



ASTON MARTIN
RACING



ASTON MARTIN
DBR1-2/3



RACING HISTORY



Tub	Year	Event	Car number	Team	Drivers	Race result	Qualified
B09/60 HU-03s	2010	8 Hours Le Castellet	008	Signature	Mailleux/Ickx/Rague	6	8
	2010	Spa 1000km	008	Signature	Mailleux/Ickx/Rague	13	8
	2010	LM 24	008	Signature	Mailleux/Ickx/Rague	DNF (accident)	11
B10/60 HU-01s	2010	Algarve 1000km	008	Signature	Mailleux/Ickx/Rague	3	3 (2nd on grid)
	2010	Hungaroring 1000km	008	Signature	Mailleux/Ickx/Rague	23	5 (38th on grid)
	2010	Silverstone 1000km	008	Signature	Mailleux/Ickx/Rague	6	9
	2011	LM 24	22	Kronos/Marc VDS	Ickx/Martin/Leinders	7	12

TECHNICAL SPECIFICATION

CHASSIS

Full carbon fibre monocoque

Steel spaceframe engine and gearbox support

CONFIGURATION

Mid-engine rear wheel drive

DIMENSIONS

Length: 4634mm

Width: 1990mm

Wheelbase: 2890mm

Minimum Weight: 900kg

ENGINE

Aston Martin Racing V12 based on the successful GT1 engine derived from the DB9 series production engine 60 degree V12

4 valves per cylinder

Double overhead camshafts

5993 cm3 (Bore 94mm stroke 71.96mm)

Dry sump lubrication

Direct injection

Coil on plug ignition

Individual port throttles controlled by twin fly by wire motors

Power >650 bhp

Torque >750 Nm

Max rpm 7500 rpm

ECU /DATA SYSTEM /DASH

Pi Pectel control systems

Telemetry sends car data directly to engineers but cannot receive data back

TRANSMISSION

Six speed sequential gearbox transverse mounted behind the engine with a triple plate carbon clutch, semi-automatic pneumatically actuated shift

BRAKES

Brembo six pot callipers are fitted front and rear

Brake discs are vented carbon 380mm diameter

Pads are carbon operating best at temperatures in excess of 300 degrees centigrade

STEERING

Rack & pinion with electrical power assistance

SUSPENSION

Double wishbone suspension both front and rear with Koni adjustable dampers

WHEELS/TYRES

Forged magnesium BBS wheels

18" diameter x 14" wide at the front

18" diameter x 15" wide at the rear

Michelin tyres

INTERIOR

Driver cockpit air conditioning is fitted to ensure a controlled temperature of 32 degrees centigrade or below

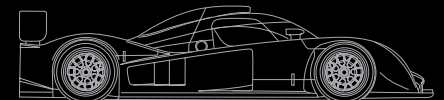
Lifeline provide a fully automated fire extinguisher in accordance with FIA regulations

Custom made Recaro seat

ELECTRICAL

All looms are bespoke and constructed to aerospace/ military standards using the

Deutsch "Autosport" range of connectors. The wire itself is high grade tinned copper providing extra conductivity







FOR FURTHER INFORMATION
CONTACT

ANDREW WILLIAMSON

Customer Programmes Manager
Aston Martin Racing

T +44 (0) 1295 754276

M +44 (0) 7736 399650

E awilliamson@astonmartinracing.com

