

 **Subaru Impreza** Boxer Diesel

Our Partners:

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An award winning Boxer Diesel engine combined with one of the best existing four wheel drive systems, packed into a conquering chassis equipped with the highest level components available.

This is the new Stohl Racing Impreza Boxer Diesel rally car.

Diesel technology has become more and more interesting for motorsport applications while its competitiveness has increased. Since victories of diesel powered cars already found their way into Le Mans, Rally Raid, WTCC and other racing series, the rally scene is lacking of really competitive diesel cars.

Existing 2WD diesel rally cars, are mainly settled in the entry level sector and especially on loose grounds lacking of performance.

With the new Impreza Boxer Diesel it is finally possible to use diesel fuel without compromises.

Imagine a Subaru Impreza STI, with all of its known characteristics as the low centre of gravity provided by the boxer technology, the superbly performing symmetrical all wheel drive system, the rally proven bodywork but missing one major thing: the spark plugs! We invite you to enter to a new era of motorsport.

Subaru Impreza Boxer Diesel

Chassis: Narrow body 09 MY Impreza.

Suspension: Full reinforced STI Spec suspension setup incl. Uniball and maximum hardness STI bushings, as used on the victorious Impreza STI MY08/09 Gr.N rally cars

Engine: Flat 4 cylinder self ignition combustion engine (Diesel)
1.998 ccm, 200 hp, 420 Nm with upgraded std. ECU (Motec M-series ECU optional)
Additional Intercooler Water spray system, increases intercooler efficiency

Steering: Electrically power assisted rack with STI components

Transmission: dog engaged gearbox, optional, SR Special long final ratio, Fr. and Rr. LSD, STI sintered six paddle clutch

Brakes: STI AP-Racing Gr.N VO brake Kit (15" and 18" spec optional), STI brake balance control valve, STI vertical fly off hydraulic hand brake assembly

Exhaust: Hi flow HJS motorsport system with special particle filtration for minimal backpressure

Roll Cage: Stohl Racing Spec Subaru 09 MY Gr.N cage

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SR Special long final ratio



Brakes STI AP-Racing

