

# **BENTLEY DRIVERS CLUB**



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## **RACE AND SPRINT TROPHY RULES**

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**Effective: June 6<sup>th</sup> 2018**

All Trophies mentioned herein are Challenge Trophies  
and therefore cannot be won outright

PLEASE RETAIN FOR REFERENCE

## INTRODUCTION

It is five years since the definition of a Competition Bentley has been revised and republished. The 2013 and previous Rules have applied to both speed events and non-speed events. The Competitions Committee is responsible only for Race and Sprint events, and now feel that those events will benefit from a slightly new structure, which has no relevance to Concours. Therefore these revised Rules shall apply to such events, as from 6<sup>th</sup> June 2018, and the word 'competition(s)' herein refers only to such events. Concours and other Trophies will continue to be governed by the 2013 Challenge Trophy Rules until further notice.

The esteem of the Marque has been created from the competition successes of the almost standard factory produced Bentley motor car.

This document is produced and published to define what modifications from standard are acceptable to the Bentley Drivers Club. However, it must be emphasised that all modifications should be undertaken in the 'Spirit of the Marque'. All decisions as to eligibility are at the discretion of the Competitions Committee. Members should consult the Competitions Captain/Competitions Committee if in any doubt on any fact for advice and approval before actually undertaking any work.

All work should be of the highest standard commensurate with the name Bentley and the esteem of the Bentley Drivers Club.

The Committee has now produced definitions, applicable to racing and sprints only, for:

### **BDC GROUP A**

Competition Vintage Bentley.

Competition Derby Bentley (including Mk. V).

Competition Crewe Bentley (Mk. VI, R Type, S Type ).

### **BDC GROUP B**

Competition Crewe Bentley (non-compliant Mk.VI, R, S + T Type specials).

### **BDC GROUP C**

All other Crewe Bentleys

Members who wish to compete and be eligible for awards and Challenge Trophies must have Bentleys which comply with these definitions. Non-complying cars may be permitted to compete at the discretion of the Competitions Committee, each case being considered individually by the Competitions Committee.

THE COMMITTEE MAY NOT ALLOW TECHNOLOGY INAPPROPRIATE TO THE PERIOD.

WITH RESPECT TO SILENCING, REGARD MUST BE GIVEN TO THE LEVELS OF MANDATORY SILENCING PUBLISHED BY THE MSA ANNUALLY.

ALL RADIATOR SHELLS MUST BE BENTLEY, ALTHOUGH THEY MAY BE MODIFIED AS REGARDS HEIGHT AND DEPTH OF CORE.

### **BDC GROUP A**

#### **DEFINITION OF A COMPETITION 'VINTAGE BENTLEY'**

In competitions a car will not be regarded as a Vintage Bentley unless it meets the following requirements:

The Competitions Committee requires a Vintage Bentley to be allocated a registration number in accordance with the criteria adopted by the B.D.C. Vintage Eligibility Committee. The description 'Vintage Bentley' used below means 'of the same or similar pattern supplied or fitted by the original makers of the car, i.e. Bentley Motors Ltd., Cricklewood, NW2':

#### **ENGINE**

The cylinder block, crankcase and sump must be Vintage Bentley. Modifications to alter compression ratio and gas flow are permitted. Dry sump modifications are allowed.

There is no restriction on the make or type of crankshaft, flywheel, clutch, connecting rods, pistons, valves and their operation mechanism, inlet and ignition systems. It is preferred that exhaust systems be wholly located within the bonnet area, and beneath the chassis of the car. However, cars with exhaust systems not so placed will be permitted. Superchargers are permitted. Over-bored blocks are permitted but will only be eligible for capacity- defined trophies appropriate to actual engine capacity.

### **CHASSIS FRAME**

This must be Vintage Bentley. Modifications to improve stiffness or to alter length or weight are allowed.

### **AXLES**

The front axle beam and stub-axles, and the rear axle casing, differential and gears must be Vintage Bentley. The front axle beam must not be divided.

Brake-drums, brake-shoes, back plates and brake operating mechanism are preferred to be Bentley. However, non-standard drum and brake shoes, hydraulic brake systems and torque stays are permitted. Disc brakes and limited slip differentials are not permitted.

### **SUSPENSION**

The springs must be the same or similar to the type as originally fitted to the model concerned. Coil springs may not be substituted for leaf springs.

### **GEARBOX**

This must be Vintage Bentley. A to F boxes must not use constant mesh internals or dog engagements.

### **BENTLEYS COMPLYING**

The following Bentleys are considered as complying with the above definition:

Any Brooklands competition Bentley in its original Brooklands specification is deemed to conform

All 3/8 Litres, provided they comply with the above general headings

Bentley Napier

George Burton 3/4 1/2 (NPA 83)

Jumbo Goddard Turbo 3/8

### **NON COMPLIANCE**

Models failing to comply with the above definition will not be eligible for awards at B.D.C. organised competition events, except as referred to in the Introduction.

## **DEFINITION OF A COMPETITION 'DERBY BENTLEY'**

In competitions, a car will not be regarded as a 'Derby Bentley' unless it meets the following requirements:

The description 'Derby Bentley' used below means 'of the same or similar pattern as supplied or fitted by the original makers, Bentley Motors (1931) Ltd. at their works in Derby'.

### **ENGINE**

The cylinder block, crankcase and sump must be Derby Bentley - modifications to alter compression ratio and gas flow are permitted. Dry sump modifications allowed.

There is no restriction on the make or type of crankshaft, flywheel, clutch, connecting rods, pistons, valves and their operation mechanism, inlet and ignition systems. It is preferred that exhaust systems be wholly located within the bonnet area, and beneath the chassis of the car. However, cars with exhaust systems not so placed will be permitted.

Examples of inappropriate technology are electronic fuelling and ignition and the use of toothed driving belts.

Superchargers are permitted.

## **CHASSIS FRAME**

This must be Derby Bentley. Modifications to improve stiffness or to alter length or weight are allowed.

For Mk. V Derby read as for Mk. VI.

## **AXLES**

The front axle beam, stub-axles and rear axle must be Derby Bentley, or similar pattern live axle, but torque stays or anti-tramp bars may be fitted, substitution of diff allowed. The front axle beam must not be divided. Disc brakes and limited slip differentials are not permitted.

For Mk. V Derby read as for Mk. VI.

## **SUSPENSION**

The springs must be of the same or similar to the type as originally fitted to the model concerned. For example, coil springs may not be substituted for leaf springs.

For Mk V read as for Mk. VI, rear dampers must be of pre-war design. No 5-point linkage allowed.

## **GEARBOX**

This must be Derby Bentley.

## **BODYWORK AND PRESENTATION**

Cars must be presented for competition in a manner that does credit to the Marque and the Club. Closed bodywork may be modified to open bodywork but it must be completed in a roadworthy and workmanlike manner.

## **BENTLEYS COMPLYING**

The following cars are considered as complying with the above definition:

Avon Bentley - B. Summerfield

Bentley Royce – R J Dowle

## **NON COMPLIANCE**

Models failing to comply with the above definition will not be eligible for awards at B.D.C. organised competition events, except as referred to in the Introduction.

## **DEFINITION OF A COMPETITION 'CREWE BENTLEY'**

The description 'Crewe Bentley' means of the same or similar/pattern as Post-War cars supplied by Bentley Motors (1931) Ltd., Rolls-Royce Ltd., Rolls-Royce Motor Cars Ltd., Crewe; and Bentley Motors Limited, Crewe.

## **MkVI, R and S Types**

### **GENERAL**

Mk. VI, R or 'S' Type steering boxes may be used .

No rear engines .

No wings, aerodynamic aids or 'ground-effect' modifications.

All work to be of the highest standard commensurate with the name of Bentley and the esteem of the B.D.C.

### **CHASSIS**

Length and wheelbase - no restriction. Lightening allowed. Front cross members to be retained and fitted as original-lightening allowed. Cruciform optional.

### **SUSPENSION**

Front - top wishbone and damper units as original Bentley. Lower - wishbones, radius arms original attachment geometry, lightening allowed. Springs must be coil.

Rear - leaf springs with original rearmost shackles. Any type dampers and 5-point linkage allowed. S Types may be changed to outboard mountings

**AXLE**

Must be live - I.R.S. **not** allowed.

**BRAKES**

System may be fully hydraulic.

2018 no restriction

2019 Drums or solid discs allowed with 2-pot calipers only.

**WHEELS**

Minimum rim diameter 15"

Maximum rim width 7.5"

**TYRES**

No slicks, semi-slicks, or wets. Must be L section racing or road tyres (as in MSA List 1A) with a maximum tread width of 5.7" (as 650L-15).

**ENGINE**

Must be production Crewe Bentley 6 cylinder or V8. No restriction on carbs, no superchargers turbochargers or fuel injection. No restriction on the source of manufacture of valves and valve gear, camshafts, pistons, con rods, cranks or sumps, but must be of a similar type. O.H.C. not allowed.

**CLUTCH AND FLYWHEEL ASSEMBLIES**

Free choice.

**GEARBOX**

Mk. VI or Continental Manual or Turbo-Hydromatic, G.M. TH400, TH700 Autos. New gears and other internals may be replaced provided the original case is retained.

**BDC GROUP B**

Mk.VI, R & S Types not complying with Group A and T Type specials not using original monocoque.

Specifications as for GROUP A, except:-

**WHEELS & TYRES** - Free choice of sizes, but no slicks, semi-slicks, or wets. M section or equivalent road/race with maximum tread width of 8"

**BRAKES** - ventilated discs and four-pot calipers allowed

T Type specials not using original monocoque:-

**CHASSIS AND SUSPENSION**

Front - the standard front sub-frame must be used. The original mounting arms may be removed and lightening modification carried out. Standard wishbone assemblies or compliance levers (later design) to be used. Dampers and coil spring type optional.

Rear - main cross member and its trailing arm suspension must be used, lightening allowed.

Chassis centre section to be well designed and of either space frame, large diameter tubular ladder or monocoque construction, to correctly attach both front and rear sub-frames and diff unit.

**DIFF UNIT**

The original diff unit may be changed for another of similar design. Drive shafts, type optional.

**ENGINE**

As GROUP A

**BDC GROUP C**

Mk.VI, R & S Types not complying with Group A or B, T.1, and later models.

**CHASSIS AND SUSPENSION**

Front - the standard front sub-frame must be used. The original mounting arms may be removed and lightening modification carried out. Standard wishbone assemblies or compliance levers (later design) to be used. Dampers and coil spring type optional.  
Rear - main cross member and its trailing arm suspension must be used, lightening allowed.  
T Type specials chassis as BDC GROUP B

**DIFF UNIT**

The original diff unit may be changed for another of similar design. Drive shafts, type optional.

**ENGINE**

Any production Crewe Bentley 6 cylinder, V8, or W12

No restriction on induction systems

**CLUTCH AND FLYWHEEL ASSEMBLIES**

Free choice.

**GEARBOX**

As for Mk.VI plus W12

**STEERING**

Either Crewe Bentley box or rack and pinion.

**WHEELS & TYRES**

No restriction

**AERODYNAMICS**

No restriction

**DEFINITION OF "ROADWORTHY"**

For the purposes of the Race & Sprint Trophy Rules, 'road worthy' shall be interpreted as meaning:-

"The car shall conform to the requirements of the Road Traffic Acts and be fitted with a passenger seat. However, where a car is deemed by law to have been manufactured after 13 February 1973 and is consequently unable to comply with The Motor Vehicles (Construction and Use) Regulations 1973 No. 254 (DOE 10128), the details of the car or proposed car may be submitted to the Competitions Captain, who, at the request of the owner, will, together with the Competitions Committee, rule as to the car's eligibility within the Challenge Trophy Rules for the ensuing season."

# **TROPHIES FOR COMPETITIVE SPEED EVENTS**

## **W.O. BENTLEY CHALLENGE TROPHY (VINTAGE BENTLEYS)**

Awarded to the winner achieving the lowest combined aggregate of placings in the **BDC Scratch Race**, the **BDC Handicap Race** and the **BDC Sprint**. To win, the driver must compete in the same car in all three competitions.

## **DERBY BOWL TROPHY (DERBY BENTLEYS)**

Awarded to the winner achieving the lowest combined aggregate of placings in the **BDC Scratch Race**, the **BDC Handicap Race** and the **BDC Sprint**. To win, the driver must compete in the same car in all three competitions.

## **ROLLS-ROYCE CHALLENGE TROPHY (CREWE BENTLEYS)**

Awarded to the winner achieving the lowest combined aggregate of placings in the **BDC Scratch Race**, the **BDC Handicap Race** and the **BDC Sprint**. To win, the driver must compete in the same car in all three competitions.

## **SILVERSTONE TROPHIES**

### **TIMES CHALLENGE TROPHY**

Awarded to the 1<sup>st</sup> Overall Group A Bentley in the **BDC Scratch Race**.

### **BOB GOODA TROPHY**

Awarded to the 1st Overall Group B Bentley in the **BDC Scratch Race**.

### **BDC OPEN TROPHY**

Awarded to the 1st Bentley in the **BDC Open Race**.

### **JACK BARCLAY MEMORIAL TROPHY**

Awarded to the 1<sup>st</sup> Vintage Bentley in the **BDC Scratch Race**.

### **GREGORY CHALLENGE TROPHY**

Awarded to the 1<sup>st</sup> Derby Bentley in the **BDC Scratch Race**.

### **RIVERS-FLETCHER CHALLENGE TROPHY**

Awarded to the 1<sup>st</sup> Vintage 3 Litre in the **BDC Scratch Race**.

### **MOUNTFORD TROPHY**

Awarded to the 1<sup>st</sup> Vintage 4½ Litre Bentley in the **BDC Scratch Race**.

### **BOB BRADLEY TROPHY**

Awarded to the 1<sup>st</sup> Crewe 6 Cylinder Bentley in the **BDC Scratch Race**

### **GERALD CROZIER MEMORIAL TROPHY**

Awarded to the 1<sup>st</sup> Crewe V8 or W12 Bentley in the **BDC Scratch Race**.

### **MIKE BRADLEY TROPHY**

Awarded to the 1<sup>st</sup> Overall Bentley in the **BDC Handicap Race**.

### **TIM BIRKIN TROPHY**

Awarded to the 1<sup>st</sup> Vintage Bentley in the **BDC Handicap Race**.

**THE DERBY CREWE CHALLENGE TROPHY**

Awarded to the 1<sup>st</sup> Derby or Crewe Bentley in the **BDC Handicap Race**.

**PACE TROPHY**

Awarded for the Best Improvement over Handicap in the **BDC Handicap Race**

**GORDON ALEXANDER MEMORIAL TROPHY**

Awarded to the 1<sup>st</sup> Vintage Bentley in the combined **BDC Scratch and Handicap Races**.

**DERBY BENTLEY TROPHY**

Awarded to the 1<sup>st</sup> Derby Bentley in the combined **BDC Scratch and Handicap Races**.

**CORNICHE TROPHY**

Awarded to the 1<sup>st</sup> Crewe Bentley in the combined **BDC Scratch and Handicap Races**.

**LAGONDA TROPHY**

Awarded to the driver of the Fastest Lap by any Bentley at **BDC Silverstone Race Meeting**.

**SPRINT TROPHIES**

**SICKELMORE TROPHY**

Awarded to the 1<sup>st</sup> Overall Bentley at the **BDC Sprint event**.

**KESTON PELMORE MEMORIAL TROPHY**

Awarded to the 1<sup>st</sup> vintage Bentley at the **BDC Sprint event**.

**McKENZIE MEMORIAL TROPHY**

Awarded to the 1<sup>st</sup> Derby Bentley at the **BDC Sprint event**.

**JACK BARCLAY SPRINT TROPHY**

Awarded to the 1<sup>st</sup> Crewe Bentley at the **BDC Sprint event**.

**NOMINATED EVENT TROPHIES**

**THE WEATHERITT TROPHY**

Awarded to the 1<sup>st</sup> Vintage Bentley in the **BDC Nominated Hillclimb event**.

**DAVID GREIG MEMORIAL TROPHY**

Awarded to the 1<sup>st</sup> Derby Bentley in the **BDC Nominated Hillclimb event**.

**CHRISTOPHER TOMKINSON MEMORIAL TROPHY**

Awarded to the 1<sup>st</sup> Crewe Bentley in the **BDC Nominated Hillclimb event**.

**FOTHERINGHAM TROPHY**

Awarded to the member of the **Eastern Region** who puts up the best performance in the **B.D.C. nominated Hillclimb event**.

**TEAL TROPHY**

Awarded to the 1<sup>st</sup> Bentley in the **Boness Hillclimb event**.

**ESSO TROPHY**

Awarded to the 1<sup>st</sup> Pre-War in the **Boness Hillclimb event**.



### **ANTWERP MOTOR UNION**

Awarded to the 1<sup>st</sup> Bentley in the **Brighton Speed Trial event.**

### **CON MERTENS TROPHY**

Awarded to the 1<sup>st</sup> Pre-War Bentley in the **Brighton Speed Trial Event.**

### **COLLETT-JONES TROPHY**

Awarded to the highest placed Bentley in the **BDC Nominated Driving Test event.**

### **EASTBOURNE TROPHY**

Awarded to the highest placed Bentley in the **BDC Nominated Rally event.**

### **MERIT TROPHIES**

#### **D. M. EASTICK MEMORIAL TROPHY**

Awarded to, in the opinion of the Competitions Committee, the **Most Deserving Competitor.**

#### **HARRY ROSE TROPHY**

Awarded to, in the opinion of the Competitions Committee, the **Best Young Driver.**

#### **SEALINK TROPHY**

Awarded to, in the opinion of the Competitions Committee, the **Best Lady Driver.**

#### **FRANK CLEMENT MEMORIAL TROPHY**

Awarded to, in the opinion of the Competitions Committee, the **BDC Racing Driver of the Year.**

#### **STAN TERRY MARSHALS AWARD**

Presented annually to the **Marshal**, who in the opinion of the Committee, is most deserving.