

# PERFORMANCE

# VW

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**FREE  
POSTER**

**STILL  
140  
PAGES**



# 2 TONE

FROM BUILDING SITE  
TO SHOWGROUND,  
DAILY DRIVERS  
DON'T COME  
MUCH BETTER  
THAN THIS  
UNIQUE Mk1





# HP SAUCE



WITH OVER 500BHP EACH THESE THREE SAUCY CONCEPTS FROM CANADIAN GIANT HPA MOTORSPORT ARE READY TO SET THE WORLD ON FIRE. HOLD TIGHT, IT DOESN'T GET MUCH BETTER THAN THIS...

There can't be many people who aren't aware of HPA Motorsport's dabblings with VWs. In fact, since 1991 the Canadian-based firm has developed a world-class reputation for altering Wolfsburg's finest, culminating in its most recent bout of engine fettling directed at the R32 motor. With twin-turbo'd power from the six-shooter lump, HPA's Mk4 demo car can reach 60mph in just 3.2 seconds thanks to an available 550bhp, and went on to win the Sony award for 'Best of SEMA 2004'. But even this pales in comparison to the three stunning concepts unveiled on the Volkswagen stand at the 2005 SEMA motor show. Created in partnership with VW of America, HPA has worked its magic with the Touareg, New Passat and Jetta crafting three jaw-dropping R GT cars that show what's possible in the era of new-wave Dubbing.

This collaborative effort follows company founder and petrolhead Marcel Horn's mantra to create cars that look, feel and drive like they could have just rolled through the factory gates, despite being outrageously modified. With a 10,000sq ft premises complete with four full-sized hoists, an immaculate room for engine construction and a dedicated welding zone combined with a warehouse stacked full of shiny new parts the guys have everything at their disposal to build some stunning machinery. It's testament to the HPA ethos that the crew use as many OEM parts as possible, adhering to the factory-fresh concept. Effectively its vehicles are produced to military precision; if a part requires fabrication the crew will work with VW's original

suppliers and employ their own CAD designers to provide maximum quality. These cars are built to be driven hard, the way we like them.

Now, serious doesn't even come close to describing the trio of Dubs you see here. With 1625bhp between them, it's no wonder they caused such a stir in the Nevada desert at SEMA back in November.

With 500bhp propelling a set of monster 10x22" rims, the Touareg takes off-roading to the next level. HPA has managed to squeeze the magic '500' from the 3.2-litre V6 engine, equipping the giant 4x4 with dual Garrett GT25R blowers and, among a mass of other changes, a full KW coilover suspension setup. It makes the otherwise hit-and-miss Touareg okay in our book to say the least.

Oddly the Passat is one of the new-generation VWs that has grown on us hugely. This particular car is the most powerful of the three concepts with an eye-watering 575bhp at its disposal, like the Touareg the white saloon harbours twin GT25 ball-bearing turbos, dual intercoolers and a host of other tasty parts bolted up to its six-cylinder lump. 4Motion and DSG systems play their part in getting the power translated to the road through a whopping 9.5x19" footprint and Brembo has taken care of the stopping duties. Inside things are similar to the plush Touareg: Sony PSPs reside in the front seatbacks while an integrated iPod rests out back, meaning the Passat isn't a bad place to be.

But, if you're anything like us you will have instantly clocked the stunning Jetta R GT on page 34. Okay, with 550bhp it's the middleweight contender power-wise, but HPA

wasn't messing around with this one. Designed for show and track use the Jetta shares the same 3.2 V6 twin turbo setup as the Passat and Touareg and has been fitted with the 4Motion four-wheel drive system, but with the racetrack in mind the boys have bolted in FIA-spec KW suspension, WRC-spec Brembo brakes, a six-point roll-cage and even AP Racing air jacks. Custom Avus alloys mean the Jetta rolls on 9.5x18" rims for circuit-based frolics, 9.5x19" for showing off.

On the outside a few tweaks have made the world of difference – both front and rear bumpers have received lip kits and as we'd been dubious up to now of the Jetta's appearance, it was a pleasant wake-up call to clap eyes on HPA's creation. It's not often we get completely blown away by a tuner's demo car, but with three of them on the table HPA has managed to show what's possible with the next generation of Dubs and to hint at things to come. Even better is that the company can offer all of this to its customers and isn't afraid to push the boundaries. With rumblings of Mk5 platform all-wheel drive systems and turbo conversions in the pipeline look out for more soon. The future's looking very bright ●



HPA'S PASSAT HAS AN EYE-WATERING 575BHP, TWIN GT25 BALL-BEARING TURBOS, DUAL INTERCOOLERS AND A HOST OF OTHER TASTY PARTS



## PASSAT R GT



### DUB DETAILS

**ENGINE:** 575bhp 3.2-litre twin turbo MPI V6, dual Garrett GT25 ball-bearing turbos, dual HGP exhaust manifolds, dual ceramic downpipes, dual air-to-air intercoolers, uprated fuel system, 4Motion 4WD system, DSG transmission

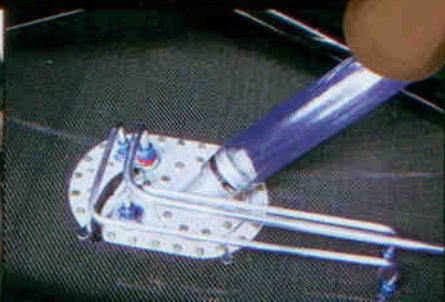
**CHASSIS:** KW Variant 3 coilovers, Brembo 365 discs, short-shifter, 9.5x19" custom Avus alloys, 245/30 R19 Michelin tyres

**OUTSIDE:** Candy white paint, new front and rear bumper fascias, rear spoiler

**INSIDE:** Full black leather, white piano lacquer, twin iPods in arm rests, twin Sony PSPs in seatbacks







# JETTA RGT



## DUB DETAILS

**ENGINE:** 550bhp, 3.2-litre twin turbo MPI V6, PQ 35 Hallex 4Motion 4WD system, dual GT25R ball-bearing turbos, dual HGP exhaust manifolds, cast aluminum intake manifold, dual air-to-air manifolds, dual ceramic downpipes, uprated fuel system, DSG transmission with lengthened gears and sport shifting calibrations

**CHASSIS:** KW FIA race suspension, 6-point roll-cage, AP Racing air jacks, WRC-spec Brembo brakes, 380x32mm WRC tarmac-spec calipers (front), 330x32mm four-piston calipers (rear), 9.5x19" (street) custom Avus alloys (centre lock DTM-style), 8.5x18" (race-track) custom monoblock DTM-spec Avus wheels, 265/30 R19 and 265/30 R18 Michelin tyres

**OUTSIDE:** Smoke grey paint with silver ghost graphics, new front and rear bumper fascias, custom rear spoiler, 25mm bumper flare

**INSIDE:** Black leather and alcantara mix, matt carbon fibre, front and rear R32 bucket seats, Schroth harnesses, Stack F1-style digital dash display







HPA'S MANTRA IS  
TO CREATE CARS  
THAT LOOK, FEEL  
AND DRIVE  
LIKE THEY  
COULD HAVE  
JUST ROLLED  
THROUGH THE  
FACTORY GATES

## TOUAREG R GT



### DUB DETAILS

**ENGINE:** 500bhp 3.2-litre twin turbo MPI V6, Garrett GT25R ball bearing turbos, dual HGP exhaust manifolds, air-to-water intercooler, dual ceramic down pipes, up-rated fuel system, 4MOTION 4WD system, 6-speed automatic transmission

**CHASSIS:** KW Variant 3 coilovers, Brembo 380mm (front) and 330mm (rear) discs, 8-piston calipers, 10x22" custom Avus alloys, 295/30 R22 Michelin tyres

**OUTSIDE:** VW Individual Touareg body kit

**INSIDE:** VW Individual W12 interior, W12 sports bucket seats (front), black leather/grey suede seats (rear), Bugatti spun aluminum trim inserts, dual iPods in cupholders, dual Sony PSPs in seatbacks, Schroth harnesses

