



## PRESS RELEASE

### September 2011

#### The all-new Carbon Fibre PPI RAZOR GTR-10 limited production Supercar

**Intense driving pleasure in a strikingly bold design.**

**More POWER**

**More STYLE**

**More PASSION**

The only exclusive Audi-tuner from Germany, PPI Automotive Design GmbH, breaks through the Audi-tuning arena yet again, and presents their new limited production Supercar, the **PPI RAZOR GTR-10**. The Audi specialist turned its focus on optimising the power-to-weight ratio of the Audi R8 while simultaneously strengthening the motor, increasing performance, improving handling dynamics, and managing to reduce the weight of the Audi R8. The end result is a culmination of knowledge from the past year in *research and development* to create a truly inspired production car; the **RAZOR GTR-10**. This vehicle will be available to only **10** select individuals.

#### **Performance**

Following the introduction of the **PPI RAZOR GTR** supercharged V8; PPI Automotive Design GmbH has increased their repertoire by refining the Audi R8 V10 model. PPI Automotive Design utilized all its magic to optimize the aerodynamics as well as performance of the series vehicle.

The essential part of the motor alteration is the incorporation of race-proven parts. The air intake system over the rear engine cover is not only a lightweight component but also serves dual duty as a channel for the ram-charged sport air filter system. A lightweight high performance exhaust system made of stainless steel has been designed and added specifically to work in conjunction with the V10. This is tipped off with Ceramic-Coated oval tips. These components are precisely adjusted to each other with the help of a new ignition map for motor electronics. The result is pure engine refinement of the highest calibre.

The performance numbers:

The result, after this extensive modification, is a normally aspirated V10 engine with over 602 hp (449 kW).

at 7,400 rpm, and a maximum torque of 566 Nm at 6,400 rpm at its disposal. Couple the power increase with a weight decrease of 250 kg (depending on options) over its serial counterpart (serial curb weight V10 R-tronic: 1,625 kg). The end result is the ability to achieve speeds from 0 to 100 km/h in a mere 3.2 seconds (with modified R-tronic Gearbox) and a maximum top speed of 336 km/h. This insures the proper performance to easily meet the demands of its motorsports and enthusiast clientele.



## **Aerodynamics**

In addition to the excellent driving performance, this PPI Supercar also has a striking widebody appearance with elaborate, wind tunnel tested aerodynamics. Special attention was paid to the reduction of the vehicle's weight, which was achieved by PPI's extensive use of the high-strength formula 1 and aerospace-proven Carbon Fibre technology. All parts are made of this high-tech material, reducing weight and adding strength in the process.

The **RAZOR GTR-10** front bumper replaces the serial bumper and the new design in conjunction with a specially engineered front diffuser reduces lifting forces at the front axle. Larger air inlets in connection with a new incorporated LED day-running unit present the two-seater with an even more athletic and aggressive face. More importantly, these air inlets feed the radiators with additional fresh air and channels through the new front hood to provide optimal cooling to the brake system. PPI sideskirts highlight the sporty profile of the **RAZOR GTR-10** and also diffuses the airflow around the sides of the car for improved aerodynamic stability. The inlets of the sideskirts further aid much needed cooling to the engine oil coolers and rear brake system.

The roof pillars and doors, like the rest of the supercar, are draped in carbon fibre.

In order to perfectly balance out the down-force behaviour of the front-axle with the rear axle, PPI equips the **RAZOR GTR-10** with a special hollow, Carbon Fibre rear wing with an adjustable Gurney-flap. The motor cover is made of carbon fibre and incorporates glass made of the light high-tech polycarbonate material **Makrolon®**. The engine lid also has specially designed Carbon Fibre ram-charged air inlets that replace the heavy OE/OEM Engine cover and further aids in cooling the engine as well as feeding ram-charged air to the intake system, ensuring the consistent performance of the **RAZOR GTR-10**. Aiding in the engine cooling, are the newly designed side blades, rear fenders and rear bumper that all allow for additional motor bay and exhaust cooling that, in conjunction with the Carbon Fibre rear diffuser, optimises the airflow over and through the rear portion of this sharp performance car.

## **Handling**

A new widebody skin allows the PPI RAZOR GTR-10 the proper structure to accommodate all the performance enhancements, including wider wheels and tires. Not to mention enhancement to the overall appearance of the car. The **RAZOR GTR-10** utilizes specially designed lightweight **MAG11 Forged Aluminium PPI** wheels. At the front, **9Jx19** MAG11 wheels weighing **10.0 kg** with **245/35 ZR 19** Michelin Pilot Sport 2 tyres are fitted and an impressive **12.0J x 20** MAG11 wheels weighing **10.9 kg** with **325/25 ZR 20** Michelin Pilot Sport 2 tyres are used at the rear. This wheel and tyre-combination proves to be the optimal balance between comfort and control while maintaining proper road feedback for the driver.

PPI has also developed a special high-performance braking system available for the **RAZOR GTR-10** that can be identified by its metallic orange-coloured brake callipers. The optimal deceleration and perfect pedal pressure control is now achieved by enlarged 6-piston callipers in connection with extra-large discs measuring 380 x 36 millimetres at the front and 356 x 32 mm discs at the rear axle providing greater pad surface contact area and heat dissipation. Alternatively, the vehicle can be equipped with Audi's Carbon Ceramic Brake System with PPI-specified higher friction brake pads.



Nothing has been left untouched, as is evidenced by the new coil over kit developed in conjunction with technology partner KW Automotive GmbH. This system has been specially adjusted to the needs of the **RAZOR GTR-10**. And comes equipped with a Hydraulic Lift System for the front axle, which can increase ground clearance by up to 45 millimetres if needed and therefore enables the driver to enter underground car parks or drive over speed bumps. This system in combination with PPI's Springs, Camber Kit and Tie-rod kit ensure that the **RAZOR GTR-10** stays sure-footed and balanced in any situation, whether on the street or race track.

#### Interior "Performance"

PPI completely redesigns the interior and turns the R8-interior into a "members-only" lounge with a motorsports flair. The serial interior is replaced by highest quality Onyx Nubuck-leather with Metallic-coloured accents and highlights per clients request. Additionally, PPI equips the limited edition **RAZOR GTR-10** with extensive Carbon Fibre throughout the cockpit; hand-brake lever, door sill protectors, driver and radio console surround, door trims, center console inserts, and kneepad trims. The ultra-light folding sport seats are also made of Carbon Fibre and bear the PPI "*Sport Identity*" style, which is present in the headliner, the steering wheel, shift knob, door panels and center console. The technical highlight of the interior is the ergonomically re-designed PPI sport steering wheel with steering wheel-mounted Carbon Fibre Shift Paddles (R-tronic only).

Highlighting the exclusivity of this limited series production is the **RAZOR GTR-10** badging, threshold plates, and an aluminium production plaque framed by Carbon Fibre.

The new **PPI RAZOR GTR-10** Supercar.... BOLD Design, SHARP performance, and EXCLUSIVE production, developed and presented by PPI Automotive Design GmbH, the only tuners for Audi automobiles with a true focus on "**Engineering in Style.**"

Makrolon® registered trademark of BAYER MaterialScience Corporation

Date 10/2011 Subject to changes and errors  
No charge for printing / receipt requested

Contact PPI: Tel. +49 7151 981199, e-mail: [info@ppidesign.com](mailto:info@ppidesign.com)  
Website: [www.PPIDESIGN.com](http://www.PPIDESIGN.com)



**PPI RAZOR GTR-10**  
**PRICE AND OPTION LIST**

**PPI RAZOR GTR-10**  
**PRICE AND OPTION LIST**

**MODEL / ENGINE**

449kW / 602HP / 566Nm

**PPI RAZOR GTR-10 FSI® quattro® 6-speed/R-tronic**

**from 256,000.00 EUR (excl. VAT)**

**until 334,200.00 EUR (excl. VAT)**

**PPI DESIGN Options**

**EXTERIOR**

Exterior parts in GLOSSY CARBON FIBER:

- Carbon Fiber Front Bumper with Integrated Radiator and Brake Cooling Channels
- Carbon Fiber Front Spoiler/Diffuser with Integrated Brake Channels
- Carbon Fiber Front Hood with Integrated radiator vent and NAVA Duct for cooling and fresh air ventilation
- Carbon Fiber Front Fenders with Integrated wheel well vents
- Carbon Fiber Mirror Housings
- Carbon Fiber Mirror Pods
- Carbon Fiber Door Panel
- Carbon Fiber A-Pillar Panel
- Carbon Fiber Sideblades with Integrated Engine Cooling Channels and Air Intake Duct
- Carbon Fiber Sideskirt with Integrated Brake Cooling and Oil Cooling Ducts
- Carbon Fiber Rear Fenders with Integrated Exhaust Cooling Channels
- Carbon Fiber Rear Bumper with Exhaust Vents and Integrated Wheel well vents
- Carbon Fiber Rear Diffuser with Integrated Rear Foglight
- Carbon Fiber Rear Engine Cover with Air Intake / Engine Cooling Channels and Vented Makrolon Glass
- Carbon Fiber Rear Spoiler with Adjustable Gurney Flap

Other Exterior Options:

- Racing Striping to match Metallic Leather Interior Trim (optional)
- Painted Gas Gap
- Aluminum Mirrors
- LED Headlights
- LED Daylight Running Lights (DRL) in front air channel
- Makrolon Side Glass
- Matte LED Tailights
- Smoke-Tinted LED Tailights



## **INTERIOR**

Interior parts in GLOSSY CARBON FIBER:

- Carbon Fiber Ashtray cover,
- Carbon Fiber Door inserts,
- Carbon Fiber Driver surround,
- Carbon Fiber Handbrake,
- Carbon Fiber Middle console inserts,
- Carbon Fiber Radio surround,
- Carbon Fiber Rear production plaque
- Carbon Fiber Aluminum Shift knob with Perforated Leather
- Carbon Fiber Shift paddles (R-Tronic only)
- Carbon Fiber Shift ring,
- Carbon Fiber Sport seats with side airbags,
- Carbon Fiber Steering wheel,
- Carbon Fiber iPhone/PDA Telephone console,
- Carbon Fiber Threshold Plates (main entrance panel) with 'PPI RAZOR GTR-10' logo
- Carbon Fiber Threshold plates (small),

Other Interior Options:

- Aluminum Seat Carriers with 'PPI' Logo
- Aluminum Dashboard Production Plate
- Full leather re-trim of interior with NUBUK Suede and Metallic Leather (optional)
- Velour Floor Matts embroidered with 'PPI' Logo and trimmed in leather
- Seat-mounted fire extinguisher in padded case
- Color-Matched seat belts
- Leather-trimmed Gauges

## **ENGINE COMPARTMENT TRIM**

- Carbon Fibber Engine Trim with LED Lighting
- Carbon Fiber Rear Engine Cover with Air Intake / Engine Cooling Channels and Vented Makrolon Glass

## **MECHANICAL/PERFORMANCE UPGRADES**

- High-Flow Air Intake System with metal Air Filters
- Stainless Steel Sport Exhaust System with Black Ceramic Exhaust Tips and 'PPI' Logo
- ECU Re-mapping of Control Modules
- Hi-flow Catalytic converters
- Inconel Racing Headers



## **SUSPENSION / BRAKE UPGRADES**

Hydraulic lifting front suspension (rear optional), with mechanical height control front and rear, uprated springs front and rear.

Camber and Tie-rod Kit Front and Rear

**PPI BRAKE SYSTEM:**

- Front 6-Piston Caliper finished in Metallic Orange, with 380mm X 36mm Discs, and Carbon based Competition Pads
- Rear 4-Piston Caliper finished in Metallic Orange, with 355mm Discs and Carbon based Competition Pads

**PPI UPGRADED AUDI CERAMIC BRAKE SYSTEM (Optional)**

- Front and Rear Carbon based Competition pads

## **WHEELS and TIRES**

Front:

- 9.0J x 19 MAG11 Forged Aluminum Wheels, 10.0kg
- 245/35 ZR19 Michelin Pilot Sport 2®,

Rear:

- 12.0J x 20 MAG11 Forged Aluminum Wheels, 10.9kg
- 325/25 ZR20 Michelin Pilot Sport 2®

Front: (optional)

- 10.0J x 19 MAG9 Carbon Fibre Wheels with forged aluminium centers, 8.8 kg
- 245/35 ZR19 Michelin Pilot Sport2®

Rear: (optional)

- 12.0J x 20 MAG9 Carbon Fibre Wheels with forged aluminium centers, 10.0 kg
- 325/25 ZR20 Michelin Pilot Sport2®

## **PPI OPTIONAL RACING EQUIPMENT**

Mechanic/Pit Suit

Racing Suit

Carbon Fibre Race Helmet

Racing Shoes

Racing Gloves

Laptime on-board Camera and Telemetry monitoring system

Bolt-In Roll bar with seatbelt guides

Welded-In Roll Cage complying with FIA standards

FIA approved fire-extinguisher system

6-point racing harness

Center-Lock Wheel bolting system

Racing Brake Pads



## PPI R8 GTR TECHNICAL SPEZIFICATIONS

PPI R8 GTR 5.2l V10	PPI (R-tronic)	PPI (manual)
Power (kW)	449	449
Power (PS)	602	602
Torque (Nm)	566 Nm @ 6400 rpm	566 Nm @ 6400 rpm
0-100 (s)	3.2 (R-tronic)	3.2 (manual)
Top speed (km/h)	336	336
Weight (kg)	1380 (R-tronic)	1375 (manual)



### Contact Person:

**Richard Helfer**      **+49 (0)7151 981 19-9**      [r.helfer@ppidesign.com](mailto:r.helfer@ppidesign.com)

**Sven Dienst**      **+49 (0)7151 981 19-9**      [sales@ppidesign.com](mailto:sales@ppidesign.com)