



LOTUS EVORA 2012
GTN BROCHURE

LOTUS EVORA GTN

The Lotus Cup Race Series has developed into one of the most successful race series brands in the world, often with capacity grids of Elise, Exige, 2-Eleven and Europa race cars racing and jostling for position.

For 2012, a new class has been created named 'V6 Cup,' which is reserved for GT4, GTS and GTN Evora race cars.

The new GTN Evora class is designed to give drivers and teams the opportunity to convert road going Evora's into competitive racing cars. The GTN Kits have been developed from the successful GT4 and GTS race proven products. These products have been grouped to give simple packages to convert your Evora in dedicated sections. They include Bodywork, Chassis, Powertrain, and Safety/Interior, and are supplied with specific fitting instructions to ensure consistency and ease of fitting.

We hope you find the brochure informative and interesting and if you would like any further information, or to place an order please contact us at Lotus Racing on +44 (0) 1953 608980.



CURRENT EVORA MOTORSPORT RANGE



EVORA GTS

The Evora GTS is the race going sibling of the standard Evora road car. Fitted with a selection of GT4 parts it has accumulated a number of class wins in the Endurance Champions Cup.



EVORA GT4

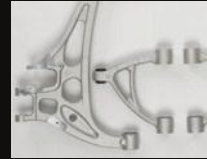
The race-winning Evora GT4 has been a potent force in a number of GT championships and continues to give drivers a world class competitive package straight 'out of the box.'



LOTUS RACING PERFORMANCE PARTS



BODYWORK



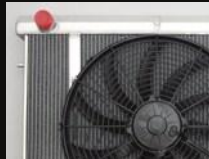
CHASSIS



INTERIOR



POWERTRAIN



MISCELLANEOUS

BODYWORK



KIT 1 BODYWORK

Part No: ALS5B0157J

The bodywork kit comprises of a selection of parts found as standard on the race-winning Lotus Evora GT4 car. These parts are principally designed to increase the aerodynamic performance of the car.

TOTAL BODYWORK KIT PRICE Ex VAT £3,750



REAR WING

Part No: ALS5B0023J

Dallara designed GRP rear wing. It's formed shape has been extensively tested in-house and on circuit. It includes wing end plates and retains the existing OEM mounts.



BARGE BOARDS

Part No: ALS5V0050J

Made from tough plywood they provide a larger underfloor surface area to increase downforce by increasing the effective floor area.



REAR LOUVERED ENGINE COVER

Part No: ALS5B0006F

Made from lightweight GRP the glass replacement offers a weight saving and improvement in heat dissipation from the engine bay.



'A' PANELS

Part No: ALS5B0158J

Made from lightweight GRP they assist in removing the turbulent air from around the wheel, and therefore increase downforce and improve brake cooling.



CARBON DOOR FRAME AND POLYCARBONATE WINDOWS

Part No: ALS5B0159J

Offers significant weight reduction and drivers side window features a slider.



REAR QUARTER CARBON PANELS

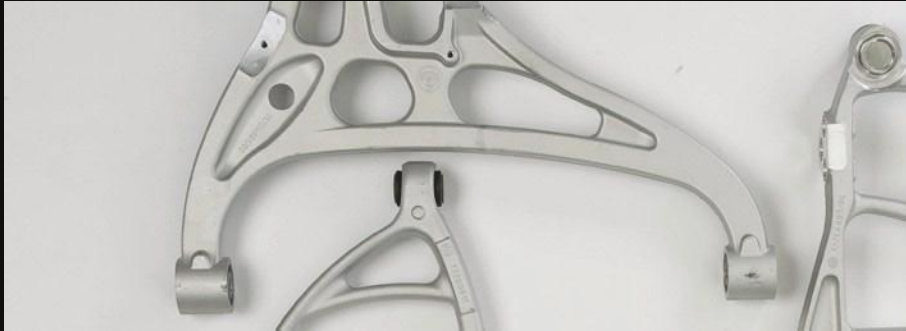
Part No: ALS5B0160J

Made from high quality 'pre preg' carbon fibre these panels replace the existing and heavier glass parts.

Note - Bodywork items are supplied unpainted to allow the selected colour of your choice.



CHASSIS

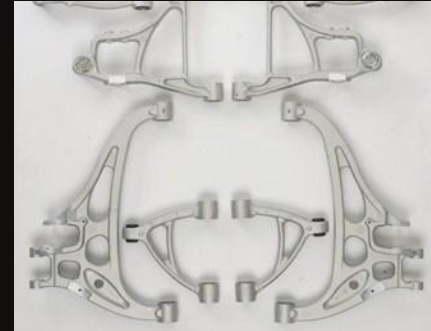


KIT 2 CHASSIS

Part No: ALS5C0086J

The chassis kit focuses on improving the handling of the developed Lotus chassis with the inclusion of motorsport specification wishbones, and high performance Ohlins dampers with 2 way adjustment, fitted with stiffer Eibach springs. Added to the package are increased stiffness anti roll bars and either black or silver 18" GT4 cast aluminium alloy rims.

TOTAL CHASSIS KIT PRICE Ex VAT £9,200



MOTORSPORT SPECIFICATION WISHBONE KIT

Part No: ALS5C0087J

Comprising of all 8 wishbones these are fitted with high specification cross axis joints as opposed to OEM silent blocks, and allow improved stiffness, reduced friction and increased camber adjustment on the front over standard wishbones.



2 WAY ADJUSTABLE OHLINS DAMPER & SPRING CAR KIT

Part No: ALS5C0088J

These performance dampers from Ohlins are adjustable for low speed bump and rebound, and developed specifically for Evora race cars. Comprising of stiffer Eibach springs and motorsport specification mounts they offer the ability to fine tune the handling for the perfect set up.



FRONT ANTI ROLL BAR

Part No: ALS5C0089J

Developed by Lotus Racing and supplied with rubber mounts it offers increased stiffness to improve handling that works best in conjunction with Ohlins dampers and Lotus Racing wheel package.



REAR ANTI ROLL BAR

Part No: ALS5C0090J

Developed by Lotus Racing, and supplied with rubber mounts it offers increased stiffness to improve handling that works best in conjunction with Ohlins dampers and the Lotus Racing wheel package.



LOTUS RACING WHEEL PACKAGE

Part No: ALS5G0023J

Competition wheels manufactured by Rimstock are used as standard on the Evora GT4. These wheels are cast aluminium alloy to improve strength and reduce weight, and are available in black or silver.



FRONT AND REAR TOW STRAPS

Part No: ALS5A0185J

Front and rear straps are designed for recovery operations and are a requirement for track use. Supplied in bright red with the appropriate mount for fitting.

INTERIOR



KIT 3 INTERIOR

Part No: ALS5V0051J

The interior kit provides all the parts that develop your car for track use. Our primary concern for both you and your car is safety, and this kit comprises of a bolt in roll cage, Sparco racing seat on fixed runners, and a 6 point Hans compliant harness. For ultimate safety it also includes a fire extinguisher system and quick release Sparco racing steering wheel.

TOTAL INTERIOR KIT PRICE Ex VAT £5,750



FIA ROLL CAGE ASSEMBLY

Part No: ALS5A0186J

Full FIA specification T45 roll cage that includes fitting kit.



FIA APPROVED RACING SEAT & SEAT RUNNERS

Part No: ALS5V0052J

This high specification Sparco EVO seat has been developed for race use with a lightweight fibreglass shell.



6 POINT HANS COMPLIANT HARNESS

Part No: ALS5V0053J

Sparco six point Hans compliant and FIA approved seat harness, supplied with necessary fitting kit.



LIFE LINE ELECTRONIC FIRE EXTINGUISHER KIT

Part No: ALS5V0054J

Electrically operated fire extinguisher kit, with 4 nozzles.



SPARCO qUICK RELEASE STEERING WHEEL

Part No: ALS5V0055J

Sparco suede covered sports steering wheel supplied with quick release boss and hub mounting, for easy and quick removal.

POWERTRAIN



KIT 4 POWERTRAIN

Part No: ALS5E0145J

The powertrain kit develops the performance of your Lotus Evora by improving air flow via the fitting of a performance air filter, de-cat pipe, and sports exhaust and thus increasing performance. Further developments include the fitting of a baffled wet sump, and replacing the gear cables for the latest specification improved version.

TOTAL POWERTRAIN KIT PRICE Ex VAT £2,950



ENGINE UPGRADE KIT

Part No: ALS5E0146J

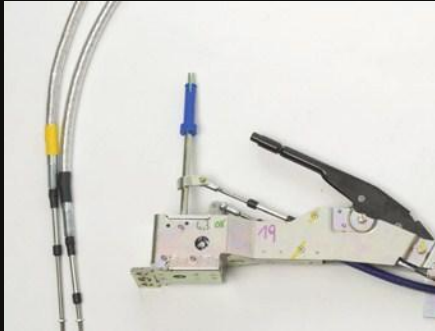
Comprising of a performance air filter, de-cat pipe and sports exhaust, this kit improves overall engine performance and response.



ALLOY BAFFLED WET SUMP KIT

Part No: ALS5E0147J

This kit replaces the existing sump and helps to maintain adequate engine oil pressure, critical for any circuit/track use.



LATEST SPECIFICATION GEAR CABLES

Part No: ALS5F0175J

For pre-2012 cars, this replaces the existing gear cables to bring them in line with the latest specification version. It is a lightweight, easy motion cable set to improve gearshift accuracy and feel.

MISCELLANEOUS



EVORA 'S' SUPERCHARGER
KIT

Part No: ALS5E0148J

Supercharger kit as fitted to Evora 'S' increases power from 276bhp to 345bhp, and 350Nm to 400Nm in engine torque.



PERFORMANCE BRAKE
PADS – PAGID RS14

Part No: ALS5J0140J

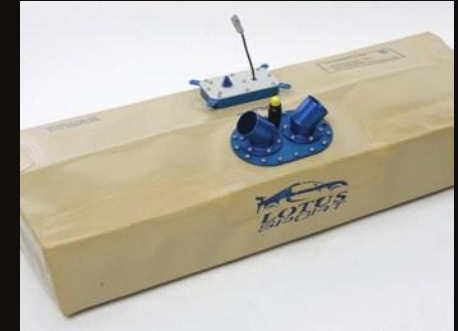
Pagid track pads with improved frictional coefficients for improved bite. Compound also improves fade resistance whilst maintaining good wear rate characteristics.



HIGH AMBIENT PWR
RADIATOR

Part No: ALS5K0064J

Double bypass 68mm radiator manufactured by PWR, offers improved cooling of engine temperature.



96L ATL FUEL CELL FIA
APPROVED

Part No: ALS5L0065J

96L FIA compliant bag tank. Foam filled, anti-surge tank with a twin fill dry break filler. Supplied with all necessary pipes and fittings.

Note: Maximum 5 year life plus replacement of side glass necessary for filler.



INTERIOR LIGHTWEIGHT DOOR CARDS

Part No: ALS5V0056J

Lightweight GRP door cards replace heavier OEM version.



ELECTRICALLY OPERATED KILL SWITCH KIT

Part No: ALS5M0225J**

FIA compliant kill switch allows for remote fitting in the cockpit for easy driver access, plus greater flexibility in location of external controls.

** Will require a fully qualified electrical engineer, preferably with previous electronic motorsport experience.





DISCLAIMER

The Lotus Evora is designed as a road going sports car. Lotus recognises that owners may wish to use their cars occasionally on closed circuit tracks to experience the car's full range of dynamic capabilities. However, use of these cars in a competitive manner, including timed runs or laps, is not endorsed by Lotus. This type of timed, competitive use will invalidate the vehicle warranty and requires appropriate levels of expert vehicle preparation and servicing.

Lotus recommends that all local speed laws are obeyed and safety belts are to be worn at all times.

Lotus recommends that vehicles are safety checked before and after any track activity.

All items are specified for TRACK USE ONLY. This equipment is intended for use on private property tracks only and is not suitable for use on the public highways. Use of the equipment on the public highway may constitute a criminal offence. Accordingly, the purchaser of the equipment and all users of the equipment must ensure that it is not used on any public highway. Customers are responsible for ensuring that their cars comply with all relevant road, track and or race regulations at all times.

Equipment which is intended for track use only carries NO Lotus warranty other than that required by law. The service life of these parts will be dependent upon driving style and type of activity. Fitting these parts will invalidate some aspects of your vehicle warranty. Details available on request. Customers are responsible for familiarising themselves with these details before ordering parts.

Genuine Lotus replacement parts and accessories, which are not intended for track use only, carry 12 month's parts warranty subject to the terms and conditions set out in the Owner's Handbook Warranty Statement. Brake discs, brake pads and clutch plates do not carry a warranty, other than that required by law.

Lotus Cars Limited cannot and does not accept any liability arising out of the use of the equipment other than in respect of death or personal injury caused by its negligence. The purchaser's statutory rights when dealing as a consumer are not affected.

Performance results may vary depending upon the specification of the particular vehicle, environmental conditions and driving style. Published figures should be used for comparison

purposes only and verification should not be attempted on public roads.

Items shown in this brochure are for illustrative purposes only. Actual colours and specifications may vary from those shown and current prices and availability should be checked. Lotus Racing reserves the right to discontinue items, change specifications and alter prices without prior notice at any time.

Some parts may require special order, and could therefore have variable lead-times to supply. All prices quoted exclude delivery charges and any import duties that may apply.

The previous general information applies equally to Lotus race cars in relation to race use. Customers are responsible for ensuring that their cars comply with all relevant track and race regulations at all times. **CARS THAT ARE INTENDED FOR TRACK USE ONLY, CARRY NO MANUFACTURER'S WARRANTY OTHER THAN THAT REQUIRED BY LAW.**

The Lotus race cars are intended for use on private property tracks only and are not suitable for use on the public highways. Their use on the public highway may constitute a criminal offence.

Use of any vehicle on track or in a competitive manner requires appropriate levels of expert vehicle preparation and servicing. Distributors and dealerships are not agents of Lotus and have absolutely no authority to bind Lotus by any express or implied undertaking or representation. Purchaser's statutory rights are not affected.



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