

T1 NISSAN NAVARA

RALLY RAID RACE CAR BUILT TO THE LATEST FIA AND DAKAR SPECIFICATIONS

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Motoring Adventure





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| | |
|-------------------|--|
| Engine | : Nissan Nismo VK56VD 5.6L V8 |
| Power Output | : 265kw @ 4750 rpm : 575nm @ 4000 rpm |
| Engine Position | : Rear front |
| Gearbox | : Sadev 6 Speed Sequential |
| Suspension | : Double wishbone front and rear live axle |
| Shock Absorbers | : Reiger 280mm front and 330 rear suspension travel |
| Engine Management | : Motec M150 |
| Weight | : 1925kg |
| Fuel Capacity | : 480 Liters |
| Tyres | : BFGoodrich |
| Wheels | : 16 x 7 Evo Corse |

SPECIFICATIONS

Performance measurements taken on the wheels

nismo

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ENGINE

NISSAN VK56VD

The VK56VD is a 5.6L (5,552cc) V8 engine

The valvetrain is a dual overhead cam (DOHC) design with a continuously variable valve timing control system (CVTCS).

The engine also features Nissan's VVEL valve timing technology

*Bore 98mm
Stroke 92mm
Compression ratio 11.5:1*



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ENGINE MANAGEMENT

MOTEC M150

This ECU can be configured to run anything from a simple engine to a dual Drive-by-Wire, quad cam boosted engine with sequential gearbox and more. Configurable Ref/Sync modes accommodate many modern engine triggering systems.

This ECU can also handle many modified road vehicle systems, such as air conditioning control, and have four additional definable control outputs.

ECU Input and Output pin allocations can be user-defined to suit individual requirements and self updating wiring schematics are provided.

Motec's GPA-M150 offers a huge scope of features, including:

- *Pit Speed Limiting*
- *Switchable Fuel*
- *Ignition and Boost Trimming*
- *Knock Control*
- *Intercooler Sprays*
- *DBW*
- *CAM Control*

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Used by the major teams in the Rally Raid, the SC90 is recognized for its reliability, performance and adaptability to any type of chassis.

With over 300 units produced, the SC90 gearbox runs across all terrains, offering SADEV a significant experience in Rally Raid.

- 6 speed dog ring gearbox with sequential gearing
- Max engine torque: 750 Nm (543 lbs/ft)
- Various transfer ratios available
- Wide range of gear ratios available
- Central LSD with a large choice of ramp angles and preload adjustment
- Different positions available for external shifting system
 - left/right/centered
- Specific aluminium casings
- Specific clutch shaft
- Lubrication system with twin level oil pump
- Reverse cable
- Potentiometer for gear display
- Gear speed phonic sensor
- Temperature sensor
- Weight: 67kg

SADEV® 6 SPEED SEQUENTIAL GEARBOX

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SHOCKS REIGER

Reiger dampers work perfectly from start to finish, also in the hardest rallies of them all.

Reiger provides the best shock absorbers for all classes in auto and motorsport. Both in terms of quality, reliability and lifespan. Continuous development is one of the greatest strengths of Reiger Suspension. We want to win, want to be the best. Because of that, we always stay ahead of the competition.

Every damper is developed, produced and assembled in their own factory in Hengelo. This makes it possible to be very flexible and produce prototypes sometimes within a day. It is no coincidence that major factory teams choose our dampers. With over 50 employees, they work hard every day to get you the best dampers.

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ENERGY

REIGER
Racing

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Racing

BASE CHAMPION

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NISSAN

King Price

PORTABLE SHADE
RED-LINED Motorsport
OMP

PORTABLE SHADE
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TOTAL

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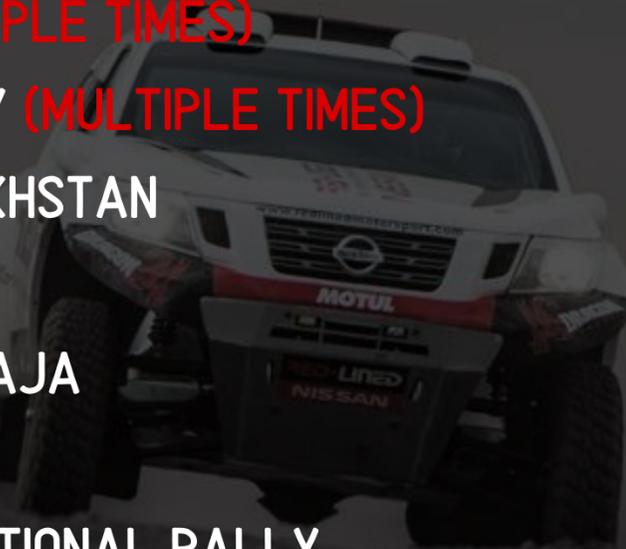
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INTERNATIONAL EVENTS COMPLETED

- DAKAR RALLY (MULTIPLE TIMES)
- SILKWAY RALLY
- AFRICA ECO RACE
- TAKLIMAKAN RALLY CHINA (TOP 3)
- ABU DHABI (TOP 10)
- ITALIAN BAJA (TOP 10)
- BAJA SPAIN (TOP 10)
- BAJA PORTALEGRA (TOP 5)
- RALLYE OLILIBYA DU MAROC (TOP 10)
- BOTSWANA DESERT 1000 (TOP 3)
- CHINA RALLY (MULTIPLE TIMES)
- SACCS (MULTIPLE TIMES)
- QATAR RALLY (MULTIPLE TIMES)
- RALLY KAZAKHSTAN
- DUBAI BAJA
- HUNGARIAN BAJA
- TARA RALLY
- HAIL INTERNATIONAL RALLY
- JORDAN RALLY

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BF Goodrich
Tires

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**WHAT DAD'S
DREAMS
ARE MADE OF**



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