

PISTONS

There has been an alteration to design on 'L' engine pistons.

Part numbers are :-

Displaced

New

UE. 6749 - Piston - 4.100 Bore - 8 : 1 C/R

UE. 8265

DECARBONISING SET

BENTLEY S. 2. SILVER CLOUD II. PHANTOM V.

The following parts can be supplied as a set for decarbonising the above cars:-

Joint Washer Drain Tap	KB.1196/R	2
Joint, Oil Filter	UE.5710	1
Joint, Distributor Drive Cover	UE.5237	1
Joint Breather Pipe	UE.6828	1
Joint Washer Drain Plug (Sump)	KB.1093	1
Joint, Distributor Pedestal to C/Case	UE.7335	1
Joint, Tappet Cover	UE.5256	1
Washer, Tappet Cover Screws	KB.1076/R	8
Gasket, Cylinder Head	UE.5693	2
Joint, Induction Manifold	UE.4394	4
Joint, Rocker Cover	UE.4324	2
Joint, Exhaust Manifold to Cylinder Head	UE.4603	8
Joint, Exhaust Manifold to Pipe	UE.1683	2
Rubber Bush Rocker Cover	UE.6967	6
Assy Washer, Oil Filter	RE.15879	1
Joint, Support Bracket to Tee Piece	UE.6238	1
Joint, Tee Piece to Manifold	UE.6175	1
Joint, Carburetter to Tee Piece	UE.2628	2
Joint, Thermostat Outlet	UE.4354	1
Joint, Elbow to Manifold	UE.4349	1
Sealing Strip, Timing Gear Casing	UE.5608	1

Suitable for all chassis.

Piece number is RH.2068

(i) Re-issued to include exhaust manifold joint, and to add chassis types.

CAMSHAFT THRUST PLATES.

BENTLEY S.2 SILVER CLOUD II AND PHANTOM 5.

The method of securing the camshaft thrust plate screws has been by tab washers. These have been replaced by plates which lock pairs of screws.

The new thrust plate can be used in place of the old if sets of lock plates are also provided.

Displaced

UE. 5367 Thrust plate  
KB. 7106/Z Washer, tab (10 off)  
Plate, lock

New

UE. 6155  
UE. 6156 (Short) 3 off  
UE. 6157 (long) 2 off

2.E.9.  
Addendum

Hydraulic Tappets

Bentley S2, Silver Cloud II Phantom V

The following are chassis numbers of cars which are fitted with the new hydraulic tappets.

'B' Series

Bentley S2 (Standard Steel Cars)

Chassis

B.246.BS to B.500.BS. Even numbers only.

'B' Series

Silver Cloud II (Standard Steel Cars)

Chassis

SVB.431 to SVB.501. Odd numbers only.

'A' Series

Bentley S2 (Long Wheelbase)

Chassis

LBA.9, 17 to 26 Inclusive.

'A' Series

Silver Cloud II (Long Wheelbase)

Chassis

LCA.69 to 76 Inclusive.

'A' Series

Bentley S2 Continental

Chassis

BC.139.AR to BC.151.AR Inclusive.

2.E.9.  
Addendum

- 2 -

'A' Series  
Phantom V

Chassis

5.AT.50. 54 to 100. Even Numbers only.

HYDRAULIC TAPPETS

BENTLEY S2 SILVER CLOUD SII PHANTOM 5.

Certain improvements have been made to the hydraulic tappets and these necessitate new numbers.

Any stock at present held should be returned for replacement with the latest type.

Part numbers are :-

Displaced

RH. 7156  
RH. 7157  
RH. 7158  
RH. 7159

New.

RH. 7221  
RH. 7222  
RH. 7223  
RH. 7224

Engine - Crankcase

Bentley S.2., Silver Cloud II, Phantom V

The following are chassis numbers of cars which are fitted with the new crankcase.

C Series

Bentley S.2. (Standard steel cars)

Chassis

B.223.CT, 227, 235 to 241, 245, 247, 249, 253 to 263, 267 to 275, 279, 281, 285 to 301, 305 to 327, 331 to 351, 355 to 361, 367, 371 to 389, 393, 395, 403, 409, to 423, 429, 431, 435 to 445. Odd numbers only.

B.2.CU to B.10.CU, 14 to 38, 42 to 62, 66, 68, 70, 74, 76, 78, 82 to 102, 106, 110, 114, to 124, 128 to 200, 204 to 212, 218 to 334, 338, 340, 344 to 398, 402 to 484, 488 to 558, 562 to 756. Even numbers only.

'C' Series

Silver Cloud II (Standard steel cars)

Chassis

SWC.320, 474 to 480, 484, 488 to 498, 502 to 530, 534 to 564, 570, 572, 574, 578 to 608, 612 to 628, 632 to 638, 644, 648 to 656, 660 to 666, 670, 674, 678 to 690, 694, 698 to 720 726, 728, 730. Even numbers only.

SXC.1 to SXC.25, 29, 31, 35 to 51, 55 to 69, 73, 75, 79 to 91, 97 to 121, 125 to 247, 251, 253, 255, 259 to 265, 269 to 357, 361 to 415, 419 to 467, 471 to 485, 491 to 525, 529 to 567, 571 to 607, 611 to 671.

'A' Series

Bentley S2 (Long Wheelbase)

Chassis

LBA.21 to 26 Inclusive.

- 2 -

'B' Series

Silver Cloud II (Long Wheelbase)

Chassis

LCB.29, 33 to 38, 40, 42, 43, 45, 46, 47, 50 to 53, 55 to  
59, 61 to 101 Inclusive.

'B' Series

Bentley S2 Continental

Chassis

BC.29.BY, 31, 32, 33, 36, 37, 38, 41 to 49, 51 to 72, 74  
to 96, 98, 99, 100 Inclusive.

'B' Series

Phantom V

Chassis

5.BV.19 to 5.BV.31, 35, 39 to 101. Odd numbers only.  
5.BX.2, 4, 6.



ENGINE - CRANKCASE

BENTLEY S2, SILVER CLOUD II, PHANTOM V

To improve cam and tappet lubrication on the engine crankcase, several holes and slots have been deleted in order to raise the oil level in the camshaft trough.

Crankcases are interchangeable, part numbers are as follows:-

<u>Displaced</u>		<u>New</u>
UE. 8140	Assy - Crankcase	UE. 8324
UE. 7167	† Crankcase	UE. 8282.

*† Not supplied as individual part.*

SPARKING PLUGS

Since the original issue on this subject, a new sparking plug has been approved for use on the present production S. 2 engine. It is a platinum point type, Champion RN-13P, and is now available from Crewe.

Prices are as follows:-

Retail	15/- each
Trade (in lots of 150 or part of an assorted order for 150)	9/- each

SPARKING PLUGS

Arrangements have been made to supply Champion Sparking Plugs, from our Parts Department at Crewe, at usual trade terms.

In order to ensure that the correct plug is ordered, for replacement purposes, the attached sheets give details of Champion Sparking Plugs approved by Rolls-Royce and Bentley Motors for their vehicles.

Delivery of these plugs can be made immediately and the trade price for quantities of 150 and over will be 2/11d. each, nett.

Retailers are invited to avail themselves of these facilities and orders for Sparking Plugs should be marked for the attention of the Spares Department and addressed to Rolls-Royce Ltd., Pym's Lane, Crewe.

ROLLS ROYCE AND BENTLEY  
SPARKING PLUG RECOMMENDATIONS

Champion type	Models	Gap Setting
N-8 (Part Number RE. 19735)	<u>ROLLS ROYCE</u>	
	Phantom III, Silver Dawn, Silver Wraith to 1955	.025"
	<u>BENTLEY</u>	
	1946-53 Mk VI	.025"
	1954-55 Sports Saloon	.025"
	N-5 (Part Number RE. 20608)	<u>ROLLS ROYCE</u>
1958 onwards Silver Wraith 8:1 C. R. and Silver Cloud 8:1 C. R.		.025"
<u>BENTLEY</u>		
Continental and Continental Series S		.025"
1958 onwards 'S' Series 8:1 C. R.		.025"
RN-8 (Part Number UE. 2831)  which includes an anti-erosion resistor		<u>ROLLS ROYCE</u>
	1956 onwards Silver Wraith 6.6:1 C. R.	.025"
	Silver Cloud 6.6:1 C. R.	.025"
	1959/60 Silver Cloud Series II V8	.025"
	1959/60 Phantom V V8	.025"
	<u>BENTLEY</u>	
	1955-57 'S' Series, except Continental	.025"
	1958 'S' Series 6.6:1 C. R.	.025"
	1959/60 S. 2 V8	.025"
	1959/60 Continental V8	.025"

Champion type	Models	Gap Setting
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LB-8  
(Part Number  
Y. 2754)

ROLLS ROYCE

1935, 20/25, 40/50 requiring 14 mm plug .025"  
1936-37, 20/25, 25/30 .025"  
1938-39, 25/30 .025"

BENTLEY

1934-39, 3½ litre and 4½ litre .020"

7  
(Part Number  
Y. 2787)

ROLLS ROYCE

All models requiring 18 mm plugs .025"

K-11  
(formerly - 17)

BENTLEY

3, 4½, 6½ and 8 litre to 1933 .020"

2. E. 12.

CYLINDER LINER SEALING RINGS

BENTLEY S2, SILVER CLOUD II, PHANTOM V.

To improve the sealing of the cylinder liners, a new material has been introduced for the sealing rings.

The rings are interchangeable, part numbers are as follows:-

<u>Displaced</u>		<u>New</u>
UE. 2993	Sealing Ring, Cylinder Liner	UE. 8581
UE. 3527	Sealing Ring, Cylinder Liner	UE. 8582

'VEE' BELTS

BENTLEY S2, SILVER CLOUD II PHANTOM V

Goodyear 'Vee' Belts will in future be introduced as an alternative to the present Ferodo Belts.

Part numbers are as follows:-

Ferodo

UE. 5654 - Assy, Twin 'Vee' Belts - C/Shaft,  
Coolant and Steering Pump

UE. 5628 - Assy, Twin 'Vee' Belts - C/Shaft  
and Dynamo Drive

Goodyear

UE. 8590

UE. 8591.

(1) Re-issued to quote full title for 'Vee' Belt-Assembly.