



## **Service Bulletins**

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

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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)

ALL CORRESPONDENCE SHOULD BE ADDRESSED TO  
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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-PU 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 Squirt Hole in Connecting Rods Shock Absorber Screwed Inserts Twin Ignition Coils Parkerised Tappets Hardened Push Rods Modified Horn Push Button	B. 70-AK	D	} Strengthened 3rd Mot. Shaft Splines 8½" Deflection Front Springs Radiator Heated De-mister Dip and Switch Headlamps Modified Underseat Heater Export Features on all Cars Fixed Guide to Front Windows 22¼" Servo Cams, 3" Balance Levers Heater Return Tap Re-introduced Revised Inter-Shoe Brake Linkage	B.159-DZ
		B.126-AK			B.193-DZ
		B.250-AK			B.237-DZ
		B. 1-AJ			B.241-DZ
		B. 31-AJ			B.273-DZ
B	} AC Air Cleaner SC Carburetter Needles Strengthened Wheel Disc Flange Heater Return Tap Deleted Heater Drain Tap Added Provision for 5" Dynamo Rocker Cover Breather Modified Interior Door Locks Increased Synchro Cam Angles Modified Distributor Drive Spring Ring Increased Front Shock Absorber Loading Nebur Rocker Cover Joint Export Body Modifications	B.185-AJ	E	} Split Skirt Pistons Granodised Piston Rings Portable Hand Inspection Lamp Luggage Boot Water Trap Progressive Bump Stops  ¾" Dia. Rear Axle Bolts Closer Fitting Tappets Graded Pistons Commonised Dash Forged Rear Spring Shackles Brkt.	B.466-EY
		B. 2-BH			B.126-LEY)
		B. 70-BH			B.1-EW
		B.122-BH			B.57-EW
		B.198-BH			B.111-EW
		B.228-BH			B.273-EW
		B.292-BH			B.403-EW
		B.398-BH			B.2-FV
		B.185-BG			B.138-FV
		B.303-BG			B.444-FV
C	} Aluminium Tappet Doors Larger Rear Hub Bearings Bronze Exhaust Valve Guides Modified Clutch Thrust Race Solid Door Striker Plates Horn Suppressor Dunlop Jacks Wider Opening Radiator Shutters 2.4" Servo Balance Lever 5" Dynamo C. & A. Cylinder Head Gasket Accelerator Countershaft Guard 13" Brake Expanders 25" Servo Cams Modified Coolant Pump Improved Rubber Door Seals Servo Protection Plate Modified Quicklift Window Stop Extended Petrol Tank Breather	B.321-BG	F	} Internal Oil Feed to Distr. Longer Gear Lever Modified Rear S.D. Plates Trico Windscreen Washer Modified S.S. Tube Socket Modified X.S. Tube Sockets  Revised Steering Geometry Thicker Lipped Brake Drums Anti-Rumble Brakes 2nd Mod. to Rear S.D. Plates Four Foot Mounted Air Silencer Improved Rear No. Plate Box Revised Bijur Pipes to Rear Shackles Reduced Speed Fan Keyhole Sockets on Gear Control One Piece Rear Brake Equ-Lever	B.1-GT
		B. 2-CF			B.67-GT
		B. 26-CF			B.111-GT
		B.164-CF			B.165-GT
		B.206-CF			B.213-GT
		B.218-CF			B.281-LGT
		B.236-CF			B.381-GT
		B.320-CF			
		B.344-CF			
		B.426-CF			
D	} Low Lift Camshaft Lucas Screen Wipers Modified Core Plugs Oil Caps in No. 7 Journal Bench Type Spring Drive Longer Upper Triangle Levers Short Cylinder Inserts Rear Shock Damper Linkage Modification Battery Charging Plug Larger Frontal Area Radiator Anti-Spill Valve in Radiator Chromium-plated Servo Plate Strengthened Door Hinges Increased Diameter Scuttle Drain ½" Cylinder Studs N.S. Front Window Winder Improved Window Run Channels Square Edge Bearing, 1st and 3rd Mot. Shafts	B. 1-CD	G	} Aluminium Cam Wheel Electric Clock Low Rate Oil Feed to Clutch Thrust 11" Clutch (Light Type) 3 Bush Rear Brake Equ-Support Mod. Starter Solenoid Switch Lower Bush R.S.D. Link Deleted Speedo Dip Warning Light Large Bore Carburettors Mod. Clutch Spigot Bearing Closer Fitting 2nd & 3rd Speed Bushes Triple Pass De-mister Inter. Scheme Longer Bosses on R.S.D. Plates	B.2-HR
		B. 17-CD			B.110-HR
		B.115-CD			B.31-HP
		B.347-CD			B.83-HP
		B.363-CD			B.95-HP
		B.475-CD			B.149-HP
		B. 2-DA			B.179-HP
		B. 62-DA			
		B.128-DA			
		B.134-DA			
D	} B.144 DA B.200-DA B.252-DA B.270-DA B.384-DA B.420-DA B.492-DA B. 95-DZ B.117-DZ B.131-DZ B.150-DZ	B.144 DA	H	} Thicker R.S.D. Plates Mod. Water Pump Gland Ring	B.154-JO
		B.200-DA			B.61-JN
		B.252-DA			
		B.270-DA			
		B.384-DA			
		B.420-DA			
		B.492-DA			
		B. 95-DZ			
		B.117-DZ			
		B.131-DZ			
D	} Triple Pass R.H. De-mister (Final) Modified Ammeter New Type Ignition Condenser	B.150-DZ	K		B.2-KM
					B.64-KM
					B.117-KL

ALL COMMUNICATIONS SHOULD BE ADDRESSED TO  
BENTLEY MOTORS (1931) LTD. SERVICE STATION, HYTHE ROAD, WILLESDEN, LONDON, N.W.10

# 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 in Side Steering Tube	B.313-TO		
		11" Heavy Type Clutch	B.300-LJ		All Welded Frames	B.349-TQ			
M	{	3½" Bore Engine	B.2-MD	T	Cable Operated Hot and Cold De-mister and Underseat Heater	B.2-TN			
		Thickened C'shaft Webs						Hard Clay Gasket	B.372-TN
		Full Flow Oil Filter						Deletion of Reduced Friction Modification on Steering Connections	B.390-TN
		Twin Exhaust System (R.H. cars only)						Revised Throttle Controls for Synchronesh Gearbox	B.436-TN
		Side Scuttle Ventilators	B.29-MB						
		Insulated Dynamo	B.313-MB						
N	{	Increased Front Damping	B.210-NZ	U	Aluminium Flywheel Housing	B.35-UL			
		Twin Condensers	B.292-NZ			Improved Type Underseat Tool Tray	B.66-UM		
		SP Carb. Needles (R.H. cars only)	B.478-NZ			Introduction of B.VI Type Gearbox Tie Rod	B.212-UM		
		Short dwell detent on 1st gear selector	B.500-NZ						
		Repositioned Oil Gauge Conn. on C'case.	B.360-LNZ						
		Mk. II Headlamp	B.169-NY						
Stiffened Clutch Casing	B.253-NY								
P	{	3-position Heater and De-mister Switches.	B.311-NY	W	Flywheel Inertia Ring on Cars with Auto Gearbox	B.236-WH			
		120° Opening Ventilator Windows					Dynamo Type Mounting Strap on Starter Motor	B.270-WH	
		Rear Window De-mister					Thicker 3rd Motion Shaft Thrust Washer	B.89-WG	
		Reversion to Old Type Front Wheel Studs.				B.22-PV	Compensator Pipe between Front and Rear Servo	B.183-WG	
		Solid Pins and Shield on Servo	B.284-PV	X	Strengthened jaws on Front Brake Operating Links	B.60-XF			
		Hot and Cold Demister	B.53-PU						
		Exhaust Heat Shields	B.159-PU						
		Needle Rollers in Clutch Release Levers	B.185-PU						
		Reduced Friction on Steering Connections	B.215-PU						
R	{	Revised Luggage Boot	B.2-RT	Y	12/41 Rear Axle (all Cars)	B.1-YA			
		Automatic SU Carburettors					Elimination of Chromium-plated Servo Pressure Plate	B.123-YD	
		Revised Attitude Rear Springs					Long Stroke Starter Pinion	B.138-YD	
		Revised Rear Shock Damper Linkage					Flexibox Seal on Water Pump	B.160-YD	
		Two Speed Windscreen Wiper					Bentley Continental Type Demisting	B.246-YD	
		Pop-out Cigar Lighter							
		Separately Housed Main Fuse							
		Castor Angle Wedges	B.68-RT						
		Corrugated Bottom Water Hose Connection							
S	{	Taper Roller Bearings on Rear Axle Pinion (except 12/41 Axle)	B.380-SR	Z	Improved Cold Starting Device	B.1-ZX			
		¾ Seconds Slow Leak on Front Shock Dampers	B.61-SP			2nd Speed Start	B.73-ZX		
		Parco Lubrized Tappets	B.425-SP			Ferodo Washers and Drain Slots in Crankshaft Vibration Damper	B.212-ZY		
		Taper Roller Bearings on Rear Axle Pinion 12/41 Axle	B.433-SP						

## 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	Strengthened Jaws on Front Brake Operating Links	BC-5-D		
		All Welded Frame	BC-21-C			Elimination of Chromium-plated Servo Pressure Plate	BC-12-D
		Deletion of Reduced Friction Modification on Steering Connections	BC-30-C			Flexibox Seal in Water Pump	BC-35-D
		Introduction of B.VI Type Gearbox Tie Rod	BC-50-C			Long Stroke Starter Pinion	BC-37-D
		Flywheel Inertia Rings on Cars Fitted with Auto Gearbox	BC-70-C			Improved Cold Starting Device	BC-43-D
		Thicker Third Motion Shaft Thrust Washer	BC-78-C			2nd Speed Start	BC-47-D

ALL COMMUNICATIONS SHOULD BE MADE BY AIR

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