

ESPRIT X180R



Full Race Specification

ENGINE: four cylinder in-line 2,174cc mid-mounted for valves per cylinder dohc Lotus-GM electronic multi-point port fuel injection, chargecooler, Garrett TB03 turbocharger delivers 1 bar (14.2psi) max boost

PEAK POWER, bhp/rpm 300/6,800

PEAK TORQUE, lb ft/rpm 310/4,800

CLAIMED KERB WEIGHT, lb 2,600

TRANSMISSION: five-speed transaxle gearbox, based on Renault 25's driving rear wheels through a ZF limited slip differential. Rear longitudinally-mounted

CHASSIS:

BODY, lightweight panels for Esprit VARI glassfibre body

SUSPENSION, front/rear upper and lower wishbones (reinforced), standard anti-roll bar, revalved standard Monroe dampers, 40 per cent spring rate increase/upper and lower transverse arms, box section trailing arms (reinforced), Monroe dampers, spring rates raised 20 per cent

STEERING: stiffer mounts for standard rack and pinion

BRAKES, front/rear ventilated ex-Omega/Carlton discs front and rear, electronic anti-lock available for racing

WHEELS/TYRES: Revolution aluminum-alloy 3-piece 8.5x16in (f) and 10x17in (r)/Goodyear Eagle GS-CS 245/45 ZR16 and 315/35 ZR17

The dramatic Lotus Esprit X180R racecar shown overleaf competes in the prestigious American nationwide Bridgestone Supercar Championship. The Lotus Sport-entered car is driven by the experienced Doc Bundy, and is one of a four-car team which also features actor Paul Newman among the driver line-up. In 1992 the team faced strong factory-backed opposition from the likes of Porsche, Mazda and Chevrolet.

It is closely based on the [Lotus Esprit SE](#) roadcar which is available in North America. The Formula One-inspired chassis offers outstanding handling, grip and braking in true Lotus tradition, while the 2.2 litre chargecooled engine produces over 330bhp with strong low-down torque - ideal for the road-race circuits of the IMSA-run series.

Similar cars compete in Holland and Belgium, with a 2-litre version being campaigned in Italy, and plans for next season's motorsport both in Europe and North America are already well developed. This programme has definitely and visibly benefited the road cars. For example, the '92 Lotus Esprit incorporates aerodynamics and interior improvements developed for the race cars, while other enhancements will no doubt be included in the future. The competition work has also demonstrated the inherent durability of the road car, despite the considerable additional 'on the limit' demands of the race circuits.

Lotus re-entered sports car racing in the USA three years ago, immediately establishing new, performance levels in the competitions. The 1992 LotusSport team comprises four cars, which includes actor Paul Newman and British rising star Andy Pilgrim among the driver line-up.

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USA Limited Edition Road car
Base on the X180R Racecar

This is the one Lotus that was US only, the 1991 Type 105 - x180R.
Only 20 made this is number 5. Full roll cage, blueprinted head, engine , tranny, limited slip,
lower race dampened shocks,AP Racing brakes,...etc,
about 70 differences over the standard SE's.

