



RML AD

Le Mans 24 Hours 2011

RML AD Group HPD ARX-01d

After seven successive years of on-track success with Lola, RML AD Group switched to a different chassis supplier at the beginning of 2011. The previous year had been something of a transition for the team, with Mike Newton and Thomas Erdos taking the 2010 Le Mans Series LMP2 title with a Lola Coupé powered by the Honda Performance Development HPD 3.4 litre LM-V8. This season they campaign a purebred HPD in the form of the latest ARX-01d LMP2.

The HPD ARX has diverse origins, with companies in Europe and America working closely to create the open-topped sports prototype. Much of the design and development was carried out by Wirth Research in the UK, but a French-designed Courage LC75 “tub” lies at the heart of the project. The current LMP2 chassis is powered by a new production-based 2.8 litre twin-turbo V6, designated the HR28TT. Based on Honda’s global V6, as fitted to a broad range of Honda and Acura models, the racing version of this engine is the result of joint development by HPD and Honda R&D in the United States.

The ARX-01d is a direct development of earlier examples of the HPD chassis, which first saw competition in the American Le Mans Series in 2007. First time out, in the Sebring 12 Hours, the Andretti Green ARX-01a took the LMP2 class victory and an impressive second-place overall, with other examples finishing third and sixth. Since that impressive debut the HPD chassis has gone on to achieve many record-breaking results. In 2008 the HPD ARX-01 won more than half the eleven LMP2 rounds in the ALMS, including a first-ever outright win for an LMP2 car. The following season Honda Performance Development revealed the ARX-02, a significant redevelopment of the chassis that was eligible for LMP1. Together with those competing in LMP2, the HPD cars swept all before them, taking both the LMP1 and LMP2 titles. The Fernandez entry recorded seven pole positions and eight LMP2 wins from ten starts.

In 2010 the HPD made its first appearance in Europe as the ARX-01c, in the hands of Strakka Racing. Although beaten to the Le Mans Series title by RML’s similarly-powered Lola Coupé HPD, Strakka did record an historic victory in the Le Mans 24 Hours (achieving the highest ever overall finish for an LMP2 entry) and also won the Hungaroring 1000 Kilometres outright. In America, 2009 LMP1 champions Highcroft Racing reverted to LMP2 and won back-to-back titles.

In January 2011 RML AD Group confirmed that the team had acquired the former De Ferran HPD-ARX, fully updated to the current 01d specifications. For further information about HPD, the chassis and V6 twin-turbo engine, please see the dedicated page on the [RML AD Group Team Website](#).

Technical Specification

Engine: Honda Performance Development (HPD) HR28TT, 2.8 litre, fuel-injected, twin-turbo V6.

Power: Approx. 450bhp, giving top speed of approximately 200mph.

Gearbox: HPD/Hewland six-speed semi-automatic sequential activated via paddle shift, with three-plate carbon clutch.

Chassis: One-piece carbon fibre monocoque.

Cooling: Aluminium water radiators and oil coolers.

Suspension: Steel double-wishbones front/rear with pushrod.

Steering: Power assisted rack-and-pinion.

Brakes: Carbon fibre discs & pads. Fronts: 380mm x 37mm. Rears: 355mm x 35mm.

Wheels: Forged magnesium BBS rims. Fronts: 18" x 12.5J. Rears: 18" x 13J.

Tyres: Dunlop. Fronts: 300/650-18. Rears: 310/710-18.

Dimensions: Length: 4617mm, Track, Front: 1662mm, Rear: 1640mm. Wheelbase: 2870mm.

Weight: 920 kgs min.

Capacities: Fuel, 75 litres; Oil (dry sump) 10 litres.

For further information, please visit www.rml-adgroup.com

About RML

The RML Group comprises six divisions; Motorsport, Automotive, Engines, Historic, Events and X-Pro. Based in Northamptonshire, England the company's 4,300 square metre facility includes design, development, manufacturing and operational support for international race/rally programmes and automotive engineering projects including performance engine development.

Since its formation in 1984 RML has achieved success in a diverse range of motorsport categories including GT/sportscars, touring cars, rally cars, single seaters and oval speedway cars. RML currently holds the LMP2 team and drivers titles in the Le Mans Series with Mike Newton and Thomas Erdos. RML also secured the 2010 British Touring Car Championship drivers title with Chevrolet and Jason Plato and the World Touring Car Championship manufacturers and drivers titles with Chevrolet and Yvan Muller.

More information on RML is available at www.rmlmallock.co.uk

About AD Group

Global Video Specialist, AD Group with its 30,000ft headquarters in Warrington, England, was established in 1997, its primary objective being to create and bring to market leading edge CCTV solutions. The pioneering nature of the Group's products, with the emphasis very much on R&D, has undoubtedly been a critical element in AD's success to date. The principal shareholder of AD is Mike Newton who founded UK CCTV giant Dedicated Micros in 1982 which ranks No1 globally for multi channel digital video recorders.

In 2001 Dedicated Micros became an integral part of AD Group. Since that time all AD companies have been able to take advantage of a shared technology and development base, with all products designed and manufactured in-house at facilities in Malta, UK and USA - offering security specifiers, integrators and users the potential for flexible, seamlessly integrated CCTV solutions on the ground, in the air and on the move. AD Group Companies worldwide include: AD Aerospace, AD Aviation, AD Mobile, AD Network Video, ChipWrights, Dedicated Micros, D-Tec, ISD, RemGuard and TSS.

More information on AD Group is available at www.ad-group.co.uk

About Honda Performance Development (HPD)

Honda Performance Development is the Honda racing company within North America. Founded in 1993, and located in Santa Clarita, California, HPD is the technical operations centre for Honda high-performance racing cars and engines. In an open-wheel racing history that dates to 1994, Honda has recorded 166 race victories, 12 drivers' championships, 10 Manufacturers' Championships and seven Indianapolis 500 victories. HPD sportscar chassis, developed in association with Wirth Research of Banbury, Oxfordshire, have dominated LM prototype competition in the American Le Mans Series for the past two seasons, and in 2010, recorded a class win and the highest-ever LMP2 finish in the Le Mans 24 Hours, as well as the first outright endurance victory by an LMP2 chassis in Europe. In addition to its sports-car efforts and its role as single engine supplier to the IndyCar Series, HPD is active in a growing number of grassroots motorsports activities.