

24 Hours of Le Mans 2014

PRESS KIT



famous twice-around the clock race in the world.

« Has ORECA's presence at this 2014 edition of the 24 Hours of Le Mans ever been this major? After celebrating its 40th anniversary, the Group continues to move forward with its four branches of activity, all well represented in La Sarthe. During an entire week - a little more actually each one of our collaborators will live and work at the rhythm of the most

EDITORIAL

« There is not shortage of challenges, notably for our Technology branch. With no fewer than eight chassis and the debut of the ORECA 03R, we are ambitious in the LM P2 class. We are attempting to provide the best tool to our customer teams, and it's with them that we hope to claim our first success at Le Mans as a constructor. Our engine department is also heavily involved, powering seven of the eight entries. Finally, on REBELLION Racing's behalf, we designed and built the new REBELLION R-One, which will race against Audi, Porsche and Toyota in LM P1.

« There is also Toyota, to which we bring operational support to the manufactuer's two TS040 HYBRID entries looking to improve on the podium finish from last year. Furthermore, we work closely with Toyota for events and merchandising.

« ORECA, as « Le Mans addict » as ever, will take on these 24 Hours of Le Mans as it does motor sports everyday, in 360°. This is only logical for « The Motorsport Company » when you understand what passion the 24 Hours of Le Mans provokes.

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Find all the news about the group and download the online version of the press pack at www.oreca.fr

By David Floury, ORECA Technology Director

ORECA 03R

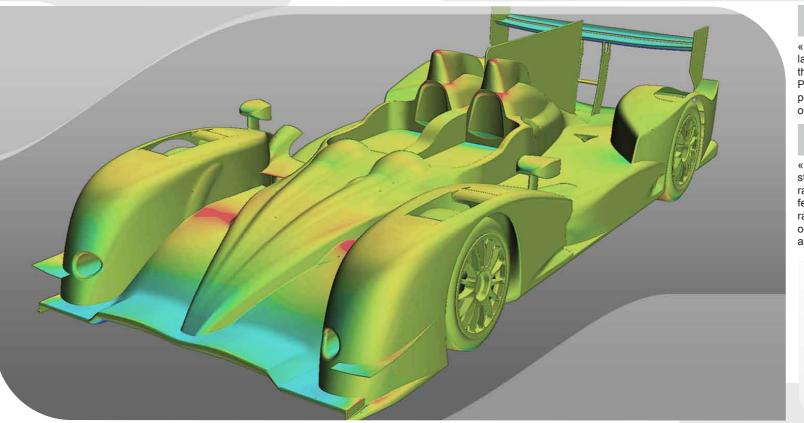
« The ORECA 03 has proven itself and the mechanical base is reliable. With the ORECA 03R, we logically and essentially brought forth aerodynamic evolution, according to the LM P2 regulations, which remains cost conscious for teams. The clear goal is to take the next step in terms of performance according to the specific characteristics of the 24 Hours of Le Mans circuit, while remaining true to the spirit of the category. »

The Look

« The ORECA 03R benefits from a new homologation, which includes a Le Mans kit. This means a modification to the front bodywork, with new front wheel covers. The rear has also evolved with new rear bodywork. These new features take into account the new rules introduced after the base concept of the car and its original homologation, such as the openings above the wheels. Overall, our goal was to improve the aerodynamics of the car. There are also finer details, not all directly visible. The front area will not be raced after Le Mans, but the rear bodywork will be used. »

The Objective

« With 18 wins in three seasons, the ORECA 03 has won at almost every circuit. However, it never won at the 24 Hours of Le Mans even though it clearly had the potential. The pole positions prove this, as does its reliability. The ORECA 03R, which takes into account the return of customer teams, has this objective to win. The teams hold the cards.»



The Support

« Our customer team support department was optimised to offer better collaboration with these teams. For three seasons now, we win races through them and we are proud to work with these ORECA representatives in LM P2. Our role is to bring the best equipment and the most complete support possible, both with our collaborators who all have field experience, and with our engine technicians. »

The Competition

« We know that our adversaries are very high quality. That's one of the strengths of the LM P2 class, with different constructors and, generally, good racing battles. This year is a little different with new closed prototypes with a few unknowns, in terms of performance and reliability. In any case, a perfect race will be needed to win such is the competition this year. We have focused on an evolution of a known base, while some of our competition is racing with an all-new car. It will be an interesting game.»



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Chassis

Carbon and honeycomb construction

Length: 4600 mm Width: 1990 mm Height: 1025 mm

Front overhang: 1670 mm Rear overhang: 1650 mm Wheelbase: 2870 mm Weight: 900 kg

Engine

Power: approx. 460 HP Torque: approx. 40 Kg.m Max RPM: engine dependent

Lubrification: Dry casing / staged oil pump Electronic management system: engine specific

Suspension : Double wishbone

Teams choice of tyres Front: 30-65/R18 , Rear : 31-71/R18

Front wheels: 12,5"x18" Rear wheels: 13"x18"

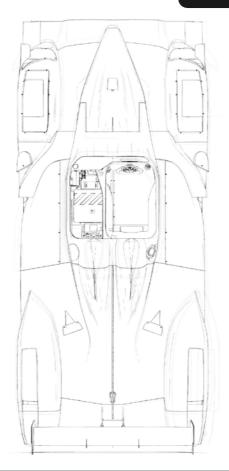
Gearbox

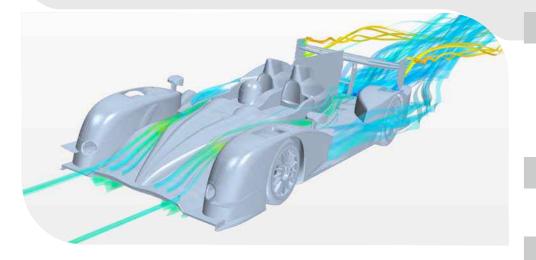
Brand : Xtrac

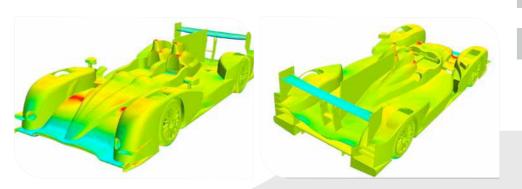
Type: Transversal magnesium casing

Gear change : Steering wheel paddle shift / Pneumatic input Megaline OEM2

Number of gears : 6 + reverse







Brakes

Ventilated carbon discs

Brand : Brembo

Front discs: Brembo 380 mm x37 diameter Front calipers: Brembo monobloc 6 pistons

Front pads : Brembo

Rear discs : Brembo 355 mm x37 diameter Rear calipers : Brembo monobloc 6 pistons

Rear pads : Brembo

Safety

Six-point safety harness adapted to HANS device Secured 75 litre fuel bladder with integrated reserve system

Bodywork

Carbone/kevlar

Accepted to race in

24 Hours of Le Mans FIA World Endurance Championship European Le Mans Series United SportsCar Championship Asian Le Mans Series





Millennium Racing



Fabien Giroix Oliver Turvey

Sébastien Loeb Racing



René Rast
Jan Charouz
Vincent Carill

SMP Racing



Anton Ladygin Anton Ladygin
Sergey Zlobin
Mika Salo

Race Performance



Michel Frey Franck Mailleux John Lancaster

Signatech-Alpine



#36 Paul-Loup Chatin Nelson Panciatici Oliver Webb

SMP Racing



#37 Nicolas Minassian Maurizio Mediani Kirill Ladvoin Kirill Ladvoin

Matthew Howson Richard Bradley

Murphy Prototypes



Nathanaël Berthon Rodolfo Gonzalez



Entered in the FIA World Endurance Championship, European Le Mans Series and Asian Le Mans Series through its customer teams, as well as the United SportsCar Championship in the Prototype Challenge class, ORECA will again be the most represented prototype. Eight chassis will take part in the 24 Hours of Le Mans in LM P2, seven ORECA 03R and one Alpine A450, which is designed and built by ORECA.

Victorious on 18 occasions since making its competition debut in March 2011, the ORECA 03 has never won at the 24 Hours of Le Mans. Against tough competition, the ORECA 03R will be looking to succeed in the 82nd edition of the race. The ORECA delegation is composed of seven teams representing six countries: United Arab Emirates, France, Russia, Switzerland, Ireland and China,

Four of the six teams take part in the European Le Mans Series. Among the two French teams, Sébastien Loeb Racing will be competing in the 24 Hours of Le Mans for the first time, with Sébastien Loeb as team manager. while Signatech-Alpine returns from last year, the « Bleus » looking for glory following their European Le Mans Series championship last year. Race Performance plays the veteran with five consecutive participations in the LM P2 class, fourth with the ORECA 03. After discovering Le Mans last year, Murphy Prototypes is one of the favorites for 2014.

Two other teams compete in the FIA World Endurance Championship. The Russian team SMP Racing is present in several top series and began fielding an ORECA 03 in the middle of the 2013 season. For the Chinese outfit KCMG, they decided to change constructors during the off season and chose the ORECA 03. In addition. Millennium Racing will be making its return to racing at the 24 Hours of Le Mans.

Two manufacturers provide tyres for the ORECA 03: three entries are on Michelin rubber, while the other five race with Dunlops. With one car powered by a Judd V8, the rest of the ORECA 03 entries use a Nissan V8 powerplant prepared by the ORECA engine department. With collaboration from the engine technicians and members of the customer team service, ORECA brings an overall package to support teams running the ORECA 03R.

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MILLENNIUM RACING



SÉBASTIEN LOEB RACING





Team Principal: Simon Dowson Chief engineer: David Leach

Competition debut: 2009 as ADR-Delta









Team Principal: Dominique Heintz Technical director: Léo Thomas Sporting director: Franck Tiné Competition debut: 2012



Racing experience:

Runner up Formula Superleague 2009 & 2010, Champion Superleague 2011 2nd in LM P2 Trophy in FIA World Endurance Championship 2012 3rd in LM P2 Trophy in FIA World Endurance Championship 2013

Results with the ORECA 03:

2013

Won 6 Hours of Silverstone, LM P2: Pizzonia/Graves/Walker Won 6 Hours of Sao Paulo, LM P2: Rusinov/Conway/Martin

Won 6 Hours of Circuit of the Americas, LM P2: Rusinov/Conway/Martin

Won 6 Hours of Shanghai, LM P2: Rusinov/Conway/Martin Won 6 Hours of Bahrain, LM P2: Rusinov/Conway/Martin

4 pole positions: 6 Hours of Silverstone, 6 Hours of Sao Paulo, 6 Hours of the Circuit of the Americas, 6 Hours of Shanghai

2012

Won 6 Hours of Silverstone, LM P2: Matin/Graves/Charouz Won 6 Hours of Fuji, LM P2: Martin/Graves/Nakano Won 6 Hours of Shanghai, LM P2: Martin/Graves/Beche

2nd 6 Hours of Spa, LM P2 (1st in FIA-WEC LM P2): Martin/Graves/Kerr

Pole positions: 6 Hours of Spa and 24 Hours of Le Mans, LM P2

Official website: www.delta-adr.com

Twitter: @delta_adr Facebook : ADRDelta











Racing experience:

Champion Porsche Carrera Cup France, Overall, Gentlemen Drivers and Teams 2012 Champion Porsche Carrera Cup France, Gentlemen Drivers 2013 Runner up France FFSA GT 2013, Drivers & Teams Runner up FIA GT Series 2013. Teams

Results with the ORECA 03:

2014

7th 4 Hours of Silverstone: Capillaire/Charouz 2nd 4 Hours of Imola: Capillaire/Charouz

2012

2nd 6 Hours of the Castellet: Marroc/Minassian/Sarrazin 4th 6 Hours of Donington: Marroc/Minassian/Sarrazin 5th Test Day 24 Hours of Le Mans : Loeb/Marroc/Vernay

Official website: www.sebastienloebracing.com

Facebook: /LoebRacing Twitter: @LoebRacing









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SMP RACING

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Team Principal: Boris Rotenberg Sporting director: Sergey Zlobin Team manager: Antonio Cazzago Competition debut: 2008

Technical director : Luigi Urbinelli







#37 Nicolas Minassian Maurizio Mediani Kirill Ladygin

Racing experience :

Champion European le Mans Series, Drivers and Teams GTC 2013 Runner-up Blancpain Endurance Series, Pro-Am 2013 Competes in French F4 Championship, F.Renault 2.0 ALPS, World Series F.Renault 3.5, Eurocup F.Renault 2.0, Italian F4, ATS Formula 3 Cup, IndyCar, Karting...

Results with the ORECA 03:

2014

3rd 6 Hours of Silverstone, LM P2 : Zlobin/ Minassian/ Mediani 4th & 5th 6 Hours of Spa, LM P2 : Ladygin/Shaitar/Ladygin & Zlobin/Minassian/Mediani

2013

4th 3 Hours of the Hungaroring : Zlobin/Mediani 6th 3 Hours of the Red Bull Ring : Zlobin/Mediani 6th 3 Hours of Paul Ricard : Zlobin/Mediani Official website: www.smpracing.ru Facebook : /SmpRacingRussia Twitter : @SMP_Racing













RACE PERFORMANCE

DRECA

SIGNATECH-ALPINE

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#34 Michel Frey Franck Mailleux John Lancaster



Based in: Münsingen, Suisse Team Principal: Michel Frey Chief engineer: Urs Meier Race engineer: Paul Thomas Competition debut: 2003



Racing experience:

Swiss Formula 2000 (champion 2005) then Renault Megane Trophy Eurocup and Le Mans Series (since 2010). Four Le Mans 24 Hours participations.

Results with the ORECA 03:

2014

2nd 4 Hours of Silverstone: Frey/Mailleux

2013

2nd 3 Hours of Silverstone: Frey/Niederhauser 4th 3 Hours of Imola: Frey/Niederhauser

9th 24 Hours of Le Mans, LM P2: Frey/Niederhauser/Bleekemolen

2012

11th 24 Hours of Le Mans, LM P2: Frey/Hirschi/Meichtry 5th 6 Hours of the Castellet : Frey/Hirschi/Meichtry

2011

2nd 6 Hours of Silverstone, LM P2: Frey/Meichtry/Rostan 6th 24 Hours of Le Mans, LMP2: Frey/Meichtry/Rostan

Official website: www.race-performance.com Facebook: /RacePerformance1















Based in: Bourges, France **Director**: Philippe Sinault Team manager: Lionel Chevalier Race engineer: Olivier Bacchis



Racing experience:

Runner-up in French F3 (1999), Champion French F3 (2000), Champion European F3 (1999, 2000 and 2002), four-time winner of the FIA Europa Cup (1999, 2000, 2002, 2003), Champion F3 Euro Series 2010 and runner-up F3 Euro Series 2011. Three 1-2 finishes at the Macao Grand Prix (2003, 2009 and 2010). Six participations at the 24 Hours of Le Mans

Results with the ORECA 03 and Alpine A450:

2014

5th 3 Hours of Silverstone : Chatin/Panciatici/Webb 3rd 4 Hours of Imola: Chatin/Panciatici/Webb

Champion European Le Mans Series, Drivers & Teams 1st 3 Hours of the Hungaroring: Ragues/Panciatici

2nd 3 Hours of Imola: Ragues/Panciatici

2nd 3 Hours of the Red Bull Ring: Ragues/Panciatici

2nd 6 Hours of Bahrain: Mailleux/Lombard/Tresson 2011

Champion « Teams LM P2 » Intercontinental Le Mans Cup 1st 6 Hours of Zhuhai, LM P2 : Mailleux/Ordoñez/Vernay 2nd 24 Hours of Le Mans, LM P2: Mailleux/Ordoñez/Ayari 2nd 12 Hours of Sebring, LM P2: Mailleux/Ordoñez/Avari 2nd 6 Hours of Imola, LM P2: Mailleux/Ordoñez/Ayari 3rd Petit Le Mans, LM P2: Mailleux/Ordoñez/Vernay

Official site: www.signature-team.com Facebook : /Team-SIGNATURE

Twitter: @SignatureRace









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KCMG

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DRECA MURPI

MURPHY PROTOTYPES

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Based in : Hong Kong Founder : Paul Ip

Team manager : Maarten De Busser Technical director : Gregory Wheeler Chief mechanic : Brian Colangelo



Competition debut: 2007



Twitter : @KCMotorgroup Facebook : /KCMGltd

Racing experience:

Runner-up Asian Formula F3 & Japanese F3 (2007), Macao F3 Grand Prix (2008-2009), Clio Cup China Series (2009), China Touring Car Championship (2010), Japanese F3 (2007-2013), Formula Nippon (2009-2013), first Chinese team to take part in the FIA World Endurance Championship, winner of two races in the Asian Le Mans Series (2013).

Résultats avec la ORECA 03 :

2014

2nd 6 Hours of Silverstone, LM P2: Howson/Bradley/Matsuda 3rd 6 Hours of Spa, LM P2: Howson/Bradley/Imperatori













Based in : Dublin, Irlande **Founder :** Greg Murphy

Team manager : Malcolm Swetnam
Technical director : Michael Jakeman

Competition debut: 2012



Results with the ORECA 03:

014

Fastest lap 4 Hours of Silverstone

2013

1st 3 Hours of Paul Ricard : Hartley/Hirschi 2nd 3 Hours of the Hungaroring : Hartley/Hirschi Pole position 3 Hours of the Hungaroring

Fastest lap 3 Hours of Silverstone, 3 Hours of the Red Bull Ring, 3 Hours of the Hunga-

roring, 3 Hours of Paul Ricard

6th 24 Hours of Le Mans, LM P2 : Hartley/Patterson/Chandhok

2012

3rd 6 Hours of Spa, LM P2 : Firth/Hughes/Hartley

Official website: www.murphyprototypes.com

Twitter: MurphyPrototype Facebook: MurphyPrototypes









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18 victories since 2011
15 pole positions since 2011
22 chassis built since 2011
13 different teams have raced with the ORECA 03 LM P2 since 2011

2013

- ★ Won 6 Hours of Silverstone, LM P2: Delta-ADR, Pizzonia/Graves/Walker
- ★ Won 3 Hours of Imola: Thiriet by TDS Racing, Beche/Thiriet
- * Won 6 Hours of Spa, LM P2 : Pecom Racing, Perez-Companc/Kaffer/Minassian
- ★ Won 3 Hours of Red Bull Ring: Thiriet by TDS Racing, Beche/Thiriet
- ★ Won 6 Hours of Sao Paulo, LM P2: G-Drive by Delta-ADR, Rusinov/Conway/Martin
- ★ Won 3 Hours of the Hungaroring : Signatech-Alpine, Ragues/Panciatici
- * Won 6 Hours of the Circuit of the Americas. LM P2 : G-Drive by Delta-ADR, Rusinov/Conway/Martin
- ★ Won 3 Hours of Paul Ricard : Murphy Prototypes, Hartley/Hirschi
- ★ Won 6 Hours of Shanghai, LM P2 : G-Drive by Delta-ADR, Rusinov/Conway/Martin
- ★ Won 6 Hours of Bahrain, LM P2: G-Drive by Delta-ADR, Rusinov/Conway/Martin

2012

- ★ Won 6 Hours of the Castellet, overall : Thiriet by TDS Racing, Thiriet/Bèche
- ★ Won 6 Hours of Silverstone, LM P2 : ADR-Delta, Martin/Graves/Charouz
- ★ Won 6 Hours of Bahrain, LM P2: Pecom Racing, Perez-Companc/Kaffer/Minassian
- ★ Won 6 Hours of Fuji, LM P2 : ADR-Delta, Martin/Graves/Nakano
- ★ Won 6 Hours of Shanghai, LM P2 : ADR-Delta, Martin/Graves/Beche

2011

- ★ Won 1000km of Spa-Francorchamps, LM P2 : TDS Racing, Thiriet/Bèche/Firth
- ★ Won 6 Hours of Estoril, LM P2 : TDS Racing, Thiriet/Bèche/Firth
- ★ Won 6 Hours of Zhuhai, LM P2 : Signatech-Nissan, Mailleux/Ordoñez/Vernay







Notable accomplishments

5th 24 Hours of Daytona 2014: best result for a French constructor 6 out of 8 wins in FIA World Endurance Championship 2013 6 out of 8 pole positions in FIA World Endurance Championship 2013 4 out of 5 wins in European Le Mans Series 2013 4 out of 5 fastest race laps in European Le Mans Series 2013

2013

- ★ Champion « Teams LM P2 » European Le Mans Series (Signatech-Alpine)
- ★ Champion « Drivers LM P2 » European Le Mans Series (Pierre Ragues/Nelson Panciatici)

2012

- ★ Champion « Constructors LM P2 » European Le Mans Series (with Nissan)
- ★ Champion « Teams LM P2 » European Le Mans Series (Thiriet by TDS Racing)
- ★ Champion « Drivers LM P2 » European Le Mans Series (Pierre Thiriet/Mathias Beche)

2011

- ★ Champion « Constructors LM P2 » Le Mans Series (with Nissan)
- ★ Champion « Teams LM P2 » Intercontinental Le Mans Cup (Signatech-Nissan)











automotive industry.

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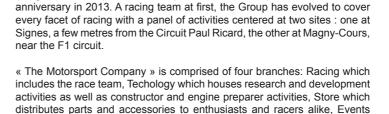
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Created by Hugues de Chaunac at the beginning of the 1970s, ORECA (ORganisation Exploitation Compétition Automobile) celebrated its 40th

GROUPE ORECA

With over 200 collaborators working in more than 10 000 m² of dedicated space, the Groupe has become a global company, including an Asian presence in Hong Kong as well as partnerships with some of the world's top constructors, manufacturers and other automotive industry companies.

which acts as an agency to various companies and major players in the

The 24 Hours of Le Mans symbolises the diversity of Groupe ORECA's activities since all four departments will be respresented : Racing with TOYOTA Racing, Technology via the ORECA 03 in LM P2 and REBELLION in LM P1, and finally Store and Events in partnership with TOYOTA.

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Find all the news about the group and download the online version of the press pack at www.oreca.fr

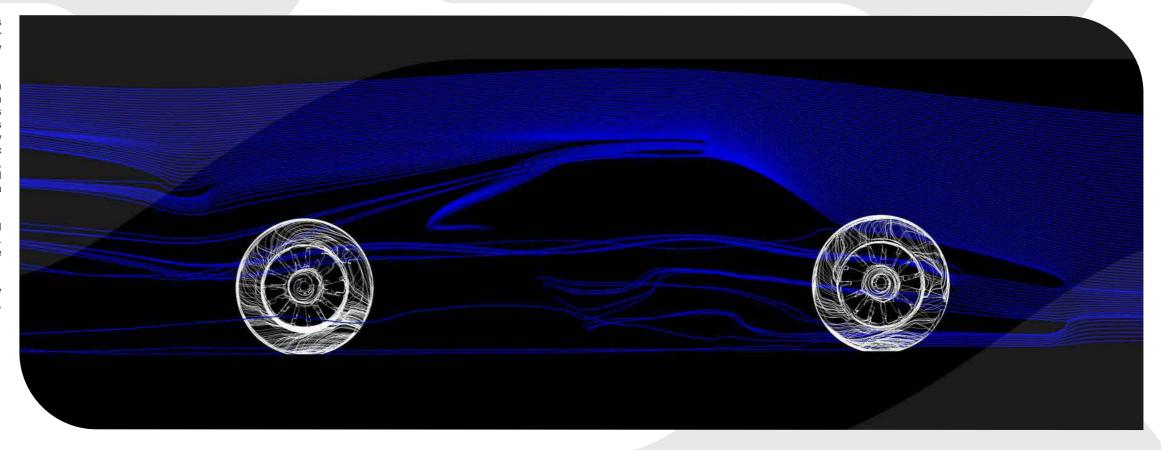


Although the Technology department first developed under Team ORECA's programs, over time the branch diversified to include racing car manufacturer roles, showing its capabilities to both external companies as well as its know-how in other disciplines outside motor sports.

ORECA Technology's research and development department has the human and technical means to take on any type of project. Comprised of a design bureau with about 10 workers, the R&D department relies on strong partners including longtime associates CD-adapco and Dassault Systèmes//Keonys as well as ChassisSim for specific simulator needs. ORECA Technology's know-how combines CAO, reverse engineering, structural analysis as well as dynamic simulations and CFD. All of this is coupled with production tools in welding, machining, electrical and composites. In fact, ORECA has recently acquired an autoclave oven for this very purpose. In addition, the department houses a metrological service and a proven qualification and certification system.

Thanks to its know how and tools, ORECA Technology responds to the internal needs of the Group, as well as external requests, including regional companies. The department regularly works with major manufacturers, such as the Mégane Trophy for Renault and Fabia Ice for Skoda.

It is because of this global project management ability that ORECA Technology was chosen by REBELLION Racing to design and build the REBELLION R-One, the first LM P1-L to race against Audi, Porsche and TOYOTA LM P1-H entries.



General approach

« The design bureau began the prototype study from a blank page and completed the project in record time. Barely 12 months from the first pen stroke to the shakedown! We rely on our previous experience in order to reach our objectives. Of course, the approach had to be pragmatic and « efficient » along the same lines as the FIA/ACO technical regulations. »

The Look

« We had no limit in terms of design. For example, there was no obligation to have very low sidepods. It was the aerodynamic developments and simulator results that dictated this choice. Then there were a few details where we could take a few liberties, such as integrating the REBELLION logo above the headlamps. But it was always performance that guided our choices. »

The parameters

« There was a lot to take into account, above and beyond the aerodynamics. We had an objective in terms of usage: to have a true capacity to affect the car's settings, accessibility to parts, as well as the life cycle of said parts. We also had to adapt to the new regulations and to energy management which have a heavy impact on the car's functions. Therefore we looked to reduce drag, focus on weight balance, etc. »



The nose

« There wasn't a desire to have an either wide or thin nose. The ORECA 01 had a thin nose, but that's because we began with an exisiting design. With the R-One, we had more latitude. Honestly, we have solutions for noses that are more original and perform better, but these were not realistic for a private constructor and in the time frame we had. It's a compromise you have to find and accept. »

Wisdom

« Innovation implies much research and development. At the same time, our budget isn't the same as the major manufacturers and our situation doesn't allow for maximum risk taking. Everything must be weighed with innovation against risk taken. It's a fine balance that must be found between risk and reward. »







363 days

« That's the time between the first piece designed and the first roll out. It was 12 very intense months for the Design Bureau which led this exciting project. There were moments of reflection, even questions. But that's common in this type of project. You must always anticipate potential problems in order to find solutions. In terms of the planning, we knew it would be tight. Homologation tests are not easy moments because passing them on the first try is not always the case for everyone. But we did it. »

Feather weight

« Weight was clearly an important factor in our work. It's not a question of losing weight on such and such part, but a global philosophy. Therefore we looked to optimise everything and to shed every gram everywhere possible. For example, we worked very hard on the monocoque. We have a certain latitude when it comes to weight and ballasts. This initial objective was more than reached. »

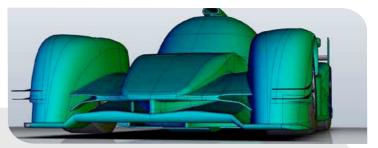


Magic

« The final phase where the car is assembled is the most magical especially with the first roll out. It's finally the moment where all of that work from the last few weeks or months is realised on the track. It's the first result of sorts. Completing the first few meters at Le Mans will also likely be a big moment, but the baby will have already grown up. »

360°

« Le Mans will be intense for ORECA. Intense and exciting with TOYOTA Racing, with the REBELLION R-One and the ORECA 03R. Our approach is pragmatic and structured to manage all at once. It's all one big family on location, but the players will be different, with teams dedicated to TOYOTA, to the development of the R-One and the customer support for the LM P2 teams. Our efforts are compartmentalised, with shared passion and objectives: lead our projects to success. »



Chassis

Carbon and honeycomb Length: 4650 mm Width: 1900 mm Height: 1150 mm

Front overhang: 1550 mm Rear overhang: 1560 mm Wheelbase: 2960 mm Weight: 850 Kg

Engine

Toyota RV8KLM 90° V8 Displacement: 3400 CC Horsepower: approx. 500 HP Weight: approx. 120 kg

Lubrification: dry sump / oil pump Electronics management: TMG

Gearbox

Brand : Xtrac

Type: Transversal magnesium casing RZ5

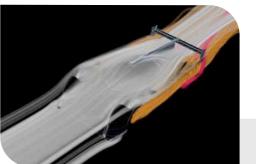
Gear changes: paddle shift / electronic management Megaline

Gears: 7 + reverse Clutch: Carbon AP racing Differential: Xtrac, limited slip Driveshaft: monobloc bespoke









Brakes

Ventilated carbon discs

Brand: Brembo Front discs: Brembo diametre 380 mm

Front caliper: Brembo monobloc 6 pistons Front brake pads: Brembo

Rear discs: Brembo diametre 337 mm

Rear caliper: Brembo monobloc 6 pistons

Rear brake pads: Brembo

Safety

Six-point harness adapted to HANS system Fuel reservoir with safety bladder and integrated reserve system

> Bodywork : Carbon/kevlar Custom heated windshield

Suspension: double wishbone, with pushrod

Shocks: PKM

Tyres: Michelin front and rear: 31-71/R18

Front Wheels OZ: 18"x13"

Rear Wheels OZ: 18"x13"



Team principal: Alexandre Pesci Team manager: Bart Hayden Technical director: Ian Smith Engineer #12: James Robinson Engineer #13: Saimon Cayzer

TOYOTA

#13 Andrea Belicchi
Dominik Kraihamer
Fabio Leimer





Competition debut :

1995 as SEBAH Racing 2010 as REBELLION Racing

Racing experience / Results:

As REBELLION Racing: 3rd Le Mans Series LM P1 (2010), Champion Le Mans Series (2011), 3rd Intercontinental Le Mans Cup and 1st Privateer (2011), 4th 24 Hours of Le Mans and 1st Privateer (2012), 3 class podiums at the 24 Hours of Le Mans, two-time winner of the FIA Endurance Teams LM P1 Trophy (2012 and 2013), 14 class wins LM P1 in FIA World Endurance Championship, two-time winner Petit Le Mans (2012 and 2013)

As SEBAH Racing: Two-time champion Le Mans Series GT (2004 and 2005), Runner-up Le Mans Series LM P2 (2009), Winner of the Michelin Green X Challenge (2009).

Official website: www.rebellion-racing.com/

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Born out of the purchase of SNBE in 2004, ORECA's engine department is based in Magny-Cours, a few meters from the F1 circuit. Continually evolving, the department led by Serge Meyer today has about 50 collaborators and top facilities: 3,600 sg.m. of infrastructure, 4 test benches including an asynchronous engine, a top of the line distribution bench and a gasket flow bench. Capable of designing an engine from a blank sheet of paper to its production, the engine department is involved at all levels of racing, including the 24 Hours of Le Mans. Six LM P2 - five ORECA 03 and one Alpine A450 - are powered by ORECA Engine, which prepares the Nissan V8 powerplant.

Several engine technicians are present within the customer teams, bringing their experience and know-how to the track in terms of performance, consumption and

ORECA's engine department is present in several championships and works closely with major manufacturers. In rally, partnered with Skoda, with the title in European Rally Championship and Asia-Pacific Rally Championship. In super touring, providing the powerplants for the factory Lada Granta entries.

In rallycross, preparing the Peugeot 208 engine for Team Peugeot-Hansen and Albatec Racing after winning the European Championship and X-Games with Hansen Motorsport.

And finally in rally-raid, with the SMG Buggies and prototypes built by the Chinese constructor Great Wall. Without forgetting hill climb events and single-marque formulas.



Throughout its years in racing, ORECA has been involved with some of the biggest manufacturers and the 24 Hours of Le Mans are no different. ORECA will return in 2014 to bring operational support to TOYOTA Racing for their two official TS040 HYBRID entries. This translates to ORECA engineers and experienced endurance racing mechanics being on hand, as well as marketing support.

This partnership has been rich in success since its beginnings at the end of 2011. The TS030 HYBRID claimed the first victory for a car with « supercapacitor» hybrid technology at the 6 Hours of Sao Paulo in 2012. The team took two other wins that same year in the FIA World Endurance Championship, at Fuii and Shanghai, and one more in 2013, at Bahrain. This in addition to a second place finish in the 24 Hours of Le Mans last year. In its racing debut, the TS040 HYBRID claimed a 1-2 finished at the 6 Hours of Silverstone in April.

For ORECA, this is its 20th participation at the 24 Hours of Le Mans, with the first being in 1977 with a Renault-Alpine A442. ORECA has taken part in this legendary event with nine other margues: BMW (1981), Mazda (1991, 1992), Chrysler (1996-2002), Reynard (2000), Dallara (2001, 2002), Audi (2005), Saleen (2007), Peugeot (2010-2011) and Toyota (2012-2013).



ORECA's results at the 24 Hours of Le Mans.

1 outright victory in support of Mazdaspeed: 1991 - Mazda 787B n°55 : Volker Weidler / Johnny Herbert / Bertrand Gachot

3 class victories as Viper Team ORECA:

★ 1998 - Chrysler Viper GTS-R n°53: Justin Bell / Luca Drudi / David Donohue (GTS)

★ 1999 - Chrysler Viper GTS-R n°51 :

Olivier Beretta / Karl Wendlinger / Dominique Dupuy (GTS)

★ 2000 - Chrysler Viper GTS-R n°51:

Karl Wendlinger / Olivier Beretta / Dominique Dupuy (GTS)

1 fastest race lap: 2010 - Loïc Duval : Peugeot 908 HDi FAP n°10 7 top fives in the overall classification (2001, 2002, 2005, 2009, 2010, 2011, 2013)

Although regularly present at the 24 Hours of Le Mans and in endurance racing. ORECA is no less a multi-disciplined racing team. Team ORECA, whether under its own name or as an official representative for a manufacturer, has won on all terrains: single seaters, rally, as well as rallycross and rally-raid and event GT and super touring. In total, ORECA has enjoyed over 300 wins in competition and 40 national and international titles.

As the only French team to have won the 24 Hours of Daytona and only French team to have claimed victory at the 12 Hours of Sebring with a French car and driver lineup, ORECA is not ruling out the possibility of returning to other disciplines of racing in the future.

- 2013 2 wins in FIA World Endurance Championship TOYOTA Racing
- 2012 3 wins in FIA World Endurance Championship TOYOTA Racing
- 2011-2012 Constructors Winner Andros Trophy Skoda (2 wins)
- 2011 Winner 12 Hours of Sebring Nicolas Lapierre/Loic Duval/Olivier Panis (Peugeot 908 HDi FAP)
- 2010 Champion Drivers Le Mans Series LM P1 Stéphane Sarrazin (Peugeot 908 HDi FAP) Champion Teams Le Mans Series LM P1 (Peugeot 908 HDi FAP)
- Winner 1000km of Portimao (Peugeot 908 HDi FAP)
- 2009 Winner 1000 km of Silverstone Olivier Panis/Nicolas Lapierre (Oreca 01)
- 2008 World Champion WTCC Yvan Muller (Seat)

ORECA STATEMENT COMPANY

- 2007 Champion Le Mans Series LM GT1 Soheil Ayari/Stéphane Ortelli (Saleen S7R) (4 wins) Champion French GT - Soheil Ayari/Raymond Narac (Saleen S7R) (10 wins)
- 2006 Champion French GT Soheil Ayari/Bruno Hernandez (Saleen S7R) (8 wins)
- 2005 Winner 1000 km of Silverstone Stéphane Ortelli/Allan McNish (Audi R8)
- 2004 European Rally Champion Simon Jean-Joseph (Renault Clio)
- Spanish Rally Champion Alberto Hevia (Renault Clio)
- ★ 2003 French Rally Champion Simon Jean-Joseph (Renault Clio) Junior World Rally Champion JWRC - Brice Tirabassi (Renault Clio)
- ★ 2002 French Rally Champion Super 1600 Brice Tirabassi (Citroën Saxo) Winner FIA Sportscar at Estoril - Olivier Beretta/Nicolas Minassian (Dallara LMP)
- 2000 Winner 24 Hours of Daytona Olivier Beretta/Karl Wendlinger/Dominique Dupuy (Dodge Viper) 1st & 2nd LM GTS 24 Hours of Le Mans (Chrysler Viper) 1st. 2nd & 3rd LM GTS 12 Hours of Sebring (Dodge Viper)
- Champion Teams American Le Mans Series LM GTS (Dodge Viper)
- ★ 1999 1st & 2nd LM GTS, 24 Hours of Le Mans (Chrysler Viper) Champion Teams American Le Mans Series LM GTS (Dodge Viper) Champion Teams FIA GT (Chrysler Viper)
- ★ 1998 1st & 2nd GT2, 24 Hours of Le Mans (Chrysler Viper) Champion Teams FIA GT GT2 (Chrysler Viper)
- 1997 Champion Teams FIA GT GT2 (Chrysler Viper)
- 1996-1997 Winner Drivers Classification Andros Trophy Yvan Muller (BMW 318 ti Compact & Z3) Winner Constructors Classification Andros Trophy - BMW







- 1995-1996 Winner Drivers Classification Andros Trophy Yvan Muller (BMW 318 ti) Winner Constructors Classification Andros Trophy - BMW
- * 1995 French Supertouring Champion Yvan Muller (BMW 318 ti) French Supertouring Champion B - Stéphane Ortelli (BMW 318 ti)
- ★ 1992 Rally-Raid Spanish Champion Salvador Servia (Lada Samara T3)
- ★ 1991 Winner 24 Hours of Le Mans (Mazdaspeed Mazda 787)
- ★ 1990 Winner Pharaons Rally (Lada Samara T3)
- ★ 1989 French F3 Champion Jean-Marc Gounon (Revnard-Alfa Romeo) French Rallycross Champion - Philippe Wamberque (Peugeot 205 T16)
- ★ 1988 French F3 Champion Erik Comas (Dallara-Alfa Romeo) French Rallycross Champion - Guy Fréquelin (Peugeot 205 T16)
- * 1987 French F3 Champion Jean Alesi (Martini-Alfa Romeo & Dallara-Alfa Romeo)
- ★ 1986 French F3 Champion Yannick Dalmas (Martini-Volkswagen) Won Monaco Grand Prix F3 - Yannick Dalmas (Martini-Volkswagen)
- * 1985 French F3 Champion Pierre-Henri Raphanel (Martini-Alfa Romeo) Won Monaco Grand Prix F3 - Pierre-Henri Raphanel (Martini-Alfa Romeo) German Rally Champion - Kalle Grundle (Peugeot 205 T16)
- ★ 1984 French F3 Champion Olivier Grouillard (Martini-Alfa Romeo) French F.Renault Champion- Yannick Dalmas (Martini)
- * 1983 French F3 Champion Michel Ferté (Martini-Alfa Romeo) Won Monaco Grand Prix F3 - Michel Ferté (Martini-Alfa Romeo)
- * 1982 Won Monaco Grand Prix F3 Alain Ferté (Martini-Alfa Romeo)
- * 1981 Won Monaco Grand Prix F3 Alain Ferté (Martini-Alfa Romeo)
- ★ 1979 French F3 Champion Alain Prost (Martini-Renault) European F3 Champion - Alain Prost (Martini-Renault) Won Monaco Grand Prix F3 - Alain Prost (Martini-Renault)
- ★ 1977 European F2 Champion René Arnoux (Martini-Renault) Won Monaco Grand Prix F3 - Didier Pironi (Martini-Tovota)
- ★ 1975 European F2 Champion Jacques Laffite (Martini-BMW)
- * 1972-1973 French and European F3 Championships (2 wins) (Martini-Vegantune)







ORECA is TOYOTA Racing team's partner for track operations as well as its distributor of parts and accessories dedicated to motorsports competition and automotive recreation.

Number one in France and among the European leaders, ORECA Store manages the official merchandising for TOYOTA's Le Mans project. The ORECA Store works in collaboration with TOYOTA Motorsport GmbH (TMG) and manages the e-commerce site whose URL is http://shop.toyotahybridracing.com/.

During the 24 Hours of Le Mans, a 50m² space reserved for TOYOTA Hybrid Racing will be situated at the heart of the village. A corner store will also be present at TOYOTA hospitality. For the duration of the season, more than 150 items are available and distributed in more than 50 countries, or the equivalent of 20,000 products.

A multi-channel store at the website www.oreca-store.com, 30,000 catalogs distributed, but also two stores and corporate events, ORECA Store carries 35,000 items for more than 250 brands, notably Sparco, Stilo, Bell, Stack, Recaro, Ferodo, AP Racing, Pagid, Pirelli, Dunlop, etc. More than 50 countries are served each year, with products for enthusiasts and racers alike. ORECA Store offers merchandise and brand exclusives: the Sébastien Loeb collection, the brands Turn One and Red Spec, among others.

In May, the website www.oreca-store.com radically evolved with a new version aimed at optimizing the customer experience, the goal being to improve the user's comfort level, the site's user-friendliness and information access through the creation of new features with semi-responsive versions for tablets and mobile devices.



Automobile event agency, motorsports and automotive recreation, ORECA Events is TOYOTA Motor Europe's operator at the 24 Hours of Le Mans. Our team is in charge of Public Relations management and organization for the duration of race week. More than 60 individuals are mobilized for nearly 1,000 invitees. Other activities are conducted with TOYOTA France, whether it be at the Circuit Paul Ricard or at Le Mans for the launch of the TOYOTA GT 86. which is also the official GT Tour pace car.

The partnership with TOYOTA represents only a portion of the activities carried out by ORECA Events. Every year, more than 70 custom events are put in place to support advertisers, constructors and manufacturers to strenghthen image and brand loyalty, such as:

- ★ driving experiences
- Roadshows
- public relationss
- workshops and incentives
- product launches
- interactive attractions
- ★ professional training, etc

ORECA Events is also a championship organizer and promoter, as well as circuit operator

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ORECA has been in Asia for three years via the creation of its subsidiary ORECA Asia based in Hong Kong and whose activity develops from year to year. ORECA Asia is, among other things, in charge of the organization of the Michelin Pilot Experience program in Malaysia. During these incentive days, Michelin invites both its distributors and clients from Asia and the South Sea Islands with on the agenda circuit driving in single-seaters or sedans.

Throughout these last few months, ORECA Asia has reinforced its ties with locals by bringing its expertise and extensive experience at the event level, in the manufacturing of race cars and in the distribution of parts and accessories. The subsidiary continues therefore to forge even more solid relations with businesses in China, Southeast Asia and Northern Asia, and this will be evidenced by new partnerships in the coming weeks.

The Groupe ORECA is also represented in competition by its customer teams. In Asia - through the Chinese team KCMG which has entered an ORECA 03 in the FIA World Endurance Championship and the Asian Le Mans Series. In the United States - where ORECA provides the ORECA-FLM09 prototypes that make up the Prototype Challenge class that has had significant success since 2010 in American Le Mans Series and now in the TUDOR United SportsCar Championship.

Historically very fond of the U.S., ORECA is also willing to develop itself in the American market, as in the Middle East and in Eastern Europe, where projects are in the process of being outlined.







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