

romeo ferraris

style and power on demand



M I L A N O



GIULIETTA

TCR
International Series



EXTERIOR & AERO

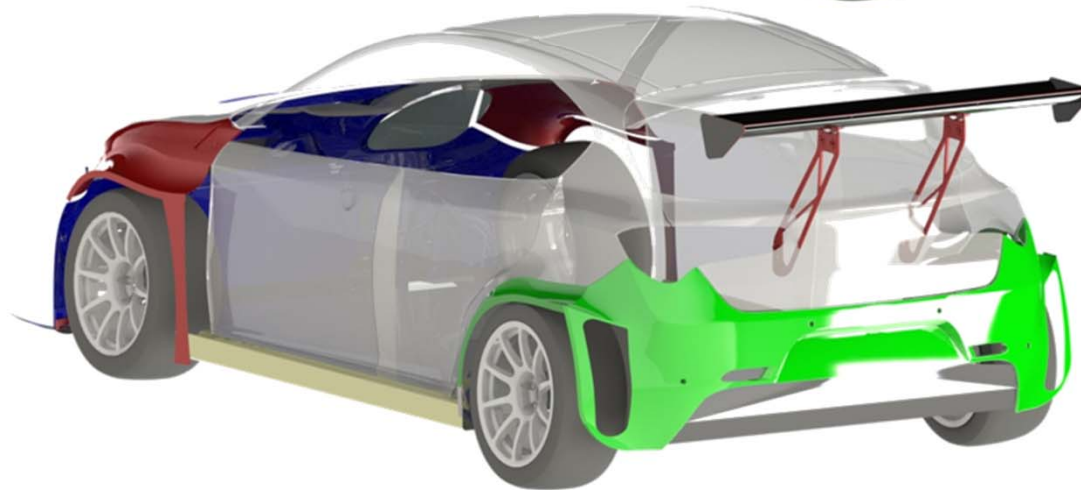
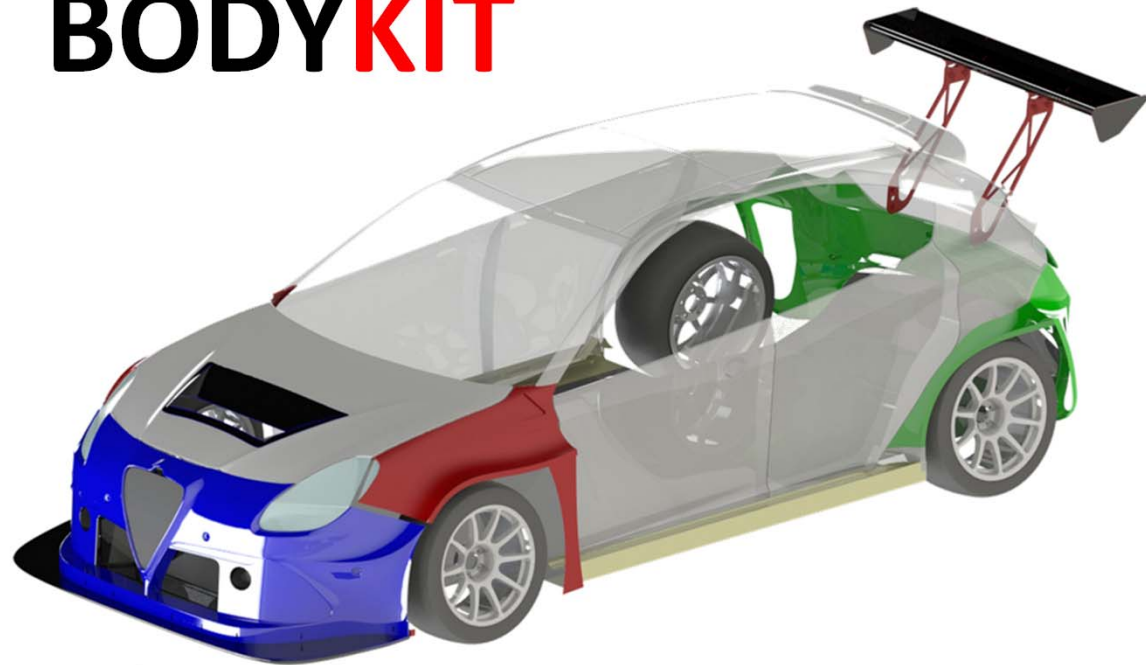






- RF Fiberglass lightweight bodykit
- RF Improved cooling flow and intake
- RF adjustable rear wing



BODYKIT

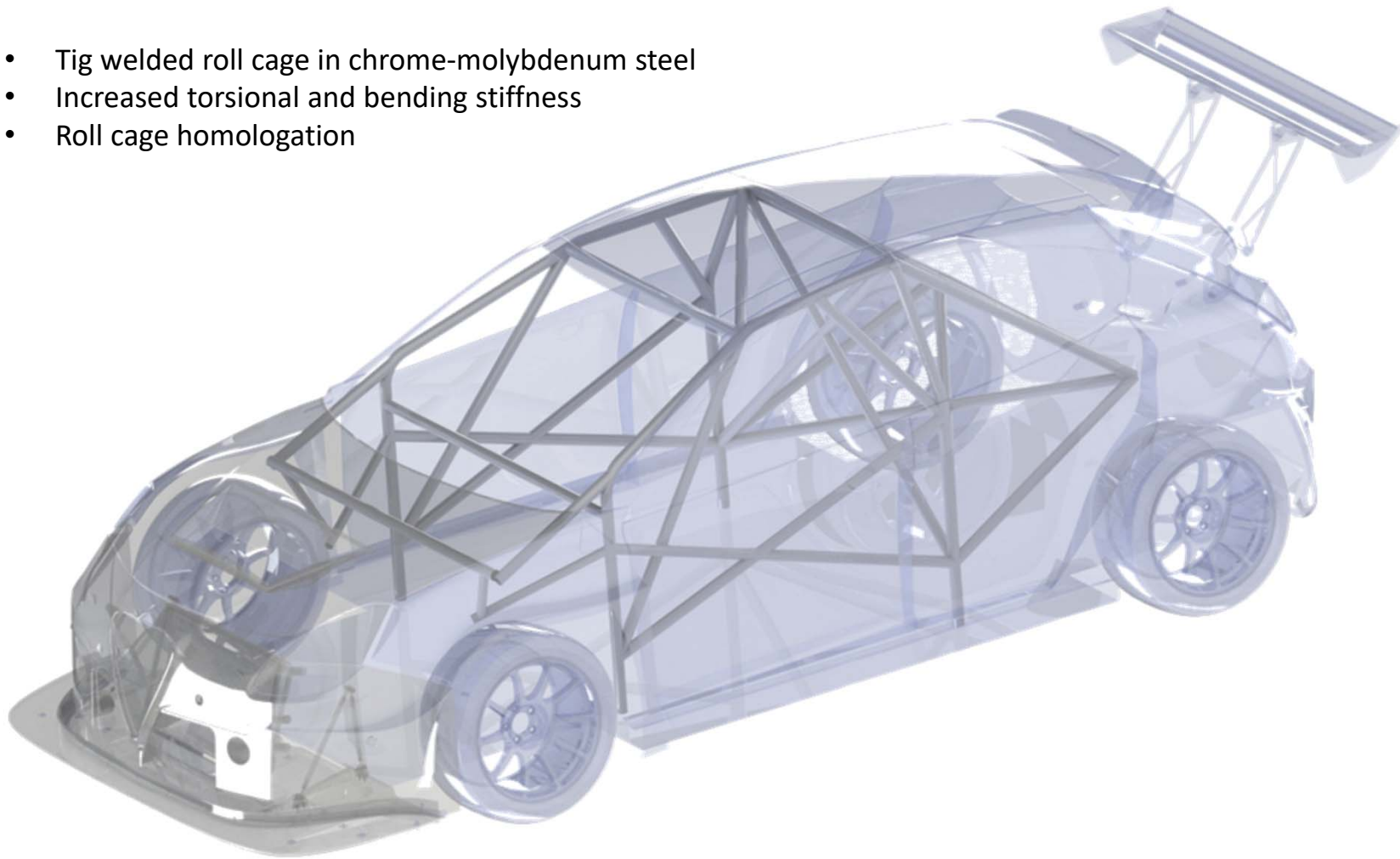
-  Fiberglass front fender
-  Bonnet with carbon fiber vent
-  Fiberglass front bumper
-  Carbon fiber front splitter



-  Fiberglass side skirts
-  Fiberglass rear bumper
-  Rear wing
-  Fiberglass rear fender

BODYSHELL

- Tig welded roll cage in chrome-molybdenum steel
- Increased torsional and bending stiffness
- Roll cage homologation



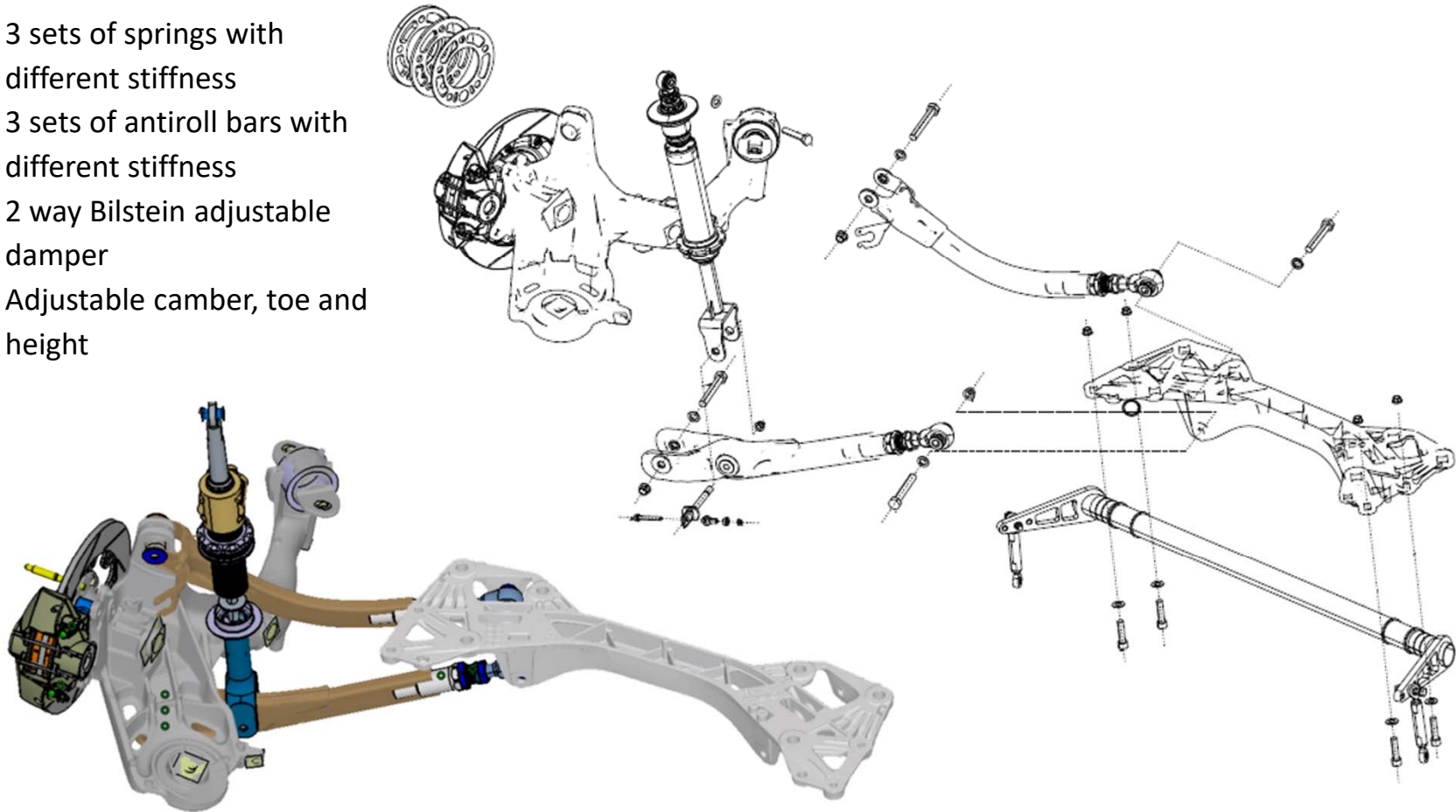
FRONT SUSPENSION

- 3 sets of springs with different stiffness
- 3 sets of antiroll bars with different stiffness
- 2 way Bilstein adjustable dampers
- Adjustable camber, toe and height

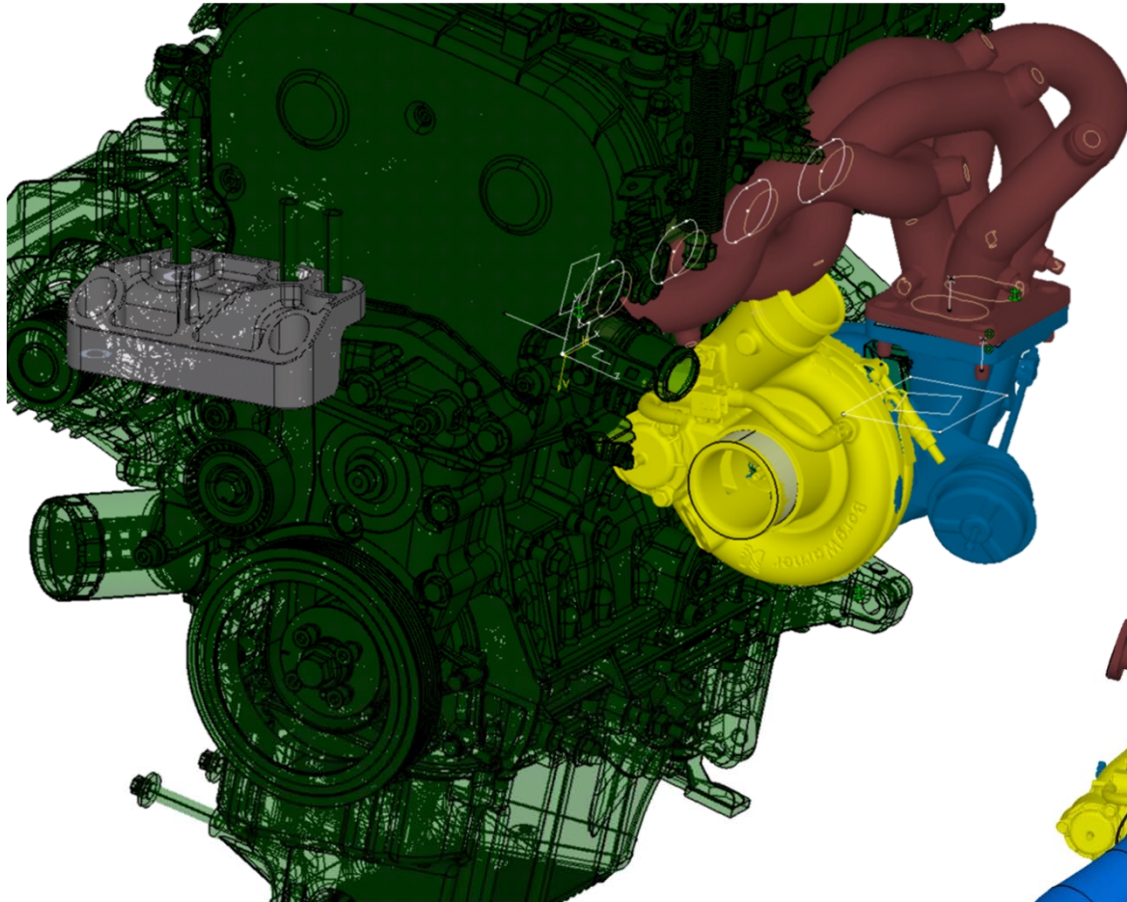


REAR SUSPENSION

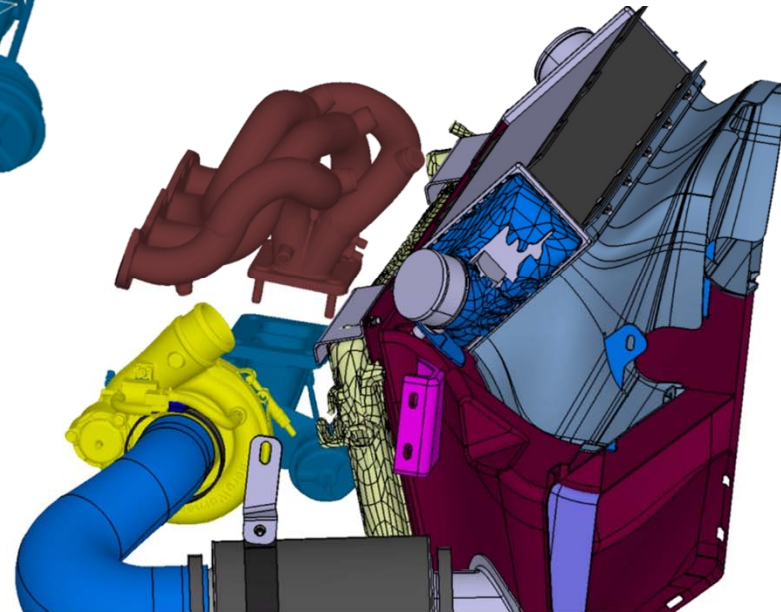
- 3 sets of springs with different stiffness
- 3 sets of antiroll bars with different stiffness
- 2 way Bilstein adjustable damper
- Adjustable camber, toe and height



ENGINE

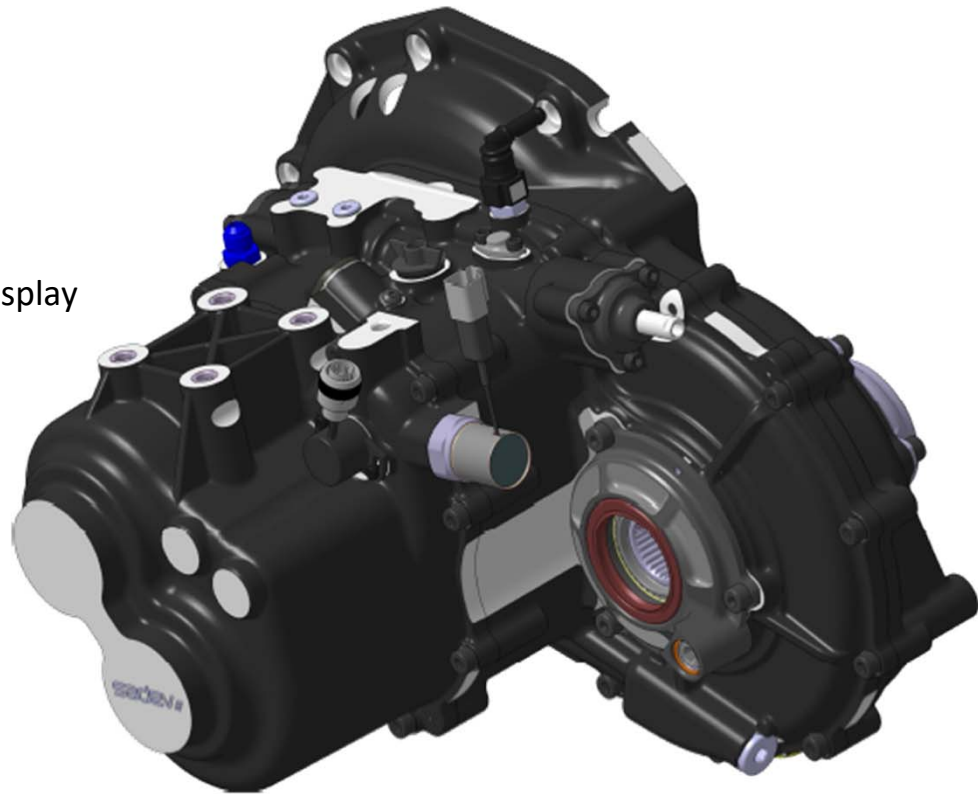


- Power >350 Hp
- Torque 420 Nm
- Stainless steel racing exhaust
- High performance intercooler
- Specific engine mounts
- High performance cooling system



GEARBOX

- Six-speed dog ring gearbox with sequential gearing
- LSD with 3 choice of ramp angles
- Adjustable preload
- Specific aluminium casings
- Specific clutch shaft
- Oil pump integrated
- Reverse gear locking solenoid
- Contactless potentiometer for gear display
- Shifting time improved
- Paddle shift system
- Contactless cut-off sensor
- Weight : 38 kg



ELECTRONIC MANAGEMENT

Life Racing F88GD4 engine ecu

- **Outputs**

- 24 user configurable general purpose Pulse Width Modulated power outputs, including:
 - 4 ignition coil outputs IGBT or TTL (Software configurable)
 - 12 general PWM outputs
 - 4 GDI injector drive outputs
 - 2 full bridges also configurable as 4 half bridges or 4 PWMs



- **Inputs**

- 24 user configurable general purpose analogue sensor inputs, including 16 bipolar, inductive or hall effect speed / engine position inputs
- 5 dedicated inputs, including:
 - 2 acoustic knock sensor inputs
 - 1 wideband (NTK UEGO) lambda sensor interfaces
 - 2 K-type thermocouple sensor interfaces

- **Protection**

Password protected access

ELECTRONIC MANAGEMENT

Life Racing D5 dash

- **Interfaces**

- 2 Gigabit full duplex Ethernet for configuration and data download
- 2 CAN 2.0B interfaces for communication with other controllers or logging systems
- RS232 serial interface for communication with other controllers or logging systems
- USB 2.0 for bulk data storage on USB stick

- **Memory**

- Unlimited USB logging memory
- Ultra fast data download via Ethernet
- Time/Date stamped data via real time clock



INTERIOR EQUIPMENT

- Front and rear lightweight door panels
- Lightweight fiberglass dashboard
- Tunnel mounted switch panel console
- OMP 6-points, 3" seat belts, for HANS use
- OMP Circuit Pro seat with head protection
- Steering wheel with quick release hub



- Fire extinguisher system
- Competition battery
- Steering wheel with multi function buttons
- Air jack system
- Lightweight adjustable Tilton Pedal box
- AP Racing brake pumps and brake system

TECHNICAL DATA

Engine

Type	Turbocharged; 4-cylinder in line
Fuel supply system	Direct fuel injection
Displacement (cc)	1742 cc
Maximum power (PS/rpm)	>350PS/6800rpm
Maximum torque (Nm/ rpm)	420Nm/3500rpm
Electronic control unit	Life Racing F88GDI4
Exhaust / dB	Racing catalyzed, noise level as per regulation
Fuel tank capacity	FIA 100 l
Speed limiter system	active 60/80 km/h
Launch control system	active, adjustable

Transmission

Transmission	Front-wheel-drive
Gearbox	6 speed dog ring gearbox
Differential	Limited slip differential, external preload setting
Clutch	Multi disc
Shift control	Electronic on steering wheel

TECHNICAL DATA

Chassis and Suspension

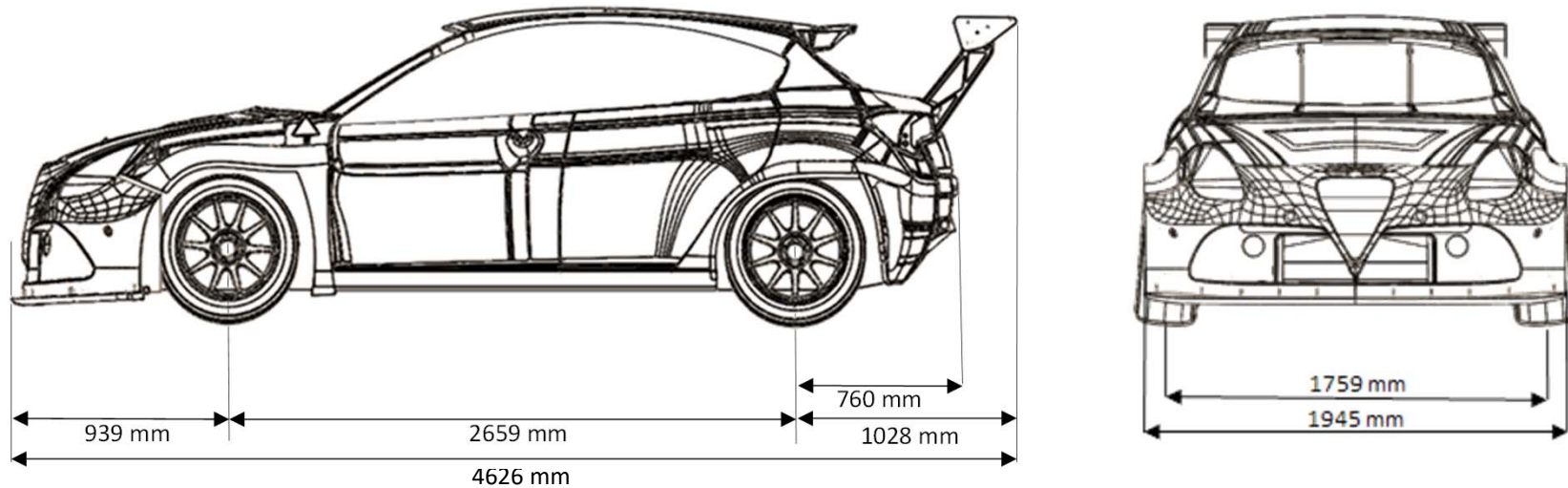
Front suspension	McPherson, adjustable in height, toe and camber
Anti-roll bar	Front and rear adjustable
Rear suspension	Multi-link axel, adjustable in height, toe and camber
Front brakes	378 mm steel ventilated discs, 6-piston calipers
Rear brakes	290 mm steel discs
Brake pedal	Unitary with brake balance regulation
Steering system	Full electrical power steering rack
Rims	Romeo Ferraris TCR 10"X 18"
ABS	Removed

Body and aerodynamics

Roll bar Driver position	FIA Homologated and Hans adapted
Weight	1.150 kg
Front Width (max)	1.950 mm
Rear Width (max)	1.950 mm
Overall Length	4.626 mm
Wheel base	2.659 mm

TECHNICAL DATA

Dimensions



Car check-control

Acquisition system _____ Life Racing
Car check-control _____ Auto-diagnosis
Airjack _____ Complete car kit

PRICELIST

Alfa Romeo Giulietta TC-R Series Worldwide complete car, ready to race.

Net Price on Car.....	130.000,00 Euro
Low initial spare parts package to follow cars.....	19.900,00 Euro
TCR Homologation form.....	1.000,00 Euro

Included in Price: car assembly, standard colors outside and grey inside.

Payment terms: 25% on order, 40 % 30days before delivery, balance 1 Week before delivery

All payment by irrevocable bank transfer upon presentation of invoice.

- Delivery: ex Romeo Ferraris S.r.l. headquarter, Via Lambro 33, 20090 Opera MI (IT)
- Packing/transport excluded
- Delivery time: To be confirmed

OPTIONALS

- Ballast Box
- Ballast
- Lightweight battery
- Engine map selector switch
- Datalogging pack 1
- Datalogging pack 2
- USB pendrive for data logging
- Anderson cable
- Onboard camera
- Radio kit
- Driver cooling system
- Windscreen washer
- Windscreen heater
- Carbon fiber seat
- Aluminum fire extinguisher
- Special body painting
- Additional sensors



OPTIONALS

- Steering wheel angle
- Damper potentiometers
- YAW sensor with GPS
- Fuel tank level
- Calibration switch
- 2 optional front antiroll bars
- 2 optional rear antiroll bars
- 2 optional front springs
- 2 optional rear springs
- Additional rims
"Romeo Ferraris TCR"



SERVICES

- **Race engineer**

Romeo Ferraris offers its customers a technical consulting service in the field, engineers who contributed directly to the design and development of the Giulietta QV TCR.

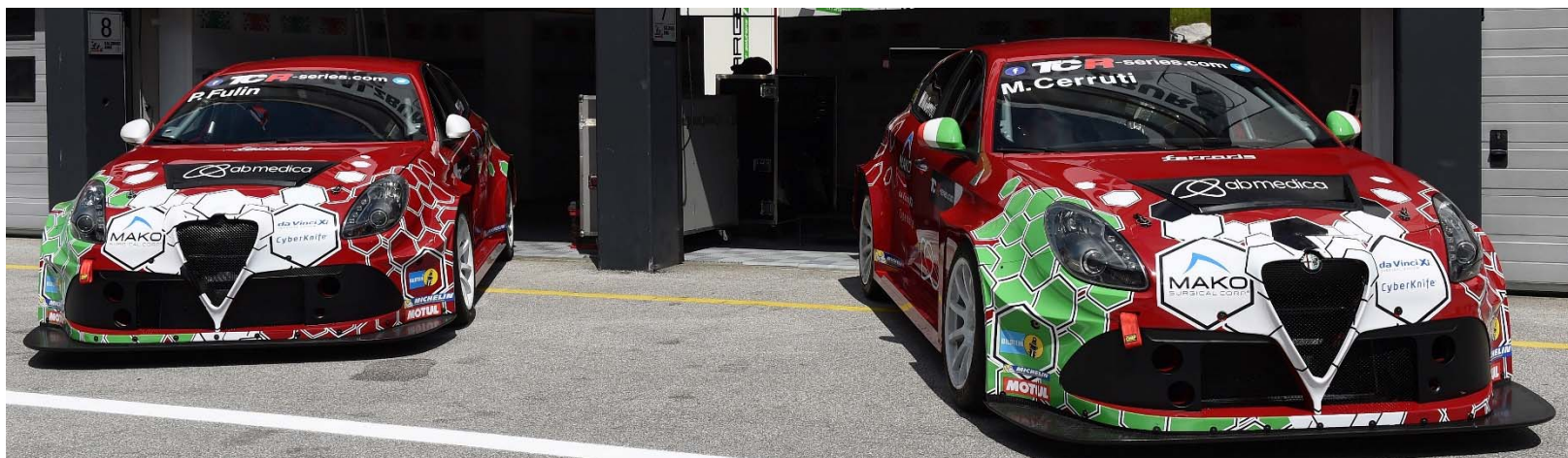
- **Race technician**

Romeo Ferraris offers its customers a technical consulting service in the field, technicians are those who contributed directly to the building and development of the Giulietta QV TCR.

- **Driving coach**

Romeo Ferraris offers its customers its test drivers to assist you in the vehicle tuning so that you get the most from your Giulietta QV TCR

Every single service must be booked in advance in order to fully satisfy your needs, price on application



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