

The background of the image shows a close-up of carbon ceramic brake pads. The pads are dark and textured, with several bright yellow paint splatters or marks scattered across their surface. The lighting is dramatic, highlighting the texture of the ceramic and the vibrant color of the yellow marks.

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# CARBON CERAMIC INFORMATION PACKAGE

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## OUR ROOTS AND WHO WE ARE

WP Pro's roots date back to 1981 when WinnerPower was born to focus on the production of brake components and tuning parts (including turbo-charging) for the automotive racing industry. By the early 1990's we had designed and began the production of one of the first six-piston brake calipers on the market. This was the turning point for WinnerPower and was the leading factor to the evolution into WP Pro.

With the demand of multi-piston brake calipers quickly escalating throughout the 1990s, WP Pro had been established to focus solely on the development of high performance braking systems and products. With over 30 years of extensive R&D and product expertise, WP Pro had invested into the development and manufacturing of all of its big-brake kits in-house and by the 90's our manufacturing facility was focused to support WP Pro's expansion into the braking system industry.

We now supply a global market focusing on performance brake kits for the after-market, racing, OE, and specialty (armoured) industries. From big brake kit upgrades to FIA regulated prototype racing braking systems, there's nothing too small or too big for a company with a racing heritage and a need for perfection.

## SOLUTIONS WE PROVIDE

- Bespoke braking systems
- Big Brake Kit upgrades
- Calipers, Rotors, Rotor Hats, Accessories
- Custom design services and prototyping
- Full braking solutions
- Specialty vehicle brake system design (armored, formula series, racing, etc.)
- Technical support



# WP PRO BRAKES' SOLE PURPOSE IS TO HELP YOU BRING YOUR VISION OF THE PERFECT CAR TO REALITY.

By using the highest quality of raw materials and proprietary manufacturing techniques, we provide unique, innovative solutions that will meet any of your rigorous demands.





## **CARBON CERAMIC MATRIX DISCS**

In conjunction with our technical partner, Surface Transforms, we are proud to offer our line of carbon ceramic (CCM) discs as both OE replacement and OE upgrade kits for select vehicles.

Surface Transforms is a world renowned manufacturer of carbon ceramic discs providing the world's leading producers of high performance cars with a new carbon ceramic technology that offers the following benefits thanks to its patented Continuous Fibre construction:

- Weight savings of up to 70% over iron brakes
- Up to 3x the thermal conductivity (100-120 w/mK) of current CCM discs
- Improved handling and driveability
- Improved NVH (less noise, vibration and harshness)

- Improved performance in wet and dry conditions
- Up to 10x the life span in comparison to conventional CCM rotors
- The ability to refurbish a ceramic rotor up to 3 times in its life which vastly reduces the cost for end users.
- Corrosion free
- Outstanding performance even from cold

Our OE Replacement and OE Upgrade kits consist of an axle set (pair) of 2-piece discs (rotors + bell/hat) plus any necessary hardware required to easily fit the kit onto the car. Some of our upgrade kits use slightly larger rotors than those fitted by the OEM and so calliper spacers will be provided to help locate the calliper correctly.

Brake kits do not include brake pads; these are sold separately to the kits.



# INNOVATION IS KEY TO PERFECTING THE DRIVE.

We are always examining new technologies for increased performance, reliability, and safety and in turn for the ultimate in driving experience.





# CURRENT KITS

Below is a list of our OE replacement and OE upgrade systems. If there are inquiries for applications not listed below, please contact us, as we are constantly revising our CCM rotor offerings.



MAKE	MODEL	TRIM	KIT	PART #	FRONT SET		PART #	REAR SET		NOTES
					DESCRIP.	MSRP [USD]		DESCRIP	MSRP	
Aston Martin	V8 Vantage	Model Year 2005+	OE Upgrade	ST-K-1018	380 x 32 mm	\$6,720.00	ST-K-1019	330 x 28 mm	\$6,720.00	
Ferrari	430	Scuderia	OE Replacement	ST-K-1013	398 x 36 mm	\$6,720.00	ST-K-1014	350 x 34 mm	\$6,888.00	
Ferrari	458	Italia/Spider	OE Replacement	ST-K-1011	398 x 36 mm	\$6,720.00	ST-K-1012	360 x 32 mm	\$7,392.00	
Ferrari	458	Challenge	OE Replacement	ST-K-1039	398 x 38 mm	\$6,720.00	ST-K-1040	380 x 34 mm	\$6,720.00	
Nissan	GT-R R35	Model Year 2011+ (Excluding Spec V)	OE Upgrade	ST-K-1005	400 x 34 mm	\$6,862.80	ST-K-1006	400 x 30 mm	\$7,056.00	Note 1
Nissan	GT-R R35	Model Year 2008 to 2010 (Excluding Spec V)	OE Upgrade	ST-K-1017	400 x 34 mm	\$6,862.80	ST-K-1006	400 x 30 mm	\$7,056.00	Note 1
Porsche	981	Cayman GT4	OE Replacement	ST-K-1033	410 x 36 mm	\$7,140.00	ST-K-1034	400 x 32 mm	\$7,140.00	
Porsche	991	GT3/GT3 RS (Center-lock or Five-stud)	OE Replacement	ST-K-1020	410 x 36 mm	\$7,140.00	ST-K-1021	400 x 32 mm	\$7,140.00	
Porsche	991	Turbo/Turbo S (Centre-lock or five-stud)	OE Replacement	ST-K-1033	410 x 36 mm	\$7,140.00	ST-K-1034	400 x 32 mm	\$7,140.00	
Porsche	996	Turbo	OE Replacement	ST-K-1027	350 x 34 mm	\$7,190.40				
Porsche	981	Cayman GT4	OE Upgrade	ST-K-1035	410 x 36 mm	\$7,392.00	ST-K-1036	400 x 32 mm	\$7,392.00	
Porsche	991	GT3/GT3 RS (Center-lock or Five-stud)	OE Upgrade	ST-K-1024	410 x 36 mm	\$7,392.00	ST-K-1025	400 x 32 mm	\$7,140.00	Note 2
Porsche	991	Turbo	OE Upgrade	ST-K-1037	410 x 36 mm	\$7,392.00	ST-K-1038	400 x 32 mm	\$7,392.00	Note 3
Porsche	997	GT3 Cup	OE Upgrade	ST-K-1022	380 x 34 mm	\$7,140.00	ST-K-1023	362 x 29 mm	\$7,140.00	
Porsche	997	GT2 (Center-Lock of Five-Stud)	Replacement/ Upgrade	ST-K-1001	392 x 35 mm	\$6,720.00	ST-K-1002	362 x 29 mm	\$6,644.40	Note 4
Porsche	997	GT2 (Center-Lock of Five-Stud)	Replacement/ Upgrade	ST-K-1004	380 x 34 mm	\$6,720.00	ST-K-1002	362 x 29 mm	\$6,644.40	Note 5
Porsche	997	GT3/GT3 RS (Center-Lock of Five-Stud)	Replacement/ Upgrade	ST-K-1001	392 x 35 mm	\$6,720.00	ST-K-1002	362 x 29 mm	\$6,644.40	Note 4
Porsche	997	GT3/GT3 RS (Center-Lock of Five-Stud)	Replacement/ wUp-grade	ST-K-1004	380 x 34 mm	\$6,720.00	ST-K-1002	362 x 29 mm	\$6,644.40	Note 5
Porsche	997	Turbo	Replacement/ Upgrade	ST-K-1003	392 x 35 mm	\$6,720.00	ST-K-1002	362 x 29 mm	\$6,644.40	Note 4
Porsche	997	Turbo	Replacement/ Upgrade	ST-K-1026	380 x 34 mm	\$6,720.00	ST-K-1002	362 x 29 mm	\$6,644.40	Note 5
Range Rover	Autobiography/ SV Autobiography	Model Year 2012+	OE Replacement	ST-K-1031	380 x 36 mm	\$7,165.20	ST-K-1032	365 x 25 mm	\$7,165.20	
Rolls Royce	Ghost	Model Year 2009+	OE Replacement	ST-K-1028	395 x 38 mm	\$6,972.00	ST-K-1030	402 x 30 mm	\$8,265.60	
Rolls Royce	Wraith	Model Year 2013+	OE Replacement	ST-K-1028	395 x 38 mm	\$6,972.00	ST-K-1029	402 x 30 mm	\$8,265.60	

#### NOTES:

1. When using the CCM brake kit for track/heavy duty driving, additional brake cooling is recommended due to the high levels of braking energy that can be generated during high speed stops.

2. The 991 Front Upgrade Kit includes both N/S/F and O/S/F brake lines to accommodate larger diameter

3. The 991 Front and Rear Upgrade Kits include both N/S/F and O/S/F brake lines to accommodate larger diameter disc (OE Porsche parts).

4. The front discs are for 19" front wheels. Front and Rear kits have ECE R90 accreditation, which is equivalent to TÜV accreditation in Germany

5. The front discs are for 18" front wheels.



# PATENTED CONTINUOUS FIBRE CONSTRUCTION

That means up to 10x the life span  
in comparison to conventional CCM rotors,  
Improved performance in wet and  
dry conditions and the ability to refurbish  
a ceramic rotor up to 3 times in its life.





## **BRAKE PADS**

WP Pro supplies and recommends Pagid high performance brake pads (RSC1 and RS29) for all CCM systems. These pads have been extensively tested to provide the optimum braking performance with CCST brake discs.

We recommend using Pagid RSC1 material for primarily road and occasional track use and Pagid RS29 material for track use alone.





MAKE	MODEL	TRIM	TYPE	FRONT SET		REAR SET	
				PART #	MSRP [USD]	PART #	MSRP [USD]
Porsche	991	GT3/GT3 RS	RS29 Track Pads	ST-BP-1074	\$566.58	ST-BP-1076	\$479.61
Porsche	991	GT3/GT3 RS	RSC1 Road & Track Pads	ST-BP-1073	\$625.30	ST-BP-1075	\$515.22
Porsche	991	Turbo/Turbo S	RS29 Track Pads	ST-BP-1074	\$566.58	ST-BP-1076	\$479.61
Porsche	991	Turbo/Turbo S	RSC1 Road & Track Pads	ST-BP-1073	\$625.30	ST-BP-1075	\$515.22
Porsche	981	Cayman GT4	RS29 Track Pads	ST-BP-1074	\$566.58	ST-BP-1076	\$479.61
Porsche	981	Cayman GT4	RSC1 Road & Track Pads	ST-BP-1073	\$625.30	ST-BP-1075	\$515.22
Porsche	997	GT2	RS29 Track Pads	ST-BP-1021	\$578.94	ST-BP-1023	\$434.65
Porsche	997	GT2	RSC1 Road & Track Pads	ST-BP-1022	\$619.65	ST-BP-1024	\$487.02
Porsche	997	GT3/GT3 RS	RS29 Track Pads	ST-BP-1021	\$578.94	ST-BP-1023	\$434.65
Porsche	997	GT3/GT3 RS	RSC1 Road & Track Pads	ST-BP-1022	\$619.65	ST-BP-1024	\$487.02
Porsche	997	GT3 Cup	RS29 Track Pads	TBC	\$585.13	ST-BP-1023	\$434.65
Porsche	997	Turbo	RS29 Track Pads	ST-BP-1021	\$578.94	ST-BP-1023	\$434.65
Porsche	997	Turbo	RSC1 Road & Track Pads	ST-BP-1022	\$619.65	ST-BP-1024	\$487.02
Porsche	996	Turbo	RS29 Track Pads	ST-BP-1021	\$578.94	ST-BP-1025	\$362.28
Porsche	996	Turbo	RSC1 Road & Track Pads	ST-BP-1022	\$619.65	ST-BP-1026	\$525.22
Nissan	GT-R R35	Model Year 2011+ (Excluding Spec V)	RS29 Track Pads	ST-BP-1035	\$726.77	ST-BP-1049	\$436.51
Nissan	GT-R R35	Model Year 2011+ (Excluding Spec V)	RSC1 Road & Track Pads	ST-BP-1036	\$829.26	ST-BP-1081	\$572.49
Nissan	GT-R R35	Model Year 2008 to 2010 (Excluding Spec V)	RS29 Track Pads	ST-BP-1035	\$726.77	ST-BP-1049	\$436.51
Nissan	GT-R R35	Model Year 2008 to 2010 (Excluding Spec V)	RSC1 Road & Track Pads	ST-BP-1036	\$829.26	ST-BP-1081	\$572.49
Ferrari	458	Italia/Spider	RS29 Track Pads	ST-BP-1037	\$854.11	ST-BP-1033	\$434.62
Ferrari	458	Italia/Spider	RSC1 Road & Track Pads	ST-BP-1038	\$905.23	ST-BP-1034	\$512.30
Ferrari	430	Scuderia	RS29 Track Pads	ST-BP-1037	\$854.11	ST-BP-1033	\$434.62
Ferrari	430	Scuderia	RSC1 Road & Track Pads	ST-BP-1038	\$905.23	ST-BP-1034	\$512.30
Ferrari	458	Challenge	RS29 Track Pads	ST-BP-1037	\$854.11	ST-BP-1033	\$434.62
Ferrari	458	Challenge	RSC1 Road & Track Pads	ST-BP-1038	\$905.23	ST-BP-1034	\$512.30
Rolls Royce	Ghost	Model Year 2009+	RSC1 Road & Track Pads	ST-BP-1055	\$590.18	ST-BP-1056	\$581.28
Rolls Royce	Wraith	Model Year 2013+	RSC1 Road & Track Pads	ST-BP-1055	\$590.18	ST-BP-1056	\$581.28
Range Rover	Autobiography/ SVAutobiography	Model Year 2012+	RSC1 Road & Track Pads	ST-BP-1057	\$806.40	ST-BP-1058	\$554.40
Aston Martin	V8 Vantage	Model Year 2005+	RS29 Track Pads	ST-BP-1066	\$434.65	ST-BP-1067	\$381.36
Aston Martin	V8 Vantage	Model Year 2005+	RSC1 Road & Track Pads	ST-BP-1077	\$512.30	ST-BP-1078	\$469.69





## REFURBISHMENT

With the next generation brake disc material, it is possible to refurbish our CCM discs when standard carbon ceramic discs would need to be thrown away.

Refurbishment of a pair of disc assemblies (rotor, bells/hats, bobbins, etc.): 500 USD plus applicable shipping fees. Cost includes disassembly, new hardware and reassembly.

The discs will be inspected and disassembled. The rotors will then be refurbished and re-assemble to the disc using new hardware (excluding bells/ hats).

In some instances, it may not be possible to refurbish rotors. We will contact you to discuss how to progress if it is determined that the rotor cannot be refurbished.

## OUR COMMITMENT

We have extensive experience in working with a multitude of clients and can guarantee that we will find a solution for your need. Our mission is to aid our clients in their quest to build their perfect car through the provision of superior quality of products and services, and unparalleled performance of our products.