



## **Service Bulletins**

**Bentley Mk VI**  
**Bentley 'R' Type**

**Printed and Published by  
Rolls-Royce Motor Cars Limited  
Crewe Cheshire  
CW1 3PL England**

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MODEL BENTLEY MARK VI

CURRENT MODELS.

In order to bring to your notice quickly any important item of information in connection with the servicing of current models, it is proposed to issue a series of Service Bulletins in this form to all Retailers. Any action necessary on the part of Retailers will be instructed from time to time. It is hoped by this means to keep Retailers fully informed of items of special interest where the successful running and maintenance of the car is affected.

A comprehensive Workshop Manual dealing with these cars is in course of preparation, and it is hoped to issue this shortly in loose leaf form. When this manual is available, the Service Bulletins issued from time to time should be filed at the end of the appropriate section in the Workshop Manual.

Additional copies of any Bulletins may be had on request.

BENTLEY MARK VI

Service Bulletins.ACTION ON MODIFICATIONS.

It has become apparent, following the issue of a number of Service Bulletins on Bentley Mark VI Cars, that a more positive method of defining the urgency of modifications is necessary.

In those Bulletins issued to date, we have endeavoured to indicate the status of a modification by giving appropriate instructions within the context.

It is now considered that this may lead to ambiguity and we therefore propose to institute a scheme for applying a number to each modification to establish the category.

These numbers are as follows:-

- Category 1. Urgent modifications or instructions requiring immediate retrospective action.
- Category 2. Modifications to be incorporated at a convenient time, e.g., when cars come in for servicing.
- Category 3a. Modifications which only require action in the case of an owner's request or complaint.

Retrospective action for Category 1 and 2 modifications is taken during production of cars at the factory at the same time as information is issued to Retailers. Category 3a, modifications on which there is a lower degree of urgency, are also incorporated at the factory but action is not taken on cars in the final stages of assembly if this would involve undue delay in delivery, as, for instance in the case of material shortage. Such modifications need therefore only be introduced when an owner's request or complaint makes them necessary.

These categories, together with the title "Modification", will be applied to all future issues.

Bulletins issued for information only, will not carry this title but will be headed "For Information". Those already issued, should have a category number applied as follows:-

<u>Bentley - Bulletin No.</u>	<u>Category.</u>
BB.1	For Information.
BB.2	" "
BB.3	3a
BB.3a	3a
BB.4	2
BB.7	2
BB.9	2
BB.10	2
BB.11	1
BB.12	2
BB.13	1
BB.5	3a
BB.6	3a
BB.8	For information.



MODEL BENTLEY MARK VI

FOR INFORMATION:CHASSIS SERIES AND NUMBERSFOR POST WAR CARS.

To facilitate the identification of chassis numbers in relation to modifications, the chassis series in sequence and number of chassis in each series is set out below.

This Bulletin supersedes the previous issue dated 29.11.54, which should be destroyed.

<u>SERIES.</u>	<u>CHASSIS NUMBERS.</u>	<u>REMARKS.</u>
A	B-2-AK to B-254-AK B-1-AJ to B-247-AJ	Even Numbers Only. Odd " "
B	B-2-BH to B-400-BH B-1-BG to B-401-BG	Even Numbers Only. Odd " "
C	B-2-CF to B-500-CF B-1-CD to B-501-CD	Even Numbers Only. Odd " "
D	B-2-DA to B-500-DA B-1-DZ to B-501-DZ	Even Numbers Only. Odd " "
E	B-2-EY to B-500-EY B-1-EW to B-501-EW	Even Numbers Only. Odd " "
F	B-2-FV to B-500-FV B-1-FU to B-601-FU	Even Numbers Only. Odd " "
G	B-1-GT to B-401-GT	Odd Numbers Only.
H	B-2-HR to B-250-HR B-1-HP to B-251-HP	Even Numbers Only. Odd " "
J	B-2-JO to B-250-JO B-1-JN to B-251-JN	Even Numbers Only. Odd " "
K	B-2-KM to B-200-KM B-1-KL to B-201-KL	Even Numbers Only. Odd " "
L	B-2-LJ to B-400-LJ B-1-LH to B-401-LH	Even Numbers Only. Odd " "
M	B-2-MD to B-400-MD B-1-MB to B-401-MB	Even Numbers Only. Odd " "

(Cont'd)

FOR FURTHER INFORMATION, PLEASE ADDRESS TO  
BENTLEY MOTORS (UK) LTD. SERVICE STATION, 11 THE ROAD, WILLESDEN, LONDON, W.3



MODEL BENTLEY MARK VI

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<u>SERIES.</u>	<u>CHASSIS NUMBERS.</u>	<u>REMARKS.</u>
N	B-2-NZ to B-500-NZ B-1-NY to B-501-NY	Even Numbers Only. Odd " "
P	B-2-FV to B-300-FV B-1-FU to B-301-FU	Even Numbers Only. Odd " "
R	B-2-RT to B-120-RT B-1-RS to B-121-RS	Even Numbers Only. Odd " "
S	B-2-SR to B-500-SR B-1-SP to B-501-SP	Even Numbers Only. Odd " "
T	B-1-TO to B-401-TO B-2-TN to B-600-TN	Odd Numbers Only. Even " "
U	B-1-UL to B-251-UL B-2-UM to B-250-UM	Odd Numbers Only. Even " "
W	B-2-WH to B-300-WH B-1-WG to B-301-WG	Even Numbers Only. Odd " "
X	B-2-XF to B-140-XF	Even Numbers Only.
Y	B-1-YA to B-331-YA B-2-YD to B-330-YD	Odd Numbers Only. Even " "
Z	B-1-ZX to B-251-ZX B-2-ZY to B-250-ZY	Odd Numbers Only. Even " "

NOTE:- Where the letter 'L' precedes the chassis series letters, this denotes that it is a left-hand drive chassis. Example B-46-LEY (L.H.Drive). Where a number exists for an L.H. drive chassis, such as the above, this number, i.e. 46 is not duplicated for a right-hand drive chassis.

CONTINENTAL SPORTS SALOON.

<u>SERIES.</u>	<u>CHASSIS NUMBERS.</u>	<u>REMARKS.</u>
A	BC-1-A to BC-26-A	All Numbers.
B	BC-1-B to BC-25-B	" "
C	BC-1-C to BC-78-C	" "
D	BC-1-D to BC-74-D	" "
E	BC-1-E to BC-9-E	" "

This information is strictly confidential.

No.13 is omitted from all chassis series.

# Bulletin

MODEL : BENTLEY MARK VI

**FOR INFORMATION (STRICTLY CONFIDENTIAL)**

**MODIFICATION DATA**

To provide Retailers with a summary of the inclusion of the more important modifications on production, the following data, chassis numbers and series are set out below.

In some cases a number of chassis were modified prior to those stated below.

The chassis numbers quoted refer to the commencement of the continuous embodiment of these modifications on production.

A	Servo Damper	B. 70-AK	D	Strengthened 3rd Mot. Shaft Splines	B.159-DZ	
	Squirt Hole in Connecting Rods	B.126-AK		8 1/2" Deflection Front Springs	B.193-DZ	
	Shock Absorber Screwed Inserts	B.250-AK		Radiator Heated De-mister		
	Twin Ignition Coils	B. 1-AJ		Dip and Switch Headlamps	B.237-DZ	
	Parkerised Tappets			B. 31-AJ		Modified Underseat Heater
Hardened Push Rods	B.185-AJ	Export Features on all Cars				
Modified Horn Push Button		Fixed Guide to Front Windows				
B	AC Air Cleaner	B. 2-BH	22 1/4" Servo Cams, 3" Balance Levers	B.241-DZ		
	SC Carburetter Needles		Heater Return Tap Re-introduced	B.273-DZ		
	Strengthened Wheel Disc Flange		Revised Inter-Shoe Brake Linkage	B.493-DZ		
	Heater Return Tap Deleted		B. 70-BH	E	Split Skirt Pistons	B.2-EY
	Heater Drain Tap Added				Granodised Piston Rings	B.120-EY
	Provision for 5" Dynamo	B.122-BH	Portable Hand Inspection Lamp		B.162-EY	
	Rocker Cover Breather	B.198-BH	Luggage Boot Water Trap		B.264-EY	
	Modified Interior Door Locks	B.228-BH	Progressive Bump Stops		B.466-EY	
	Increased Synchro Cam Angles	B.292-BH	(B.126-LEY)	1" Dia. Rear Axle Bolts	B.1-EW	
	Modified Distributor Drive Spring Ring	B.398-BH		Closer Fitting Tappets	B.57-EW	
	Increased Front Shock Absorber Loading	B.185-BG		Graded Pistons	B.111-EW	
	Nebar Rocker Cover Joint	B.303-BG	Commonised Dash	B.273-EW		
Export Body Modifications	B.321-BG	Forged Rear Spring Shackle Brkt.	B.403-EW			
C	Aluminium Tappet Doors	B. 2-CF	F	Internal Oil Feed to Distr.	B.2-FV	
	Larger Rear Hub Bearings			Longer Gear Lever	B.138-FV	
	Bronze Exhaust Valve Guides	B. 26-CF		Modified Rear S.D. Plates	B.444-FV	
	Modified Clutch Thrust Race	B.164-CF		Trico Windscreen Washer	B.1-FU	
	Solid Door Striker Plates	B.206-CF		Modified S.S. Tube Socket	B.244-FU	
	Horn Suppressor	B.218-CF	Modified X.S. Tube Sockets	B.281-FU		
	Dunlop Jacks	B.236-CF	G	Revised Steering Geometry	B.1-GT	
	Wider Opening Radiator Shutters	B.320-CF		Thicker Lipped Brake Drums		
	2.4" Servo Balance Lever	B.344-CF		Anti-Rumble Brakes		
	5" Dynamo	B.426-CF		2nd Mod. to Rear S.D. Plates	B.67-GT	
	C. & A. Cylinder Head Gasket	B. 1-CD		Four Foot Mounted Air Silencer	B.111-GT	
	Accelerator Countershaft Guard		B. 17-CD	Improved Rear No. Plate Box	B.165-GT	
13" Brake Expanders	B.115-CD	Revised Bijur Pipes to Rear Shackles	B.213-GT			
25" Servo Cams	B.347-CD	Reduced Speed Fan	B.281-LGT			
Modified Coolant Pump		B.475-CD	Keyhole Sockets on Gear Control	B.381-GT		
Improved Rubber Door Seals		One Piece Rear Brake Equ-Lever				
Servo Protection Plate		H	Aluminium Cam Wheel	B.2-HR		
Modified Quicklift Window Stop			Electric Clock			
Extended Petrol Tank Breather			Low Rate Oil Feed to Clutch Thrust			
D	Low Lift Camshaft		B. 2-DA		11" Clutch (Light Type)	
	Lucas Screen Wipers				3 Bush Rear Brake Equ-Support	
	Modified Core Plugs	B. 62-DA	Mod. Starter Solenoid Switch	B.110-HR		
	Oil Caps in No. 7 Journal	B.128-DA	Lower Bush R.S.D. Link Deleted	B.31-HP		
	Bench Type Spring Drive	B.134-DA	Speedo Dip Warning Light	B.83-HP		
Longer Upper Triangle Levers	B.144 DA	Large Bore Carburettors				
Short Cylinder Inserts	B.200-DA	Mod. Clutch Spigot Bearing	B.95-HP			
Rear Shock Damper Linkage Modification	B.252-DA	Closer Fitting 2nd & 3rd Speed Bushes	B.149-HP			
Battery Charging Plug	B.270-DA	Triple Pass De-mister Inter. Scheme	B.179-HP			
Larger Frontal Area Radiator		Longer Bosses on R.S.D. Plates				
Anti-Spill Valve in Radiator	B.384-DA	J	Thicker R.S.D. Plates	B.154-JO		
Chromium-plated Servo Plate	B.420-DA		Mod. Water Pump Gland Ring	B.61-JN		
Strengthened Door Hinges	B.492-DA		K	Triple Pass R.H. De-mister (Final)	B.2-KM	
Increased Diameter Scuttle Drain	B. 95-DZ			Modified Ammeter	B.64-KM	
1 1/2" Cylinder Studs	B.117-DZ			New Type Ignition Condenser	B.117-KL	
N.S. Front Window Winder	B.131-DZ					
Improved Window Run Channels	B.150-DZ					
Square Edge Bearing, 1st and 3rd Mot. Shafts						



# Bulletin

MODEL : BENTLEY MARK VI

L	{	Steel Oil Caps in Crankshaft	B.40-LJ	{	6.75 Compression Ratio Cylinder Head	B.93-TO		
		Oil Feed Adaptor Air Bottle	B.170-LJ		Deletion of Non-Opposed Springs	B.313-TO		
		11" Heavy Type Clutch	B.300-LJ		All Welded Frames	B.349-TQ		
M	{	3½" Bore Engine	B.2-MD	T	Metal Facia	B.2-TN		
		Thickened C'shaft Webs					Cable Operated Hot and Cold De-mister	
		Full Flow Oil Filter					and Underseat Heater	
		Twin Exhaust System (R.H. cars only)					Hard Clay Gasket	
		Side Scuttle Ventilators	B.29-MB		Deletion of Reduced Friction Modifi-	B.372-TN		
		Insulated Dynamo	B.313-MB		cation on Steering Connections	B.390-TN		
N	{	Increased Front Damping	B.210-NZ	U	Revised Throttle Controls for	B.436-TN		
		Twin Condensers	B.292-NZ		Synchromesh Gearbox			
		SP Carb. Needles (R.H. cars only)	B.478-NZ		{		Aluminium Flywheel Housing	B.35-UL
		Short dwell detent on 1st gear selector	B.500-NZ				Improved Type Underseat Tool	B.66-UM
		Repositioned Oil Gauge Conn. on C'case.	B.360-LNZ				Tray	B.212-UM
		Mk. II Headlamp	B.169-NY				Introduction of B-VI Type	
					Stiffened Clutch Casing		B.253-NY	Gearbox Tie Rod
					3-position Heater and De-mister		B.311-NY	{
120° Opening Ventilator Windows		with Auto Gearbox	B.270-WH					
Rear Window De-mister		Dynamo Type Mounting Strap	B.89-WG					
		on Starter Motor	B.183-WG					
P	{	Reversion to Old Type Front Wheel Studs.	B.22-PV	W	Thicker 3rd Motion Shaft Thrust Washer	B.89-WG		
		Solid Pins and Shield on Servo	B.284-PV		Compensator Pipe between Front and Rear Servo	B.183-WG		
		Hot and Cold Demister	B.53-PU		{	Strengthened jaws on Front	B.60-XF	
		Exhaust Heat Shields	B.159-PU			Brake Operating Links		
		Needle Rollers in Clutch Release Levers	B.185-PU	Y	12/41 Rear Axle (all Cars)	B.1-YA		
		Reduced Friction on Steering Connections	B.215-PU		Elimination of Chromium-plated	B.123-YD		
R	{	Revised Luggage Boot	B.2-RT		Z	Servo Pressure Plate	B.138-YD	
		Automatic SU Carburettors					Flexibox Seal on Water Pump	B.160-YD
		Revised Attitude Rear Springs				Bentley Continental Type	B.246-YD	
		Revised Rear Shock Damper Linkage				Demisting		
		Two Speed Windscreen Wiper				Improved Cold Starting Device	B.1-ZX	
Pop-out Cigar Lighter		2nd Speed Start	B.73-ZX					
		Separately Housed Main Fuse	B.433-SP	{	Ferodo Washers and Drain Slots	B.212-ZY		
Castor Angle Wedges		Taper Roller Bearings on Rear Axle Pinion (except 12/41 Axle)			B.380-SR			
Corrugated Bottom Water Hose Connection	B.68-RT	3½" Bore Engine			BC-1-D			
		Compensator Pipe between Front and Rear Servo						
S	{	Taper Roller Bearings on Rear Axle Pinion (except 12/41 Axle)	B.380-SR	D	Strengthened Jaws on Front Brake Operating Links	BC-5-D		
		3½" Seconds Slow Leak on Front Shock Dampers	B.61-SP		Elimination of Chromium-plated	BC-12-D		
		Parco Lubrized Tappets	B.425-SP		Servo Pressure Plate	BC-35-D		
		Taper Roller Bearings on Rear Axle Pinion 12/41 Axle	B.433-SP		Flexibox Seal in Water Pump	BC-37-D		
					Long Stroke Starter Pinion	BC-43-D		
					Improved Cold Starting Device	BC-47-D		
					2nd Speed Start			

## CONTINENTAL

A	{	Reduced Compression Height Pistons	BC-19-A	D	{	3½" Bore Engine	BC-1-D
		Commonised Cylinder Head	BC-4-C			Compensator Pipe between Front and Rear Servo	
C	{	Deletion of Non-Opposed Springs in Side Steering Tube	BC-18-C	D	{	Strengthened Jaws on Front Brake Operating Links	BC-5-D
		All Welded Frame	BC-21-C			Elimination of Chromium-plated	BC-12-D
		Deletion of Reduced Friction Modification on Steering Connections	BC-30-C			Servo Pressure Plate	BC-35-D
		Introduction of B.VI Type Gearbox Tie Rod	BC-50-C			Flexibox Seal in Water Pump	BC-37-D
		Flywheel Inertia Rings on Cars Fitted with Auto Gearbox	BC-70-C			Long Stroke Starter Pinion	BC-43-D
		Thicker Third Motion Shaft Thrust Washer	BC-78-C			Improved Cold Starting Device	BC-47-D
					2nd Speed Start		

ALL COMMUNICATIONS SHOULD BE REFERRED TO:

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