



# MOSLER *Challenge*





**MOSLER**  
*Challenge*



## INTRODUCTION

The Mosler Challenge offers current and future Mosler owners a structured, competitive environment to race with other Mosler owners on the most challenging race tracks in Europe. Created and fully supported by Warren Mosler and the Mosler Europe organisation, the Mosler Challenge is a race series for amateur and professional Mosler drivers to race competitively in a welcoming and congenial atmosphere designed in the best interests of the drivers and owners.

All Mosler MT900 race cars are eligible to compete in the Challenge in all engine and suspension configurations originally supplied by or approved by Mosler Europe. This includes the new MT900 Challenge model and the MT900 GT3. Both utilize the current, unrestricted, 570bhp GT3 engine, along with an 1180 kg minimum weight for superior performance. Any performance balancing will use pit-stop time penalties, with faster cars handicapped similar to the best players in Golf, however we intend that the best cars with the best drivers will run at the front.

The new Mosler Challenge offers both demanding competition on the race track as well as a relaxed social environment with other Mosler owners away from the track.

All MT900's remain eligible to participate in various other Championships enabling owners to make full use of their investment.

World class racing – Driver and owner oriented organisation - Hospitality for drivers, teams and guests – Sensible, cost effective rules - Commercial support - Prize money

The Mosler Challenge- designed for you!!!



**MOSLER**  
*Challenge*



## OUTLINE OF PARTICIPATION

The Mosler Challenge is a race series meant to serve all of its participants.

Challenge drivers are expected to compete in a gentlemanly spirit of fair play, with respect for the regulations, other competitors and their cars. Drivers are expected to be competitors rather than combatants, with the spirit of fair and safe competition always coming first. Drivers who fail to respect this "fair play" philosophy will be excluded from the Mosler Challenge.

The series aims to attract amateur and professional drivers who welcome a competitive environment supported by rules of equal opportunity and fair play. The Mosler Challenge appeals to accomplished or gentlemen drivers alike, and is intended to provide an enhanced GT race driving experience with high reliability and sensible costs.

Mosler Europe will create a Mosler Challenge Committee to represent drivers, teams and organisers and will be the forum to air views throughout the series.

Issues for this Committee are to be sent to the Mosler Challenge Manager at:

Mosler Europe  
10c Harding Way, St Ives  
Cambridgeshire  
UK  
PE 27 3 WR  
+ 44 1480 498640  
+ 44 1480 462984  
Email : [race@mosler.co.uk](mailto:race@mosler.co.uk)



# MOSLER Challenge



## MOSLER GT3 TECHNICAL SPECIFICATIONS 2008

### General

- Mosler MT900S road car modified to Mosler Challenge regulations (not road-legal).
- Rear/mid mounted longitudinal V8 engine with 6 speed rear transaxle and rear wheel drive.
- Standard Mosler MT900S components unless otherwise stated.

### Engine

- Mosler modified GT3 Spec GM LS7 7 litre V8 engine mapped for 98 octane unleaded fuel.
- LS7 dry sump system modified to Mosler GT3 application.
- **Motec engine management system.**
- Motorsport throttle body.
- **Motorsport engine wiring loom.**
- Stainless steel 4-1 headers, exhaust manifolds with straight through rear exit exhausts and silencers.
- Race spec cooling system (front-mounted water radiator and side mounted engine and transmission oil coolers).
- Power output 388 kw (570 bhp) @ 5900 rpm.
- Torque output 684 Nm (540 lbf.ft) @ 4800 rpm.
- Max engine rpm 6800.

### Transmission

- Hewland NLT transaxle.
- 6 speed sequential with GT3 fixed ratios.
- Race spec triple plate clutch.
- **Flat shift gear change system.**
- **Optional traction control.**
- **Optional Paddle Gear Shift System.**

### NOTE

Challenge Car : Parts marked yellow will be replaced with less expensive components or removed. It is intended that the Challenge car is a lower cost route to the Mosler Challenge, and GT racing in general, with similar pace but without the 24 Hour capabilities of the GT3 car. Variations in specifications will be considered by Mosler to allow teams to work to their budgets and available parts if required. It is expected that all cars will be GT specification within 2 years.

### Chassis

- Standard Mosler MT900S carbon composite monocoque with steel tube front and rear subframes.
- Integral bolted and bonded steel roll cage to FIA safety standards.
- ATL 100 litre fuel cell.
- **AP racing pneumatic jack system.**

### Brakes

- AP 6-piston front calipers.
- AP 4-piston rear calipers.
- AP 378 mm ventilated front disc.
- AP 355 mm ventilated rear disc.
- Manually adjustable front / rear brake bias.
- Front and rear upright carbon brake ducts.

### Suspension

- **Dynamics DSSV dampers with 4-way bump and rebound adjustment.**
- **Rose jointed independent double wishbone front and rear.**
- **Machined billet aluminium uprights.**
- **Central wheel locking system.**
- Front and rear adjustable anti-roll bars.

### Wheels

- BBS 3 piece aluminium.
- Front 18" rim 12.5" wide.
- Rear 18" rim 13" wide.

### Tyres

- Dunlop.
- Front 30/65-R18.
- Rear 31/71-R18.

### Bodywork

- **Carbon kevlar® composite body panels.**
- **Polycarbonate side windows.**
- Carbon composite standard doors.
- Front splitter and diffuser.
- Front dive vanes.
- Adjustable composite rear wing.
- Composite rear diffuser.

### Interior

- **Motec back lighted dash and data acquisition system.**
- Data upgrades optional.
- Sparco race seat, adjustable position.
- 6-point race harness.
- Race steering wheel with quick release.
- **Electric adjustable power steering.**
- Tilton racing pedal box.
- **Lifeline 6 point fire gas discharge extinguisher system.**
- **Light weight motorsport wiring harness.**
- Optional driver air conditioning system.

### Dimensions

- Length: 4900 mm
- Width: 1995 mm
- Wheelbase: 2769 mm
- Height: 1041 mm
- Dry weight: 1180 kg with ballast
- Fuel capacity: 100litrs

GT3 Car 225,000 Euros + vat  
**Challenge Car 150,000 Euros + vat**



**MOSLER**  
*Challenge*



## MOSLER CHALLENGE 2008 RACING SCHEDULE

The first season will take place in conjunction with the 2008 Dutch Supercar Challenge Championship Calendar\*:

1 ) April	20	Nurburgring
2 ) June	1	Spa
3 ) June	29	Hockenheim
4 ) July	20	Silverstone
5 ) August	3	Assen
6 ) September	14	Assen (Champcar GP)
7 ) October	5	Zandvoort
8 ) October	26	Assen

\* subject to the approval of the Mosler Challenge Committee, dates and events may still change.



# MOSLER Challenge



## MOSLER CHALLENGE COMMERCIAL SUPPORT 2008

In creating the Mosler Challenge, Warren Mosler is making a substantial financial commitment to support the growth of the series, along with the teams, partners and drivers that commit to a full season.

### 1 ) Financing of Mosler MT900 Challenge and Mosler MT900 GT3 racing cars, based on 2008, 2009, 2010 Mosler Challenge participation:

- i. Financing over three years per Mosler MT900 (36 months).
- ii. After year one, car can be returned without penalty in race ready condition.
- iii. After year two, car can be returned without penalty in race ready condition.
- iv. After year three, team owns Mosler MT900.
- v. Interest will be calculated at 5%.
- vi. Cars can be raced in other events outside Mosler Challenge.
- vii. Deposit will be one lease payment at commitment to series and purchase of the Mosler MT900.

### 2 ) Prizemoney will be 10,000 Euros per event, allocated to the following finishing positions in each of the two races:

- 1st position : 2,000 Euros
- 2nd position : 1,250 Euros
- 3rd position : 750 Euros
- 4th position : 600 Euros
- 5th position : 400 Euros

### 3 ) In Addition a Year End Prize Fund will pay the following:

- 1st position : 15,000 Euros
- 2nd position : 10,000 Euros
- 3rd position : 5,000 Euros

All participants that have competed at all events will receive 2500 Euros. Overall prize money will be awarded to the highest point scorers that took part in every, or the most races.

### 4 ) Entry Fee :

Each team will pay an entry fee of 1000 Euros per event for Administrative costs.

### 5 ) On Track support :

A Spares truck and Technical liason will be at every event with all or most needed spares for the Mosler Challenge Cars.

Spares can be purchased via credit card or established account / deposit.

### 6 ) Hospitality :

A hospitality environment will be part of the Mosler Challenge at every event.

Each Team will receive 10 Passes per car for access to the Hospitality Unit on Friday ,Saturday and Sunday.

Additional Tickets can be purchased for 30 Euros per person per meal.

### 7 ) Credentials :

Mosler Challenge Personnel will receive 10 Credentials per entrant, two driver plus eight Team credentials. Car Passes 3.

Additional Passes will be 150 Euros per Person per Season , regardless at which event Credentials will be made.