. Then interest rates started going up, recession loomed and by March 1991 Autofarm was insolvent. It was a

1988

Autofarm takes over Saab and Suzuki franchise at Tring Recession sends Autofarm into liquidation.
Directors Sadler and Carr go their separate ways

Sadler re-establishes Autofarm in his garage. Jack Phillips joins him

Reduced to five people, Autofarm rents premises at Oddington Grange, its present home







painful time, but far from exceptional. Porsche UK had stockpiles of unsold 964s and Zuffenhausen would declare over 1,000 redundancies. Josh feels that they were fortunate: their generous, Porsche-owning financial partner bore the brunt of the losses and Josh and Steve kept their homes. Crucially, the settlement allowed Sadler to recover not just a considerable inventory of spares, but all the Autofarm customer records.

Autofarm's reputation would save it, and as work came in from old customers, before long Josh was running Autofarm from his home. Happily, the Sadlers' neighbours tolerated this unregulated enterprise until the reborn company had sufficient momentum to afford a proper base. In August 1993, Autofarm took up residence in a converted barn at Oddington Grange, mid way between Bicester and Oxford. Finally, Autofarm really was on a farm, and has been there ever since.

Steve had gone his own way, but Mike and Jack returned and by the millennium Autofarm boasted a dozen employees. One of those was Nick Fulljames, who would develop the Silsleeve repair for 996 and Boxster engines. Josh's heart, however, was with the air-cooled design, and once Autofarm had established an equilibrium he began to think of the retro-dated 911 design that would become the famous 're-creation.' The Autofarm RS re-creation was received enthusiastically by testers, and the concept would develop into a significant business, thanks in no small part to Autofarm's credibility.

The last decade has seen Autofarm expand from servicing air-cooled Porsches to encompassing the requirements of more modern 911s and Cayennes. These days, project manager Mikey Wastie, a 13-year Autofarm veteran and Josh protégé, oversees the engineering side, and Steve Wood, a racer with the Brackley-based Wood-Scott team, is workshop manager. But if day-to-day management is in the hands of an experienced younger generation, Josh has no intention of going quietly. As I leave Oddington Grange, he is filling in his driving licence form: 70 in a few weeks, he has to reapply, but surely this can be done online? "If you want to carry on being able to drive a 7.5-tonner or pull a trailer, you have to fill out the paper form," he explains. Does he still have a racing licence? "Oh yes - that's already been renewed for 2013!" With a little help from his friends, the story of Autofarm is really the tale of a man called Josh Sadler.

JOSH SADLER



Where does your interest in cars and motorsport come from?

My grandfather - I'm told, because I never knew him - raced a Sunbeam. However, my godfather used to take me to Shelsey and Prescot, and I remember a grand prix at

Silverstone in the early Fifties.

You studied with Harvey Postlethwaite. Yes, we were great friends. Heft Birmingham with just a BSc, but Harvey stayed to do a doctorate. It was a great loss when he died aged only 55.

Glacier was your first proper job. It sounds like a very reasonable employer.

Yes, we got away with a lot. On the day that Exchange & Mart (the main conduit then for buying and selling cars) came out, Steve Carr and I used to fight over who got to to use our one telephone first!

Whose idea was it to buy and do up cars?

It was Steve who hit upon acquiring insurance writeoffs and reselling them. It does make us sound like criminals but there was no legislation then, and cars like that Fairthorpe and our first 911 had really nothing wrong with them

Porsches became your stock in trade.

Our business philosophy was geared to working on customers' cars to pay for racing. We used to buy second-hand Porsches from a dealer and customise them. They were known as our tart traps!

And you had fun...

Yes, we had tremendous fun. It didn't always make sound business sense, and we came badly unstuck. But I was lucky, and we had many loyal customers, so here we are doing what I have always wanted to do.

Do you have any regrets?

If I have a regret, it is that I didn't find a British margue to champion as we have with Porsche. We could never compete on equal terms with, say, Kremer, because they were in Germany, so could work directly with Porsche.

How important has Silsleeve been?

It's a successful piece of engineering, but the main benefit has been introducing the water-cooled generation cars to Autofarm.

You are now of an age when many might think of retiring. What happens next?

What else do you do with your life? I shall carry on!

2000

Builds first proper RS 're-creation' from flood-damaged 1989 3.2 Coupe 2005

Markets Silsleeve repair for 996 and Boxster engines

2007 Autofarm now increased

to 17 people

Steve Wood appointed workshop manager; Autofarm's 40th birthday and Josh's 70th







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Tiptronic

2008/58, 9k miles, Aqua Blue with Black Leather, PCM 3 – Sat Nav, Bluetooth Phone Prep, Sports Chrono Pack Plus, Sports Bucket Seats, BOSE Sound System, Park Distance Control, 3-Spoke Multifunction Steering Wheel, 19" Turbo Alloys with Crests, PASM, On-Board Computer, Climate Control. £63500



Porsche Cayman S 3.4 Sport

2009/09, 7k miles, Orange with Black Leather, Sports Chrono Pack, BOSE Sound System, Heated Sports Seats, Park Distance Control, Short Shift Gearbox, 19" Black Carrera Sport Alloys with Coloured Crests, PSM, On-Board Computer, Climate Control, Limited Edition Number 392 of 700. £31995



Convertible

2008/58, 29k miles, Meteor Grey with Black Leather, PCM – Sat Nav with Phone, Electric Memory Seats, BOSE Sound System, CD Multichanger, Park Distance Control, 19" Carrera Classic Alloys with Coloured Crests, PSM, On-Board Computer, Climate Control.



Porsche Boxster (987) S 3.4 Gen II

2010/59, 23k miles, Basalt Black with Black Leather, PCM 3 - Sat Nav, Bluetooth Phone Prep, Heated Seats, BOSE Sound System, Park Distance Control, 3-Spoke Multifunction Steering Wheel, 19" Turbo Alloys with Porsche Crests, PSM, Aluminium Dials, Climate Control.



Gen II 2009/59, 32k miles, Meteor Grey with Black Leather, PCM – Sat Nav, Bluetooth Phone Prep, Heated Seats, Red Seat Belts, Dynamic Cornering Lights, Park Distance Control, 19" Carrera Classic Alloys with Coloured Crests, PSM, On-Board Computer, Climate Control.



2006/06, 30k miles, Midnight Blue with Ocean Blue Full Leather, PCM - Sat Nav with Phone, Switchable Sports Exhaust, Aluminium Dials, Electric Memory Seats, Park Distance Control, 19" Carrera Classic Alloys, PASM, PSM, On-Board Computer, Climate Control. £32995



Porsche Cayman S 3.4 Sport

2008/58, 49k miles, Basalt Black with Black Leather, PCM - Sat Nav with Phone, Sport Chrono Pack Plus, Heated Seats, BOSE Sound System, Park Distance Control, 19" Black Sport Design Alloys with Coloured Crests, PASM, PSM, On-Board Computer, Climate Control Limited Edition Number 059 of 700. £27995



Porsche 911 (996) 3.6 Turbo Coupe Tiptronic

2002/52, 51k miles, Arctic Silver with Black Ruffled Leather, PCM – Sat Nav with Phone, Heated Electric Memory Seats, BOSE Sound System, CD Multichanger, Park Distance Control, 18" Turbo II Alloys with Coloured Crests, On-Board Computer, Climate Control, £26495

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[NEW FOR 2013] Jatati

Definitive facts and figures for every 911 model from 1963 – present

Welcome to the Total 911 data file. the definitive verdict to assist you in the world of 911s. All data here has been compiled, where possible, from Porsche's own figures. The cars are organised in rows according to release date. Many models were available in Coupe, Targa and Cabriolet forms, with the option of automatic transmission.

Ratings: * * * * *

Each model is rated according to performance, handling, appearance and desirability. Do you agree? Tell us your thoughts: editorial@total911.co.uk.



You'll be lucky to see one on the road.



All 911s are fast, this one particularly so.



Anideal first 911 - affordable and largely trouble-free.

Sales debate: are 911 prices affected by summer?

£72.500



It's an age-old adage, but there's no denying that the summer sun whets the appetite for those great driving moments in all except the most hardcore of 911 enthusiasts.

But before we all begin excitedly thumbing through the used sales brochures at the first sight of sunshine. could we have saved a considerable amount by buying our 911 in the winter months? And does that blistering summer sun affect prices of Cabriolet models in particular?

the prices very much depend on the market," says salesman Jamie Tyler.

However, fellow Porsche specialists Finlay Gorham told us prices have been known to fluctuate slightly in summer, and not just for Cabriolet models either.

The message, then, is to shop around and know exactly what you're looking for before you buy - whether it be in summer or winter. Be market-savvy in your research and don't think the price of even your desired hardtop 911 will not be affected by the bright yellow ball in the sky. Now, to the Premier Porsche showroom...



Car of the month

2012 **991 Carrera S**

Northamptonshire, UK

Contact: 01933 354144 This Basalt black 991 from Dove House Motor Company is a great buy if you want a plethora of extras on your relatively new 911 without paying for their factory cost. Bi-Xenon headlights, front and rear park assist, a rear wiper (yes, it's still an extra), folding mirrors, heated seats. Bose surround sound system and PCS with voice control all make the £72,500 price tag seem lenient. When you consider it's also powered by the 3.8-litre 'S' engine, this looks like a great buy







911 2.0-litre 🌃



1963-67



The 911 that started it all off exactly 50 years ago when the prototype appeared in 1963, this is the car that set the style for all 911s to follow. Developed to eventually replace the 356,

the 911 was an all-new design that was undoubtedly a better all-round drive than its predecessor.

Canacity: 1 991cc

Compression ratio: 9.8:1

Maximum power: 160bhp @ 6,800rpm Maximum torque: 180Nm @ 5,200rpm Brakes: Front: 282mm discs: Rear: 290mm discs Wheels & tyres: Front: 15x4.5J, 165HR (15x5.5J, 185HR from 1967): Rear: 15x4.5J. 165HR Length: 4,163mm

Width: 1.610mm 0-60mph: 7.9 sec Top speed: 152mph

RATING:

911S

1968-69



The 911S was updated to B series specification in line with the 911E. Like the E, the more sporty S gained a fuel injection, boosting power to a useful 170bhp. To help cope with the

extra demands this put on the engine, an additional oil cooler was fitted in the front right-hand wing.

Capacity: 1,991cc Compression ratio: 9.9:1

Maximum power: 170bhp @ 6,800rpm Maximum torque: 183Nm@5,500rpm Brakes: Front: 282mm discs; Rear: 290mm discs Wheels & tyres: Front: 15x6J, 185HR; Rear: 15x6J,

Length: 4,163mm Width: 1,610mm Weight: 995kg 0-60mph: 6.6 sec Top speed: 155mph



911T

1972



The entry-level 911T received a boost in engine size to 2,341cc in 1972 to compensate for its increased power. However, a lower compression ratio and the inclusion of Zenith 40 TIN

triple-choke carburettors led to the relatively lower power output of 130bhp.

Capacity: 2,341cc Compression ratio: 7.5:1 Maximum power: 130bhp @ 6,200rpm

Maximum torque: 196Nm@ 4,000rpm Brakes: Front: 282mm discs; Rear: 290mm discs Wheels & tyres: Front: 15x5.5J, 165VR; Rear: 15x5.5J, 165VR

Length: 4.163mm Width: 1,610mm Weight: 1,050kg 0-60mph: n/a Top speed: n/a

RATING:

911S

(G. H. I. J serie 1974-77



For 1974, Porsche realigned its model line-up, and the 911S was no longer the range topping car, but rather a midrange model comparable to the previous 911F. It had the

same body changes as the base model, and came as standard with 15-inch ATS 'cookie cutter' wheels.

Capacity: 2,687cc Compression ratio: 8.5:1 Maximum power: 175bhp @ 5,800rpm Maximum torque: 235Nm@4,000rpm Brakes: Front: 282mm discs; Rear: 290mm discs Wheels & tyres: Front: 15x6J, 185VR; Rear: 15x6J,

Length: 4,291mm Width: 1,610mm Weight: 1,075kg 0-60mph: n/a Top speed: n/a

RATING:

911S

(O and A serie 1966-68



something that would continue to be popular throughout the 911's history: producing more powerful variants. The first of these was

the 911S (for Super), which had a higher compression engine and twin Weber 40IDS carburettors

Capacity: 1,991cc Compression ratio: 9.8:1 Maximum power: 160bhp @ 6,800rpm Maximum torque: 180Nm @ 5,200rpm Brakes: Front: 282mm discs; Rear: 290mm discs Wheels & tyres: Front: 15x4.5J, 165HR (15x5.5J, 185HR from 1967); Rear: 15x4.5J, 165HR Length: 4,163mm Width: 1.610mm Weight: 1.075kg 0-60mph: 7.9 sec

RATING:

911L





Compression ratio: 9.0:1

In 1967, the 911 received its first update with the A-series. This coincided with an expansion o the range: the standard car oecame known as the 911L (Lux) and sat alongside the

high-performance 911S and the entry-level 911T Capacity: 1,991cc

Maximum power: 130bhp @ 6,100rpm Maximum torque: 173Nm @ 4,200rpm Brakes: Front: 282mm discs; Rear: 290mm discs Wheels & tyres: Front: 15x5.5J, 185HR: Rear: 15x5 5 J 185HR Length: 4,163mm Width: 1 610mm Weight: 1,075kg 0-60mph: 8.4 sec Top speed: 132mph

RATING:

(A & B seri **911T** 1967-68



Capacity: 1,991cc

The entry-level 911T had a 110bhp engine that, to save money, used cast-iron cylinde heads (as opposed to the Biral aluminium/iron items which gave more efficient cooling)

and carburettors instead of fuel injection. The interior specification was similar to that of the 912

Compression ratio: 8.6:1 Maximum power: 110bhp @ 5,800rpm Maximum torque: 156Nm @ 4.200rpm Brakes: Front: 282mm discs; Rear: 290mm discs Wheels & tyres: Front: 15x5.5J, 165HR; Rear: 15x5.5J, 165HR Length: 4,163mm Width: 1,610mm Weight: 1,020kg **RATING:** 0-60mph: n/a Top speed: n/a

911E

1968-69



Capacity: 1,991cc

Compression ratio: 9.1:1

n 1968 the 911 received its first significant update, enabling it o evolve into what is known as the B series. Central to the new model line-up was the 911E, which replaced the 911L as the

standard' car. The 'E' stood for 'Einspritz', which is German for injection

Maximum power: 140bhp @ 6,500rpm Maximum torque: 175Nm @ 4.500rpm Brakes: Front: 282mm discs; Rear: 290mm discs Wheels & tyres: Front: 15x6J, 185VR; Rear: 15x6J, Length: 4,163mm Width 1,610mm Weight: 1.020kg

0-60mph: 7.6 sec Top speed: 130mph

RATING: $\star\star\star\star$

911E

(C & D serie 1969-71



Top speed: 152mph

The C series saw an increase n engine capacity to 2,195cc Other minor improvements made to the engine included revised cylinder heads, larger valves and stronger connecting

rods. In 1970 the D series cars had hot-zinc coated undersides and other minor changes.

Capacity: 2,195cc Compression ratio: 9.1:1 Maximum power: 155bhp @ 6,200rpm Maximum torque: 191Nm @ 4,500rpm Brakes: Front: 282mm discs: Rear: 290mm discs Wheels & tyres: Front: 15x6J, 185VR; Rear: 15x6J, 185VR Length: 4,163mm Width: 1.610mm Weight: 1,020kg



911S

1969-71



An upgrade in engine size from 1,991cc to 2,195 gave the 911S a useful 10bhp hike in power to 180bhp. Unlike the 911E, though, the S didn't gain such an improvement in low-down

power and torque, so you had to keep the revs up to get the full benefit of the extra horsepower

Capacity: 2,195cc Compression ratio: 9.8:1 Maximum power: 180bhp @ 6,500rpm Maximum torque: 199Nm@5,200rpm Brakes: Front: 282mm discs; Rear: 290mm discs Wheels & tyres: Front: 15x6J, 185HR; Rear: 15x6J, Length: 4.163mm Width 1,610mm Weight: 1.020kg

RATING:

911T

(C & D series) 1969-71



When the 911F and 911S ncreased their engine capacity to 2.2 litres, their little brother followed suit. Like the 911E, the torque curve was now flatter, in the process making the car

more driveable. Ventilated discs from the Swere fitted and a five-speed gearbox became standard.

Capacity: 2,195cc Compression ratio: 8.6:1 Maximum power: 125bhp @ 5,800rpm Maximum torque: 177Nm @ 4,200rpm Brakes: Front: 282mm discs: Rear: 290mm discs Wheels & tyres: Front: 15x5.5J, 165HR; Rear: 15x5 5 L 165HR **Length**: 4,163mm

Width: 1.610mm Weight: 1,020kg 0-60mph: n/a Top speed: n/a

RATING:

1973

911E

(E serie 1972



An increase in engine capacity to 2,341cc was achieved by increasing the stroke from 66mm to 70.4mm while at the same time leaving the

bore unchanged. The new 915 transmission was a stronger unit, making it better suited to the extra power

Capacity: 2,341cc Compression ratio: 8.0:1 Maximum power: 165bhp @ 6,200rpm Maximum torque: 206Nm@4,500rpm Brakes: Front: 282mm discs; Rear: 290mm discs Wheels & tyres: Front: 15x6J, 185VR; Rear: 15x6J,

Length: 4,163mm Width: 1,610mm Weight: 1.050kg 0-60mph: 7.5 sec Top speed: 137mph

RATING: $\star\star\star$

911E

0-60mph: 7.5 sec

Top speed: 137mph

1973



After a number of incidents in which people filled E series 911s with petrol via the external oil-filler, the filler returned to under the engine compartment lid. The 911F

was fitted with a new type of ATS cast-aluminium wheels and had the front spoiler of the 911S.

Capacity: 2,341cc Compression ratio: 7.5:1 Maximum power: 130bhp @ 6,200rpm Maximum torque: 196Nm @ 4.000rpm Brakes: Front: 282mm discs; Rear: 290mm discs Wheels & tyres: Front: 15x5.5J. 165VR: Rear: 15x5.5J, 165VR Length: 4,163mm

Width: 1,610mm Weight: 1.050kg 0-60mph: n/a Top speed: n/a

RATING:

911S

0-60mph: 6.6 sec

Top speed: 155mph



For the Fiseries, the 190bhp 911S followed the sam upgrades as the 911E; the nost significant being the deletion of the external oilfiller flap in the right-hand rear

wing. It also adopted black trim around the front and rear lights and black front quarter grilles Capacity: 2.341cc

Compression ratio: 8.5:1 Maximum power: 190bhp @ 6.500rpm Maximum torque: 216Nm@5,200rpm
Brakes: Front: 282mm discs; Rear: 290mm discs Wheels & tyres: Front: 15x6J, 185VR; Rear: 15x6J, 185VR

Length: 4,163mm Width: 1.610mm Weight: 1,050kg 0-60mph: n/a Top speed: n/a

RATING:

911T

1973



US-bound F series 911Ts were the first 911s to have Bosch K-Jetronic fuel injection. This was fundamentally mechanical with some electronic sensors. It gave precise injections of fuel as

required, in the process keeping emissions down and improving economy.

Capacity: 2,341cc Compression ratio: 8.0:1 Maximum power: 165bhp @ 6,200rpm Maximum torque: 206Nm@4,500rpm Brakes: Front: 282mm discs; Rear: 290mm discs Wheels & tyres: Front: 15x6J, 185VR; Rear: 15x6J, 185VR Length: 4,163mm

Width: 1,610mm Weight: 1,050kg 0-60mph: n/a Top speed: n/a

RATING: **** 911

(G, H, I, J 1974-77



For 1974, the entry-level car was badged '911' and fitted with a 2.7-litre engine. Bumpers were added to conform to US regulations, and from 1976 all 911s were hot-dip

coated and fitted with 'elephant ear' mirrors

Capacity: 2,687cc Compression ratio: 8.0:1 Maximum power: 150bhp @ 5,700rpm (165bhp @ 5.800 from 1.976) Maximum torque: 235Nm@3,800rpm (235 Nm@

4,000rpm from '76) Brakes: Front: 282mm discs; Rear: 290mm discs Wheels & tyres: Front: 15x6J: Rear: 15x6J. 185VR Length: 4,291mm

Width: 1.610mm Weight: 1,075kg 0-60mph: n/a Top speed: n/a

RATING:

1976-77

ULTRA-RARE MODEL



1972-73 Carrera 2.7RS

The RS had a 2,681cc engine that developed 210bhp The body was lightened and fitted with flared rear arches and an optional ducktail spoiler. The RS Sport was an ultra-light model, while the Touring car retained some creature comforts.

Capacity: 2,681cc Compression ratio: 8.5:1 Maximum power: 210bhp @ 6,300rpm Maximum torque: 255Nm @ 5,100rpm Brakes: Front: 282mm discs; Rear: 290mm discs Wheels & tyres: Front: 15x6J, 185VR; Rear: 15x7J, 215VR Length: 4,163mm

Width: 1,610mm Weight: 975kg (Sport) 0-60mph: 5.6 sec Top speed: 153mph





911 Carrera

(G&H seri 1974-75



rom 1974. Porsche used the Carrera name on its range topping 911. The 911 Carrera used essentially the same 2.7-litre, 210bhp engine as

the previous year's RS for all markets except the USA. In 1975 it was available with an optional new whaletail spoiler.

Capacity: 2,687cc Compression ratio: 8.5:1 Maximum power: 210bhp @ 6,300rpm Maximum torque: 255Nm @ 5.100rpm Brakes: Front: 282mm discs; Rear: 290mm discs Wheels & tyres: Front: 15x6J, 185VR; Rear: 15x7J,

Length: 4.291mm Width: 1,610mm Weight: 1,075kg 0-60mph: n/a Top speed: n/a

RATING:

911 Carrera 3.0



0-62mph: 6.3 se

Top speed: 145mph

Not sold in the US, the Carrera 3.0 was basically the same model as the previous Carrera, only fitted with a new 2,994cc engine, which was essentially that from the 911 Turbo. This

engine, with the addition of some minor changes. continued to power the 911 until 1989.

Capacity: 2,994cc Compression ratio: 8.5:1 Maximum power: 200bhp @ 6,000rpm Maximum torque: 255Nm@ 4,200rpm Brakes: Front: 282mm discs; Rear: 290mm discs Wheels & tyres: Front: 15x6J; Rear: 15x7J, 215VR Length: 4,291mm Width-1610mm Weight: 1,093kg







- MOT testing station





01271 81414









930 3.0 1975-77



Capacity: 2,994cc

Fitted with a KKK turbocharger, this was the world's first production car to be turbocharged. Flared arches and a whaletail spoiler created a look that would

become legendary. Brakes weren't good on early Turbos, and the four-speed gearbox was standard

Compression ratio: 8.5:1 Maximum power: 260bhp @ 5.500rpm Maximum torque: 343Nm @ 4,000rpm Brakes: Front: 282mm discs: Rear: 290mm discs Wheels & tyres: Front: 15x7J, 185/70VR; Rear: 15x8J, 215/60VR Length: 4,291mm Width: 1,610mm

Weight: 1,195kg 0-62mph: 5.3 sec Top speed: 168mph

RATING:

930 3.3

1978-83



A larger engine led to an extra 40bhp of power, and an intercooler on top of the engine led to the adoption of a new 'teatray' spoiler. The brakes were upgraded

with 917 racecar-based items, larger discs and fourpiston calipers

Capacity: 3,299cc Compression ratio: 7.0:1

Maximum power: 300bhp @ 5,500rpm Maximum torque: 343Nm @ 4,000rpm Brakes: Front: 304mm discs: Rear: 309mm discs Wheels & tyres: Front: 15x7J, 185/70VR; Rear: 15x8J. 215/60VR

Length: 4,491mm Width: 1 775mm Weight: 1,300kg 0-62mph: 5.0 sec Top speed: 160mph

RATING:

ULTRA-RARE MODEL

1986-89 **930 SE**

with pop-up headlamps. The front spoiler was made deeper in order to accommodate the extra oil cooler, while intakes in rear wings fed air to the brakes. Larger turbocharger and four-outlet exhaust gave 30bhp of extra powe

Capacity: 3,299cc Compression ratio: 7.0:1 Maximum power: 330bhp @ 5,500rpm Maximum torque: 432Nm@4,000rpm Brakes: Front: 304mm discs; Rear: 309mm discs Wheels & tyres: Front: 16x7J, 205/55VR; Rear: 16x9J, 245/45VR

Length: 4,491mm Width: 1,775mm Weight: 1.335kg 0-62mph: 4.6 sec Top speed: 173mph



964 Turbo

1990-92



This used the revised 964 body shell, extended arches and teatray' spoiler. The engine was essentially the 3.3-litre unit from the previous model, but

updated to give more power. Brakes were ABS-equipped. 17-inch Cup wheels were a new design, as were the 'teardrop' door mirrors

Capacity: 3,299cc Compression ratio: 7.0:1 Maximum power: 320bhp @ 5,750rpm Maximum torque: 450Nm@4 500rpm Brakes: Front: 322mm discs; Rear: 299mm discs Wheels & tyres: Front: 17x7J, 205/50ZR17; Rear: 17x9J, 255/45ZR17

Length: 4.250mm Width: 1,775mm Weight: 1,470kg 0-62mph: 5.0 sec Top speed: 169mph

RATING:

1993

964 RS

1991-92



Around 120kg was lost by deleting 'luxuries' and fitting nagnesium Cup wheels Power was boosted by 10bhp and fed through a flywheel and uprated clutch. Suspension

was lowered by 40mm and uprated, as were the brakes. Sport and Touring versions were also offered.

Capacity: 3,600cc Compression ratio: 10.3:1 Maximum power: 260bhp @ 6,100rpm Maximum torque: 310Nm @ 4,800rpm Brakes: Front: 322mm discs; Rear: 299mm discs Wheels & tyres: Front: 17x7.5J, 205/50ZR17: Rear: 17x9 | 255/407R17 Length: 4,250mm Width: 1,650mm Weight: 1,230kg (Sport) 0-62mph: 5.2 sec Top speed: 162mph



964 3.8 RS

Identified by a lightweight Turbo bodyshell, large rear spoiler and 18-inch Speedline vheels. Power came from a new 3.8-litre unit with hot-film air sensor and twin exhaust.

Suspension was RS-derived, while brakes were a mix of RS and Turbo 3.6 items.

Compression ratio: 11.6:1 Maximum power: 300bhp @ 6.500rpm Maximum torque: 359Nm@5,250rpm Brakes: Front: 322mm discs: Rear: 299mm discs. Wheels & tyres: Front: 18x9J, 235/40ZR; Rear 18x11J. 285/35ZR Length: 4,250mm

Width: 1,775mm Weight: 1,210kg 0-62mph: 4.9 sec Top speed: 169mph

Capacity: 3,746cc

RATING:

993 Carrera

1993-97



Restyled bodywork had sweptoack headlamps, curvaceous wings and blended-in bumpers. The engine was revised with hydraulic tappets and hot-film airflow sensor,

plus VarioRam from 1996. All-new multilink rear suspension gave improved handling.

Capacity: 3.600cc Compression ratio: 11.3:1 Maximum power: 272bhp @ 6,000rpm Maximum torque: 330Nm @ 5,000rpm Brakes: Front: 304mm discs; Rear: 299mm discs Wheels & tyres: Front: 16x7J, 205/55ZR16; Rear: 16x9J, 245/45ZR16 (17-inch rims optional) Length: 4,245mm Width: 1,735mm Weight: 1,370kg (Coupe) **RATING:** 0-62mph: 5.6 sec Top speed: 168mph



1989

911 SC NR



1978-83

From 1978 the SC was the only normally aspirated 911. It was a development of the Carrera 3.0, but the engine produced less power to suit all markets. A Sport option

allowed for the inclusion of front and rear spoilers, 16inch Fuchs alloy wheels, sports seats and dampers

Capacity: 2,994cc

Compression ratio: 8.5:1/8.6:1/9.8:1 Maximum power: 180/188/204bhp @ 5.500rpm Maximum torque: 265/265/267Nm@4,300rpm Brakes: Front: 287mm discs: Rear: 295mm discs.

Wheels & tyres: Front: 15x6J, 185/70VR; Rear: 15x7J, 215/60VR (16-inch optional) Length: 4,291mm Width: 1,626mm

Weight: 1,160kg (1978 Coupe) 0-62mph: 6.5 sec Top speed: 141mph



930 3.3



A revised engine added more ower and torque in 1984, while in 1987 Motronic engine management improved efficiency and emissions when the car returned to the

1984-89

US market. Perforated brake discs later appeared in 1988, while a five-speed gearbox arrived in 1989.

Capacity: 3,299cc Compression ratio: 7.0:1 Maximum power: 300bhp@5.500rpm Maximum torque: 432Nm@4,000rpm Brakes: Front: 304mm discs: Rear: 309mm discs Wheels & tyres: Front: 16x7J, 205/55VR; Rear: 16x9J. 245/45VR

Length: 4,491mm Width: 1,775mm Weight: 1,335kg 0-62mph: 4.8 sec Top speed: 173mph



Carrera 3.2 R

Capacity: 3,164cc

Length: 4,291mm

Width: 1.650mm

Compression ratio: 10.3:1



to feature an ECU to control the ignition and fuel

Maximum power: 231bhp @ 5,900rpm Maximum torque: 284Nm @ 4,800rpm

15x8J, 215/60VR (16 inches for 1989)

systems. The Getrag G50 gearbox appeared in 1987.

Brakes: Front: 304mm discs; Rear: 309mm discs. Wheels & tyres: Front: 15x7J, 195/65VR; Rear:

the same galvanised body as the SC. The engine was

claimed by Porsche to be 80 per cent new, and was the first production 911 motor

1984-89



930 LE (駅)

Essentially an SE without a slantnose front, the LE had the same engine, front spoiler, sill extensions and rear air intakes The fully specced interior and 'Limited Edition' status meant

the LE was initially thought by many to be the last ever 911 Turbo. Of course, that wasn't the case...

Capacity: 3,299cc Compression ratio: 7.0:1 Maximum power: 330bhp @ 5,500rpm Maximum torque: 432Nm @ 4,000rpm

Brakes: Front: 304mm discs: Rear: 309mm discs Wheels & tyres: Front: 16x7J, 205/55VR; Rear: 16x9.J. 245/45VR

Length: 4,491mm Width-1775mm Weight: 1,335kg 0-62mph: 4.6 sec Top speed: 173mph

RATING:

3.2 Clubsport

1987-89



claimed there was any increase in power. Suspension uprated and limited-slip differential standard

Capacity: 3,164cc Compression ratio: 10.3:1 Maximum power: 231bhp @ 5,900rpm Maximum torque: 284Nm @ 4,800rpm Brakes: Front: 304mm discs; Rear: 309mm discs. Wheels & tyres: Front: 15x6J, 195/65VR: Rear: 15x7J, 215/60VR Length: 4,291mm Width: 1,650mm Weight: 1.170kg 0-60mph: 5.1 sec Top speed: 151mph



Speedster

1989



Essentially a Carrera 3.2 with a chopped, more steeply acked windscreen and hood and stripped-out interior Most had wide Turbo bodies Porsche insisted that the

simple hood was not designed to be 100 per cent watertight, 2.065 examples of this model were built

Capacity: 3,164cc Compression ratio: 10.3:1 Maximum power: 231bhp @ 5,900rpm Maximum torque: 284Nm @ 4,800rpm Brakes: Front: 304mm discs; Rear: 309mm discs. Wheels & tyres: Front: 15x7J, 195/65VR: Rear: 15x8 | 215/60VR **Length**: 4,291mm Width: 1,650mm Weight: 1,210kg (Coupe) **RATING:** 0-60mph: n/a Top speed: n/a

964 Carrera 4

Weight: 1,210kg (Coupe)

0-62mph: 5.6 sec (Coupe) **Top speed**: 148mph (Coupe)

1989-93



eavily revised bodywork deformable bumpers over coil-spring suspension and four-wheel-drive marked this adical overhaul of the 911, which Porsche claimed was 87

RATING:

per cent new. The 3.6-litre engine featured two spark plugs per cylinder and ceramic exhaust port liners.

Capacity: 3,600cc Compression ratio: 10.3:1 Maximum power: 250bhp @ 6,100rpm Maximum torque: 310Nm @ 4,800rpm Brakes: Front: 298mm discs; Rear: 299mm discs Wheels & tyres: Front: 16x6J, 205/55ZR16: Rear: 16x8J, 225/50ZR16 (17-inch rims optional) Length: 4,250mm Width: 1,650mm Weight: 1,450kg (Coupe) O-62mph: 5.7 sec (Coupe) Top speed: 162mph (Coupe)

RATING:

964 Carrera 2

1990-93



Not everyone wanted fourwheel drive. Reflecting this attitude, the rear-drive Carrera 2 offered an emphatically more raditional 911 experience and was 100kg lighter, but

looked identical to the Carrera 4. Tiptronic automatic transmission was a new option.

Capacity: 3,600cc Compression ratio: 10.3:1 Maximum power: 250bhp @ 6,100rpm Maximum torque: 310Nm @ 4,800rpm Brakes: Front: 298mm discs; Rear: 299mm discs **Wheels & tyres**: Front: 16x6J, 205/55ZR16; Rear: 16x8J, 225/50ZR16 (17-inch rims optional) Length: 4,250mm Width: 1,650mm Weight: 1.350kg **RATING:** 0-62mph: 5.5 sec Top speed: 164mph

964 C2 Speedster 1993-94



Capacity: 3,600cc

Top speed

This combined the 964 bodyshell with the hood and windscreen of the Carrera 3.2 Speedster plus the RS interior It is thought that Porsche planned to build around 3 000

but only 936 were made, many in bright colours such as vellow or red with colour-coded wheels

Compression ratio: 10.3:1 Maximum power: 250bhp @ 6,100rpm Maximum torque: 310Nm @ 4.800rpm Brakes: Front: 298mm discs; Rear: 299mm discs Wheels & tyres: Front: 16x6.J. 205/55ZR16: Rear: 16x8J, 225/50ZR16 (17-inch rims optional) Length: 4.250mm Width: 1,650mm Weight: 1.340kg 0-62mph:



1994-97

ULTRA RARE MODEL



1992-93 **964 Turbo S**

Essentially a 911 Turbo, but with 180kg of weight saved. Intakes in rear arches funnelled air to brake: The engine power was boosted by 61bhp by larger turbocharger, larger valves and a revised engir management, with the suspension uprated as per the RS. Just 80 examples were built. Capacity: 3,299cc

Compression ratio: 7.0:1

Maximum power: 381bhp @ 6,000rpm

Maximum torque: 490Nm @ 4,800rpm

Brakes: Front: 322mm discs; Rear: 299mm discs Wheels & tyres: Front: 18x8J, 235/40ZR18; Rear: 18x89J, 265/35ZR18 Length: 4250mm

Width: 1,775mm Weight: 1,290kg 0-62mph: Top speed:





964 Turbo 3.6

1993-94



The Turbo received an engine based on the 3.6-litre 964 unit, albeit one that had been modified. Distinctive 18-inch split-rim Speedline wheels

covered the big-red brake calipers. Suspension was lowered by 20mm (not in the US) and a front strut-brace was fitted.

Capacity: 3,600cc Compression ratio: 7.5:1 Maximum power: 360bhp@5,500rpm Maximum torque: 520Nm@4,200rpm Brakes: Front: 322mm discs; Rear: 299mm discs. Wheels & tyres: Front: 18x8J with 225/40ZR18 tyres; Rear: 18x10J with 265/35ZR18 tyres **Length**: 4,250mm Width: 1,775mm Weight: 1,470kg (Coupe)

RATING:

993 Carrera 4



0-62mph: 5.8 sec

Top speed: 166mph

As per the 993-model Carrera but with four-wheel-drive Transmission was half the veight of the previous Carrera 4, and was designed to give the driving experience a more rear-

drive-esque feel, Automatic Brake Differential (ABD)

Capacity: 3,600cc Compression ratio: 11.3:1 Maximum power: 272bhp @ 6.000rpm Maximum torque: 330Nm @ 5,000rpm
Brakes: Front: 304mm discs; Rear: 299mm discs **Wheels & tyres**: Front: 16x7J, 205/55ZR16; Rear: 16x9J, 245/45ZR16 (17-inch rims optional) Length: 4,245mm Width: 1,735mm Weight: 1,420kg (Coupe)



993 Carrera RS

1995-96



0-62mph: 5.0 sec

Top speed: 172mph

Had a lightweight body as per RS tradition, but teamed with a 3.8-litre engine, VarioRam ntake system and remapped ECU to create 200bhp, fed

to the rear wheels only, with suspension and brakes all uprated. It is recognisable by the fixed rear whaletail and large front spoiler.

Capacity: 3,746cc Compression ratio: 11.5:1 Maximum power: 300bhp @ 6,000rpm Maximum torque: 355Nm@ 5,400rpm Brakes: Front: 322mm discs; Rear: 299mm discs **Wheels & tyres**: Front: 18x8J, 225/40ZR18; Rear: 18x10J, 265/35ZR18 Length: 4,245mm Width: 1,735mm Weight: 1,279kg

RATING:

993 Carrera 4S



The 4S was effectively a Carrera 4 with a Turbo wide bodyshell (but no fixed rear spoiler). It also boasted Turbo brakes and suspension, and the 18-inch wheels were

1995-96

similar to the Turbo items

Top speed: n/a

Capacity: 3,600cc Compression ratio: 11.3:1 Maximum power: 285bhp @ 6,100rpm Maximum torque: 340Nm @ 5,250rpm Brakes: Front: 322mm discs; Rear: 322mm discs Wheels & tyres: Front: 18x8J, 225/40ZR18; Rear: 18x10J, 285/30ZR18 Length: 4.245mm Width: 1.795mm Weight: 1,520kg 0-62mph: n/a



993 Turbo

0-62mph: n/a

Top speed: n/a

1996-98



The Turbo was fitted with two KKK turbochargers to reduce lag. Also, the power went to all four wheels using the Carrera 4's transmission system. Brakes were distinctive 'big

reds' under hollow-spoked 18-inch wheels.

Capacity: 3,600cc Compression ratio: 8.0:1 Maximum power: 408bhp @ 5,750rpm Maximum torque: 540Nm@4,500rpm Brakes: Front: 322mm discs; Rear: 322mm discs Wheels & tyres: Front: 18x8J, 225/40ZR18; Rear: 18x10 | 285/307R18 Length: 4,245mm Width: 1 795mm Weight: 1,575kg 0-62mph: 4.3 sec Top speed: 180mph



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993 GT2

1995-96



Basically a 911 Turbo, but with reduced equipment. It also included rear-wheel-drive. aking it a better track car The massive front and rear spoilers and bolt-on wheel-

arch extensions give it a distinctive appearance Capacity: 3,600cc

Compression ratio: 8.0:1 Maximum power: 430bhp @ 5,750rpm Maximum torque: 540Nm@4,500rpm Brakes: Front: 322mm discs; Rear: 322mm discs Wheels & tyres: Front: 18x9J, 235/40ZR18; Rear: 18x11J, 285/35ZR18 Length: 4.245mm

Width: 1.855mm Weight: 1,290kg 0-62mph: 3.9 sec Top speed: 189mph



993 Carrera S

1997-98



he features that come with the Carrera S are very similar to the credentials of the Carrera 4S, only in rear-wheeldrive. Very sought after today for its superb handling and

distinctive looks, the split engine cover lid and wide body give this a superb and distinct appearance.

Capacity: 3,600cc Compression ratio: 11.3:1 Maximum power: 285bhp @ 6,100rpm Maximum torque: 340Nm@5,250rpm Brakes: Front: 322mm discs; Rear: 322mm discs Wheels & tyres: Front: 18x8J, 225/40ZR18; Rear: 18x10J, 285/30ZR18 Length: 4,245mm Width: 1,795mm Weight: 1,450kg

RATING:

996 Carrera 4

1998-2001

1998-2000



Four-wheel-drive transmissior fed only five per cent of power to front in normal driving, increasing to up to 40 per cent when required. Porsche

Stability Management combined traction control, anti-slip control and Automatic Braking Differential.

Capacity: 3,387cc Compression ratio: 11.3:1 Maximum power: 300bhp @ 6,800rpm Maximum torque: 350Nm @ 4.600rpm Brakes: Front: 318mm discs; Rear: 299mm discs Wheels & tyres: Front: 17x7J, 205/50ZR17; Rear: 17x9J, 255/40ZR17 (18-inch rims optional) Length: 4.430mm Width: 1,765mm Weight: 1.375kg (Coupe) 0-62mph: 5.2 sec



996 GT3

0-62mph: Top speed:



Commonly called the Gen1 GT3, this was a lightweight 996 with a 3.6-litre engine driving the rear wheels Suspension was lowered by 30mm and brakes uprated

Available in Clubsport and Comfort guises, 1,890 were built, of which 103 were right-hand-drive

Capacity: 3,600cc Compression ratio: 11.7:1 Maximum power: 360bhp @ 6,300rpm Maximum torque: 370Nm@5.100rpm Brakes: Front: 330mm discs; Rear: 330mm discs Wheels & tyres: Front: 18x8J, 225/40ZR18; Rear: 18x10J, 285/30ZR18 Length: 4.430mm Width: 1,765mm Weight: 1.350kg 0-62mph: 4.8 sec

RATING:

Gen2 996 C2

Top speed: 174mph

2001-04

ace-lifted with Turbo-style headlamps and revised front and rear bumpers. Fitted with the more powerful 3.6-litre engine, VarioCam Plus and other refinements, Manual

and Tiptronic transmission was also improved on. Moreover the cabin received minor undates

Capacity: 3.596cc Compression ratio: 11.3:1 Maximum power: 320bhp @ 6,800rpm Maximum torque: 370Nm@4 250rpm Brakes: Front: 318mm discs; Rear: 299mm discs Wheels & tyres: Front: 17x7.J. 205/50ZR17: Rear: 17x9J, 255/40ZR17 (18-inch rims optional) Length: 4,430mm Width: 1,765mm

Weight: 1,345kg 0-62mph: 5.0 sec **RATING:** Top speed: 178mph

996 GT2

Top speed: 188mph

2001-03



bodied 996 with uprated turbocharged engine that produced 460bhp and drove the rear wheels. The suspension was uprated

while brakes had ceramic discs. It had a large rear spoiler, with Clubsport and Comfort versions offered.

Capacity: 3,600cc Compression ratio: 9.4:1 Maximum power: 462bhp @ 5,700rpm Maximum torque: 620Nm@ 3 500 to 4 500rpm Brakes: Front: 350mm discs; Rear: 350mm discs Wheels & tyres: Front: 18x8.5J, 235/40ZR18; Rear: 18x12J, 315/30ZR18 Length: 4.435mm Width 1,830mm

Weight: 1,440kg 0-62mph: 4.1 sec Top speed: 195mph

RATING:

Gen2 996 GT2

2004-05

The 911-based incarnation was a revised but ultimately short-lived version of the GT2 a substantial amount of extra power thanks to the revised

ECU, as well as the new pistons and rings. Moreover, it also came with PCCB included as standard.

Compression ratio: 9.4:1 Maximum power: 483bhp @ 5,700rpm Maximum torque: 640Nm@3,500 to 4,500rpm Brakes: Front: 350mm discs; Rear: 350mm discs Wheels & tyres: Front: 18x8.5J, 235/40ZR18; Rear 18x12 | 315/307R18

Length: 4,435mm Width: 1.830mm Weight: 1,440kg 0-62mph: 4.0 sec Top speed: 198mph



996 Turbo S

2004-05



Capacity: 3,600cc

RATING:



A 911 Turbo with the previously optional 30bhp power upgrade, consisting of larger turbochargers, uprated intercoolers and revised ECU. The ceramic brakes were

standard, and 18-inch alloys finished in GT Metallic Silver paint, in addition to the highly specced interior.

Capacity: 3,600cc Compression ratio: 9.4:1 Maximum power: 450bhp@5,000rpm Maximum torque: 620Nm@3,500 to 4,400rpm Brakes: Front: 350mm discs; Rear: 350mm discs Wheels & tyres: Front: 18x8J, 225/40ZR18; Rear:

Length: 4,435mm Width: 1.830mm Weight: 1,590kg 0-62mph: 4.1 sec Top speed: 191mph

18x11 | 295/307R18



INTRO 911 NEP

1997-2001 **996 Carrera**

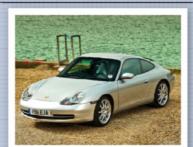
An all-new 911 with larger, restyled bodywork and a 3.4-litre water-cooled engine. The interior was redesigned in order to enable better ergonomic efficiency and allow for more room. The Carrera was a rear-wheel-drive, entry-level model, ideal for first-time

Capacity: 3.387cc Compression ratio: 11.3:1

Maximum power: 300bhp @ 6,800rpm Maximum torque: 350Nm @ 4,600rpm Brakes: Front: 318mm discs: Rear: 299mm discs Wheels & tyres: Front: 17x7J, 205/50ZR17; Rear: 17x9J, 255/40ZR17 (18-inch rims optional)

ength: 4,430mm Width: 1.765mm Weight: 1,320kg (Coupe) 0-62mph: 5.2 s Top speed: 174mph





996 Turbo

2000-05



Distinguished by wide real arches, air intakes and a deep front spoiler, plus part-fixed, oart-retractable rear spoiler. The 3.6-litre engine is based on the 996 unit and fitted with

twin KKK K17 turbochargers and VarioCam Plus. PSM is standard.

Capacity: 3,600cc Compression ratio: 9.4:1 Maximum power: 420bhp @ 6,000rpm Maximum torque: 560Nm @ 2,700 to 4,600rpm

Brakes: Front: 330mm discs; Rear: 330mm discs Wheels & tyres: Front: 18x8J, 225/40ZR18; Rear: 18x11J, 295/30ZR18 Length: 4,435mm Width 1,830mm Weight: 1.540kg 0-62mph: 4.2 sec Top speed: 189mph



996 Carrera 4S

2001-05



Basically a Carrera 4 with the Turbo bodyshell without rear air intakes, and with a ull-width rear reflector panel The suspension and brakes vere similar to the Turbo,

while wheels were 18-inch items. The interior spec was higher than that of conventional Carrera 4

Capacity: 3,596cc ompression ratio: 11.3:1

Maximum power: 320bhp @ 6.800rpm

Maximum torque: 370Nm@4,250rpm
Brakes: Front: 330mm discs; Rear: 330mm discs Wheels & tyres: Front: 18x8J, 225/40ZR18; Rear: 18x11J, 295/30ZR18

Length: 4,435mm Width: 1.830mm Weight: 1,495kg 0-62mph: n/a

Top speed: n/a



Gen2 996 C4

2001-04



ace-lifted in line with the rear-drive Carrera, this was the four-wheel-drive incarnation of the aforementioned earlier model. For most people who nave experienced it it drove

a lot like the Carrera and, indeed, there is very little to choose from between them

Capacity: 3,596cc

Compression ratio: 11.3:1

Maximum power: 320bhp @ 6,800rpm Maximum torque: 370Nm @ 4.250rpm Brakes: Front: 318mm discs; Rear: 299mm discs

Wheels & tyres: Front: 17x7J, 205/50ZR17; Rear: 17x9J, 255/40ZR17 (18-inch rims optional) Length: 4,430mm

Width: 1,765mm Weight: 1,405kg 0-62mph: 5.3 sec Top speed: 175mph



Gen2 996 GT3

2003-05



lso known as the GT3 Gen2. it was based on the facelifted 996 Carrera, but with new spoilers. The 3.6-litre engine produced 381bhp. Suspension was lowered and

uprated, and ceramic brakes optional. The interior was full-spec unless you opted for the Clubsport.

Capacity: 3,600cc

Compression ratio: 11.7:1

Maximum power: 381bhp@7,400rpm Maximum torque: 385Nm@5.000rpm

Brakes: Front: 350mm discs; Rear: 330mm discs

Wheels & tyres: Front: 18x8.5J, 235/40ZR18; Rear: 18x11J, 295/30ZR18 **Length**: 4,435mm Width: 1,770mm Weight: 1,380kg

0-62mph: 4.5 sec Top speed: 190mph



997 Carrera



Fully revised 911 with 993 influenced bodywork and new interior. The 3.6-litre engine vas like the 996, but refined for more power. Twin exhaust tailpipes were coupled with

rear-wheel drive via six-speed Tiptronic transmission

Capacity: 3,596cc Compression ratio: 11.8:1 Maximum power: 325bhp @ 6,800rpm Maximum torque: 370Nm @ 4,250rpm Brakes: Front: 318mm discs; Rear: 299mm discs Wheels & tyres: Front: 18x8J, 235/40ZR18: Rear: 18x10J, 265/40ZR18

Length: 4.427mm Width: 1.808mm Weight: 1,395kg 0-62mph: 5.0 sec Top speed: 177mph



997 Carrera S

2004-08



Top speed: 177mph

As per the 997 Carrera. but with the more powerful 3.8-litre engine and PASM. 19with larger 330mm ventilated discs. It had Quad exhaust

tailpipes, and was available as rear-wheel-drive only

Capacity: 3,824cc Compression ratio: 11.8:1 Maximum power: 355bhp @ 6,800rpm Maximum torque: 400Nm @ 4,250rpm Brakes: Front: 330mm discs; Rear: 330mm discs Wheels & tyres: Front: 18x8J, 235/40ZR18; Rear: 18x10J, 265/40ZR18 Length: 4,427mm Width: 1.808mm Weight: 1,395kg 0-62mph: 5.0 sec



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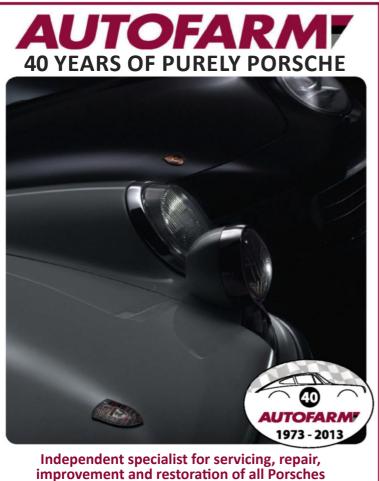
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997 Carrera 4

2005-08



The Carrera 4 was much like the 997 Carrera, but with drive to all four wheels via a multi-disc viscous coupling that transferred between five and 40 per cent of traction to

the front wheels. It was 44mm wider at the rear than the Carrera in order to allow for wider wheels

Capacity: 3,596cc Compression ratio: 11.8:1 Maximum power: 325bhp @ 6,800rpm Maximum torque: 370Nm@4,250rpm Brakes: Front: 318mm discs; Rear: 299mm discs Wheels & tyres: Front: 18x8J, 235/40ZR18; Rear: 18x11J, 295/35ZR18 Length: 4,427mm Width: 1,852mm Weight: 1,450kg 0-62mph: 5.1 sec

RATING:

997 Carrera 4S



he same 3.8-litre, 355bhp engine as the Carrera S, but coupled with the four-wheeldrive system on the Carrera 4. Also had 44mm wider rear arches to allow for the 11-inch

2005-08

wider wheels and helped give a more aggressive look

Capacity: 3,824cc Compression ratio: 11.8:1 Maximum power: 355bhp @ 6,800rpm Maximum torque: 400Nm@4,250rpm Brakes: Front: 330mm discs: Rear: 330mm discs. Wheels & tyres: Front: 19x8J, 235/35ZR19; Rear: 19x11 | 295/307R19 Length: 4,427mm Width: 1.808mm Weight: 1,475kg 0-62mph: 4.8 sec RATING: Top speed: 179mph



Gen2 997 C2

Top speed: 174mph

2008-12



Revised with restyled LFD ear lights and front driving ights. M97 engine replaced with a 91 DFI unit, using fewer parts (with no problematic Intermediate Shaft)and

direct-fuel injection to give much-improved economy. Seven-speed PDK transmission was a new option.

Capacity: 3,614cc Compression ratio: 12.5:1 Maximum power: 345bhp @ 6,500rpm Maximum torque: 390Nm @ 4,400rpm Brakes: Front: 330mm discs; Rear: 330mm discs Wheels & tyres: Front: 18x8J, 235/40ZR18; Rear: 18x10 5 L 265/407R18 Length: 4,435mm Width: 1.808mm

Weight: 1,490kg (Coupe) 0-62mph: 4.9 sec Top speed: 180mph



Gen2 997 C2 S





Revised as per the Carrera, but with larger 3.8-litre engine – again using fewer components and Direct Fuel Injection. The engine stroke was reduced from 82.8mm to 77.5mm, while

the bore went up by 3mm to 102mm, in the process reducing the capacity to exactly 3,800cc

Capacity: 3,800cc Compression ratio: 12.5:1 Maximum power: 385bhp @ 6,500rpm Maximum torque: 420Nm @ 4,400rpm Brakes: Front: 330mm discs; Rear: 330mm discs Wheels & tyres: Front: 19x8J, 235/35ZR19; Rear: 19x11 | 295/307R19 Length: 4,435mm Width: 1.808mm Weight: 1,500kg (Coupe) **RATING:** 0-62mph: 4.7 sec Top speed: 188mph

Gen2 997 GT3 RS

2009-



Capacity: 3,800cc

Compression ratio: 12.2:1

Maximum power: 450bhp

Has wider front arches and a larger spoiler. Dynamic engine mounts and PASM are standard. Air con is optional, with no door handles, wheel brace or sound proofing. Has

the lap record for road models at the Nürburgring.

Maximum torque: 430-Brakes: Front: 380mm discs; Rear: 380mm discs Wheels & tyres: Front: 9Jx19, 245/35ZR19; Rear: 12Jx19, 325/30ZR19 Length: 4,460mm Width: 1,852mm Weight: 1,370kg 0-62mph: 4.0sec



997 Turbo S





As standard 997 Turbo, but with facelift body, more power (530bhp) and higher levels of tandard equipment, including PCCB, centrelock wheels and ceramic brakes to go with

unique two-tone interior and Sport Chrono Plus.

Capacity: 3,800cc Compression ratio: 9.8:1 Maximum power: 530bhp Maximum torque: 700Nm Brakes: Front: 380mm discs; Rear: 350mm discs Wheels & tyres: Front: 8.5Jx19, 235/35ZR19: Rear: 11Jx19 on 305/30ZR19 Length: 4.435mm Width: 1,808mm Weight: 1,585kg 0-62mph: 3.3sec Top speed: 195mph **RATING:**

991 Carrera

Top speed: 192mph

2011-



The first 911 of the newest and atest seventh generation, the Carrera features a 350bhp 3.4-litre engine and tak styling hues from the 993 Completely redesigned

chassis with lengthened wheelbase reduces overhang of engine weight. Panamera-esque interior.

Maximum power: 350bhp Maximum torque: 390Nm Brakes: Front: 330mm discs: rear: 330mm discs Wheels & tyres: Front: 8.5Jx19, 235/40ZR19 Rear: 11Jx19, 285/35ZR19 Length: 4,491mm

Width: 1.808mm Weight: 1,380kg 0-62mph: 4.8sec Top speed: 179.6mph

Capacity: 3,436cc

Compression ratio: 12.5:1



991 Carrera S

2011-



Top speed: 188.9mph

ame as Carrera, including speed manual box, but utilising 400bhp from a bigger 3.8-litre engine. Slightly larger front brakes than the standard Carrera (10mm bigger discs),

with MacPherson front axle and multi-link suspension at the rear. Distinctive 'S' badging on rear bumper.

Capacity: 3,800cc Compression ratio: 12.5:1 Maximum power: 400bhp Maximum torque: n/a Brakes: Front: 340mm discs; rear: 330mm discs Wheels & tyres: Front: 8.5Jx20, 245/35ZR20. Rear: 8.5Jx20, 245/35ZR20 Length: 4,491mm Width: 1.808mm Weight: 1,395kg 0-62mph: 4.5sec



997 Turbo

2005-10



Similar to the 997 Carrera 4S body, but with extra intakes at the front and sides. It essentially had the 996 Turbo engine, but with all-new twin

turbos, Variable Turbine Geometry (VTG) that effectively gave the best of both small and large turbochargers

Capacity: 3,600cc Compression ratio: 9.0:1

Maximum power: 480bhp @ 6,000rpm Maximum torque: 620Nm @ 2.100-4.000rpm Brakes: Front: 350mm discs; Rear: 350mm discs Wheels & tyres: Front: 8.5Jx19, 235/35/ZR19; Rear: 11Jx19, 305/30/ZR19

Length: 4.450mm Width: 1,852mm

Weight: 1,585kg (manual Coupe) 0-62mph: 3.9 sec

Top speed: 193mph



997 GT3

2006-07



Track-focused car based on narrow-bodied Carrera and with reworked 996 GT3 engine. PASM was standard but reworked to suit the

sporting traits. Revs to 8,400rpm, 200rpm higher than 996 GT3. VarioCam was used on the 997 GT3 to improve torque

Capacity: 3,600cc Compression ratio: 12.0:1 Maximum power: 415bhp @ 7,600rpm Maximum torque: 405Nm @ 5.500rpm Brakes: Front: 380mm discs; Rear: 340mm discs **Wheels & tyres**: Front: 19x8.5J, 235/35ZR19; Rear: 19x12J, 305/30ZR19

Length: 4,445mm Width: 1,808mm Weight: 1,395kg 0-62mph: 4.3sec Top speed: 192mph



997 GT3 RS

2006-07



The RS was similar to GT3, but with the inclusion of the vider rear bodyshell of the Carrera S. 20kg weight was aved from the original model

thanks to carbon fibre engine cover and rear wing and plastic rear window, not to mention the relatively lightweight interior.

Capacity: 3,600cc Compression ratio: 12.0:1 Maximum power: 415bhp @ 7,600rpm Maximum torque: 405Nm @ 5.500rpm Brakes: Front: 380mm discs; Rear: 340mm discs Wheels & tyres: Front: 19x8.5J, 235/35ZR19; Rear: 19x12J, 305/30ZR19 Length: 4.445mm Width: 1,808mm Weight: 1,375kg

RATING:

997 GT2

2007-08



Essentially the 997 Turbo, but with rear-wheel-drive only. Also enjoyed a more trackorientated suspension and brake setup, with GT3-style

interior and extra power at 523bhp. Porsche Stability Management and Porsche Active Suspension Management used.

Capacity: 3,600cc

Compression ratio: 9.0:1

Maximum power: 530bhp @ 6,500rpm Maximum torque: 680Nm @ 2,200-4,500rpm Brakes: Front: 380mm discs; Rear: 350mm discs Wheels & tyres: Front: 8.5Jx19, 235/35/ZR19; Rear: 11Jx19, 305/30/ZR19

Length: 4,469mm Width: 1,852mm Weight: 1,440kg 0-62mph: 3.7 sec Top speed: 204mph

RATING:

Gen2 997 C4

2008-12



There were numerous engine and body changes as per the Carrera but with a wider rear end plus the welcome return of the full-width rear reflector, situated between the light

clusters. The new all-wheel drive was appropriated from the 997 Turbo.

Capacity: 3,614cc Compression ratio: 12.5:1 Maximum power: 345bhp @ 6,500rpm Maximum torque: 390Nm @ 4,400rpm Brakes: Front: 330mm discs; Rear: 330mm discs Wheels & tyres: Front: 18x8J, 235/40ZR18; Rear: 18x10 5 L 265/407R18

Length: 4,435mm Width: 1.852mm Weight: 1,545kg 0-62mph: 5.0 sec Top speed: 176mph



Gen2 997 C4S

2008-12



Bodywork as per the Carrera 4, but with the larger 3.8-litre engine. Utilised the 997 Turbo's our-wheel-drive, and Porsche Traction Management. Viscous coupling gives way to

electromagnetically controlled multi-plate clutch

Capacity: 3,800cc Compression ratio: 12.5:1 Maximum power: 385bhp @ 6,500rpm Maximum torque: 420Nm@4,400rpm Brakes: Front: 330mm discs; Rear: 330mm discs

Wheels & tyres: Front: 235/30ZR19 Rear: 19x11J, 295/30ZR19 Length: 4 435mm Width: 1,852mm Weight: 1,555kg 0-62mph: 4.7 sec

Top speed: 185mph



Gen2 997 GT3

0-62mph: 4.2 sec

Top speed: 187mph

2009-2012



Updated as per the Carrera but with unique front spoiler nd rear wing, revised PASM, entre-lock wheels and better brakes. An already great car made better. Problems with

ar hubs led to a recall for model year 2010 GT3s About to be replaced with the new 991 variant.

Capacity: 3,800cc Compression ratio: n/a Maximum power: 435bhp Maximum torque: n/a Brakes: Front: n/a mm discs; Rear: n/a mm discs Wheels & tyres: Front: n/a; Rear: n/a Length: 4,435mm Width: 1,808mm Weight: n/a



Gen2 997 Turbo

2009-



As original 997 Turbo, but with new LED taillights and driver lights up front. Features arger tailpipes, plus a larger 3.8-litre engine with direct fuel injection. PDK transmission is

optional. Fuel consumption cut by 16 per cent. Capacity: 3,800cc

Compression ratio: 9.8:1 Maximum power: 500bhp @ 6,000rpm Maximum torque: 650Nm@1,950-500rpm Brakes: Front: 350mm discs; Rear: 350mm discs Wheels & tyres: Front: 8.5Jx19, 235/35/ZR19; Rear: 11Jx19, 305/30/ZR19 Length: 4,450mm Width: 1,852mm

Weight: 1,570kg 0-62mph: 3.4 sec Top speed: 194mph

RATING:

ULTRA RARE MODEL



2010 **997 SPORT CLASSIC**

with the 44mm wider rear arches of the four-wheel $drive\,997s.\,Several\,instances\,of\,retro\,styling\,including$ iconic ducktail spoiler and large Fuchs wheels. Not available in the USA, and only 250 examples have been

Capacity: 3,800cc Compression ratio: n/a Maximum power: 408bhp Maximum torque: 420Nm Brakes: Front: 350mm discs; Rear: 350mm discs Wheels & tyres: Front: 19x8.5J, 235; Rear: 19x11J,305 Length: 4,435mm Width: 1.852mm Weight: 1,425kg 0-62mph: 4.1sec Top speed: 194mph





997 GT2 RS

0-62mph: 4.1sec

Top speed: 194mph





Capacity: 3,600cc

he GT2 goes back to its roots, with RS-style lightweight body and interior, plus extra power (620bhp). İnstantly ecognisable over standard GT2 thanks to lashings of

carbon fibre on bonnet, air intake and mirrors

Compression ratio:9.0:1 Maximum power: 620bhp Maximum torque: 700Nm Brakes: Front: 380mm discs: Rear: 350mm discs Wheels & tyres: Front: 9Jx19,245/35ZR19; Rear: 12 lx19 325/307R19 Length: 4,460mm Width: 1.852mm Weight: 1,370kg 0-62mph: 3.5sec



997 GT3 RS 4.0



2013-



he pinnacle of 997 ownership, ust 600 units produced. engine upgrades and aerodynamically tweaked too, with angle of rear wing increased and mini vertical

spoilers on either side of the front nose

Capacity: 3,996cc Compression ratio:12.6:1 Maximum power: 493bhp at 8,250rpm Maximum torque: 460Nm at 5,750rpm Brakes: Front: 380mm discs: Rear: 380mm discs. Wheels & tyres: Front: 9Jx19,245/35ZR19; Rear: 12 lx19 325/307R19 Length: 4,460mm Width: 1.852mm Unladen weight (DIN): 1,360kg 0-62mph: 3.5sec Top speed: 193mph **RATING:**

991 Carrera 4

Capacity: 3,436cc

0-62mph: 4.9sec

Top speed: 177mph

2012-



Eniovs a wider body, with rear fenders pulled out by 22mm on each side. Major telltale sign over Carrera 2 is the connecting rear tale light that comes as standard. Also

features a torque distribution indicator, which keeps you informed on where the car is distributing torque.

Compression ratio: 12.5:1 Maximum power: 350bhp Maximum torque: 390Nm Wheels & tyres: 8.5Jx19 235/40 ZR 19 Rear: 11Jx19 295/35 ZR 19 Length: 4,491mm Width: 1.852mm Weight: 1,450kg



991 Carrera 4S

2012-



Top speed: 185mph

ame wider body styling as Carrera 4 with rear connecting ail light, coupled to 3.8-litre 400bhp flat six engine. Also features six-piston brake callipers at front as opposed

to four. Seven speed manual or PDK gearbox option available. Bigger wheels than C4 and 15kg heavier

Capacity: 3,800cc Compression ratio: 12.5:1 Maximum power: 400bhp Maximum torque: 440Nm Wheels & tyres: Front: 8.5Jx20,245/35 ZR 20; Rear: 11Jx20, 305/30 ZR 20 Length: 4,491mm Width: 1.852mm Weight: 1,450kg 0-62mph: 4.5sec



991 GT3

Top speed: 205mph

Electric power steering and ide body shell from 991 arrera 4 used for the first ime. PDK transmission only no manual option. Mezge

2013-

ngine from previous GT3s replaced with revamped version of direct injection 991 Carrera S engine. First deliveries November 2013.

Capacity: 3,800cc Compression ratio: 12.9:1 Maximum power: 475PS Maximum torque: 440Nm Wheels & tyres: Front: 9Jx20,245/35 ZR 20; Rear: 12Jx20, 305/30 ZR 20 Length: 4,545mm Width: 1,852mm Weight: 1,430kg 0-62mph: 3.5sec Top speed: 196mph **RATING:**

991 Turbo











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997 "2S" 3.8 Gen 2 (2009 - 09) Midnight Blue with Ocean Blue Lea Nav. 23k miles ..£45.000



Cobalt Blue with Black Leather, Sat Nav ...£43.000



Silver with Black Leather, Sat Nav, 46k ..£43.000



Aqua Blue with Black Leather, Sat Nav, 23k ..£43,000



997 "25" 3.8 (2008 - 57) Olive with Black/Stone Leather, Sat Nav, 45k



997 "2S" 3.8 (2008 - 08) Atlas Grey with Black Leather, Sat Nav, 25k



997 "2S" Cab 3.8 (2007 - 07) Silver with Black Leather, Sat Nav, 23k mile £36,000



996 Turbo Cab "X50" Tip (2003 - 53) Silver with Ocean Blue Leather, Sat Nav, £35,000



997 "4S" 3.8 (2006 - 56) Midnight Blue with Ocean Blue Leather, Sat ...£34,000



Nav, 31k miles



Basalt Black with Black Leather, Sat Nav



Basalt Black with Black Leather, Sat Nav



996 Turbo Cab "X50" (2003 - 53) Midnight Blue with Black Leather, Sat Nav

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PORSCHE PANAMERA TURBO

2009 - PANAMERA TURBO TIPTRONIC (CARBON GREY) 12,000 Miles Luxor Beige Full Leather Interior, Brass Aluminium Interior Look, PDK 7 Speed Automatic Gearbox, PASM, PSM, Burmester Upgraded Soundsystem, Porsche Crested Headrests, Sat Nav, PCM Module, 19" Turbo Porsche Alloys.

PORSCHE 997 - TURBO, C4S, C2S, C2

2008 - 997 TURBO COUPE TIP (MACADAMIA BRONZE) 28,000 Miles Full Savannah Beige Leather Interior, Black Leather Dashboard, TPC, PASM, PSM, PCM, Sat Nav, BOSE, White Dials, Xenon Headlights, Tracker, 19" Turbo Alloy Wheels, Only 1 Previous Owner, Full Porsche Service History.

2008 - 997 TURBO COUPE TIP (BASALT BLACK) 29,000 Miles Full Black Leather Interior, PASM, PSM, PCM, Sat Nav, BOSE, White Dials, Xenon Headlights, 19" Turbo Alloy Wheels, Full Porsche Service History.

2007 - TURBO COUPE MANUAL (COBALT BLUE) 35,000 Miles Metropole Blue Leather Interior, PSM, PCM, Sat Nav, PASM, BOSE, DVD, CD Player, Carbon Ceramic Brakes, White Dials, Xenon Headlights, Sport Chrono Plus, iPod Connection, 19" Turbo Alloy Wheels, Full Porsche Service History.

2007 - 997 TURBO COUPE TIP (ATLAS GREY) 43,000 Miles Black Leather Interior, PSM, PCM, Sat Nav, Heated Sports Seats, White Dials, Porsche Crested Headrests, Climate Control, Traction Control, 19" Turbo Alloy Wheels, Full Porsche Service History.

2009 - 997 C4S CABRIOLET PDK (GEN II) (BLACK) 26,000 Miles Full Black Leather Interior, PDK 7 Speed Double Clutch Transmission (Po Doppelkupplung), PCM, Sat Nav, BOSE, iPod and USB Connections, Xen Headlights,19" Porsche Sport Design Alloys, Full Porsche Service History.

2008 - 997 C2 CABRIOLET PDK (GEN II) (CREAM WHITE) 14,000 Miles Full Black Leather Interior, PDK 7 Speed Double Clutch Transmission (Porsche Doppelkupplung), PSM, PCM, Sat Nav, Xenon Headlights, 18° Porsche Carrera Sport Alloy Wheels with Colour Crested Centres, Full Porsche Service History.

2009 - 997 C2S COUPE (997 GEN II) PDK (BASALT BLACK) 21,000 Miles Full Black Leather Interior, PDK 7 Speed Gearbox, Upgraded Exhaust, Tracker, Climate Control, PASM, PSM, PCM, Touch Screen Sat Nav, iPod Connection, BOSE, White Dials, Xenon Headlights, 19" Turbo Alloy Wheels (Diamond Cut), New Tyres, Only 2 Previous Owners, Full Official Service History With Recent Service.

2009 - 997 C2S COUPE PDK (GEN II) (METEOR GREY) 32,000 Miles Full Black Leather Interior, PDK 7 Speed Dual Clutch Gearbox, BOSE, IPod Connector, PASM, PSM, PCM, Touch Screen Sat Nav, White Dials, 19"5-Spoke Porsche Alloy Wheels with New Tyres and Coloured Crested Wheel Centres, One Owner From New, Full Porsche Service History.

2008 - 997 C4S CABRIOLET MANUAL (BASALT BLACK) 10,000 Miles Full Savannah Leather Interior, Sport Chrono, Sports Exhaust, PSM, PCM, BOSE, Full Savannah Leather Interior, Sport Chrono, Sports Exhaust, PSM, PCM, BC CD Changer, Sat Nav, White Dials, Xenon Headlights, 19" Porsche Sport Desig Alloy Wheels with Colour Crested Wheel Centres, Full Porsche Service History

2007 - 997 C4S CABRIOLET TIP S (ARCTIC SILVER) 27,000 Miles Full Black Leather Interior, PSM, PASM, PCM, Sat Nav, BOSE, CD Changer, Heated Seats, White Dials, Xenon Headlights, 19" Porsche Carrera Alloy Wheels, New Front Tyres, Full Official Porsche Service History With Recent Major Service

2006 - 997 C2S CABRIOLET MANUAL (BASALT BLACK) 35,000 Miles Black Leather Interior, PSM, PCM, Sat Nav, White Dials, CD Changer, Heated Sports Seats, 19" Carrera Alloys, Full Porsche Main Dealer Service History.

2007 - 997 C2 COUPE MANUAL (SEAL GREY) 37,000 Miles
Full Black Leather Interior, PSM, PCM, Sat Nav, White Dials, Tracker, 19" Carrera
Alloy Wheels, Only 2 Owners, Full Porsche Service History.

2005 - 997 C2 CABRIOLET TIP (ARCTIC SILVER) 41,000 Miles Full Black Leather Interior, PSM, PCM, Sat Nav, Telephone, Cruise Control, BOSE, CD Changer, Multifunction Steering Wheel, Electric Memory Heated Sports Seats, Xenon Headlights, 19° Carrera Alloy Wheels, Full Porsche Service History.

PORSCHE 996 - GT2, GT3, TURBO, C4S

2003 - 996 GT2 (BASALT BLACK) 20,000 Miles
Full Black Leather Interior, Electric Windows, Climate Control, Rear Roll Cage,
Porsche Radio with CD Player, 18" GT3 Alloy Wheels, Full Service History.

2004 - 996 GT3 (ATLAS GREY) 29,000 Miles Comfort Specification, Full Black Leather Interior, Porsche Crested Sport Bucket Seats, 18" GT3 Alloy Wheels, Original GT3 Rear Spoiler and Front Splitter, Only Two Owners From New, Recently Fitted Tyres, Full Porsche Service History.

2004/54 - 996 TURBO 'S' MANUAL (BASALT BLACK) 19,000 Miles 2004/34 - 395 INDBO 3 IMANORL (BASILI BLACK) 19,000 Mills Fibrill Black Leather Interior, Standard Porsche Equipment Cage, Billstein PSS10 Lowered Suspension, Performance Friction 350mm Brakes, Porsche GT3 Nomex Bucket Seats with 5 Point Seat Belts By Willems, Full Engine Rebuild, Standard K24 Turbos, Standard Fly Wheel with Updated Clutch, Only One Previous Owner.

2003 - 996 TURBO COUPE MANUAL (BASALT BLACK) 45,000 Miles Black Leather Interior, PSM, PCM, Sat Nav, Telephone, On-Board Computer, BOSE, CD Changer, Cruise Control, Heated Sports Seats, Alcantara Headlining Sunroof, Xenon Headlights, Rear Wiper, Rain Sensor, Full Porsche Service His

2003 - 996 TURBO COUPE TIPTRONIC (COBALT BLUE) 33,000 Miles Stone Grey Leather Interior, PSM, PCM, Sat Nav, BOSE, Porsche Aerokit Rear Spoiler, Xenon Headlights, Only 2 Previous Owners, Full Porsche Service History.

2003 - 996 TURBO CABRIOLET TIP S (BASALT BLACK) 49,000 Miles Full Black Leather Interior, 2004 Chassis Built, PSM, PCM, Sat Nav, Rear Parking Sensors, Heated Seats, On-Board Computer, Cruise Control, 19"997 Turbo Alloy Wheels, Porsche and Specialist Service History.

2002 - 996 TURBO COUPE MANUAL (MERIDIAN SILVER) 44,000 Miles Mid Grey Leather Interior, PCM, PSM, Sat Nav, BOSE, White Dials, Computer, Climate Control, Xenon Headlights, 18" Turbo Alloys, OPC Service History.

2002 - 996 C4S COUPE (MIDNIGHT BLUE) 48,000 Miles
Full Black Leather Interior, Fully Electric Memory Seats, BOSE, Climate Control,
PSM, PCM, Sat Nav, Telephone, Full Service History.

PORSCHE 993 - TURBO, C2S, C2, TARGA

1998 - 993 TURBO S COUPE MANUAL (SPEED YELLOW) 60,000 Miles Black Leather/Carbon Fibre Interior, Electric Sports Seats, Porsche Radio and CD Changer, Yellow Dials, Seat Belts and Callipers, Sunroof, Litronic Headlights, 18° Turbo S Alloy Wheels, Full Service History.

1998 - 993 TURBO COUPE MANUAL (FOREST GREEN) 34,000 Miles Cashmere Beige Leather Interior, Only 1 Owner, Porsche Exclusive Carbon and Aluminium Pack, White Dials, Sport Seats, Turbo Crests On Back Seats, Alpine Wiles AC Seat Classic 184 Wheels, Eull Porsche Service History. Cashmere Beige Leather Interior, Only 1 Owner, Porsche Exclusive Carb Aluminium Pack, White Dials, Sport Seats, Turbo Crests On Back Seats, Upgraded Stereo, AC, Sport Classic 18" Wheels, Full Porsche Service Hi

1995 - 993 TURBO COUPE MANUAL (ARENA RED) 31,000 Miles Grey Leather Interior, Wood Package, Cruise Control, Uprated Becker CD Player Bluetooth, Speakers, Sat Nav Compatibility, Climate Control, 18" Turbo Alloys, Official Porsche Centre Service History.

1998 - 993 C2S COUPE TIPTRONIC (ARCTIC SILVER) 59,000 Miles Full Grey Leather Interior, Original Porsche CD Player & Radio, Origina Engine Lid, 18" Carrera Alloy Wheels, Full Main Dealer Service History.

1996 - 993 C2 COUPE TIPTRONIC 'VARIORAM' (IRIS BLUE) 73,000 Miles ck Leather Interior, On-Board Computer, Upgraded Stereo and CD Changer nate Control, 16" Carrera Alloy Wheels, OPC and Specialist Service History

1996 - 993 C2 TARGA TIPTRONIC (TURQUOISE) 83,000 Miles Marble Grey Leather Interior, Varioram, Electric Glass Targa Roof, Pors On-Board Computer, 17" Targa Alloy Wheels, Full Specialist Service His

1995 - 993 C2 COUPE MANUAL (GRAND PRIX WHITE) 92,000 Miles Dark Grey Full Leather Interior, 6 Speed Manual, Uprated Kenwood Soundsystem External Audio Connector (IPod. MP3 etc), Sunroof, 17" Targa Alloy Wheels, New Tyres Fitted, Full Porsche and Specialist Service History.

1995 - 993 C2 COUPE TIPTRONIC (SLATE GREY) 81,000 Miles Black Leather Interior, On-Board Computer, Climate Control, 18" Porsche Turbo Alloy Wheels, OPC and Specialist Service History.

1995 - 993 C2 COUPE TIPTRONIC (MIDNIGHT BLUE) 55,000 Miles Marble Grey Leather Interior, Varioram, Sony Stereo Player, AC, Rear Wiper, 17" Porsche Cup II Alloy Wheels, Full Service History, Recently Serviced.

1989 - 911 CARRERA 3.2 CABRIOLET (G50 GEARBOX) 124,000 Miles Iris Blue Metaliic, Full Beige Interior, Manual, Matching Numbers Example, Matching Dark Blue Hood, Fully Electric Soft Top, Period Correct Fuchs Alloy Wheels, Comprehensive Service History, 10 Years With The Same Owner.

1989 - 911 CARRERA 3.2 CABRIOLET (G50 GEARBOX) 92,000 Miles Black Metallic, Full Black Interior, Manual, Matching Numbers Example, Matching Black Hood, Fully Electric Soft Top, Electric Windows and Mirrors, Period Correct Fuchs Alloy Wheels, 21 Years With The Same Owner, Full Service History.

FERRARI - MODELS FROM 1967 +

2005 - FERRARI 360 SPIDER F1 (GRIGIO TITANIO) 22,000 Miles ne Leather Interior, F1 Semi-Automatic Gearbox, Scuderia Shields, 18" nenector, alloys With Ferrari Crests, Challenge Stradale Gniji, iPod Connector, ari Crested Seats, Original Tool Kit and Manuals, Full Detailed Service History.

2005 - FERRARI 360 F1 SPIDER (ROSSO RED) 42,000 Miles
Black Leather Interior, F1 Paddle Shift Gearbox, Scuderia Wing Shields, Ferrari
Stereo With Optional Upgraded Soundsystem, Stability Control, ASR, Sport Mode,
Ferrari Crested Seats, 19" Ferrari Alloy Wheels With Yellow Ferrari Crests, Full
Ferrari Service History, Recently Serviced.

2002 FERRARI 360 MODENA (T. DE FRANCE BLUE) 25,000 Miles Creme Leather Interior, Manual, Stainless Steel Gated Shifter, Scuderia Shields, Challenge Stradale Grill, CD/DVD Player, Ferrari Crested Seats, 18" Modena Alloy Wheels with Ferrari Creste, Full Detailed Service History

1998 - F550 MARANELLO COUPE MANUAL (SILVER) 53,000 Miles Navy Leather Interior, Sat Nav with DVD, ASR Sports Mode, Electric Seats, Upgraded Radio and 6 CD Changer, Climate Control, Ferrari Service History.

1996 - FERRARI F355 SPIDER GIALLO MODENA 28,000 Miles Giallo Modena Yellow, Manual, Full Nero Black Interior, Optional Sports Mode, Tonnau Cover, 18" Ferrari 355 Alloys, Original Toolkit, Full Service History, Recently Serviced. This car has been known to us for a period of 5 years.

1973 - DAYTONA 365 GTB 4 RHD (ROSSO RED) 38,000 Miles Black/Red Leather Interior, Red Carpets, Climate Control, "Ferrari Classiche" Full Continuous History, Superb Provenance, 3 Owners From New.

1967 - 275 GTB 4 MANUAL LHD (ARGENTO SILVER) 59,000 Miles Full Black Leather Interior, Detailed Restoration History, Original Build Sheets, Sales Invoice, Tool Kit, Wallet, Hand Books, Numerous Concourse and Awards Winner, Engine Rebuilt By Ferrari 26,000 KMS Ago, Comprehensive Photos Showing The Repaint and Work Done By Ferrari.

CLASSICS - AC, PORSCHE, JAGUAR, BENTLEY

1991 - AC COBRA LIGHTWEIGHT (BLACK METALLIC) 5,000 Miles 1 of 26 RHD Lightweights, Black Metallic Coachwork with White Stripes, Full Black Leather Interior, Full Weather Equipment, Absolutely Stunning Condition.

1978 - PORSCHE 911 TURBO 3.3L (GUARDS RED) Approx. 50,000 Miles Full Black Leather Interior, Original Blaupunkt Stereo, Original 16" Fuchs Alloys and Toolkit, Original Turbo Spoiler, Comprehensive Service History.

1962 - JAGUAR 3.8 MARK II AUTOMATIC LHD (BLACK) 16,478 Miles Black Coachwork, Red Leather Interior, Power Assisted Steering, Wire Wheels, Black Coachwork, Red Leather Interior, Power Assisted Ste Recent Restoration To Virtually Concours Standard.

1936 - BENTLEY 4 1/4 PILLARLESS COUPE (MIDNIGHT BLUE) Gurney Nutting Coachwork, 40 Years Extensive History, A True Classic, Or Throughout, Exhibited At Louis Vuitton Concours D'Elegance in Paris 2003. Full Mid-Grey Leather Interior, Sunroof.

1935 - BENTLEY DERBY 3.8L SALOON
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1964 - PORSCHE 356 SC COUPE LHD (SIGNAL RED)
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2010 - PGO BUGGY BR - 500 RCN PGO BUGRACER (WHITE) 700 Miles Original PGO Buggy, Powered by a 500cc Motorbike Engine, Steel Tube Right Hand Drive, Road Legal, Locking Differential, Hand Brake Reverse

1999 BMW Z3M COUPE MANUAL (IMOLA RED) 51,000 Miles
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£84 995



911 Turbo (997, 6-Speed) Arctic Silver • Black Leather Seats • Sport Chrono Pack Plus • Satellite Navigation • 11,000 miles 2007 (57)



911 Carrera 4 S Cabriolet (997 GEN II) 7-Speed PDK • Arctic Silver • Black Leather Seats Sport Chrono Pack with Sport Plus • Touchscreen Satellite Navigation • 23,000 miles • 2009 (59) £52 995



911 Carrera 2 S Cabriolet (997 GEN II) 7-Speed PDK • Basalt Black • Black Leather Seats Sport Chrono Pack with Sport Plus • 19" Carrera S II Wheels • 27,000 miles • 2009 (59)



911 Carrera 2 S (997 GEN II)
7-Speed PDK • Guards Red • Black Leather Sports
Seats • Touchscreen Satellite Navigation • 19"
Carrera 'S' II Wheels • 18,000 miles • 2009 (59)
£47,995



911 Carrera 4 (997 GEN II) 6-Speed • Basalt Black • Black Leather Seats Switchable Sports Exhaust • 19" Carrera 'S' II Wheels • 10,000 miles • 2009 (59) £47,995



911 Carrera 2 S (997 GEN II) 6-Speed • Meteor Grey • Black Leather Seats Switchable Sports Exhaust • Touchscreen Satellite Navigation • 35,000 miles • 2009 (59) £44,995



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Sports Seats • Touchscreen Satellite Navigation
19" Turbo Wheels • 15,000 miles • 2010 (10)
£34 995



911 Carrera 2 (997) 6-Speed • Seal Grey • Blue Leather Seats 19" Carrera S Wheels • Satellite Navigation 35,000 miles • 2006 (06) £32,995



Boxster S (987 GEN 11)
7-Speed PDK • Basalt Black • Black Leather Seats
Touchscreen Satellite Navigation • 19" Carrera 'S' II
Wheels • 7,000 miles • 2010 (10)
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Boxster 2.9 (987 GEN II) 6-Speed • Aqua Blue • Blue Leather Seats 18" Boxster S II Wheels • Heated Seats 25,000 miles • 2009 (09) £23,995



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Arctic Silver with Metropole Blue Leather 78,000 miles

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Seal Grey with Black Leather interior 78,000 miles

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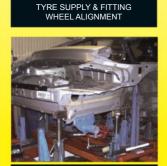
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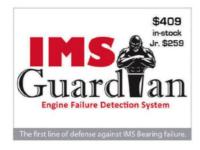
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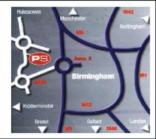
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Issue 101 in shops and online from 22 May 2013



hope you enjoyed this special 100th edition of Total 911 under my guest editorship. The magazine will return to its normal format next month, where the journey toward the next 100 issues will commence.

What's next for me this year? Well, as I said at the start of the issue, 2013 is shaping up to be a very memorable year for myself and Porsche. Recently, I have been invited to participate in a lot of European TV car shows, which is something I like a lot, while Stateside I have been fortunate to appear on Jay Leno's Garage twice. Jay is an all-out motorhead, car enthusiast and great guy.

My wife Karen and I are planning a European tour taking in the Porsche museum and factory, along with finally getting to drive some of those great mountain roads I keep hearing about - if I can get Porsche to loan us a car for two weeks.

I also plan on finishing my two '67 S cars (right), one being a full-blown, R-inspired hot rod build that has been on again, off again over the past two years, and the other a more relaxed slide down the slippery slope of a slight makeover.

Currently, I am developing a line of car items, including drilled door handles, louvered deck lids, horn buttons and floorboards that I hope to have available within the next six months as part of our Urban Outlaw line. I am constantly asked for these items, and think there might be a market for them, as I feel there is an outlaw inside all of us.

"Happy 50th to Porsche for giving us the 911 we all love, and congratulations to Total 911 for 100 great issues"

Most of my decisions are made on gut feelings, and my Porsche hobby is about to take the next turn. Where it will lead I don't know, but this is all part of the journey. I just keep doing what I love and put my energy into making the best 91ls I can.

On a final note, I often get asked what the best Porsche to own is, and my answer is always the same: the one you have the keys to. In the end, it's all about the drive. Every time I get behind the wheel is the start of a new adventure, and I am along for the ride! So get out there, go for a drive, burn some rubber and have some fun.

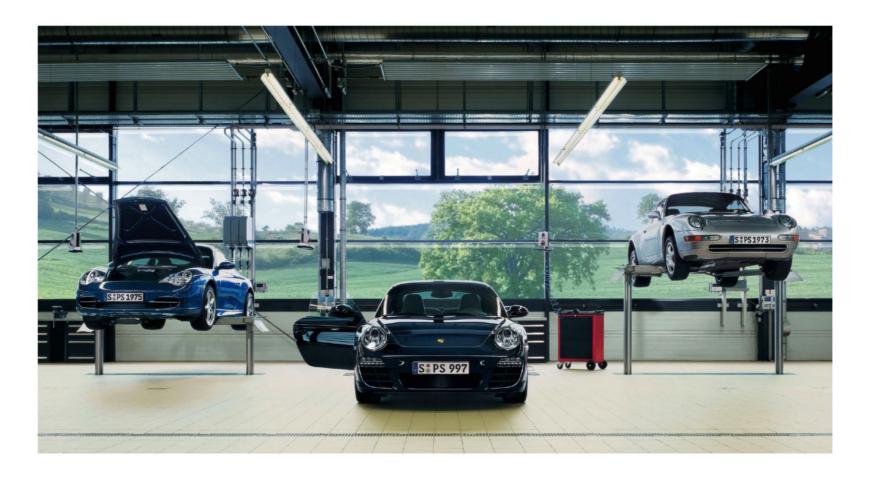
Happy 50th to Porsche for giving us the 911 that we all love, and congratulations to Total 911 for 100 great issues.

Thanks for riding along, and cheers from sunny Los Angeles.

Magnus







The 911 50th Anniversary Service Clinic.

Saturday 15 June 2013.

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