

Technical Specification

Subaru Impreza WRC



Engine:	Flat 4-cylinder, 16 valve, turbocharged
Capacity:	1994cc
Bore:	92.0mm
Stroke:	75.0mm
Engine Management:	Subaru programmable electronic engine management system
Power:	300bhp @ 5500rpm
Torque:	60kg-m @ 4000rpm
Transmission:	Prodrive 6-speed electro-hydraulic Torque split front/rear: 50/50. Electro-hydraulically controlled differentials
Drive System:	4-wheel drive
Suspension:	<i>Front:</i> MacPherson strut <i>Rear:</i> MacPherson strut with longitudinal and transverse link
Brakes:	Alcon / Prodrive 305mm ventilated discs and 4-pot calipers front and Rear. For asphalt use, front brakes are 366mm ventilated discs with 6-pot water-cooled calipers
Exhaust system:	Ceramic coated, lagged with fire-proof material and aluminium covered. Fitted with two, three-way catalytic converters
Steering:	Power assisted rack and pinion
Dimensions:	<i>Overall length:</i> 4405mm <i>Overall width:</i> 1770mm <i>Overall height:</i> 1390mm <i>Wheelbase:</i> 2535mm <i>Car weight:</i> 1230kgs (WRC regulation min.)
Data systems:	3 microprocessor controllers; one each for engine, transmission and data-logging, joined by CAN-bus link.
Driver display:	LCD colour monitor with eight selectable data screens
Tyres:	Pirelli
Shock Absorbers:	Bilstein / Prodrive, fully adjustable with remote reservoirs.
Radio Equipment:	Kenwood
Turbo Charger:	IHI - with WRC regulation 34mm restrictor
Spark Plugs:	NGK
Wheels:	OZ cast magnesium
Fuel Tank capacity:	80 litres