



# **BOWLER**

## **DEFENDER CHALLENGE**

### **2022 CHAMPIONSHIP**

**WELCOME TO THE 2022 BOWLER DEFENDER CHALLENGE, A SERIES DESIGNED TO DELIVER ADRENALIN, EXCITEMENT, DRIVER-DEVELOPMENT AND TRAINING OPPORTUNITIES WITHIN A TIGHT-KNIT ONE-MAKE MOTORSPORT FAMILY.**

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# INTRODUCING THE 2022 BOWLER DEFENDER CHALLENGE

The Bowler Defender Challenge will see 12 cars, crewed by driver and navigator, compete over 7 UK-based rally rounds. The events will be a mix of hill rallies, gravel rallies and forest competitions. The first event on the calendar will be an exclusive Bowler-only competition, with the remaining championship rounds taking part alongside existing events such as the Welsh Hill Rally in May and the Cambrian Rally in October. The entire series is open to veteran competitors and those with little or no experience. For those new to the sport, or wishing to develop their capabilities, Bowler are able to provide full training and support packages – including training to achieve the required licence and navigational skills.


Originally created in 2014 the Bowler Defender Challenge is built on delivering an environment that fosters the development of driving and competition skills yet retains a real family atmosphere. For each round there will be a full Bowler support team, with dedicated service areas. A hospitality area will help drivers and teams make the most of downtime and attend briefings throughout the events. The Challenge will enjoy full coverage through national and Bowler media channels.

**Draft regulations available upon request. The full calendar for the Bowler Defender Challenge 2022 Championship will be published in September 2021.**





# THE BOWLER DEFENDER CHALLENGE CAR



Each Bowler Defender Challenge is completely stripped back to install a full FIA-standard roll cage. The front and rear subframes are modified and given additional bracing for a new bespoke performance suspension set-up. Designed in collaboration with Fox, it increases the ride height by 25mm. This purposeful stance is enhanced by new Bowler rally-spec 18-inch wheels.

Bowler's engineers have provided a suite of electronic components, from fire protection and electrical cut-offs to additional lighting and vehicle control systems – all fully integrated into the existing electrical architecture. Competition race seats are installed, and the gear selector is repositioned for the optimal racing position. Bowler-developed column-mounted paddle shifts complete the transition.

During the conversion Bowler subtly modify and stiffen the already extraordinarily rigid Defender bodyshell to cope with the extreme conditions of off-road competition.

The standard doors are trimmed to remove the sill covering section, which allows the fitment of full-length, side-to-side underbody protection panels. A modified front end increases airflow to the cooling system and houses additional race-level lighting, while a new roof spoiler houses additional rear lighting.



## THE 2022 BOWLER DEFENDER CHALLENGE PACKAGE

Entry into the 2022 Bowler Defender Challenge costs £99,500 incl. VAT.

### THE PACKAGE INCLUDES:

Land Rover Defender 90 base car

Bowler post-registration conversation to Bowler Defender Challenge specification

Delivery to the first round of the Bowler Defender Challenge 2022 Championship

Entry into all 7 rounds of the Bowler Defender 2022 Championship

Full access into the Bowler pit area at each round with support from Bowler team as required

Ownership of the vehicle is transferred fully to the customer. Following delivery at the first round the customer is able to manage their own logistics, storage and maintenance, or can simply take advantage of our extended support package for the season. Once the season is complete the vehicle remains the property of the customer and can be used to enter Bowler Defender Challenges for the following years on an entry-only package.

## ADDITIONAL PACKAGES AVAILABLE

In order to make the Bowler Defender Challenge 2022 Championship as accessible as possible for all levels of skill and experience we are pleased to offer a number of additional packages

### DRIVER DEVELOPMENT – FROM £2,500 PLUS VAT

Bowler provides its customers with competition racing events, to provide them with the driving skills and technical competition knowledge necessary to undertake international rally raid events. We can support your journey with training, support and development by providing full training from licence qualification through to ongoing driver development. Each package will be tailored to meet your specific requirements.

### NAVIGATOR TRAINING – FROM £2,500 PLUS VAT

Rallying happens at pace and with passion – always under complete control. This is not just true for the driver, but also for the navigator, who is responsible for the car successfully completing each stage. If you have never read a road book are looking to be clear, concise and accurate at speed and under pressure, Bowler are able to provide full navigator training. Working with some of the most skilled navigators in the hill rally and rally raid sectors we are able to support complete novices or those seeking to improve on their existing experience.

### FULL SEASON SUPPORT - £15,000 PLUS VAT

Bowler are able to provide a full season support package that can make your Bowler Defender Challenge 2022 Championship as simple as turn up and compete. With full logistics, vehicle clean, an extensive post event inspection and rectification where necessary (subject to additional parts and labour costs) your vehicle will be transported to and from each round, prepared in the Bowler workshops and delivered to each round ready to race.

Any repair costs will be agreed in advance and will be invoiced in addition to the package fee.



# BOWLER DEFENDER CHALLENGE CAR SPECIFICATION

**BASE CAR:  
LAND ROVER  
DEFENDER 90  
300PS 2.0 TURBO  
8 SPEED AUTOMATIC  
TRANSMISSION**



## BOWLER DEFENDER CHALLENGE CONVERSION:

### STRUCTURAL BODY AND CHASSIS:

- Monocoque bracing – minimises body movement and supports underbody protection
- Full internal roll cage integrated with body and linking suspension mounts
- Internal spare wheel mount integrated to roll cage
- Additional front recovery points
- Rally-spec gearbox cross member
- Stiffened gearbox mounts
- Strengthened engine mounts
- Braced front and rear subframes
- Front suspension turret brace
- Rear turret brace
- Strengthened radiator mounts
- Adapted chassis and subframe mounts

### PERFORMANCE:

- Cooling – auxiliary radiators removed and system redesigned to increase airflow to main radiator
- Increased transmission cooling capacity
- Bowler Sports exhaust system
- Bowler 18” wheels with increased strength
- All-terrain tyres
- Bespoke suspension design with modified subframes, new springs for increased stiffness
- Bespoke Fox dampers
- Side air intake covers
- High level air intake
- Front upper wishbone revised to reflect new ride height geometry

### ELECTRICAL/SYSTEMS

- ECU system integration with race box
- ABS/DSC – rally control modifications
- New integrated wiring harness for new components
- New rally-spec facia
- Navigator control unit for lights/washer/horn
- Rally system integration with JLR safety systems
- Adapted body control unit

### REGULATORY

- High-level rear marker lights
- Alpine, door and rear windows replaced with polycarbonate
- Race sports seats with specific race seat mounts
- 6-point race harness
- Integrated and hand-held fire suppression
- Electrical cut-off switches – internal and external
- Complete removal of all airbag systems

### DESIGN

- Front bumper adapted to take new underbody protection
- Bowler front grille with increased air flow
- Rear roof spoiler with extended profile and integrated additional reversing light
- Wheel arch extensions utilising accessory fitment
- Door lowers – protection pieces on shortened doors

### RALLY FUNCTION

- Additional bonnet-mounted windscreen washers – to deal with rally levels of water splash
- Front driving lights for increased night driving illumination
- Rally-spec mudflaps
- Full underbody protection system
- New gear shift position – optimised to sports seats
- Column-mounted gear shift paddles – unique to Bowler



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[bowlermotors.com](http://bowlermotors.com)