



LOTUS
SPORT

EXIGE

CUP 255



Lotus Sport Exige Cup 255





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The Lotus Sport Exige Cup 255 builds upon the success enjoyed by the Exige Cup 240 during the 2006 season. Based upon the road-going Exige S, the Exige Cup 255 is powered by a 1796 cc supercharged engine driving through a 6-speed close ratio C64 gearbox.

Bespoke performance enhancements designed exclusively by Lotus Sport raise power and torque levels substantially to offer a car with levels of handling and acceleration that are capable of taming Europe's most challenging race circuits.

Two-way adjustable Öhlins dampers with coil over springs and an adjustable front anti-roll bar provide the Exige Cup 255 with track-focused, adjustable handling to enable every driver to get the most out of their car.



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The Lotus Sport Exige Cup 255 features the following upgrades over the Exige Cup 240.

All have been developed by Lotus Sport skilled engineers to provide the most dramatic on-track experience possible.

- Power increase to 255 PS
- Upgraded airbox and filter
- Upgraded roof scoop
- Upgraded air-to-air charge cooler
- Upgraded fuel pump
- Four-piston, two-piece front brake calipers, with 308 mm front discs and 288 mm rear discs
- Level 2 sports exhaust with de-cat pipe (track only option)

A power increase to 255 PS is achieved by a number of substantial revisions to the vehicle. A larger roof air intake ensures the intercooler is supplied with an increased volume of air, whilst the revised air box ensures this reaches the combustion chamber with the least possible disturbance.



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An all-new two-row 50 mm intercooler means air reaches the engine in a cooled, denser state improving combustion within the chamber and ultimately increasing the power and torque output of the engine.

Lotus Sport engineers have also revised the fuel system by incorporating a redesigned fuel pump, thus ensuring maximum power output of 255 PS at maximum engine revs.

The four-piston, two-piece front calipers combined with a 308 mm front disc ensure the Exige

Cup 255 has the stopping ability to match the savage acceleration generated by the new 255 PS engine. Combined with Brembo single-piston sliding rear calipers and 288 mm rear discs, you can be assured of many an overtaking opportunity whilst on the brakes!



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Engine

2ZZ-GE engine, Metal Matrix Composite (MMC) & aluminium lightweight and compact construction. Chain driven Double Over-Head Camshafts (DOHC) exploiting a Variable Valve Timing & Lift - intelligent (VVTL-i) system. Lotus T4e engine management system, multi-point sequential fuel injection, electronic ignition and electronic throttle control. Lotus developed supercharger installation including intake manifold, plenum and induction system, and air to air intercooler.

Transmission

C64 manual transaxle, aluminium lightweight construction
6-speed, close ratio, constant mesh helical gears and open differential
TRD Up-rated Clutch and Cover
Torque-sensing limited slip differential (LSD)



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Suspension

Fully independent suspension utilising unequal length wishbones
Öhlins 2-way adjustable dampers with remote reservoirs and coil over springs
Adjustable front anti-roll bar
Rear double sheer track control arm brace
Adjustable ride height

Braking System

Servo-assisted, track tuned 4-channel Anti-lock Braking System (ABS)
Two-piece radially mounted, four-piston front calipers
308 mm two-piece aluminium belled cross-drilled front discs
Up-rated Pagid RS14 front and rear pads
Goodridge stainless steel braided hoses

Wheels/Tyres

Y-Type 8-Spoke lightweight alloy wheels in Hi-Power silver
Yokohama Advan A048 LTS tyres
Front: 195/50 6.5J R16
Rear: 225/45 7.5J R17



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General Information*

Enlarged roof scoop

6-point roll-cage (FIA approved)

Sports seats

4-point driver and passenger harnesses

Mechanical ignition kill switch (cockpit and external switch location)

Electronic fire extinguisher system (cockpit and external switch location)

Oil Accusump™

Servicing Information

Different service procedures apply for this vehicle



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Road Options

Air conditioning¹

Lotus Sport limited slip differential (LSD) – plate type

Metallic paint

Lifestyle paint

Track Options**

70 litre fuel cell (FIA Approved)

C64 6-speed gearbox with dog engagement and revised gear ratios

1.5-way adjustable plate-type limited slip differential

De-cat pipe

Level 2 stainless steel sports exhaust – 104.0 dB(A)

Hi-Power silver 5-spoke ultra lightweight forged alloy wheels

Yokohama A005 racing slick tyres

Race specification battery with battery tray

Black race seat – driver only (FIA Approved)

Black 6-point harnesses – driver only (FIA Approved)



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The Small Print

*Lotus Sport Exige Cup 255 is not road legal in all markets.

**Special conditions apply to these products and are for track use only.

Customers should confirm requirements prior to order.

Each customer is responsible for their car to fully comply with the respective race regulations. Lotus reserves the right to change or amend specification and options at any time. All specifications and options are correct at time of file creation. ¹Air conditioning is standard fit in some international markets.

Terms and conditions apply. The vehicle is NOT covered by the standard manufacturer's warranty.

Further Information

For more information please click below:

[Lotus Sport](#)

[Lotus Cars](#)

[Lotus Engineering](#)



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