



 PORSCHE 996/997 GT3



 SPORTS EXHAUST SYSTEM

The ultimate Sports Exhaust system for the Porsche GT3 inc RS & CS QuickSilver were approached by a well known specialist in racing and track-day Porsche, to develop a complete 'SuperCup' exhaust system for enthusiast customers.

 THE REQUIREMENT

- ✓ More Power + 20bhp.
- ✓ Less Weight – to lose over 20kgs (~44lbs) from the rear of the car.
- ✓ Ease of fit & no loss of ground clearance > All in a compact volume.
- ✓ Great Sound - but to enable compliance with most track-day venues – A tall order!
- ✓ Motorsport Look.
- ✓ Appropriate Sound – about 105dB > but reduced further with removable 'Titanium' cans.

An ambitious project, requiring new materials technology, manufacturing methods, component integration and constant testing.

The factory exhaust includes five muffler casings, 2 x Cats, 2 x side mufflers and 1 x rear muffler. Quicksilver's brief was to distil these into 1 x casing & similar to the system produced by Porsche's Motorsport Dept for their international one-make racing series.

Drawing on their constant racing experience our partners were able to provide technical input and testing facilities.

Throughout the development period the system was evaluated both at our partner's in-house test facilities and on the track. Each time refinements were included in the overall design to create a fantastic system worthy of the Porsche name.




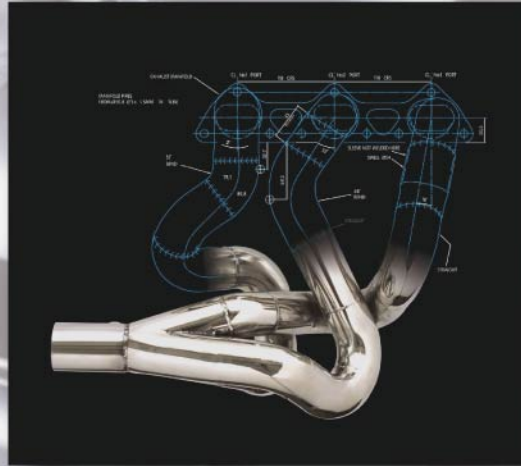
GT3 Standard system



QuickSilver system

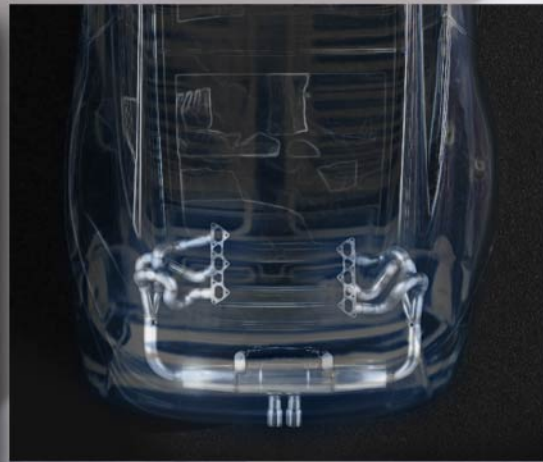
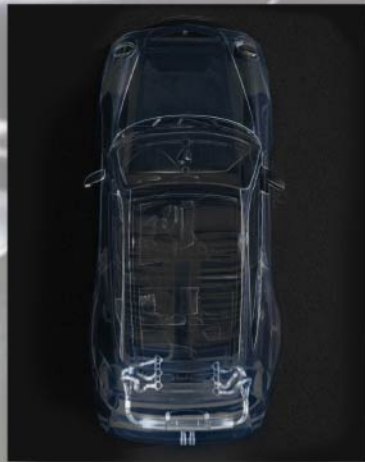


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 QUICKSILVER SYSTEM INCLUDES

- ✓ Manifolds with equal-length primary pipes of the appropriate bore for optimum power.
- ✓ Single rear silencer casing housing integral 200 cpsi 'Race' catalytic converters.
- ✓ Provision for fitting of OBD2 exhaust sensors measuring the exhaust gas composition before and after the 'cats' on both cylinder banks.



 SOUND

Measured on 997 GT3 ClubSport > .5m at 45 deg - 05/10/07:

Idle	85 dB
2000 rpm	93 dB
4000 rpm	98 dB
6200 rpm (MSA test)	104 dB

Track-day compliance – The standard GT3's exhaust system has gained a reputation for failing scrutineering at many track-day venues. QuickSilver cannot guarantee that their system will meet all requirements but our easily fitted 'Slip-on' Track-day cans will help.

1954

1964

1964

1971

1989

1984

1994

2007



PORSCHE 996/997 GT3

'TITANIUM' TRACK-DAY CANS

For those cars on the cusp of qualification QuickSilver offer a pair of extra lightweight silencers manufactured mostly from titanium and light enough to replace the usual tips and fit on-the-day > to reduce the sound by a further couple of db. Our usual 90mm tips weigh 400gm each and the 'Titanium' cans weigh 900 gms (~2lbs) each, light enough not to require any further support brackets.



'Titanium' Track-Day Cans

WEIGHT

The QuickSilver system is less than half the weight of the standard Factory exhaust > OE system – 42.2 kgs QuickSilver system – 21.7 kgs (~47.7lbs)

Weight reduction of 20.5 kgs (~45 lbs) from the rear most area of the car and a lowering in the centre of gravity.



Full System on Test Jig



QuickSilver system intalled

Superior Exhausts for the World's Finest Cars



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 COMMENTS

PRESS SAY:

'GT Purely Porsche' Magazine – October 2006 – Tested on 996 GT3

'The system liberates a further 20bhp on the staple of 381bhp as well as well as gains in mid-range torque that add a subtle layer of muscle to the power delivery' 'The system's reduced weight over the back axle plays an important part in making the RS feel so alert and adjustable at the limit'

CUSTOMERS SAY:

Patrick - Singapore – December 2007

The new exhaust sounds fabulous. In fact, it sounds much louder and more aggressive than my souped-up 599. I love it. The delivery of the low rev torque feels more imminent than before which is really out of my expectation. The high rev power is as strong as I would have expected. The backend of the car feels much lighter and the handling is more nimble accordingly. I am very pleased by both the performance of your product and your professional after sales service.

Would definitely recommend QuickSilver to my friends without hesitation.

Chris – USA – October 2007

We did some road testing yesterday with the exhaust.....very nice. The sound was incredible. The customer was pleased as was I. Just enough sound....we really thought it was going to be too loud but it's perfect. We did several full throttle passes and it sounded great! Very pleased.



QuickSilver has been producing exhaust systems for Road, Track and Concours since 1973

 CONTACT

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