

SDR WR3 V-Storm



SDR have delivered a trackday car that has been screaming out to be built, an exoskeleton powered by an STi spec Subaru boxer. The union is obvious with the adaptability of the drive layout being ideally suited to a mid engine rear drive layout. With the drive out of the rear of the transmission disabled the Subaru offers a unique power plant for rear drive track specials. That is not to say the idea of a front mounted Subaru engine in a 4wd Westfield has not crossed my mind.

The WR3 V-Storm offers a number of features that set it apart from car in the burgeoning trackday market. The McLaren F1 esque 3 seat arrangement has obvious appeal to many, including me for a day out with my two kids while my wife is off doing her stuff. SDR are also marketing the WR3s

ability to be upgraded and customised with new body panels and complete rear sub-assemblies with different power plants. A very good ploy if the also offer a package without the rear assemblies to create a market for those upgrading to be able to offload their previous engine assembly to.

The 4 cylinder Boxer engine offers the other obvious benefit of a low centre of gravity. Delivering 300bhp to the 700kg package 0-60mph times should be stunning. Built to ISO 9002 standards SDR should have a niche sales hit on their hands. While compared to an Atom it looks like it has been hit with the ugly stick, it would be a whole lot of fun.

Rod Halligan

SDR WR3 V-Storm

- Subaru 4 cyl Boxer
- Turbocharged
- 1.994 liter 121.7 cu in
- 700 kg 1543.2 lbs
- 285 bhp 213 KW
- 143 bhp/liter
- 0.41 bhp/kg



2004

SDR

WR3 V-Storm

British

Track Day

2010

SDR

WR3 V-Storm



SDR WR3 V-Storm

Configuration	Subaru B 4	
Location	Rear, longitudinally mounted	
Displacement	1.994 liter	121.7 cu in
Bore	92.0 mm	3.6 in
Stroke	75.0 mm	3 in
Valvetrain	4 valves cylinder, DOHC	
Fuel feed	Fuel Injection	
Aspiration	Single Turbo	
Power	285 bhp	213 KW
BHP/Liter	143 bhp / liter	
Power to weight	0.41 bhp / kg	

BODY - CHASSIS

fibreglass body	
reinforced steel spaceframe	
Weight	700 kilo 1543.2 lbs

DRIVE

Rear Wheel Drive	Rear Mounted
Transmission	6-Speed Transaxle

SUSPENSION

double wishbones, push-rod actuated adjustable coil springs over dampers



British

Trackday