

A.2.

SPARES SCHEDULE - SILVER CLOUD & BENTLEYS1 TYPE - VOLUME 2

The steering yoke assembly fitted to Chassis numbers SFE.453, ALC.19 B-146-FA, BC-14-EL is shown on page G.5. of this spares schedule as RH.244 RH and RH.245 LH. This is correct when a new assembly is to be fitted and the component parts will be required if assemblies RH.244/5 have been fitted previously; it is a solid type yoke with external bush lubrication but with the internal oil metering valves removed so that the sealing rings, originally specified for these chassis can still be fitted.

The yoke assemblies originally fitted to these cars was UR.2899 for RH and UR.2900 LH and most of them are still fitted with them.

If component parts are required they will be found in Volume 1 of the spares schedule group M.5.

It is pointed out that the chassis numbers given on Page G.5. of the spares schedule show the part as being fitted from A series; this is not correct; chassis numbers for which the schedule is suitable are given on the front page.

K.5.

CARBURETTERPHANTOM III

It is regretted that supplies of carburetters and carburetter bodies for this car are no longer available.

The usual reason why these parts are required is that the bottom of the float chamber has corroded away.

It has been found that a satisfactory repair can be effected by cleaning and filling with a plastic metal.

One which has been found to give satisfactory results is 'Hermetal' this is obtainable from:-

The Kenilworth Mfg. Co. Ltd.,
Hermitite Works,
West Drayton,
Middlesex.

M.7.

BATTERYPOST WAR CARS PRIOR TO 'S' SERIES

The Battery Box Lid, CD.1581 used on the above cars is no longer available and it has been necessary to accept an alternative. The only difference between this and the original is that there is a single outlet hole in the centre in place of one at each end.

Additional holes can be cut as necessary.

M.8.
Issue (2)

CLOCKS

SILVER WRAITH

The clock supplied for the above cars, RD.7170, has, until now, been suitable for cars fitted with both positive and negative earth electrical systems.

Clocks now being delivered from the makers will be suitable only for negative or positive earth systems, not both.

Piece number of the clock for the positive earth system will remain RD.7170. It can be used for all short wheelbase cars and long wheelbase cars up to chassis ELW.70.

Piece number of the clock, suitable for a negative earth system, will be RH.7947. It will be used only on long wheelbase chassis from ELW.71 onwards.

(1) Re-issued to change RH.7934 to RH.7947.

WANNER GREASE GUN

It has been decided that, in future, stocks of the Wanner Grease Gun will be held for overseas retailers only.

Home retailers requiring the grease gun, or accessories, should obtain their supplies direct from the concessionaries in this country:-

Step Industrial Ltd. ,
Lower Kings Road,
Berkhamsted,
Herts.

2. A. 2.

TOOLS

BENTLEY S2, SILVER CLOUD II, PHANTOM V

A tool is now available for separating the bearing housing from the main casing on the S2 coolant pump.

A standard Churchill Tool Company slide hammer (their number 4235A) is used in conjunction with a special adaptor.

Some retailers may already be in possession of the slide hammer.

Part numbers are :

RH. 7313	Slide Hammer
RH. 7314	Adaptor

Prices are :

RH. 7313	£2. 9s. 0d.
RH. 7314	£4. 3s. 0d.

Subject to the usual discounts.

Danfoss Solenoid Valve

Bentley S2 Silver Cloud II Phantom V.

When a car is fitted with interior cooling equipment it is important that the correct solenoid valve is used according to the type of equipment. There are two alternative valves and as these are almost identical in appearance care should be taken when storing and issuing.

UD. 5707 is used only on cars whose ultimate destination is the U.S.A., and are therefore fitted with what is termed the 'Texas Boot Unit'. All others, that is those fitted with the 'Under Wing System' on standard cars, or the Rolls-Royce 'Boot Unit' on coachbuilt cars, are equipped with UD.6175 valve.

Later versions of UD.5707 will have no name plates, but, as this is not so on earlier versions, the most reliable distinguishing feature is the letters FXMW or FXM stamped on the body of UD.5707, whereas the letter 'F' only is stamped on the body of UD.6175.

COMPRESSOR - AIR CONDITIONINGBENTLEY S2, SILVER CLOUD II PHANTOM V.

The Tecumseh HH compressor has been replaced by the York A.209 type, and so far as S.2 cars are concerned the mounting bracket can be modified to take the new compressor; as a new clutch and hoses are also required however, and stocks of Tecumseh compressors are adequate the practice is not recommended.

Part numbers are:-

<u>Displaced</u>		<u>New</u>
UE.7397	Tecumseh Compressor	UE.8268
UE.5092	Clutch - Compressor	UE.8269
UE.5577	Assy - Bracket - Mounting - Compressor	UE.8266
UE.7951	Assy - Hose - Compressor to Condensor (All cars except Continentals)	UE.8438
UE.8023	Assy - Hose - Compressor to Condensor (Continental only)	UE.8439

COMPRESSOR - AIR CONDITIONINGBENTLEY S2, SILVER CLOUD II, PHANTOM V

The following are chassis numbers of cars which are fitted with the York Shipley compressor

'C' SeriesBentley S2 (Standard Steel Cars)Chassis

B.151.CT, 155, 187, 217, 273, 285, 305, 363, 367, 415.
B.8.CU, 70, 72, 172, 312, 340, 348, 364, 386, 390, 396,
406, 466, 490, 498, 534, 536, 570. onwards on refrigerated cars.

'C' SeriesSilver Cloud II (Standard steel cars)Chassis

SWC.78, 270, 310, 396, 474, 478, 480, 482, 486, 500,
502, 516, 558, 560, 636, 638, 652, 664, 678.
SXC.1, 9, 11, 87, 89, 145, 149, 151, 159, 213, 239,
259, 335, 339, 359, 375, 381, 405, 437, 455, 471, 491,
513, 547, 639. onwards on refrigerated cars.

'A' SeriesBentley S2 (Long Wheelbase)Chassis

LBA.21. onwards on refrigerated cars

'B' SeriesSilver Cloud II (Long Wheelbase)Chassis

LCB.15, 18, 28, 31, 41, 44, 45, 46, 48, 50, 52, 53, 73,
82, 87, 90, 91, 92 onwards on refrigerated cars.

'B' SeriesBentley S2 ContinentalsChassis

BC.90. BY onwards on refrigerated cars

2.C.2
Addendum

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'B' Series
Phantom V

Chassis

5.BV.5, 21, 25, 45, 59, 71, 85, 91, 93, 101,
5.BX.6 onwards on refrigerated cars.

COMPRESSOR MOUNTING BRACKET

BENTLEY S2 SILVER CLOUD II PHANTOM V

In some cases the setscrew used for fastening the York Shipley compressor to the compressor mounting bracket is too short. A longer setscrew has been introduced which can be used with either, the Tecumseh or York Shipley Units in all circumstances.

Setscrew part numbers are as follows:-

Displaced

New

UE. 8769

Setscrew - Compressor - Mounting
Bracket

RE. 22669

ADDITIONAL COLD AIR INTAKE

BENTLEY S2 SILVER CLOUD II (STANDARD STEEL CARS ONLY)

A modification to augment the fresh air intake has been introduced on the above cars.

Cold air is taken from the grille on the near side front wing and in conducted via a Copex tube to a hole cut in the scuttle side panel supplying cold air to the feet.

The air flow is controlled by a cable operated butterfly valve, the control knob being mounted on a bracket under the instrument facia.

It has been necessary to transfer the horns from the present position in the nearside front wing to the coachbuilt position under the front apron.

Part numbers are as follows

<u>Displaced</u>	<u>New</u>
Assy - Intake Duct - Dash Side	UD. 5912
Pivot Flap - Intake Duct	UD. 5913
Distance Piece - Butterfly Valve	UD. 5915
Assy - Plate and Cable Bracket	UD. 5943
Seal - Duct Fresh Air Intake	UD. 8006
Assy - Plate and Pivot Bracket	UD. 5944
Grille - Outlet - Fresh Air Intake	UD. 5945
Seal - Butterfly Valve	UD. 5947
Cable - Assy Fresh Air Intake (L.H.)	UD. 5949
Cable - Assy Fresh Air Intake (R.H.)	UD. 5950
Assy - Control Slide & Wire (L.H.)	UD. 5951
Assy - Control Slide & Wire (R.H.)	UD. 5952
Mounting Plate - Control	UD. 5908
Mounting Plate - Control	UD. 5909
Assy - Front Intake - Cold Air	UD. 5999
Clip - Fresh Air Intake to Front Stay	UD. 5953
Nipple - Solderless Cable	UD. 5973

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<u>Displaced</u>		<u>New</u>
	Knob - Control Fresh Air Intake	UD. 5956
	Clip - Control - Fresh Air Intake	UD. 3364
UB. 1554	Assy - Air Intake to Front Stay	UB 3556
	Bracket Mounting High Frequency Horns (only)	UR. 3369
	Bracket - Support Intake	UR. 1595
	Bracket - Support Intake	UR. 1596
	Clip Jubilee	RD. 6757
UR. 4935	Channel - Cross Cooling Receiver	UR. 5203
UR. 635	Plate - Padding L.H. Anti Roll Rod Bar	UR. 2623
	Assy - Bracket Horn Mounting	UR. 2626
UD. 4888	Horn Windtone Low Note R.H.	UD. 2307
UD. 4889	Horn Windtone High Notes R.H	UD. 2102
	Copex Flexible Tube	UD 8080

(1) Re-issued to include omitted part number

(2) Re-issued to amend part numbers

Addendum

Additional Cold Air IntakeBentley S.2. Silver Cloud II (Standard Steel Cars Only)

The following are chassis numbers of cars which are fitted with the additional cold air intake.

'C' Series
Bentley S.2.

Chassis B.2.CU to B.16.CU, 20 to 100, 104 to 118, 122 to 130,
134, 138 to 152, 156 to 162, 166 to 176, 180 to 358,
362 to 756.
Even numbers only.

'C' Series
Silver Cloud II.

Chassis SXC.1 to SXC.171, 175 to 357, 361 to 671.
Odd numbers only.

2. C. 4.

Addendum.

ADDITIONAL COLD AIR INTAKE

BENTLEY S2, SILVER CLOUD II (STANDARD STEEL CARS ONLY)

A distance piece is now being fitted between the lower edge of the flap valve and the side of the intake duct.

Part number is UD.8118

OUTLET DUCT - CAPPING RAIL

BENTLEY S2 SILVER CLOUD II (STANDARD STEEL CARS)

An operating handle is to be fitted to the centre vane of the capping rail outlet duct.

Parts are interchangeable but for reasons of symmetry it should only be carried out in pairs. For this reason both types will be available for spares

Part numbers are as follows:-

Displaced

New

UD.4724 Assy, Outlet Duct, Capping Rail

UD.5766

(1) Re-issued to amend types of car from Bentley S2 Silver Cloud II Phantom V to Bentley S2 Silver Cloud II (Standard Steel Cars).

2.C.5.

Addendum

Outlet Duct - Capping Rail

Bentley S2, Silver Cloud II (Standard Steel Cars only)

The following are chassis numbers of cars which incorporate the above modification.

'C' Series
Bentley S.2.

Chassis B.429.CT
 B.2.CU to B.118 CU., 122 to 176, 180 to 756.
 Even numbers only.

'C' Series
Silver Cloud II

Chassis
 SXC.1 to SXC.671 Odd numbers only.

REFRIGERATED CARS

BENTLEY S2 SILVER CLOUD II PHANTOM V

On the above cars the copper section of the pipe which connects the condenser to the compressor has a tendency to vibrate when the engine is idling. To obviate this a rubber lined clip has been provided which is fitted to a bracket on the top tank of the radiator.

Part numbers are as follows:-

	<u>New</u>
Clip - Pipe - Compressor to Condenser	UE 8709
Bolt - Clip - Pipe Compressor to condenser	UE 8701

(1) Re-issued to amend bolt part number.

TEXAS BOOT REFRIGERATION

BENTLEY S2 SILVER CLOUD II PHANTOM V

On the above cars it has been necessary to introduce a rubber grommet round the hole in the boot floor through which the flexible refrigeration hoses pass.

This introduction is to prevent any chafing of the hoses.

Part Number is as follows:-

	<u>New</u>
Grommet - Flexible Hose to Boot Floor	UD.6110

2.C.8.

Issue 2.

AIR CONDITIONINGBENTLEY S2 SILVER CLOUD II (STANDARD STEEL CARS ONLY)

The air conditioning flap valves are secured to the operating spindles with 2 eye bolts. 3.BA screws nip the flaps to the spindles and 3.BA nuts secure the flaps to the eye bolts.

In order to give increased tightness and nip on the spindle the 3.BA eye bolts and screws have been changed to 2.BA.

All flap valves supplied as spares will, in future, have 2.BA eye bolt holes. If they are required for a car with 3.BA fittings then new eye bolts, nuts and washers will also be required.

We shall continue to provide both types of eye bolts, nuts and washers.

Part numbers are as follows:

Displaced

UD.6088	Socket Screw
UD.6028	Eye Bolt
UD.6029	Evaporator Control Flap
UD.6030	Heater control flap
K.8803/Z	Washer
K.4005/Z	Nut

New

UD.8104
UD.8109
UD.8110
UD.8111
K.4404/Z
K.4006/Z

(i) Re-issued to amend nut part numbers.

2.C.9

Issue 2.

INTERIOR COOLINGBENTLEY S2, SILVER CLOUD II, PHANTOM V

To enable an easier means of checking whether there is sufficient refrigerant charge in the system a Danfoss type SG $\frac{3}{8}$ Sight Glass is now being fitted between the receiver and the line drier; in order to do this certain alterations have been necessary to the pipes and the opportunity has been taken to improve the general layout.

None of the parts are interchangeable individually and the numbers are as follows:

<u>Displaced</u>		<u>New</u>
UE.7702	Assy. condensor unit, refrigeration	UD.8183
UD.3714	Assy. receiver, refrigerant	UD.5790
UD.5224	Assy. clip top half line drier	UD.8189
UD.6166	Assy. of pipes drier to solenoid valves (Underwing chassis only)	UD.8192
UD 5002	Pipe, receiver to sight glass	UD.8191
UD 5002	Pipe, sight glass to drier	UD.8194
	Sight glass, danfoss type SG $\frac{3}{8}$	UD.5784

- (i) Re-issued to add part number for sight glass.

2.C.10.

COMPRESSOR AND CLUTCHBENTLEY S.2. SILVER CLOUD II PHANTOM V.

A clip for supporting the clutch cable is now being fitted to the compressor.

The clip is attached to a stud which has been screwed into one of the side mounting holes which are not used.

DisplacedNew

UE.8268 Compressor

UE.9547

Stud Stepped

UE.9528

Clip Compressor

UD.3364

HEATING.BENTLEY S.2. SILVER CLOUD II.STANDARD STEEL CARS & MULLINER COUPE.

An improved system of ducting recirculatory air to the rear seats has recently been introduced.

The present duct runs down the lower half of the A post on the left hand side of the car. It has been discarded in favour of a new duct which branches from the centre of the cross duct down to the floor. A cover, secured to the floor by screws, conveys the air from this duct to a point at the rear of the front seat in the centre of the car.

A larger capacity blower and an air intake formed entirely of expanded metal ensures an improved flow of air. A skirt screwed on to the valance of the right hand seat screens the duct from view, since carpet can no longer be used for this purpose.

The control cover, or duct, has to pass under the centre of the bench seat and it has been necessary to reposition the seat adjusting lever to accommodate it. This has been accomplished by reversing the lever so that the handle protrudes through the centre of the valance upwards instead of beneath it downwards. A chrome plated escutcheon surrounds the hole. The revised position of the lever relative to the catches make longer operating wires necessary; it also involves some small changes to the lightening holes to clear fouls. All the above changes apply equally to individual seats when these are fitted.

In addition to this the opportunity has been taken to modify the backs of the seats so that space can be provided for footrests.

Any parts of the seat frame which formerly passed across the apertures have been removed, additional strengthening has been incorporated elsewhere as necessary. The torsion springs controlling the seat backs have been replaced by pairs of coil springs.

The seat hinge arms have been replaced by shorter arms having the spring attachment lever welded to them.

A section has been cut out of the rear of the fascia picnic tray to clear the central duct branching from the cross duct.

Only the complete seat assemblies can be considered interchangeable.

Blower housing UD.5894, not UD.5895, can be used for all replacements of UD.6130.

Part numbers are as follows :-

<u>Displaced</u>		<u>New</u>
UW.2392	Assy, seat back, RH)	UW.2570
UW.2393	Assy, seat back, LH) Mulliner Coupe	UW.2569
UW.2257	Assy, seat back, RH, front seat	UW.2482
UW.2256	Assy, seat back, LH, front seat	UW.2483
UB.3637	Assy, front seat complete LH (Individual)	UB.3747
UB.3638	Assy, front seat complete RH (Individual)	UB.3748
UB.3618	Assy, front seat complete (Bench)	UB.3727
UB.3703	General Assy, frame (Bench)	UB.3803
UB.3752	Assy, frame, front seat, RH (Individual)	UB.3806
UB.3751	Assy, frame, front seat, LH (Individual)	UB.3807
UB.3607	Assy, frame & mechanism, LH (Individual)	UB.3749
UB.3608	Assy, frame & Mechanism, RH (Individual)	UB.3750
UB.3590	Assy, frame & mechanism (Bench)	UB.3728
UB.3725	Assy, hinge arm, lower, LH) Bench and	UB.3799
UB.3724	Assy, hinge arm, lower, RH) Individual	UB.3800
UB.3630	Assy, hinge arm, lower, LH) Mulliner	UB.3805
UB.3631	Assy, hinge arm, lower, RH) Coupe	UB.3804
UB.1655	Spring case, front seat cushion (Bench)	UB.3778
UB.2095	Spring Case, front seat cushion, LH) Indi-	UB.3779
UB.2096	Spring case, front seat cushion, RH) vidual.	UB.3780
	Assy, lever, rake adjustment, LH) Mulliner	UB.3771
	Assy, lever, rake adjustment, RH) Coupe	UB.3772
UB.3573	Assy, handle, seat slides (Bench)	UB.3788
UB.3681	Adjustable mounting bracket, footrest, LH	UB.3801
UB.3682	Adjustable mounting bracket, footrest, RH	UB.3802
	Adjustable mounting bracket, footrest	UB.3687
	Adjustable mounting bracket, footrest	UB.3688
	Footrest, front seat back, RH	UW.2494
	Footrest, front seat back, LH	UW.2495
UB.2005	Assy, quadrant, LH	UB.3707

DisplacedNew

UB.2006	Assy, quadrant, RH	UB. 3708
UB.1515	Torsion bar, LH	
UB.1575	Torsion bar, RH	
UB.1586	Washer, torsion bar	
K.4602/Z	Split pin, torsion bar	
	Springs, rake adjustment	UB.3692
	Screw, footrest to frame	CS.31363/Z
	Setscrew, adjustable mounting bracket to channel	UA.1501/Z
	Washer, adjustable mounting bracket to channel	K.4404/Z
	Nut, adjustable mounting bracket to channel	K.4006/Z
UB.3776	Cover, hinge arm, outer, RH	UB.3790
UB.3777	Cover, hinge arm, outer, LH	UB.3792
UB.3689	Cover, hinge arm, inner, RH	UB.3789
UB.3690	Cover, hinge arm, inner, LH	UB.3791
	Screw, cover, hinge arm	CS.31341/Z
UA.109/Z	Bolt, hinge arm to vertical member	UA.112/Z
UA.110/Z	Bolt, hinge arm to vertical member	UA.113/Z
UB.2128	Floor, reinforcement plate	UB.3825
UB.2926	Assy, cover duct, intake	UB.3512
UW.2072	Assy, picnic tray	UW.2311
	Skirt valance (RH side)	UB.3538
UB.1522	Bolt pivot, handle	UB.3575
	Escutcheon	UB.3576
UD.6251	Crossduct heater LH	UD.8114
UD.6252	Crossduct, heater RH	UD.8113
UD.6130	Assy, housing blower	UD.5894
UD.6130	Assy, housing blower	UD.5895
UD.6122	Blower housing	UD.5883
UD.6122	Blower housing	UD.5891
	Tail cone, blower	UD.5884
	Assy, air duct	UD.5887
	Reinforcement corner, rear	UB.4058
	Stiffener	UW.2317
	Panel carpet	UW.2109
UW.2110	Panel, floor front	UW.2546
UD.2927	Cover intake duct	
UW.2387	Panel, lower, rear seat	
UW.2144	Assy, trim, rear compartment	
UD.4991	Duct connection, rear compartment	

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DisplacedNew

UD. 5039	Assy. bezel, duct.
UD. 5044	Support bracket
UD. 5043	Support bracket
UD. 6189	Spire speed nut SNV. 2013
UD. 6180	Splitter plate, inlet
UD. 5042	Splitter plate, outlet

HEATING

BENTLEY S.2. SILVER CLOUD II

STANDARD STEEL CARS AND MULLINER COUPE

The following are chassis numbers of cars which incorporate the improved heating system and the rear set footrests.

'D' Series
Bentley S2

Chassis
B.415.DV onwards

'D' Series
Silver Cloud II

Chassis
SZD.347 onwards.

HEATINGBENTLEY S.2. SILVER CLOUD IISTANDARD STEEL CARS & MULLINER COUPE

An improved system of ducting recirculatory air to the rear seats has recently been introduced.

The present duct runs down the lower half of the A post on the left hand side of the car. It has been discarded in favour of a new duct which branches from the centre of the cross duct down to the floor. A cover, secured to the floor by screws, conveys the air from this duct to a point at the rear of the front seat in the centre of the car.

A larger capacity blower and an air intake formed entirely of expanded metal ensures an improved flow of air. A skirt screwed on to the valance of the right hand seat screens the duct from view, since carpet can no longer be used for this purpose.

The control cover, or duct, has to pass under the centre of the bench seat and it has been necessary to reposition the seat adjusting lever to accommodate it. This has been accomplished by reversing the lever so that the handle protrudes through the centre of the valance upwards instead of beneath it downwards. A chrome plated escutcheon surrounds the hole. The revised position of the lever relative to the catches make longer operating wires necessary; it also involves some small changes to the lightening holes to clear fouls. All the above changes apply equally to individual seats when these are fitted.

In addition to this the opportunity has been taken to modify the backs of the seats so that space can be provided for footrests.

Any parts of the seat frame which formerly passed across the apertures have been removed, additional strengthening has been incorporated elsewhere as necessary. The torsion springs controlling the seat backs have been replaced by pairs of coil springs.

The seat hinge arms have been replaced by shorter arms having the spring attachment lever welded to them.

A section has been cut out of the rear of the fascia picnic tray to clear the central duct branching from the cross duct.

Continued....

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2.C.11.Issue. 2.

Only the complete seat assemblies can be considered interchangeable.

Blower housing UD.5894, not UD.5895, can be used for all replacement of UD.6130.

Part numbers are as follows:-

<u>Displaced</u>		<u>New</u>
UW.2392	Assy, seat back, RH)	UW.2570
UW.2393	Assy, seat back, LH) Mulliner Coupe	UW.2569
UW.2257	Assy, seat back, RH, front seat	UW.2482
UW.2256	Assy, seat back, LH, front seat	UW.2483
UB.2093	Assy, front seat complete LH (Individual)	UB.3747
UB.2094	Assy, front seat complete RH (Individual)	UB.3748
UB.2964	Assy, front seat complete (Bench)	UB.3727
UB.4062	General Assy, frame (Bench)	UB.3803
UB.1724	Assy, frame, front seat, RH (Individual)	UB.3806
UB.2022	Assy, frame, front seat, LH (Individual)	UB.3807
UB.2091	Assy, frame & mechanism, LH (Individual)	UB.3749
UB.2092	Assy, frame & mechanism, RH (Individual)	UB.3750
UB.2004	Assy, frame & mechanism, (Bench)	UB.3728
UB.1845	Assy, hinge arm, lower, LH) Bench and	UB.3799
UB.1846	Assy, hinge arm, lower, RH) Individual	UB.3800
UB.3630	Assy, hinge arm, lower, LH) Mulliner	UB.3805
UB.3631	Assy, hinge arm, lower, RH) Coupe	UB.3804
UB.1655	Spring case, front seat cushion (Bench)	UB.3778
UB.2095	Spring Case, front seat cushion, LH)	UB.3779
UB.2096	Spring case, front seat cushion, RH) Individual	UB.3780
	Assy, lever, rake adjustment, LH) Mulliner	UB.3771
	Assy, lever, rake adjustment, RH) Coupe	UB.3772
UB.1508	Assy, handle, seat slides (Bench)	UB.3788
	Adjustable mounting bracket, footrest, LH	UB.3801
	Adjustable mounting bracket, footrest, RH	UB.3802
	Adjustable mounting bracket, footrest	UB.3687
	Adjustable mounting bracket, footrest	UB.3688
	Footrest, front seat back, RH	UW.2494
	Footrest, front seat back, LH	UW.2495
UB.2005	Assy, quadrant, LH	UB.3707

Continued.....

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		<u>2.C.11.</u>
		<u>Issue. 2.</u>
<u>Displaced</u>		<u>New</u>
UB.2006	Assy, quadrant, RH	UB.3708
UB.1515	Torsion bar, LH	
UB.1575	Torsion bar, RH	
UB.1586	Washer, torsion bar	
K.4602/Z	Split pin, torsion bar	
	Springs, rake adjustment	UB.3692
	Screw, footrest to frame	CS.31363/Z
	Setscrew, adjustable mounting bracket to channel	UA.1501/Z
	Washer, adjustable mounting bracket to channel	K.4404/Z
	Nut, adjustable mounting bracket to channel	K.4006/Z
	Cover, hinge arm, outer RH	UB.3790
	Cover, hinge arm, outer LH	UB.3792
UB.1792	Cover, hinge arm, inner RH	UB.3789
UB.1793	Cover, hinge arm, inner LH	UB.3791
	Screw, cover, hinge arm	CS.31341/Z
UA.109/Z	Bolt, hinge arm to vertical member	UA.112/Z
UA.110/Z	Bolt, hinge arm to vertical member	UA.113/Z
UB.2128	Floor, reinforcement plate	UB.3825
UB.2926	Assy, cover duct, intake	UB.3512
UW.2072	Assy, picnic tray	UW.2311
	Skirt valance (RH side)	UB.3538
UB.1522	Bolt pivot, handle	UB.3575
	Escutcheon	UB.3576
UD.6251	Crossduct heater LH	UD.8114
UD.6252	Crossduct, heater RH	UD.8113
UD.6130	Assy, housing blower	UD.5894
UD.6130	Assy, housing blower	UD.5895
UD.6122	Blower housing	UD.5883
UD.6122	Blower housing	UD.5891
	Tail cone, blower	UD.5884
	Assy, air duct	UD.5887
	Reinforcement corner, rear	UB.4058
	Stiffener	UW.2317
	Panel carpet	UW.2109
UW.2110	Panel, floor front	UW.2546
UD.2927	Cover intake duct	
UW.2387	Panel, lower, rear seat	
UW.2144	Assy, trim, rear compartment	
UD.4991	Duct connection, rear compartment	

Continued....

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2.C.11.
Issue. 2.DisplacedNew

UD.5039	Assy, bezel, duct
UD.5044	Support bracket
UD.5043	Support bracket
UD.6189	Spire speed nut SNV.2013
UD.6180	Splitter plate, inlet
UD.5042	Splitter plate, outlet

(i) Sheets 2 and 3 re-issued to amend some displaced part numbers to agree with modification as introduced on production.

2.C.12.

PHANTOM VHEATING

To prevent the rubber heater hoses from chaffing where they pass between the body sill support bracket and the RH No.1 body mount, the hoses have been made shorter, and re-run inboard of the chassis side member, and connected to the new copper pipes, which run up the toeboard to the heater tap, and the RH under wing heater matrix.

In order not to cause a blown fuse by the copper pipes fouling the voltage regulator, a 9" length 11m/m bore PVC tubing is shrunk over the upper end of each copper pipe; the tubing is softened and stretched in acetone, and shrinks on to the pipe on drying.

So far as the sheet metal parts are concerned the only difference is the provision of extra holes for the new clips.

All new hoses are in the same material as the displaced parts but shorter.

Part numbers are as follows :

<u>Displaced</u>		<u>New</u>
UR.5067	Assy, pedal gap plate (RH cars)	UR.5592
UR.4355	Assy, blanking plate pedal gap plate (LH cars)	UR.5591
UR.4909	Assy, dashboard	UR.5632
UR.5501	Hose, heater tap to pipe, rear heater	UR.5631
UR.5500	Hose, rear underseat heater to front heater	UR.5553
UR.5499	Hose, water tap to rear underseat heater	UR.5554
	Hose, connecting	UR.5493
	Pipe, rear underseat heater to front heater	UR.5555
	Pipe, water tap to rear underseat heater	UR.5556
	11 m/m bore x 9.000 PVC tubing	
	Clip, heater pipes, dashboard, pedal gap plate, and pedal blanking plate	UR.5588
	Clip, hoses to floor	UD.4274
	Clip, heater connection	RE.4750

HEATING

PHANTOM V

The following are the chassis numbers of cars that are fitted with the re-routed heater hoses.

'C' Series

Chassis

5.L.CG.65 Onwards

It should be noted that this modification is in the process of retrospective embodiment.

2.C.13.

INTERIOR COOLINGBENTLEY S2 SILVER CLOUD II

A new Refrigeration Unit is now being fitted to cars for the U.S.A. supplied under the Home Delivery Scheme.

In order to fit this new unit certain modifications have to be carried out to the parcel shelf and the boot floor.

Part numbers are as follows :-

<u>Displaced</u>		<u>New</u>
UD. 5649	C61 Refrigeration Unit	UD. 8318
	Assy, clamping plate, inlet duct	UD. 8325
	Assy blanking plate outlet parcel shelf (Two required with centre division) (One required without division) ¹	UD. 8322
	Assy blanking plate, outlet parcel shelf (LH) (without division)	UD. 8321
	Mounting plate, switch	UD. 8328
UW. 2202	Assy, side panel boot trim RH	UW. 2605
UW. 2212	Side panel boot trim LH	UW. 2202
	Parcel shelf, mod. (without division)	UB. 3833
	Parcel shelf mod. (with division)	UB. 3834
	Boot floor, mod. Bentley Silver Cloud 123 LH	UB. 3835
	Boot floor, mod. Bentley Silver Cloud 123 RH	UB. 3836
	Boot floor, mod. Bentley Silver Cloud 127 LH	UB. 3837
	Boot floor, mod. Bentley Silver Cloud 127 RH	UB. 3838
	Clip, pipe to refrigerator compressor	UE. 7955
	Roof bow, rear, mod.	UB. 2504
	Roof bow, BC post, mod.	UB. 2505
UD. 6250	Relay, rear window demister	UD. 4350
	Panel, parcel tray, Bentley S2 127 Silver Cloud - 127 with division.	UW. 1950

DisplacedNew

Panel, parcel tray, Bentley S2 127	
Silver Cloud - 127 without division	UW.2316
Grommet	UB.2563
Packing, anti drum, outer RH, without division	UW.1946
Assy, anti drum panel, parcel tray inner with or without division	UW.1779
Packing, anti drum outer, with division	UW.1946
Panel, parcel tray, Bentley S2, Silver Cloud 123 without division	UW.2609
Speaker board, parcel shelf, without division	UW.2384
Grommet, bulkhead	UD.1614
Conduit, cables, front (LH) without division	UD.2438
Conduit, cables, rear	UD.8308
Conduit, cables, front (RH) Bentley S2 Silver Cloud II 127 without division	UD.8308
Conduit, cables, front, Bentley S2 Silver Cloud II 127" with division	UD.8309
Assy, duct, outlet	UD.4248
Assy, shaft deflector	UD.4223
Flap, deflector, outlet duct	UD.4208
Screw, flap	KB.7753
Nut, flap	KB.4152/Z
Washer, flap	K.4401/Z
Spring deflector shaft	UD.4212
Screw, duct to parcel shelf, without division	RB.7370
Screw, anti drum, panel inner	CS.30564/Z
Grille, inlet, evaporator	UD.3375
Tack, inlet duct to anti drum panel	CS.32401
Grommet	UD.5301
Screw, conduit, rear	CS.31042/Z
Screw, conduit, front	CS.31042/Z
Bentley S2, Silver Cloud II 127 with or without division	
Screw, blanking plate, with or without division	CS.31020/Z
Hank rivet bush	FB.3961
Bolt, 2 BA	KC.153/Z
Washer	K.4404/Z
Nut, 2 BA	K.4006/Z

2.C.14.

HEATING AND DEMISTINGBENTLEY S2 LONG WHEELBASESILVER CLOUD II LONG WHEELBASE.

The latest type of S.2. heating and demisting, including the hand operated fresh air intake, is now being fitted to Long Wheelbase cars.

In the case of cars without a centre division the parts fitted are identical to those on standard cars.

When a division is fitted there is some variation from standard.

The instrument panel controls comprise the upper, fresh air, heater switch and the hand operated fresh air control. The switch for the recirculatory air heater located on the division.

Piece numbers are as follows :-

<u>Displaced</u>		<u>New</u>
	Mod. centre division	UB. 3938
	Mod. floor (division only)	UB. 3959
UB. 3150	Mod. Seat, LH	UB. 3939
UB. 3149	Mod. seat, RH	UB. 3940
	Mod. division motor	UD. 8385
UD. 8282	Assy. Picture plate, instrument facia (division cars only)	UD. 8369
UD. 5949)	Assy cable, fresh air intake	
UD. 5950)	(division cars)	UD. 8377
UD. 5951)	Assy control slide and wire, fresh air intake	
UD. 5952)	(division cars)	UD. 8378
UD. 5887	Air duct, rear compartment (division cars)	UD. 8384
UB. 3131	Mod. cross duct (division cars only)	UD. 8363
	Mounting plate, roof lamp switch	UD. 8376
UB. 3174	Assy cover, intake duct, recirculating air	UB. 3512
	Channel - loom protection division (division cars only)	UD. 8519

2.C.14.

- 2 -

DisplacedNew

	Felt, cover, intake duct	UW. 2131
	Screw, cover to floor	CS. 31061/Z
UB. 2985)		
UB. 3017)	Assy. capping rail	UB. 2580
UB. 3593	Assy. trim pad, capping rail (LH Cars)	UB. 3581
UB. 3594	Assy. Trim pad, capping rail (RH Cars)	UB. 3582
UW. 1132	Assy. finisher front door RH (LH Cars)	UW. 2154
UW. 1133	Assy. finisher front door LH (RH Cars)	UW. 2155
	Grab Handle	UB. 1608
	Distance piece	UB. 2988
	Blanking screw, nut, waistrail	UA. 101/Z
	Assy. undersheet	UB. 4060
	Washer, undersheet	UB. 1926
	Nut, undersheet	RE. 22428
	Packing washer, undersheet	UD. 6176
	Bolt, undersheet	UA. 102/Z
	Washer, undersheet	UA. 2052
UE. 9330	Assy. cylinder head "B" bank	UE. 9329
	Core plug	UA. 605/Z
	Washer, core plug	KB. 1094/Z
	Assy. elbow, heater connection	UE. 6119
	Plug, blanking, vacuum connection	UA. 1155/Z
	Washer, blanking plug	KB. 1078/R
UE. 7980	Assy. valance plate RH) Silver Cloud II	373/370
UE. 7982	Assy. valance plate LH) L.W.B.	373/371
UE. 7981	Assy valance plate RH) Bentley S. 2.	373/368
UE. 7983	Assy valance plate LH) L.W.B.	373/369
CS. 30541/Z	Screw, bonnet op. bracket to valance plate	CS. 30103/Z
	Screw, blanking LH valance plate	K. 1901/Z
	Grommet, heater hose, valance plate	UD. 6110
	Assy. undersheet, recirculation duct	UE. 8062
	Grommet, undersheet	UE. 7949
	Washer, undersheet	UE. 7950
	Distance piece, grommet	K. 9809
	Screw, undersheet to frame brackets	CS. 31725/Z

2.C.14

- 3 -

<u>Displaced</u>		<u>New</u>
UW.2170)		
UW.2171)	Seal, rubber, dashboard	UW.2122
UW.2172)		
UW.2173)	Seal, plastic, dashboard	UW.2123
UR.5192)		
UR.5193)	Assy panel inner, dashboard	373/443

All other parts are the same as those used on standard cars.

HEATING AND DEMISTING

BENTLEY S.2. LONG WHEELBASE

SILVER CLOUD II LONG WHEELBASE.

The following are the chassis numbers of cars that incorporate the latest heating and demisting system.

'C' Series

Silver Cloud II Long Wheelbase

Chassis

LCC.57, 92, 94, 96, 100

'D' Series

Chassis

LCD.2 onwards

'B' Series

Bentley S2 Long Wheelbase

Chassis

L.LBB 28 onwards

2.C.15

REFRIGERATION CLUTCH

BENTLEY S.2. SILVER CLOUD II, PHANTOM V

Piece numbers of the refrigeration clutches has changed.

Parts are interchangeable, and numbers are as follows :

Displaced

New

UE.8269

Refrigeration Pump Clutch

UE.9509

D.1.

AUTOMATIC TRANSMISSION FLUID

All the new and reconditioned gearboxes, supplied by the Rolls-Royce Spares Organisation, are to be 'run in' on Mobil Automatic Transmission Fluid WA.389, and, with this in mind, these gallons will be supplied with each gearbox.

The oil should be used up to the first change as laid down in the Service Schedule. Any of the oils recommended in the Owners Handbook or on the Lubrication Chart should then be used.

Gallon cans of Mobil Fluid WA-389 can be obtained from :

Rolls-Royce Ltd.,
Spares Dept.,
Pym's Lane,
Crewe

or

Rolls-Royce Ltd.,
Repair Dept.,
Hythe Road,
Willesden,
London...N.W.10.

(Counter Service Only)

D.2.

OIL FILTERBENTLEY S.1. SILVER CLOUD S.1.

It has been decided that in future the top seal must be provided with each oil filter element. It is considered that the seal should be replaced with each change of element.

Piece number of the oil filter element and seal assembly will be RH.2157. The element will not be available without seal.

OIL FILTERBENTLEY S.1. SILVER CLOUD S.1

Oil Filter Element Kits for all S. Series cars have been commonised by including both types of seal:- UE.30652 and RE.21265.

The surplus seal can be discarded.

Piece number of the new kit is RH.2383.

Existing stocks of RH.2157 are to be used up.

Q/KH

Issue 2.

2.D.1.

OIL FILTER

BENTLEY S.2, SILVER CLOUD II, PHANTOM V

An improved oil filter head seal is now available for use, in service, when trouble is experienced with leaks from the existing one.

Piece number of the new seal is UE.9452, or RH.7323 as an alternative.

Re-issued to add UE.9452 as an alternative.

ADDENDUM 2D.1.

OIL FILTER

BENTLEY S.2. SILVER CLOUD II, PHANTOM V

It has been decided that in future the top seal must be provided with each oil filter element. It is considered that the seal should be replaced with each change of element.

Piece number of the Oil Filter Element and Seal Assy will be RH.2156. The element will not be available without seal.

2.D.1.

ISSUE 3

OIL FILTER

BENTLEY S2/3. SILVER CLOUD SII/III. PHANTOM V/5

An improved oil filter head seal is now available for use in service, when trouble is experienced with leaks from the existing one.

Piece number of the new seal is UE.30652.

Q/KH

- (1) Re-issued to add UE.9452 as an alternative
- (2) Re-issued to include the latest production piece number.

OIL FILTER

BENTLEY S2/3. SILVER CLOUD SII/III. PHANTOM V/5

Oil Filter Element Kits for all 'S' Series cars have been commonised by including both types of seal:- UE.30652 and RE.21265.

The surplus seal can be discarded.

Piece number of the new kit is RH.2383.

Existing stocks of RH.2156 to be used up.

Q/KH

DECARBONISING SET

BENTLEY S.1. CONTINENTAL.

The following parts can be supplied as set for decarbonising the above car

EB.1886	Packing, Washer, Inlet Valve	6
EB.1747	Retaining Ring, Valve	6
EB.3998	Seal, Rocker Cover, Stud	3
UE.379	Joint, Rocker Cover	1
RE.15083	Joint, Tapper Cover	2
UE.1175	Joint, Exhaust Manifold to Pipe	2
CD.151	Washer, Sparking Plugs	6
RE.15203	Joint, Hotspot to Cylinder Head	1
UE.411	Joint, Exhaust Manifold to Crankcase	6
EB.4042	Joint, Distributor Housing	1
RF.3274	Washer, Aluminium, Tappet Cover	4
KB.1092	Washer, Breather Connection	1
RE.3523	Joint, Oil Feed Connection	2
UE.5053	Gasket, Cylinder Head	1
UE.2303	Joint, Induction Manifold	1
RE.10611	Joint, Carburetter to Manifold	2
UE.3003	Hose, Top	1
UR.794	Washer, Petrol Filter	1
RE.13241	Joint, Air Intake to Butterfly Housing	1
RE.10620	Joints, Air Intake to Carburetters	2
RE.8291	Joint, Hotspot Connection, Manifold	1
RE.12659	Hose, Joint (Py Pass)	1

Used on all 'A' Series.

Used on 'B' Series BC - BG 1-5, 7-20

Piece Number of the set is RH.2124.

DECARBONISING SET
BENTLEY S.1. CONTINENTAL

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

EB.1886	Packing, Washer, Inlet Valve	6
EB.1747	Retaining Ring, Valve	6
EB.3998	Seal, Rocker Cover, Stud	3
UE.379	Joint, Rocker Cover	1
RE.15083	Joint, Tappet Cover	2
UE.1175	Joint, Exhaust Manifold to Pipe	2
CD.151	Washer, Sparking Plugs	6
RE.15203	Joint, Hotspot to Cylinder Head	1
UE.411	Joint, Exhaust Manifold to Crankcase	6
EB.4042	Joint, Distributor Housing	1
RF.3274	Washer, Aluminium, Tappet Cover	4
KB.1092	Washer, Breather Connection	1
RE.3523	Joint, Oil Feed Connection	2
UE.5053	Gasket, Cylinder Head	1
UE.2303	Joint, Induction Manifold	1
UE.2628	Joint, Carburettor to Manifold	2
UE.3003	Hose, Top	1
UR.794	Washer, Petrol Filter	1
RE.13241	Joint, Air Intake to Butterfly housing	1
UE.2629	Joints, Air Intake to Carburettors	2
RE.8291	Joint, Hotspot Connection, Manifold	1
RE.12659	Hose, Joint (By Pass)	1

Used on 'B' Series BC - BG 6, 21 onwards.

Piece Number of the set is RH.2125-

SILVER WRAITH LONG WHEEL BASE

The following parts can be supplied as set for decarbonising the above car.

<u>PART No.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
EB. 3998	Seal, rocker cover stud	3
UE. 5053	Gasket, cylinder head	1
EB. 1886	Packing, inlet valve	6
EB. 1747	Ring, retaining, valve	6
KB. 1092	Washer, breather connection	1
EB. 4042	Joint distributor housing	1
UE. 411	Joint, exhaust manifold to crankcase joint	6
EB. 4468	Joint, manifold to pipe	2
RE. 8291	Joint, elbow, hotspot, manifold	1
EB. 3581	Joint, hotspot, cylinder head	1
EB. 4003	Joint, inlet manifold to cylinder head	4
RE. 15083	Joint, tappet cover	1
CD. 151	Washer, sparking plug	6
RE. 15880	Packing piece carburetter	1
RE. 15881	Packing piece carburetter	2
F. 89195	Cork washer petrol filter	1
RF. 3274	Washer, aluminium tappet cover	4
UE. 379	Joint rocker cover	1
* UE. 1812	Top hose connection	1
RE. 18683	Top hose connection	1
RE. 12659	Bye-pass hose	1
RE. 3523	Joint, rocker oil feed	1

Note * used in place of RE. 18683
on interior cooled cars.

Used on 'E' Series only.

Piece number of the set is RH. 2126.

DECARBONISING SET

SILVER WRAITH LONG WHEEL BASE

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

EB.1886	Packing, Washer, Inlet Valve	6
EB.1747	Retaining Ring, Valve	6
EB.3998	Seal, Rocker Cover, Stud	3
UE.379	Joint, Rocker Cover	1
RE.15083	Joint, Tappet Cover	2
EB.4468	Joint, Exhaust Manifold to Pipe	2
CD.151	Washer, Sparking Plugs	6
RE.15203	Joint, Hotspot to Cylinder Head	1
UE.411	Joint, Exhaust Manifold to Crankcase	6
EB.4042	Joint, distributor Housing	1
RF.3274	Washer, Aluminium, Tappet Cover	4
KB.1092	Washer, Breather Connection	1
RE.3523	Joint, Oil Feed Connection	2
UE.5053	Gasket, Cylinder Head	1
UE.2303	Joint, Induction Manifold	1
RE.10611	Joint, Carburetter to Manifold	2
RE.18683	Hose, Top	1
* UE.1812	Hose, Top	1
F.89195	Washer, Petrol Filter	1
RE.13241	Joint, Air Intake to Butterfly Housing	1
RE.10620	Joints, Air Intake to Carburetters	2
RE.8291	Joint, Hotspot Connection, Manifold	1
RE.12659	Hose, Joint (By Pass)	1

Note * used in place of RE.18683 on interior cooled cars.
Used only on FLW 1-59.

Piece Number of the set is RH.2127

DECARBONISING SET
SILVER WRAITH LONG WHEELBASE

The following parts can be supplied as a set for decarbonising the above car.

EB.1886	Packing Washer Inlet Valve	6
EB.1747	Retaining Ring Valve	6
EB.3998	Seal Rocker Cover Stud	3
UE.379	Joint Rocker Cover	1
RE.15083	Joint Tappet Cover	2
EB.4468	Joint Exhaust Manifold to Pipe	2
CD.151	Washer Sparking Plugs	6
RE.15203	Joint Hotspot to Cylinder Head	1
UE.411	Joint Exhaust Manifold to Crankcase	6
EB.4042	Joint Distributor Housing	1
RF.3274	Washer, Aluminium, Tappet Cover	4
KB.1092	Washer, Breather Connection	1
RE.3523	Joint, Oil Feed Connection	2
UE.5053	Gasket, Cylinder Head	1
UE.2303	Joint, Induction Manifold	1
UE.2628	Joint, Carburettor to Manifold	2
RE.18683	Hose, Top	1
* UE.1812	Hose, Top	1
F.89195	Washer, Petrol Filter	1
RE.13241	Joint, Air Intake to Butterfly Housing	1
UE.2629	Joints, Air Intake to Carburettors	2
RE.8291	Joint, Hotspot Connection, Manifold	1
RE.12659	Hose, Joint (By Pass)	1

Note * used in place of RE.18683 on interior cooled cars
Used on FLW 60 onwards

Piece Number of Set is RH.2128.

DECARBONISING SET

BENTLEY S.1. SILVER CLOUD S.1.

The following parts can be supplied as set for decarbonising the above cars.

<u>PART No.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
EB.1886 ✓	Packing Washer, Inlet Valve	6
EB.1747 ✓	Retaining Ring Valve	6
EB.3998 ✓	Seal, Rocker Cover, Stud	3
UE.379 ✓	Joint, Rocker Cover	1
RE.15083 ✓	Joint, Tappet Cover	2
UE.1175 ✓	Joint, Exhaust Manifold to Pipe	2
CD.151 ✓	Washer, Sparking Plugs	6
RE.15203 ✓	Joint, Hot spot to Cylinder Head	1
UE.411 ✓	Joint, Exhaust Manifold to Crankcase	6
EB.4042 ✓	Washer, Distributor Housing	1
RF.3274 ✓	Washer, Aluminium. Taper Cover	4
KB.1092 ✓	Washer, Breather Connection	1
RE.3523 ✓	Joint, Oil Feed Connection	2
UE.5053 ✓	Gasket, Cylinder Head	1
UE.2303 ✓	Joint, Induction Manifold	1
RE.10611 ✓	Joint, Carburetter to Manifold	2
UE.1050 ✓	Hose top	1
UR.794 ✓	Washer, petrol filter	1
RE.13241 ✓	Joint, air intake to butterfly housing	1
RE.10620 ✓	Joints, air intake to carburetter	2
RE.8291 ✓	Joint, Hot Spot Connection, manifold	1
RE.12659 ✓	Hose, Joint (Bye Pass)	1

Used on Bentley S.1. A to C Series
B-DB, all chassis
B-DE, 1-313, 317-651.
B-EK, 1-241, 255
Used on Silver Cloud 1 A to D Series
SGE All chassis
SFE 3-7, 17, 21

Piece number of the set is RH.2129.

ROLLS-ROYCE LIMITED, PYM'S LANE, CREWE, ENGLAND

DECARBONISING SET

BENTLEY S.1. SILVER CLOUD S.1.

The following parts can be supplied as set for decarbonising the above cars.

<u>PART No.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
EB.1886	Packing Washer, Inlet Valve	6
EB.1747	Retaining Ring, Valve	6
EB.3998	Seal, Rocker Cover, Stud	3
UE.379	Joint, Rocker Cover	1
RE.15083	Joint, Tappet Cover	2
UE.1175	Joint, Exhaust Manifold to Pipe	2
CD.151	Washer, Sparking Plugs	6
RE.15203	Joint, Hot spot to Cylinder Head	1
UE.411	Joint, Exhaust Manifold to Crankcase	6
EB.4042	Joint, Distributor Housing	1
RF.3274	Washer, Aluminium, Cover, Tappet	4
KB.1092	Washer, Breather Connection	1
RE.3523	Joint, Oil Feed Connection	2
UE.5053	Gasket, Cylinder Head	1
UE.2303	Joint, Induction Manifold	1
UE.2628	Joint, Carburetter to Manifold	2
UE.1050	Hose Top	1
UR.794	Washer, petrol filter	1
RE.13241	Joint, Air Intake to Butterfly Housing	1
UE.2629	Joints, Air Intake to Carburetters	2
RE.8291	Joint, Hotspot Connection, Manifold	1
RE.12659	Hose, Joint (Bye Pass)	1

Used on Bentley S.1. B-315-DE.

B-EK, 243-253, 257 onwards.

Used on Silver Cloud I SFE 1, 9-15, 19, 23 onwards.

Used on all Long Wheel Base Bentley and Silver Cloud.

Piece number of the set is RH.2130.

MAIN BEARING REPLACEMENT SET (STANDARD)

BENTLEY VI, SILVER WRAITH, SILVER DAWN, PHANTOM IV

The following main bearings can be supplied as a replacement set for servicing the above cars.

<u>Part No.</u>	<u>Description</u>	<u>Quantity</u>
RE. 3239	Rear Lower	1
RE. 3238	Rear Upper	1
RE. 3240	Centre Upper	1
RE. 3241	Centre Lower	1
RE. 3244	Front Upper	1
RE. 3245	Front Lower	1
RE. 3243	Intermediate Lower	4
RE. 3242	Intermediate Upper	4
RE. 14389	Thrust Washer, Centre, Top	2
RE. 14390	Thrust Washer, Centre, Bottom	2

Used to the end of L Series.

Piece number of the set is RH.2082.

MAIN BEARING REPLACEMENT SET (STANDARD)BENTLEY VI, SILVER WRAITH, SILVER DAWN, PHANTOM IV

The following main bearings can be supplied as a replacement set for servicing the above cars.

<u>Part No</u>	<u>Description</u>	<u>Quantity</u>
RE.12854	Rear Lower	1
RE.12853	Rear Upper	1
RE.3240	Centre Upper	1
RE.3241	Centre Lower	1
RE.12851	Front Upper	1
RE.12852	Front Lower	1
RE.3243	Intermediate Lower	4
RE.3242	Intermediate Upper	4
RE.14389	Thrust Washer, Centre, Top	2
RE.14390	Thrust Washer, Centre, Bottom	2

Used from M Series onwards to S.1.

Piece number of the set is RH.2083.

MAIN BEARING REPLACEMENT SET (STANDARD)BENTLEY S.I. SILVER CLOUD S.I. BENTLEY CONTINENTAL S.I.

The following main bearings can be supplied as a replacement set for servicing the above cars.

<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>
RE.14383	Centre	2
RE.14385	Front	10
RE.14387	Rear	2
RE.14389	Thrust washer, centre, top	2
RE.14390	Thrust washer, centre, bottom	2

Piece number of the set is RH.2084.

MAIN BEARING REPLACEMENT SET (.010 U/SIZE)BENTLEY VI, SILVER WRAITH, SILVER DAWN, PHANTOM IV

The following main bearings can be supplied as a replacement set for servicing the above cars.

<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>
RE.9911	Rear Lower	1
RE.9910	Rear Upper	1
RE.9912	Centre Upper	1
RE.9913	Centre Lower	1
RE.9916	Front Upper	1
RE.9917	Front Lower	1
RE.9915	Intermediate Lower	4
RE.9914	Intermediate Upper	4
RE.14389	Thrust Washer, Centre, Top	2
RE.14390	Thrust Washer, Centre, Bottom	2

Used to the end of L Series.

Piece number of the set is RH.2087.

MAIN BEARING REPLACEMENT SET (.010 U/SIZE)BENTLEY VI, SILVER WRAITH, SILVER DAWN, PHANTOM IV

The following main bearings can be supplied as a replacement set for servicing the above cars.

<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>
RE.15907	Rear Upper	1
RE.15908	Rear Lower	1
RE.9912	Centre Upper	1
RE.9913	Centre Lower	1
RE.15905	Front Upper	1
RE.15906	Front Lower	1
RE.9915	Intermediate Lower	4
RE.9914	Intermediate Upper	4
RE.14389	Thrust Washer, Centre, Top	2
RE.14390	Thrust Washer, Centre, Bottom	2

Used from M Series onwards to S.I.

Piece number of the set is RH.2088.

MAIN BEARING REPLACEMENT SET (.010 U/SIZE)

BENTLEY SI, SILVER CLOUD SI, BENTLEY CONTINENTAL SI.

The following main bearings can be supplied as a replacement set for servicing the above car.

<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>
RE.22096	Centre	2
RE.22100	Front	10
RE.22104	Rear	2
RE.14389	Thrust Washer, Centre, Top	2
RE.14390	Thrust Washer, Centre, Bottom	2

Piece number of the set is RH.2089.

MAIN BEARING REPLACEMENT SET (.020 U/SIZE)BENTLEY VI, SILVER WRAITH, SILVER DAWN, PHANTOM IV

The following main bearings can be supplied as a replacement set for servicing the above cars.

<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>
RE.15123	Rear Lower	1
RE.15122	Rear Upper	1
RE.15124	Centre Upper	1
RE.15125	Centre Lower	1
RE.15128	Front Upper	1
RE.15129	Front Lower	1
RE.15127	Intermediate Lower	4
RE.15126	Intermediate Upper	4
RE.14389	Thrust Washer, Centre, Top	2
RE.14390	Thrust Washer, Centre, Bottom	2

Used to the end of L series.

Piece number of the set is RH. 2091.

MAIN BEARING REPLACEMENT SET (.020 U/SIZE)BENTLEY VI, SILVER WRAITH, SILVER DAWN, PHANTOM IV

The following main bearings can be supplied as a replacement set for servicing the above cars.

<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>
RE.15909	Front Upper	1
RE.15910	Front Lower	1
RE.15912	Rear Lower	1
RE.15911	Rear Upper	1
RE.15124	Centre Upper	1
RE.15125	Centre Lower	1
RE.15127	Intermediate Lower	4
RE.15126	Intermediate Upper	4
RE.14389	Thrust Washer, Centre, Top	2
RE.14390	Thrust Washer, Centre, Bottom	2

Used from M series onwards to S.1.

Piece number of the set is RH.2092.

MAIN BEARING REPLACEMENT SET (.020 U/SIZE)BENTLEY S.1. SILVER CLOUD S.1. BENTLEY CONTINENTAL S.1.

The following main bearings can be supplied as a replacement set for servicing the above cars.

<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>
RE.22097	Centre	2
RE.22101	Front	10
RE.22105	Rear	2
RE.14389	Thrust Washer, Centre, Top	2
RE.14390	Thrust Washer, Centre, Bottom	2

Piece number for the set is RH.2093.

MAIN BEARING REPLACEMENT SET (.030 U/SIZE)BENTLEY VI, SILVER WRAITH, SILVER DAWN, PHANTOM IV

The following main bearings can be supplied as a replacement set for servicing the above car.

<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>
RE.15131	Rear Lower	1
RE.15130	Rear Upper	1
RE.15132	Centre Upper	1
RE.15133	Centre Lower	1
RE.15136	Front Upper	1
RE.15137	Front Lower	1
RE.15135	Intermediate Lower	4
RE.15134	Intermediate Upper	4
RE.14389	Thrust Washer, Centre, Top	2
RE.14390	Thrust Washer, Centre, Bottom	2

Used to the end of L Series.

Piece number of the set is RH.2095.

MAIN BEARING REPLACEMENT SET (.030 U/SIZE)BENTLEY VI, SILVER WRAITH, SILVER DAWN, PHANTOM IV

The following main bearings can be supplied as a replacement set for servicing the above cars.

<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>
RE.15916	Rear Lower	1
RE.15915	Rear Upper	1
RE.15132	Centre Upper	1
RE.15133	Centre Lower	1
RE.15913	Front Upper	1
RE.15914	Front Lower	1
RE.15135	Intermediate Lower	4
RE.15134	Intermediate Upper	4
RE.14389	Thrust Washer, Centre, Top	2
RE.14390	Thrust Washer, Centre, Bottom	2

Used from M series onward to S.1.

Piece number of the set is RH 2096.

MAIN BEARING REPLACEMENT SET (.030 U/SIZE)BENTLEY S.1. SILVER CLOUD S.1. BENTLEY CONTINENTAL S.1.

The following main bearings can be supplied as a replacement set for servicing the above cars.

<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>
RE.22098	Centre	2
RE.22102	Front	10
RE.22106	Rear	2
RE.14389	Thrust Washer, Centre, Top	2
RE.14390	Thrust Washer, Centre, Bottom	2

Piece number of the set is RH.2097.

BIG END BEARING REPLACEMENT SET (STANDARD)ALL POST WAR PRIOR TO 'S2' SERIES

The following big end bearings can be supplied as a replacement set for servicing the above cars.

<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>
RE. 3236	Standard	12

Piece number of the set is RH.2099.

BIG END BEARING REPLACEMENT SET (.010 U/SIZE)ALL POST WAR PRIOR TO S2 SERIES

The following big end bearings can be supplied as a replacement set for servicing the above cars.

<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>
RE. 9906	Big End Bearing	12

Piece number of the set is RH. 2100.

BIG END BEARING REPLACEMENT SET (.020 U/SIZE)ALL POST WAR PRIOR TO S2 SERIES

The following big end bearings can be supplied as a replacement set for servicing the above cars.

<u>Part No.</u>	<u>Description</u>	<u>Quantity</u>
RE.15121	Big End Bearing	12

Piece number of the set is RH.2101.

BIG END BEARING REPLACEMENT SET (.030 U/SIZE)ALL POST WAR PRIOR TO S2 SERIES

The following big end bearings can be supplied as a replacement set for servicing the above cars.

<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>
RE.19999	Big End Bearing	12

Piece number of the set is RH.2102.

PISTONS

POST WAR CARS (EXCLUDING PRESENT PRODUCTION)

In order to ease problems of supply it has been decided that it will no longer be possible for us to supply pistons to any grade required; this decision places the onus on the user to bore cylinders to pistons supplied and not, as formerly, to bore to a nominal size and request graded pistons to fit.

E.25.

PISTON RINGS3 $\frac{1}{2}$ " BORE ENGINES.

At the present moment we are using two types of Centre Ring on these engines. Pre war the ring is of 'L' Section and post war it is plain tapered.

There is no greater merit in either and the price is the same. In view of this we are standardising on the 'L' Section ring and when stocks have been used up only this one will be available.

Piece numbers are as follows:-

'L' RE.11064 Std. RE.11153 to 61 o/s.

Taper RE.12564 Std. RE.13922 to 30 o/s.

E.26.

Fan BeltsS1 Cars with Refrigeration

It is considered the fan belt UE.3507, item 14 in the S.1. Spares Schedule Vol. 2, can in fact be replaced by UE.4959.

When Stocks of UE.3507 have been used up UE.4959 will be used for all replacements.

GENERAL

Replacement engines now being supplied are fitted with dummy plugs containing an inhibiting agent.

The plugs are in short supply and wherever possible they should be returned to Crewe for recharging and further use.

Piece number of the plug is UE.8363.

SPRING DRIVE ASSEMBLYPOST WAR CARS PRIOR TO 'S' SERIES

RH.2051 Service Replacement Unit is frequently being returned without certain items: in the main the parts concerned are the fan pulley and hub, lock plate and starting dog.

Assemblies supplied are complete with these parts and unless they are returned in future they will be charged for.

E.29.

THERMOSTAT UNITALL POST WAR CARS

Wax filled thermostats are now available for use on cars fitted with a pressurised cooling system. They have the advantage of providing a more accurate temperature control.

Piece numbers and applications are:-

- UE.30193 Pressurised cars in N.America in winter only.
- UE.30088 Pressurised cars except when UE.30193 is used.
- UE.6848 Is still used on non pressurised cars except
in N.America in winter when RE.22619 is used.

The above are the only thermostats which are required for post war cars. They are the only ones which will be supplied.

E.30.

CRANKSHAFT BEARING BUSHESBENTLEY VI, SILVER WRAITH, SILVER DAWN

The spares schedules for the above cars refers to the following crankshaft bearing bushes incorrectly and these should read as follows:-

Illustration Group E2

Bentley Mk VI Page E9/4/52	(	Change Ref No.15 to read
Vol 3. S/Wraith " E7/4/52	(	Ref No.19
R.R. Silver Dawn	(	
Vol.3. " E5/5/52	(	Change Ref No.16 to read
		Ref No.20
Bentley Mk VI Page E10/4/52		Change Ref No.19 to read
Vol 3. S/Wraith " E8/4/52		Ref No.15
Bentley Mk VI Page E11/4/52		Change Ref No.20 to read
Vol 3. S/Wraith " E9/4/52		Ref No.16
R.R. Silver Dawn Page E6/5/52	(	Change Ref No.19 to read
Vol.3	(	Ref No.15
	(	Change Ref No.20 to read
	(	Ref No.16

TAPPET LOCK NUTBENTLEY S1 SILVER CLOUD I

There has been a change of part number for the tappet adjusting lock nut on S1 Series cars.

The 1st Edition of the S1 Spares Schedule on Group E7 Item X7, and Group A18 and A19 Items 13 and 3 respectively in the 2nd Edition of the S1 Spares Schedule, should be amended accordingly.

The new nut should be used for all replacements.

Part numbers are as follows :-

DisplacedNew

UA.302/R) Nut - Lock - Tappet Adjusting
UA.302/Z) Screw

RE.25281

FOR INFORMATIONCAMSHAFT - S2

The intermediate camshaft bearings on early engines were lubricated by high pressure oil passing through the hollow camshaft.

A solid camshaft has now been introduced, lubrication of the intermediate bearings being by means of drillings in the crankcase.

It will be appreciated that under no circumstances must the solid camshaft be used in an undrilled crankcase. The hollow camshaft can of course be plugged if necessary and used in any crankcase and indeed stocks of them have been used up in this way.

Part Numbers are as follows:-

Camshaft	(hollow)	UE.5687
"	(solid)	UE.7318
Plug		UE.6441

The crankcase part number is unchanged; future ones for spares will, of course, be supplied drilled.

(1) Re-issued to Amend Part Numbers.

CAMSHAFT

BENTLEY S2, SILVER CLOUD II PHANTOM V

The following are chassis numbers of cars which incorporate the modification to the camshaft:-

'A' Series

Bentley S2 (Standard Steel cars)

Chassis B.255AA 271, 273, 275, 277, 281, 285, 289, 293, 297, 299, 301, 303, 307, 309, 311, 313, 315, 317, 319, 321, 323, 325

B 2 AM. 4, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72, 74, 76, 80 to 320 even numbers only 324, 326.

Silver Cloud II (Standard steel cars)

Chassis SPA 272, 284, 286, 288, 290, 292, 294, 298, 300, 302, 306, 308, 314, 316, 318, 320, 322, 324, 326,

SRA 1. to 65 and 69 to 325 odd numbers only

Phantom V

Chassis 5 AS 39, 41, 43, 45, 47, 49, 51, 53, 55, 57, 59, 61, 63 65, 67, 69, 71, 73, 75, 77, 79, 81, 83, 85, 87, 89, 91, 93, 95, 97, 99, 101.

5. AT 2 to 100 even numbers only

Bentley Continental S2

Chassis BC 38, AR to 151 inclusive

Silver Cloud II (Long Wheelbase)

Chassis LCA. 11, 12, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 26, to 76 inclusive

CAMSHAFTBENTLEY S2 SILVER CLOUD II PHANTOM V

A kit, part number RH.2163 comprising, a fixture, a drill assembly and a setting gauge is now available for converting undrilled crankcases to accept a solid camshaft. The tools can only be used on engines which have been completely stripped.

The tools will be issued on a loan basis only, and as only a small quantity have been produced, it will be appreciated that there may be some delay before they can be made available at any particular time.

A full list of instructions and drawings will be issued with the kit when it is requested. After use the kit and drawings should be returned, as quickly as possible to :

Rolls-Royce Limited,
Spares Central Stores,
Pym's Lane,
Crewe.

ZE.2.
Issue 2

ENGINE - BRAY HEATER - S2

A modified crankcase has been introduced on production, to which a Bray Heater can be fitted if a customer so desires it.

Special parts have been developed which enable this heater to be fitted without the installation of a new crankcase.

The modification is a simple one necessitating only the cutting of a few inches from the pump end of the bottom radiator hose, insertion of the heater adaptor and the fitting of a short connection.

Part numbers are as follows:-

RH.7850 - Assy Connection Bray Heater

UE.7966 - Hose

UE.8109 - Heater (100/125 Volt)

UE.8250 - Heater (220/250 Volt)

RE.8936 - Clip

Re-issued 13.5.64 to change piece number UE.7468 to RH.7580.
Hose Bottom Radiator, RH.7489 cannot be fitted to UE.7468.

ENGINE - CRANKCASE - BENTLEY S2. SILVER CLOUD II, PHANTOM V

Due to various detail changes new part numbers have been allocated to the crankcase assemblies.

Crankcase assemblies are interchangeable, part numbers are as follows:-

<u>Displaced</u>	<u>Intermediate</u>	<u>New</u>
UE. 7172 Assy-Crankcase	UE. 8139	UE. 8140.

Supersedes Issue 2.

FOR INFORMATION

ENGINE - CRANKCASE S2

The rear main bearing back plate is, at the moment, fitted with a detachable sealing ring. Back plates in future, will be provided with an integral sealing ring and the two assemblies will be completely interchangeable.

Part numbers are as follows:-

<u>Displaced</u>	<u>New</u>
UE.5213	UE.7488

FOR INFORMATION

HYDRAULIC TAPPETS - S2.

Hydraulic tappets are specially packed in plastic bags to exclude foreign matter. There are two types of tappet both being interchangeable; one set is RH.7156/7157 the other RH.7158/9. The two numbers in each set indicate grades of diameter, the first being .00025 less than the second. They are coded Y and Z respectively. To facilitate identification without removing the tappet from the bag coloured rubber bands are used to seal the bags, yellow for grade Y and red for grade Z.

PISTONS

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

Part numbers are :-

Displaced

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

New

UE. 8265

Issue 3.

2.E.7.

DECARBONISING SETBENTLEY S2 SILVER CLOUD II PHANTOM V.

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

<u>Description</u>	<u>Part No.</u>	<u>Quantity</u>
Washer - Joint - Drain Plug (Sump)	KB.1093/R	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 Downtake	UE.1683	4
Rubber Bush - Rocker Cover	UE.6967	6
Washer - Lock - 'B' Bank Tappet Block	KB.7106	2
Joint - Tee Piece to Manifold	UE.6175	1
Joint - Thermostat Outlet	UE.4354	1
Joint - Coolant Bye-Pass Elbow to Manifold	UE.4349	1
Joint - Support Bracket - Power Steering Pump	UE.4393	1
Washer - Aluminium - Carburetter Air Vent	RE.7289	2
Washer - Fibre - Carburetter Air Vent	RE.7297	2
Hose - Coolant Bye-Pass	KB.6357/R	1
Assy Collet - Inlet & Exhaust Valves	UE.6987	32
Grommet - Inlet and Exhaust Valves	UE.7428	16

Suitable for all chassis.

Piece number of set is RH.2068

- (i) Re-issued to include exhaust manifold joint and to add chassis types.
- (ii) Re-issued to bring up to date.

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

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

2.E.9.
AddendumHydraulic TappetsBentley S2, Silver Cloud II Phantom V

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

'B' SeriesBentley S2 (Standard Steel Cars)

Chassis

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

'B' SeriesSilver Cloud II (Standard Steel Cars)

Chassis

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

'A' SeriesBentley S2 (Long Wheelbase)

Chassis

LBA.9, 17 to 26 Inclusive.

'A' SeriesSilver Cloud II (Long Wheelbase)

Chassis

LCA.69 to 76 Inclusive.

'A' SeriesBentley 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.

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.

Engine - CrankcaseBentley S. 2. , Silver Cloud II, Phantom V

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

'C' SeriesBentley 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' SeriesSilver 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' SeriesBentley 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.

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.

ISSUE.2.

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 1954-55 Sports Saloon	.025" .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 1958 onwards 'S' Series 8:1 C.R.	.025" .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"
	1959/60/1 Silver Cloud Series II V8	.025"
	1959/60/1 Phantom V V8	.025"
	<u>BENTLEY</u>	
	1955-57 'S' Series, except Continental	.025"
	1958 'S' Series 6.6:1 C.R.	.025"
	1959/60/1 S.2 V8	.025"
	1959/60/1 Continental V8	.025"

Champion Type	Models	Gap Setting
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ROLLS-ROYCE

UN. 12. Y	1959-61 Silver Cloud II 1959-61 Phantom V
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BENTLEY

1959-61 S2 1959-61 Continental

These plugs are being used to gain service experience. The most beneficial circumstances should be when the car is normally used in areas of high traffic density.

ROLLS-ROYCE

LB-8 (Part Number Y.2754)	1935, 20/25, 40/50 requiring 14 mm plug 1936-37, 20/25, 25/30 1938-39, 25/30	.025" .025" .025"
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BENTLEY

1934-39, 3½ litre and 4½ litre	.020"
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ROLLS-ROYCE

7 (Part Number Y.2787)	All models requiring 18 mm plugs	.025"
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BENTLEY

K. 11. (formerly - 17)	3, 4½, 6½ and 8 litre to 1933	.020"
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- (1) Re-issued to add UN. 12. Y. type Sparking Plug.
(2) To amend circumstances under which UN. 12. Y plug should be used.

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

2.E.11.Issue. 3.ROLLS-ROYCE AND BENTLEYSPARKING PLUG RECOMMENDATIONS

Champion type	Models	Gap Setting
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ROLLS-ROYCE

N.8 (Part Number RE.19735	Phantom III, Silver Dawn, Silver Wraith to 1955	.025"
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BENTLEY

1946-53 Mk VI	.025"
1954-55 Sports Saloon	.025"

ROLLS-ROYCE

N-5 (Part Number RE.20608)	1958 onwards Silver Wraith 8:1 C.R. and Silver Cloud 8:1 C.R.	.025"
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BENTLEY

Continental and Continental Series S	.025"
1958 onwards 'S' Series 8:1 C.R.	.025"

Continued.....

-2-

2.E.11.Issue. 3.ROLLS-ROYCE

RN-8		
(Part Number		
UE.2831)	1956 onwards Silver Wraith 6.6:1 C.R.	.025"
which includes	Silver Cloud 6.6:1 C.R.	.025"
an anti-erosion		
resister	1959 onwards Silver Cloud II & III V8	
	(U.S.A. only)	.025"
or	1959 onwards Phantom V V8 S2 & S3 Series	
	(U.S.A. only)	.025"

RN-13P		
(Part Number	<u>BENTLEY</u>	
UE.8310)	1955-57 'S' Series except Continental	.025"
Platinum	1958 'S' Series 6.6:1 C.R.	.025"
electrodes	1959 onwards S2 & 3 V8 (U.S.A. only)	.025"
	1959 onwards Continental S2 & 3 V8	
	(U.S.A. only)	.025"

UN 12 Y

ROLLS-ROYCE

	1959 onwards Silver Cloud II & III V.8.	
	(Australia only)	.025"
(Part Number	1959 onwards Phantom V V8 S2 & 3 Series	
UE.30850)	(Australia only)	.025"

BENTLEY

	1959 onwards S2 & 3 V8 (Australia only)	.025"
	1959 onwards Continental S2 & 3 V8	
	(Australia only)	.025"
NOTE:	This plug is an alternative to the N.16.Y and should only be used when the N.16.Y. is not readily available.	

Continued....

2.E.11.

-3-

Issue. 3.

<u>Champion type</u>	<u>Models</u>	<u>Gap Setting</u>
<u>ROLLS-ROYCE</u>		
N 16 Y (Part Number UE.30527)	1959 onwards Silver Cloud II & III V8 (except U.S.A) 1959 onwards Phantom V V8 S2 & 3 Series (except U.S.A)	.025" .025"
<u>BENTLEY</u>		
	1959 onwards S2 & 3 V8 (except U.S.A.) 1959 onwards Continental S2 & 3 V8 (except U.S.A)	.025" .025"
<u>ROLLS-ROYCE</u>		
LB-8 (Part Number Y.2754)	1935. 20/25. 40/50 requiring 14mm plug 1936-37. 20/25. 25/30 1938-39. 25/30	.025" .025" .025"
<u>BENTLEY</u>		
	1934-39. 3½ litre and 4½ litre	.020"
<u>ROLLS-ROYCE</u>		
7 (Part Number Y.2787)	All models requiring 18 mm plugs	.025"
<u>BENTLEY</u>		
K.11. (formerly - 17)	3. 4½. 6½ and 8 litre to 1933	.020"

Continued....

-4-

2.E.11.
Issue. 3.

- (i) Re-issued to add UN.12.Y. type Sparking Plug.
- (2) To amend circumstances under which UN.12.Y. plug should be used.
- (3) To amend circumstances under which UN.12.Y. should be used.
To add UE.30527 (Champion N.16.Y). To add UE.8310 (Champion RN.13.P)
as an alternative to UE.2831 (Champion RN.8.)

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:-

Displaced

New

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

VALVES AND FITTINGS

BENTLEY S2, SILVER CLOUD II, PHANTOM V.

The bottom washer of both the inlet and exhaust valves has been modified so that a packing gland can be introduced around the valve stem.

The top of the valve guide is chamfered to provide adequate seating for the conical gland and the valve stem itself has been modified to prevent damage to the gland.

A cap for the gland, fits inside the modified bottom washer the two being separated by a spring. The spring maintains pressure of the cap on the gland.

The following changes of part number have been made necessary:-

<u>Displaced</u>		<u>New</u>
UE. 5462	Cylinder head assy 'A' bank	UE. 7437
UE. 5462	Cylinder head assy 'B' bank (on all standard bodied cars)	UE. 7437
UE. 6656	Cylinder head assy 'B' bank	UE. 8398
UE. 5938	Valve guide inlet	UE. 7432
UE. 7280	Valve guide inlet (.002 o/s)	UE. 8477
UE. 7281	Valve guide inlet (.005 o/s)	UE. 8478
UE. 8367	Valve guide inlet (.010 o/s)	UE. 8479
UE. 5670	Valve guide exhaust	UE. 7431
UE. 7282	Valve guide exhaust (.002 o/s)	UE. 8480
UE. 7283	Valve guide exhaust (.005 o/s)	UE. 8481
UE. 8368	Valve guide exhaust (.010 o/s)	UE. 8482
	Grommet	UE. 7428
	Housing, grommet	UE. 7427
UE. 6380	Bottom washer	UE. 7426
	Spring, grommet	UE. 391
UE. 5939	Valve, inlet	UE. 8605
UE. 6020	Valve, inlet	UE. 8606
UE. 6806	Valve, exhaust	UE. 8607

The only difference between cylinder head assemblies is the valve guides. They are therefore interchangeable if a complete set of valves, grommets, housings bottom washers and springs is also supplied.

No.
2.E14.

- 2 -

Valve guides and washers are not interchangeable. The new valves can be used for all replacements but the early type should be used up on engines not fitted with the new grommet.

Addendum to 2.E.14.

VALVES AND FITTINGS

BENTLEY S2 SILVER CLOUD II PHANTOM V.

The modification to the valve guide notified in this information sheet has necessitated a modified guide block for the RH.7116/7 valve guide tools. Part number is RH.7272.

A universal tool has been designed for both inlet and exhaust valve guides which replace RH.7116/7, part no. RH.7207.

RH.7272 will still be necessary for use on RH.7207.

VALVES AND FITTINGS

BENTLEY S2 SILVER CLOUD II PHANTOM V

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

'C' Series

Bentley S2 (Standard Steel Cars)

Chassis

B.371.CT, 377 to 399, 403 to 417, 421 to 445 Onwards
B.2.CU to B.756.CU Onwards.

'C' Series

Silver Cloud II (Standard Steel Cars)

Chassis

SWC.636, 640 to 672, 676 to 682, 686 to 712, 716 to
730 Onwards.
SXC.1. to SXC.671 Onwards.

'A' Series

Bentley S2 (Long Wheelbase)

Chassis

LBA.22 to 26 Onwards

'B' Series

Silver Cloud II (Long Wheelbase)

Chassis

LCB.43 to LCB.101 Onwards

'B' Series

Bentley S.2. Continental

Chassis

BC.43.BY, 44, 46 to 101 Onwards

'B' Series
Phantom VChassis

5.BV.19 to 5.BV.101 Onwards
5.BX.2 to 5.BX.100 Onwards

The following are chassis numbers of cars which are fitted with the new cylinder head assemblies and valves etc.

'C' Series
Bentley S.2. (Standard Steel Cars)Chassis

B.22.CU to B.48.CU 52 to 756 Onwards

'C' Series
Silver Cloud II (Standard Steel Cars)Chassis

SXC.19 to SXC 671 Onwards.

'A' Series
Bentley S.2. (Long Wheelbase)Chassis

LBA.23 to LBA.26 Onwards.

'B' Series
Silver Cloud II (Long Wheelbase)Chassis

LCB.48 to LCB.101 Onwards

'B' Series
Bentley S.2. ContinentalChassis

BC.47.BY, 48, 49, 51 to 101 Onwards

'B' Series
Phantom VChassis

5.BV.21, 25, 29 to 101 Onwards
5.BX.2 to 5 BX.100 Onwards

VALVE ROCKERS AND SHAFTS

BENTLEY S2 SILVER CLOUD II PHANTOM V

Certain modifications have been made to counter the heavy wear which has sometimes been experienced on the rocker shafts and rockers.

The detachable bearing, which was fitted into the rocker, has been deleted and the rocker is now hardened all over including the bore. Flats have been cut on the rocker shaft to improve the flow of oil to the rockers. The new rockers must never be fitted as a replacement without the flatted rocker shaft; equally the flatted rocker shaft cannot be fitted without the new hardened rockers.

In order to use up stocks of the early rockers these are being fitted with hardened steel bushes and these too must be fitted only with the new shafts.

Part numbers are as follows:-

<u>Displaced</u>	<u>New</u>
UE. 5970 Rocker shaft assy	UE. 8767
UE. 5973 Rocker inlet	UE. 5698
UE. 5976 Rocker Exhaust	UE. 5699
UE. 5972 Rocker Assy Inlet (with Bush)	
UE. 5975 Rocker Assy Exhaust (with Bush)	
UE. 6429 Bush Inlet)	
UE. 5926 Bush Inlet) Alternatives	
UE. 5927 Bush Exhaust)	
UE. 6430 Bush Exhaust) Alternatives	
Rocker Assy with Bush (temporary)	UE. 8760
Rocker Assy with Bush (temporary)	UE. 8762
Bush Inlet (temporary)	UE. 8759
Bush Exhaust (temporary)	UE. 8761

Continued. . . .

- 2 -

The hardened bushes can be used to convert any of the old type rockers, in stock or remove from engines, to the temporary type. The fitting of these bushes is however a specialised operation, and can only be carried out in Rolls-Royce factories

Valve Rockers and Shafts

Bentley S.2. Silver Cloud II Phantom V

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

'C' Series

Bentley S.2. (Standard Steel Cars)

Chassis

B.238.CU 278 to 316, 320 to 394, 398 to 756. Even numbers only.

'C' Series

Silver Cloud II (Standard Steel Cars)

Chassis

SXC.389, 397 to 461, 465 to 575, 579 to 631, 635 to 671 Odd numbers only.

'A' Series

Bentley S.2. (Long Wheelbase)

Chassis

LBA.26

'B' Series

Silver Cloud II (Long Wheelbase)

Chassis

LCB.67, 68, 69, 71 to 78, 80 to 101 Inclusive.

'B' Series

Bentley S2 Continental

Chassis

BC.76.BY, 78 to 101 Inclusive.

2.E.15.
Addendum

- 2 -

'B' Series
Phantom V.

Chassis

5.BV.63 to 5.BV.75, 79 to 101 Odd numbers only
5.BX.2, 4, 6.

VALVES

BENTLEY S. 2. SILVER CLOUD II PHANTOM V

The inlet and exhaust valve collet is fitted with a rubber seal.

The adhesion of the seal to the collet has not been satisfactory and they are now being bonded; for this reason the rubber seals can no longer be supplied as separate items.

INDUCTION MANIFOLD

BENTLEY S2, SILVER CLOUD II, PHANTOM V

The present induction manifold cylinder head joint has not proved entirely satisfactory and a new material is now being issued.

All joints at present in stock should be returned to Crewe for free of charge replacement.

Part number of the joint affected is UE.4394. S.2. Schedule Page A.9. Item 14.

IGNITION

BENTLEY S.2. SILVER CLOUD II, PHANTOM V

The rubber sparking plug adaptors which have recently been fitted on production cars have not proved entirely satisfactory.

Any stocks of the rubber adaptors should be returned to Crewe.

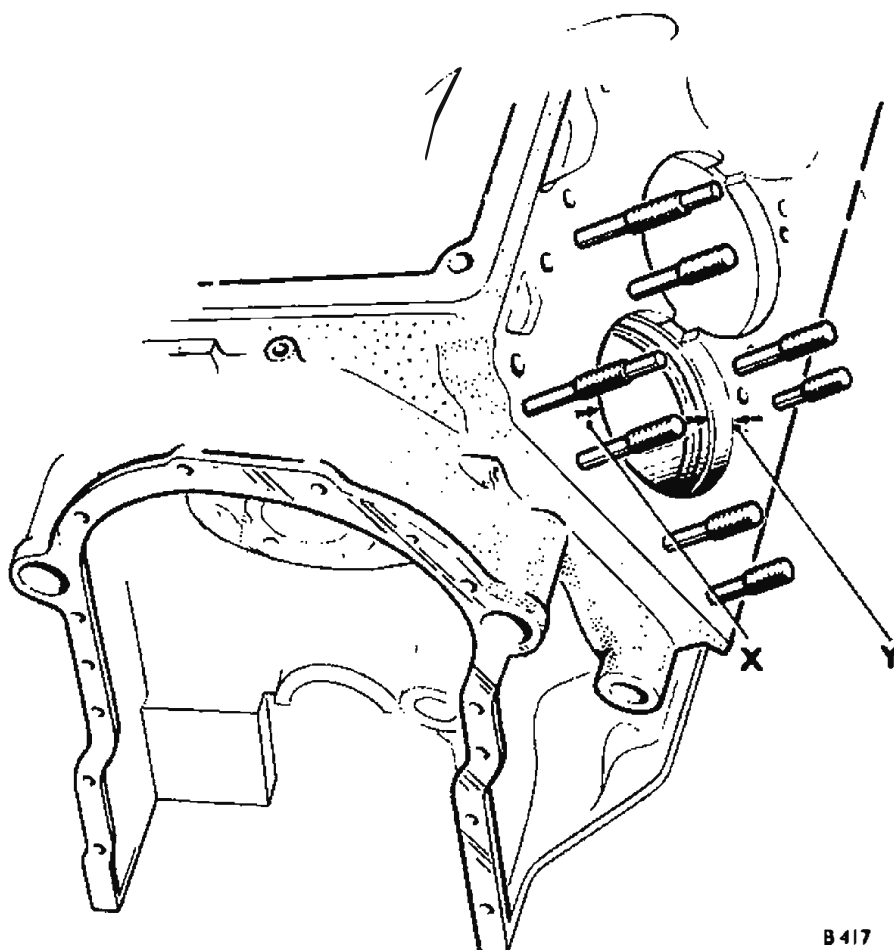
RE. 17121 Bakelite adaptors should be continued to be fitted for the time being

CYLINDER LINERS.

BENTLEY S.2. SILVER CLOUD II. PHANTOM V

Section E.5 of the Engine Manual T.S.D. 721 explains that .002 - .003 nip is necessary between cylinder head and liner.

It is not possible to carry a sufficient stock of liners of varying flange thickness for the required nip to be obtained in all circumstances; in view of this, when liners are required, the depth of the crankcase flange, at point X & Y on the illustration, for each cylinder should be taken and an order forwarded to Crewe. It would assist if each set of measurements were identified to a particular cylinder, A1, B1 etc.



B417

MAIN BEARING REPLACEMENT SET (STANDARD) VANDERVELL
BENTLEY S.2, SILVER CLOUD II, PHANTOM V.

The following main bearings can be supplied as a replacement set for servicing the above cars.

<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>
UE.821	Rear	2
UE.822	Front, Intermediate and Centre	8
UE.827	Thrust Washer, Centre, Top	2
UE.826	Thrust Washer, Centre, Bottom	2

Piece number of the set is RH.2085.

Alternative set is RH.2086.

MAIN BEARING REPLACEMENT SET (STANDARD) GLACIERBENTLEY S.2., SILVER CLOUD II, PHANTOM V

The following main bearings can be supplied as a replacement set for servicing the above cars.

<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>
UE.2767	Rear	2
UE.2768	Front, Intermediate and Centre	8
UE.2769	Thrust Washer, Centre, Top	2
UE.2770	Thrust Washer, Centre, Bottom	2

Piece number of the set is RH.2086

Alternative Set is RH.2085.

MAIN BEARING REPLACEMENT SET (.010 U/SIZE) VANDERVELL

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

The following main bearings can be supplied as a replacement set for servicing the above cars.

<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>
UE.6499	Rear	2
UE.6491	Front, Intermediate and Centre	8
UE.827	Thrust Washer, Centre, Top	2
UE.826	Thrust Washer, Centre, Bottom	2

Piece number of the set is RH.2090

Alternative set is RH.2103.

MAIN BEARING REPLACEMENT SET (.010 U/SIZE) GLACIER.BENTLEY S.2., SILVER CLOUD II, PHANTOM V.

The following main bearings can be supplied as a replacement set for servicing the above cars.

<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>
UE.8640	Rear	2
UE.8636	Front, Intermediate and Centre	8
UE.2769	Thrust Washer, Centre, Top	2
UE.2770	Thrust Washer, Centre, Bottom	2

Piece number of the set is RH.2103

Alternative set is RH.2090.

MAIN BEARING REPLACEMENT SET (.020 U/SIZE) VANDERVELLBENTLEY S.2., SILVER CLOUD II, PHANTOM V

The following main bearings can be supplied as a replacement set for servicing the above cars.

<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>
UE.6500	Rear	2
UE.6492	Front, Intermediate and Centre	8
UE.827	Thrust Washer, Centre, Top	2
UE.826	Thrust Washer, Centre, Bottom	2

Piece number of the set is RH.2094.

Alternative set is RH.2104.

MAIN BEARING REPLACEMENT SET (.020 U/SIZE) GLACIERBENTLEY S.2., SILVER CLOUD II, PHANTOM V.

The following main bearings can be supplied as a replacement set for servicing the above cars.

<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>
UE.8641	Rear	2
UE.8637	Front, Intermediate and Centre	8
UE.2769	Thrust, Washer, Centre, Top	2
UE.2770	Thrust Washer, Centre, Bottom	2

Piece number of the set is RH.2104.

Alternative set is RH.2094.

MAIN BEARING REPLACEMENT SET (.030 U/SIZE) VANDERVELL.BENTLEY S.2., SILVER CLOUD II, PHANTOM V.

The following main bearings can be supplied as a replacement set for servicing the above cars.

<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>
UE.6501	Rear	2
UE.6493	Front, Intermediate and Centre	8
UE.827	Thrust Washer, Centre, Top	2
UE.826	Thrust Washer, Centre, Bottom	2

Piece number of the set is RH.2098.

Alternative set is RH.2105.

MAIN BEARING REPLACEMENT SET (.030 U/SIZE) GLACIERBENTLEY S.2., SILVER CLOUDII, PHANTOM V.

The following main bearings can be supplied as a replacement set for servicing the above cars.

<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>
UE.8642	Rear	2
UE.8638	Front, Intermediate and Centre	8
UE.2769	Thrust Washer, Centre, Top	2
UE.2770	Thrust Washer, Centre, Bottom	2

Piece number of the set is RH.2105.

Alternative set is RH.2098.

BIG END BEARING REPLACEMENT SET (STANDARD) VANDERVELL
BENTLEY S.2., SILVER CLOUD II, PHANTOM V.

The following big end bearings can be supplied as a replacement set for servicing the above cars.

<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>
UE. 3963	Big End Bearing	16

Piece number of the set is RH.2140

Alternative set is RH.2141.

BIG END BEARING REPLACEMENT SET (STANDARD) GLACIERBENTLEY S.2., SILVER CLOUD II, PHANTOM V.

The following big end bearings can be supplied as a replacement set for servicing the above cars.

<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>
UE.3960	Big End Bearing	16

Piece number of the set is RH.2141.

Alternative set is RH.2140.

BIG END BEARING REPLACEMENT SET (.010 U/SIZE) VANDERVELL
BENTLEY S.2., SILVER CLOUD II, PHANTOM V.

The following big end bearings can be supplied as a replacement set for servicing the above cars.

<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>
UE.6495	Big End Bearing	16

Piece number of the set is RH.2142.

Alternative set is RH.2143.

BIG END BEARING REPLACEMENT SET (.010 U/SIZE) GLACIERBENTLEY S.2., SILVER CLOUD II, PHANTOM V.

The following big end bearings can be supplied as a replacement set for servicing the above cars.

<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>
UE.8644	Big End Bearing	16

Piece number of the set is RH.2143

Alternative set is RH.2142.

BIG END BEARING REPLACEMENT SET (.020 U/SIZE) VANDERVELL
BENTLEY S.2., SILVER CLOUD II, PHANTOM V.

The following big end bearings can be supplied as a replacement set for servicing the above cars.

<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>
UE.6496	Big End Bearing	16

Piece number of the set is RH.2144.

Alternative set is RH.2145.

BIG END BEARING REPLACEMENT SET (.020 U/SIZE) GLACIERBENTLEY S.2. SILVER CLOUD II, PHANTOM V.

The following big end bearings can be supplied as a replacement set for servicing the above cars.

<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>
UE.8645	Big End Bearing	16

Piece number of the set is RH.2145.

Alternative set is RH.2144.

BIG END BEARING REPLACEMENT SET (.030 U/SIZE) VANDERVELL
BENTLEY S.2., SILVER CLOUD II, PHANTOM V.

The following big end bearings can be supplied as a replacement set for servicing the above cars.

<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>
UE.6497	Big End Bearing	16

Piece number of the set is RH.2146

Alternative set is RH.2147.

BIG END BEARING REPLACEMENT SET (.030 U/SIZE) GLACIERBENTLEY S.2., SILVER CLOUD II, PHANTOM V

The following big end bearings can be supplied as a replacement set for servicing the above cars.

<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>
UE.8646	Big End Bearing	16

Piece number of the set is RH.2147.

Alternative set is RH.2146.

2. E. 36.

SPARKING PLUG SPANNER

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

A ratchet type plug spanner is now available which eliminates the need for removing the front wheel and valance plate access panel when changing a set of sparking plugs.

Provided gloves are used the plugs can be changed on a hot engine.

Piece number of the spanner is RH.7327 and the price is £4.16.6d. less the usual trade discount.

CYLINDER HEADBENTLEY S.2. SILVER CLOUD II PHANTOM V.

Die cast cylinder heads are now being fitted and these are completely interchangeable with the superseded parts the only difference being that only 2 core plugs are required in place of the eight previous; one of these is the standard plug UA.601/N. The other is a hexagon head plug UE.9034.

Part numbers are as follows:

<u>Displaced</u>	<u>New</u>
UE.7437 Sub-assy cylinder head A & B bank (Standard Cars)	UE.9329
UE.8398 Sub-assy cylinder head 'B' bank (Coachbuilt Cars)	UE.9330
UE.5569 Cylinder head	UE.8649

Core plug hexagon head $\frac{3}{8}$ dia.

2.E.38.

CRANKCASEBENTLEY S.2. SILVER CLOUD II PHANTOM V

A new method of lubricating the cam wheel has been introduced.

The oil was formerly sprayed on the top of the cam wheel via an oil jet inserted into the crankcase; the hole for the jet has been blanked off and the oil is now being directed to the base of the cam wheel. The feed is via a pipe bolted onto the cam shaft thrust plate, this having been specially drilled. The thrust plate bolts are secured by new lock washers in a different pattern; where as previously there were three horizontal and two vertical, these are now diagonal, one horizontal, one securing the new oil jet assembly.

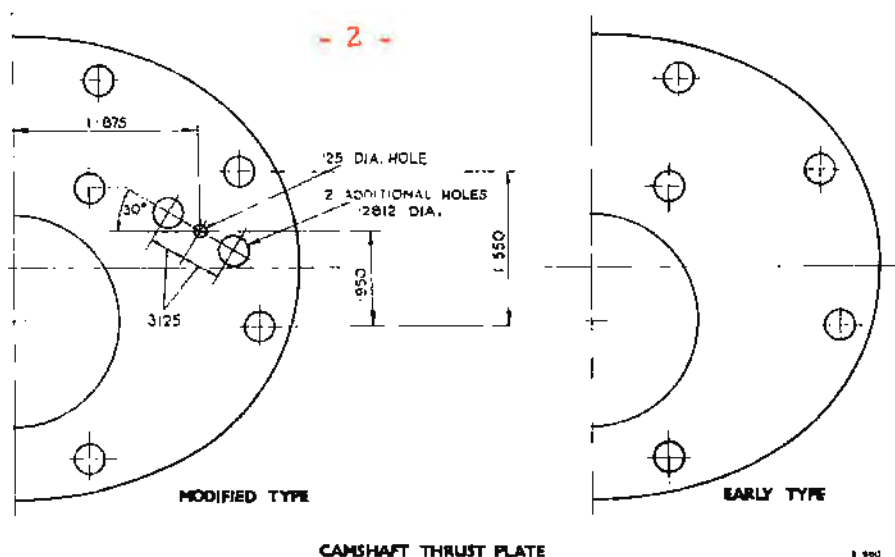
Part numbers are as follows :

<u>Displaced</u>		<u>New</u>
	Assy, Oil Jet Pipe Timing Gear	UE.9064
UE.6155) UE.5367)	Thrust Plate Camshaft	UE.9070
UE.6156	Lockwasher, thrust plate	UE.9068
UE.6157	Lockwasher, thrust plate	UE.9069
	Lockwasher, thrust plate	UE.9083
	Lockwasher, thrust plate	UE.6156
UE.6989	Plug Top Oil Jet Hole Crankcase	UE.9689

The original plate can be modified in accordance with the following illustration.

continued.....

2.E.38.



NOTE

Crankcases supplied in future will have the original oil hole blanked. It is therefore essential that a complete set of the new parts be fitted, if this has not already been done this will consist of;

- 1 off UE.9070
- 1 off UE.9069
- 2 off UE.9068
- 1 off UE.9083
- 1 off UE.6156
- 1 off UE.9064

CRANK CASE

BENTLEY S.2. SILVER CLOUD II, PHANTOM V

The following are the chassis numbers of cars that incorporate the revised method of lubricating the cam wheel.

'D' Series

Bentley S2 Standard Steel Cars

Chassis

B.216.DW, 218, 222, 224, 226 onwards.

'E' Series

Silver Cloud II Standard Steel Cars

Chassis

L.SAE.57 onwards.

'B' Series

Bentley S2 Long Wheelbase

Chassis

L.LBB.30 onwards

'D' Series

Silver Cloud II Long Wheelbase

Chassis

LCD.19 onwards

'C' Series

Bentley S2 Continental

Chassis

BC.139.CZ onwards.

'C' Series

Phantom V

Chassis

5.L.CG.79 onwards

2.E.39.
Issue 4.CRANKCASE ENCLOSED BREATHINGBENTLEY S2 SILVER CLOUD II PHANTOM V

To comply with the latest American legal requirements as regards atmospheric pollution, totally enclosed crankcase breathing is now being fitted on all cars destined for America and also on some home market cars.

This object has been achieved by replacing the original breather pipe and plate assembly with a plain blanking plate. The engine now breathes via the 'B' bank cylinder head push rod bores, and then through an insulated pipe which is connected between the oil filler and steering pump bracket and the butterfly choke housing, both of which incorporate an additional boss onto which the pipe ends are fitted.

A flame trap is fitted at the steering pump bracket end of the pipe.

Parts are not interchangeable and numbers are as follows:-

<u>Displaced</u>		<u>New</u>
UE.5981	Blanking plate, breather facing, crankcase	UE.9463
UE.6198	Assy, oil filler and mounting bracket	UE.32688
UE.5683	Assy, support bracket, steering pump	UE.32823 +
UE.5651	Bracket, steering pump and oil filler	UE.9342 +
	Housing, flame trap, breather pipe	UE.9465
UE.9163	Assy, butterfly housing	UE.9616
	Assy, breather pipe	UE.9459
	Elbow, breather pipe, butterfly housing	UE.9461
	Plug, breather pipe elbow, butterfly housing	UE.9464
	Assy, flame trap, gauze breather	RE.24293
	Clip, manifold drain pipe	UE.9462
UE.6886	Clip, petrol drain pipes	UR.2921
	Setscrew, elbow to plug, butterfly housing	UA.110/Z
	Washer, elbow to plug	UA.1251/Z
	Washer, plug to butterfly housing	KB.1095/R
	Setscrew, elbow to support bracket	UA.114/Z
	Washer, elbow to support bracket	UA.1251/Z

2. E. 39
Issue 4.Displaced

UA. 104/Z Setscrew, blanking plate and clip
 'O' Ring, elbow, flame trap housing
 'O' Ring, elbow to plug housing
 'O' Ring, housing, flame trap
 'O' Ring, breather pipe to elbow
UE. 6821 Assembly, breather baffle
RE. 3529 Clip, main drain pipe to breather
UA. 1501/Z Bolt, clip to breather
K. 4006/Z Nut, clip to breather

New

UA. 105/Z
UE. 9453
CK. 540
CK. 610
RE. 24667

Note: Parts marked thus + are part of UE. 32688 assembly.

- (i) Re-issued to amend part number KB. 1093/Z to KB. 1095/R
- (ii) Re-issued to amend part number UE. 9458 to UE. 9459
- (iii) Re-issued to amend part numbers UE. 9614 to UE. 32688 and
 UE. 9615 to UE. 32823. Latest Production piece numbers.

GENERAL

Replacement engines now being supplied are fitted with dummy plugs containing an inhibiting agent.

The plugs are in short supply and wherever possible they should be returned to Crewe for recharging and further use.

Piece number of the plug is UE.8363.

VALVE ROCKERSBENTLEY S2 SILVER CLOUD II PHANTOM V

An improved rocker, which has had a lubricating hole drilled the full length of the arm is now being fitted.

Rockers are interchangeable and only the drilled ones will be supplied for spares in future.

Part numbers are as follows :

Displaced

UE. 5699	Rocker - Exhaust
UE. 5698	Rocker - Inlet

New

UE. 9695
UE. 9696

VALVE ROCKERSBENTLEY S.2., SILVER CLOUD II, PHANTOM V

The following are the chassis numbers of cars that are fitted with the improved type of valve rockers.

'D' SeriesBentley S2 Standard Steel CarsChassis

B.138.DW 142 onwards

'E' SeriesSilver Cloud II Standard Steel CarsChassis

SAE.353 onwards.

'B' SeriesBentley S2 Long WheelbaseChassis

L.LBB.29 onwards

'D' SeriesSilver Cloud II Long WheelbaseChassis

LCD.3 onwards

'C' SeriesBentley S2 ContinentalChassis

BC.134.CZ onwards.

'C' SeriesPhantom VChassis

5.L.CG.75 onwards

2.E.42.

THERMOSTAT UNIT

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

The thermostat, part number UE.6847, S.2. Schedule Page. A13/1, Item 32 and Page A13. Amendment 1, Item 34, has been adjusted, to improve the car heating by increasing the opening temperature from 68°C to 72°C.

2.E.43.

ROCKER PEDESTAL SETSCREW.BENTLEY S2 SILVER CLOUD II PHANTOM V.

The material of the rocker pedestal setscrew (S.2. Spares Schedule Page A.5. Item 6) has been changed.

Setscrews are interchangeable, and numbers are as follows:

Displaced

UA.110/Z

Setscrew - .250 dia. - Rocker
PedestalNew

UE.9669

HANDBRAKE CABLEBENTLEY CONTINENTAL L.H.

The handbrake cable assembly part number RG.7417, listed in the Bentley 'R' Type Spares Schedule page J.7.A. Item Ref No.1. is applicable to all L.H. cars, other than L.H. Bentley Continentals.

Part number of the handbrake cable assembly fitted to L.H. Bentley Continental cars is RG.6012.

Will all concerned please add this part number to their Spares Schedule.

FOR INFORMATION

FRONT BRAKES

The front brakes on all S series cars, except S 2 Continental, have, until now, incorporated a warning spring, the object of which was to cause an increase in the pedal pressure required to actuate the brakes as the linings became worn.

The spring, however, has not been as effective as was intended, and it has accordingly been deleted together with its supporting bracket and rivet; for an illustration of these parts refer to S type Workshop Manual Section G Sub Section G.5 Fig. G.20.

MASTER CYLINDERS - GIRLING

Improved types of master cylinders are now being fitted. New hole positions behind the crinkly washer are grouped at the bottom of the body to allow air to escape along the uphill run pipe minimising the chance of it reaching the pressure side of the main seal. A rubber band is fitted round the dust cover to prevent ingress of dirt at the rear end of the master cylinder. These master cylinders are distinguished by white paint on the end cap.

A still later modification introduces an improved type of plunger seal. These cylinders can be distinguished by a blue paint mark on the cylinder body, though this may not always be carried out.

All components in these master cylinders are interchangeable with the exception of the plunger seals and, so that seal kit stocks can be kept at a minimum, arrangements have been made for the new ones to include both types of plunger seal; there will always be a surplus one to discard.

The new plunger seals and retaining bands will be included in the old seal kits and they will therefore be interchangeable with the new ones. When stocks are used up only the new kits will be supplied.

Part numbers are as follows:-

Displaced		New
UG.2891	1" Cylinder	UG.3847
UG.2892	3/4" Cylinder	UG.3848
CD.1206	1" Cylinder	CD.2026
CD.1207	3/4" Cylinder	CD.2027

CD.1205, the kit for the single master cylinder system is not affected.

(I) Re-issued in accordance with latest information

(II) Re-issued in accordance with revised service arrangements.

FOUR SHOE BRAKES.

BENTLEY S.2. CONTINENTAL.

A frequent cause of noise from these brakes is the incorrect setting of the shoes.

A special tool has been developed for the purpose and a bulletin will shortly be issued giving instruction in it's use.

Part number of the tool is RH.7119.

BRAKE FLUID SUPPLY TANKBENTLEY S2 SILVER CLOUD II PHANTOM V

Tin plated steel filters are now fitted in the brake fluid supply tank. With the introduction of this new filter a new part number has been allocated to the brake fluid supply tank assembly.

The new filter can be used for all replacements on SI cars.

All parts are interchangeable, and numbers are as follows:-

Displaced

UR.2837 Filter - Brake Fluid Supply Tank
UR.3246 Assy - Brake Fluid Supply Tank

New

UR.5343
UR.5344

REAR BRAKE ADJUSTERBENTLEY S1 AND S2 SILVER CLOUD I AND II PHANTOM V,

A change has been made to the rear brake adjuster which ensures a greater degree of adjustment and, therefore, fuller use of the brake lining.

The component parts are not interchangeable and in future they will not be supplied as separate items.

Part numbers are as follows:

DisplacedNew

UG.795 Assy. - Adjuster Unit

UG.4154

- (1) Re-issued to show that a part number has been allocated to the modified adjuster.

SERVO MOTOR

BENTLEY S.2. CONTINENTAL

47⁰ Servo Cams are now being fitted to Continental cars.
This is being done with the object of reducing the front to rear brake
ratio thus improving stability under heavy braking on slippery roads.

The new part numbers are as follows:-

Assy, Servo Motor	RH.2123
Lever Assy, Inner	UG.2586
Lever Assy, Outer	UG.2587

2.G.6.
Addendu

Servo Motor

Bentley S2 Continental

The following are chassis numbers of Bentley S2 Continental cars which are fitted with the 47° Servo Cams.

'B' Series

Chassis

BC.93.BY to BC.101.BY inclusive.

FRONT BRAKES

BENTLEY S2 CONTINENTAL

The Web and Plate Assemblies part number UG.5037 and UG.5038 (S.2. Spares Schedule Page 1.10 and 1.11, Item 33) will no longer be supplied as spares. They will, in future, be supplied complete with bushes, piece numbers UG.3125 and UG.3126.

2.G.8.

HANDBRAKE CABLE

BENTLEY S2 SILVER CLOUD II PHANTOM V

An additional clip securing the handbrake cable to the rear engine mounting bracket is being fitted.

Piece number of the clip is UD.5288.

2.G.9.

FRONT BRAKESBENTLEY S2 SILVER CLOUD II PHANTOM V

The material of the clevis pins which retain the shoe and carrier assemblies to the wheel cylinders has been changed.

Parts are interchangeable and numbers are as follows:-

<u>Displaced</u>		<u>New</u>
UG.3698	Assy. - Front Brake - RH (Ferodo)	UG.4164
UG.3699	Assy. - Front Brake - RH (Mintex)	UG.4165
UG.3700	Assy. - Front Brake - LH (Ferodo)	UG.4166
UG.3701	Assy. - Front Brake - LH (Mintex)	UG.4167
UG.3134	Assy. - Front Brake - RH (Ferodo)	UG.4168
UG.3136	Assy. - Front Brake - RH (Mintex)	UG.4169
UG.3135	Assy. - Front Brake - LH (Ferodo)	UG.4170
UG.3137	Assy. - Front Brake - LH (Mintex)	UG.4171
UG.2805	Pin - Link - Front Brake Shoe	UG.4160
UG.3639	Pin - Link - Front Brake Shoe	UG.4161

FRONT BRAKESBENTLEY S2 SILVER CLOUD II, PHANTOM V

The following are the chassis numbers of cars that are fitted with the new clevis pins.

'C' SeriesBentley S2 Standard Steel CarsChassis

B.554, CU.

'D' SeriesChassis

B.475, DV Onwards.

'D' SeriesSilver Cloud II Standard Steel CarsChassis

LSZD.381, 483, 493, 503 Onwards

'B' SeriesBentley S2 Long WheelbaseChassis

LBB.21, 25 Onwards

'B' SeriesSilver Cloud II Long WheelbaseChassis

LCB.69

'C' SeriesChassis

LCC.39, 40, 45, 46, 47, 54, 65, 66, 71 Onwards

2.G.9.

- 2 -

'A' Series
Bentley S2 Continental

Chassis
BC.142.LAR.

'C' Series

Chassis
BC.8.CZ. 15, 26, 39, 40, 48, 50, 51, 54, 55, 59, 60,
62 to 69, 71, 72, 73, 75 to 88, 91, 94 Onwards.

'B' Series
Phantom V

Chassis
5.BX.16, 42, 44, 72, 74, 80, 82, 86, 88, 96, 98.

'C' Series

Chassis
5.CG.5, 7, 19, 21, 23, 33 Onwards.

It should be noted that this modification is in the process of retrospective embodiment.

2.G.10.

PEDALSBENTLEY S2 LH, SILVER CLOUD II LH, PHANTOM V LH.

Two washers are now being fitted between the support plates and the upper and lower bellcrank levers in place of the one originally fitted.

They are fitted between the lever and plates on each side instead of on one side only.

Parts concerned are in S.2 Spares Schedule I.13. Ref. Nos. 37 and 38.

In order to accommodate the additional washers it has been necessary to reduce the length of the distance tube and the width of the bellcrank levers.

Piece numbers are as follows :-

<u>Displaced</u>		<u>New</u>
UR. 935	Lever, bell crank, inter brake system	UR. 5776
UR. 952	Distance tube, lever	UR. 5777
	Washer, spacing	K. 4410/Z

PEDALS

BENTLEY S2., LH. SILVER CLOUD II., LH. PHANTOM V., LH.

The following are the chassis numbers of cars that are fitted with the new bell crank lever.

'D' Series

Bentley S2 Standard Steel Cars

Chassis

B.154.LDW onwards on LH cars

'E' Series

Silver Cloud II Standard Steel Cars

Chassis

L.SAE.379 onwards on LH cars

'B' Series

Bentley S2 Long Wheelbase

Chassis

L.LBB 29 onwards on LH cars.

'D' Series

Silver Cloud II Long Wheelbase

Chassis

L.LCD.7 onwards on LH cars

'C' Series

Bentley S2 Continental

Chassis

BC.135.L.CZ onwards on LH cars.

'C' Series

Phantom V

Chassis

5.L.CG.75 onwards on LH cars.

FRONT BRAKESBENTLEY S2, SILVER CLOUD II, PHANTOM V

To enable a higher torque tightening figure to be achieved the material of the 5/16 dia. bolt that secures the wheel cylinders in position has been changed. On Continentals only the .500 dia. nut and bolt have been changed. These can be identified by a groove machined across the hexagon corners.

Parts are interchangeable, and are as follows :-

<u>Displaced</u>		<u>New</u>
UG. 4166	Assy. front brake. L/H (Ferodo)	UG. 4136
UG. 4167	Assy. front brake. L/H (Mintex)	UG. 4137
UG. 4164	Assy. front brake. R/H (Ferodo)	UG. 4138
UG. 4165	Assy. front brake. R/H (Mintex)	UG. 4139
UG. 4170	Assy. front brake. L/H (Ferodo)	UG. 4140
UG. 4171	Assy. front brake. L/H (Mintex)	UG. 4141
UG. 4168	Assy. front brake. R/H (Ferodo)	UG. 4142
UG. 4169	Assy. front brake. R/H (Mintex)	UG. 4143
UG. 1379	Bolt 5/16" dia. wheel cylinder	UG. 4135

The following parts change on Continental only.

UG. 658	Bolt 1/2" dia. wheel cylinder	UG. 4133
UA. 355/Z	Nut 1/2" dia. wheel cylinder	UG. 4134

A Service Bulletin will be issued on this subject shortly.

H. 1.

FRONT SUSPENSIONBENTLEY S. 1. SILVER CLOUD I

UR. 4000/1/2/3 Sealing rings Page No. G. 8. Sl Bentley Spares Schedule Vol. 2 must always be used in conjunction with UR. 3999 retaining ring.

Piece numbers have been issued for assemblies of seals and rings: -

- RH. 2272 Assy - Sealing Ring & Retaining Ring - Upper Bearing Block -
Axle Yoke.
- RH. 2273 Assy - Sealing Ring & Retaining Ring - Upper Bearing Block -
Axle Yoke.
- RH. 2274 Assy - Sealing Ring & Retaining Ring - Upper Bearing Block -
Axle Yoke
- RH. 2275 Assy - Sealing Ring & Retaining Ring - Upper Bearing Block -
Axle Yoke.

FOR INFORMATION

FRONT SHOCK DAMPERS - S2

Studs are fitted into the bearing housings of the front shock damper for the purpose of supporting brake and steering hoses, the former requiring a shorter stud than the latter. The stocking of dampers with the correct type of studs for any particular car would make unnecessary complications and it has therefore been decided to hold dampers without any mounting studs whatsoever. Two short studs for brake hoses and one long one for the steering hose will be supplied loose in a bag with each damper; they should be fitted as required.

Part number of the assembly is RH. 2060.

FRONT SHOCK DAMPERS S. 2.

Some S2 front shock dampers are fitted with tapered pistons which can be identified by the number 378 stamped on the crown. A further external means of identity is a spot of blue paint applied to the body.

Replacement pistons must be the same type as originally used.

Part numbers are as follows:-

Parallel Piston	RF. 7563
Tapered Piston	RH. 7206

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

The part numbers are as follows:-

<u>Displaced</u>		<u>New</u>
UR. 5023	Body - Front Shock Damper) Alternatives.	UR. 5307
UR. 5030	Body - Front Shock Damper) Cars having	UR. 5308
	) Colonial Type	
	) Suspension.	
UR. 3443	Body - Front Shock Damper) Alternatives	UR. 5250
UR. 3463	Body - Front Shock Damper)	UR. 5251
UR. 3536	Washer - Bolt - Mounting	UR. 5184
	Assy Parallel Piston and Pad	RF. 7577
RF. 7577	Assy Tapered Piston and Pad	UR. 5448

(1) Re-issued in accordance with latest production methods.

2.H.3.

Addendum

FRONT SHOCK DAMPERSBENTLEY S2 SILVER CLOUD II PHANTOM V

The following are chassis numbers of cars which are fitted with the new front shock damper bodies.

'C' Series
Bentley S2 (Standard Steel Cars)

Chassis
B.392.CU to B.756. CU Onwards

'C' Series
Silver Cloud II (Standard Steel Cars)

Chassis
SXC.623 to SXC.671 Onwards

'B' Series
Silver Cloud II (Long Wheelbase)

Chassis
LCB.81 to LCB.101 Onwards

'B' Series
Bentley S2 Continental

Chassis
BC.92.BY to BC.101.BY Onwards

'B' Series
Phantom V

Chassis
5.BV.95 Onwards

2. H. 3.

Addendum

- 2 -

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

'C' Series

Bentley S2 (Standard Steel Cars)

Chassis

B.1.CT Onwards
B.2.CU Onwards

'C' Series

Silver Cloud II (Standard Steel Cars)

Chassis

SWC.44 Onwards
SXC.1 Onwards

'A' Series

Bentley S.2. (Long Wheelbase)

Chassis

LBA.18 Onwards

'B' Series

Silver Cloud II (Long Wheelbase)

Chassis

LCB.1. Onwards

'B' Series

Bentley S.2. Continental

Chassis

BC.1.BY Onwards

2.H.3.

Addendum

- 3 -

B Series
Phantom V

Chassis

5.BV.1. Onwards
5.BX.2. Onwards

BENTLEY S.2. SILVER CLOUD II.
REAR STABILISER.

$\frac{3}{8}$ " bolts and nuts are now being used to hold down the frame end of the rear stabiliser.

In order to do this it has been necessary to open out the holes in both the frame bracket and clamp.

Clamps are interchangeable if nuts and bolts are also supplied but it would of course, be necessary to enlarge the holes in the frame; as this can only be done when either the body or rear spring is removed both types of clamp will continue to be required.

Part numbers are as follows:-

<u>Displaced</u>		<u>New</u>
UR.2533	Clamp, Silentbloc Bush Mounting Bracket	UR.5452
UA.153/Z	Bolt, $\frac{3}{8}$ " dia. Clamp	UR.5437
UA.302/Z	Nut, $\frac{3}{8}$ " dia. Clamp	UR.5436

2 J.1.
Issue 2FOR INFORMATIONREAR AXLE - S2

In a few instances the screws securing the crown wheel to the LH differential casing have been found to have slackened off.

In order to check the tendency, and as a temporary expedient, stepped screws have been fitted; tab washers of corresponding diameter are of course also provided.

Eventually the screw holes in the differential plate will be reduced in diameter; the only difference between the new screws and lock plates and the originals will be one of material.

If, in the future, bolts are required for early cars, supply a full set of 18 UG.3927 bolts and UG.3928 tab washers.

The L & RH differential cases are machined together and can only be supplied as an assembly, UG.1068/SA; this will include the modified LH case. If the assembly is supplied as a replacement for early cars then UG.3932 screws, 18 off and UG.3926 lockplates 9 off must also be supplied

If tab washers are required supply UG.3926, nothing more, unless, of course, the stepped bolt has previously been fitted when UG.3928 will be required.

Part numbers are as follows

<u>Displaced</u>		<u>Intermediate</u>	<u>New</u>
UA.205/Z	Bolt	UG.3927	-
UG.1048	Tab Washer	UG.3928	-
UG.3757	Diff. case LH		UG.3925
UG.1048	Lock plate		UG.3926
UA.205/Z	Bolt		UG.3932

(1) Re-issued 30.4.64 To amend paragraph five

REAR AXLE

BENTLEY S2, SILVER CLOUD II PHANTOM V.

The following are chassis numbers of cars which incorporate the above modification.

Chassis numbers of cars which are fitted with stepped screws are as follows:-

'A' Series

Bentley S2 (Standard steel cars)

<u>Chassis</u>	B.106.AM. 108, 143 150, 174, 176, 178, 186, 188, 190, 192, 194, 196, 198, 200, 202, 204, 206, 208, 210, 212, 214, 216, 218, 220, 222, 224, 226, 228, 230, 232, 234, 236, 238, 240, 242, 244, 246, 248, 250, 252, 254, 256.
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Silver Cloud II (Standard steel cars)

<u>Chassis</u>	SRA 45, 49, 59, 61, 65, 69, 77, 81, 85, 89, 93, 101, 105, 113, 117, 121, 123, 125, 131, 133, 135, 137, 149, 153, 155, 157, 161, 163, 165, 169, 185, 187, 203, 205, 207, 209, 211, 213, 215, 217, 219, 221, 223, 225, 227, 229, 231, 233, 235, 237, 239, 241, 243, 245, 247, 249, 251, 253, 255, 257, 259, 261, 263, 265, 267, 269, 271, 273, 275, 277, 279
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LSPA.260

Phantom V

<u>Chassis</u>	5.AS. 57, 61.
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Bentley Continental S2

<u>Chassis</u>	BC.45.AR. 47, 49, 50, 51
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- 2 -

Silver Cloud II (Long Wheelbase)

Chassis LCA. 16, 17, 18.

Chassis numbers of cars which are fitted with the modified Differential Case are as follows:-

'A' Series

Bentley S2 (Standard steel cars)

Chassis B.258.AM, 260, 262, 264, 266, 268, 270, 272, 274, 276, 278, 280, 282, 284, 286, 288, 290, 292, 294, 296, 298, 300, 302, 304, 306, 308, 310, 312, 314, 316, 318, 320, 322, 324, 326, .

Silver Cloud II (Standard steel cars)

Chassis SRA. 139, 281, 283, 285, 287, 289, 291, 293, 295, 297, 299, 301, 303, 305, 307, 309, 311, 313, 315, 317, 319, 321, 323, 325.

Phantom V

Chassis 5.AS.67, 69, 71, 73, 75, 77, 79, 81, 83, 85, 87, 89, 91, 93, 95, 97, 99, 101.

5.AT.2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72, 74, 76, 78, 80, 82, 84, 86, 88, 90, 92, 94, 96, 98, 100.

Bentley Continental S2

Chassis BC.52.AR. 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

- 3 -

Silver Cloud II (Long Wheelbase)

<u>Chassis</u>	LCA. 19, 20, 21, 22, 24, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76.
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REAR AXLE - BENTLEY CONTINENTAL S2.

To improve the performance of Continental cars, the rear axle ratio has been changed from a 13/38 ratio crown wheel and pinion to a 13/40 ratio crown wheel and pinion. With the introduction of this ratio a different speedometer must also be incorporated.

Parts which are not interchangeable, are as follows:-

<u>Displaced</u>	<u>New</u>
UG. 3721 - Pinion - Rear Axle	UG. 3723
UG. 3818 - Bevel Wheel - Rear Axle	UG. 3817
UD. 4257 - Speedometer - MPH/KPH	UD. 5482
UD. 4258 - Speedometer - MPH	UD. 5483
UD. 4259 - Speedometer - KPH	UD. 5484
UD. 4260 - Speedometer - KPH	UD. 5485.

2.J.2.
Addendum

Rear Axle

Bentley S2 Continental.

The following are chassis numbers of Bentley S.2 Continental cars which incorporate the above modification.

'B' Series

Chassis

BC.28, BY.33, 50, 56, 60, 63, 66, 72, 76, 87, 96, 97, 98,
100.

FLOAT - CARBURETTER

PHANTOM III

We have not, unfortunately, been able to obtain further supplies of this part and we shall have to take measures to conserve our small stock.

In future any request for the float must be accompanied by the damaged part which requires replacing.

FUEL PUMPALL POST WAR CARS

A new fuel pump of increased capacity, UD.8137 has been introduced on S2 and II cars.

The new pump can be used for all replacements on post war cars but service units of DB.1935, RD.6903 and UD.1327 will be in use for many years.

Externally the difference between the pumps is in the wiring arrangement. At present a single earth cable runs from one of the mounting studs to the right hand condensor mounting bracket. On the new system an additional cable is connected between the pump units and from there to the left hand condensor mounting bracket.

The new earth cable can be used on S1 series cars, but on Bentley 6 & 7 cars the cable eye which is used for fastening the cable to the condensor mounting bracket has to be changed.

Replacement pumps will be held in stock having the new earth cable and inlet and outlet unions fitted.

Part numbers are as follows :

Earth Cable Assy - Petrol Pump	) S1 & S2 & II	
	) Series Cars	UD.8224
Earth Cable Assy - Petrol Pump	) Bentley 6 &	
	) 7 Cars	RH.2162
Screw - Earth Cable to Petrol Pump		UD.8311
Washer - Earth Cable to Petrol Pump		K.4446/Z
Petrol Pump Assembly	) S1 and S2 and II	
	) Series Cars	RH.2164
Petrol Pump Assembly	) Bentley 6 & 7	
	) Cars	RH.2165

CARBURETTERSILVER WRAITH LONG WHEELBASE ELW-HLW

The section of the spares schedule which deals with the S.U, carburetters on these cars omits details of the UE.2717-8 carburetters.

Will you please make the following additions

- (1) Against CD.501 add note 'A'
- (2) Under CD.501 insert 'Bolt, float chamber retaining' CD.749.
8 off, note 'O'.
- (3) Against CD.506 add note 'N'
- (4) Under CD.506, insert 'Chamber suction & piston assembly CD.592.
2 off, note 'O'.
- (5) Under CD.507 insert 'Damper assembly' RE.15871, 2 off note 'N'.
- (6) Against CD.508 add note 'O'.
- (7) Against RE.14734 add note 'N'.
- (8) Under RE.14734 insert 'Disc Throttle', CD.589, 2 off note 'O'.
- (9) Against CD.511 add note 'N'
- (10) Under CD.511 insert 'Jet Assembly' CD.590, 2 off note 'O'
- (11) Against CD.516 add note 'N'
- (12) Under CD.516 insert 'Pin, piston lift' CD.748, 2 off note 'O'.
- (13) Against RE.7284 add note 'N'.
- (14) Under RE.7284 insert CD.591, 'Pin Tickler', CD.591 2 off note 'O'
- (15) Against CD.522 add note 'N'.
- (16) Under CD.522 insert CD.595, 'Spindle', throttle front carburetter,
1 off, note 'O'.
- (17) Against CD.523, add note 'N'.
- (18) Under CD.523 insert CD.596, 'Spindle, throttle, rear carburetter'
1 off, note 'O'
- (19) Against CD.529 add note *
- (20) On the bottom of the group insert 'Note * After note 'N' the
lift pin washer becomes CD.750.

AIR SILENCER - S2.

Assemblies have been issued for S2 type Air Silencers complete. They are RH. 2065, 6, 7 for Continental S2, Phantom V and all other S2 cars respectively. The only difference between these assemblies is the front and rear hinge brackets, and it is suggested, therefore, that only stocks of the Standard S2 Silencer need be held, together with a supply of Continental and Phantom V brackets so that conversion can be made as necessary.

Bracket Part Numbers are :-

UE. 6352/3	Front & Rear Standard
UE. 6574, UE. 6586	Front & Rear Continental
UE. 7329, UE. 7331	Front & Rear Phantom V.

AIR CLEANER

The S2 silencer body is of fibre glass construction the element cover of which is secured by a stud and knurled nut. The stud is held in the base of the silencer by two nuts and two plain washers these being sealed by a pair of rubber pads. It has been found that there is a tendency for the pads to spread and spill out over the edge of the washers and in order to prevent this dished washers are now being fitted instead of plain.

Part number of the new washer is UE. 7405

AIR CLEANER

The lower element seal in the air cleaner fitted to early S2 cars was occasionally found to be of insufficient thickness and the remedy was simply to fit two seals in place of one. A thicker single seal is now being fitted and is the only one which will be required although stocks of the original can be used up.

Part numbers are:-

Displaced

UE. 6384 Seal.

New

UE. 8121

CONTROLS

There is a tendency for the fast idle cam lever screw head to foul the carburettor float chamber; in order to obviate this a grub screw has been substituted.

Part numbers are:-

Displaced

RE. 17013

Screw

New

UE. 7964

AUTOMATIC CHOKE

Difficulty is sometimes experienced in starting a partly warmed engine. Several detail changes have been made, to alleviate the condition, which include the fitting of a temperature sensitive switch, as used on previous automatic choke S. U. carburation systems, a modified butterfly valve, a cover for the thermostatic coil housing and the lagging of the pipes from exhaust manifold to choke butterfly housing and coil housing. All sections of this alteration are independent of each other and parts are interchangeable, it should be noted that this is a retrospective modification.

Part numbers are:-

Displaced		New.
UE. 6227	- Valve - Choke - Butterfly	UE. 8230
UE. 6433	- Assy - Air Pipe - Butterfly - Housing Ex. Manifold	UE. 8233
UE. 6252	- Assy - Air Pipe - Exhaust Manifold Coil Housing	UE. 8232
	Otter Switch	UD. 1819
	Cover - Thermostat Coil - Automatic Choke	UE. 8264

AUTOMATIC CHOKE

BENTLEY S2, SILVER CLOUD II, PHANTOM V

The following are chassis numbers of cars which incorporate the above modification.

Chassis numbers of cars which are fitted with the Otter switch are as follows:-

'A' Series

Silver Cloud II (Long Wheelbase)

<u>Chassis</u>	LCA.4, 31, 33, 34, 36, 37, 40, 41, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76.
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Phantom V

<u>Chassis</u>	5.AS 21, 25, 33, 51, 67, 73, 75, 79, 87, 89, 5.AT 2, 4, 6, 10, 12, 14, 16, 18, 20, 22, 24, 26, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72, 74, 76, 78, 80, 82, 84, 86, 88, 90, 92, 94, 96, 98, 100.
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Bentley Continental S.2.

<u>Chassis</u>	BC.8.AR 12, 20, 22, 41, 44, 52, 54, 55, 58, 60, 64, 67, 68, 71, 72, 74, 76, 79, 81, 82, 83, 84, 86, 87, 90, 91, 92, 94, 95, 96, 97, 98, 99, 100, 103, 104, 106 to 151 inclusive.
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Bentley S2 (Standard steel cars)

<u>Chassis</u>	B.112.LAM.
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'B' Series.

Chassis B.45 BR 75, 95, 99, 117, 119, 121, 133, 135, 145, 147, 155, 159, 161, 163, 167, 169, 171, 175, 177, 179, 181, 183, 185, 187, 189, 191, 195, 199, 201, 203, 205, 207, 211, 213, 217, 219, 225, 227, 229, 231, 233, 235, 239, 241, 247, 249, 251, 253, 255, 257, 259, 261, 263, 265, 267, 269, 271, 273, 277 to 501 odd numbers only.

B.2.BS to B.500 BS, even numbers only.

Silver Cloud II (Standard steel cars)

Chassis LSPA 260.
LSRA 295.

'B' Series

Chassis STB 28, 152, 172, 218, 298, 318.
SVB.99.

Chassis numbers of cars which are fitted with the lagged air pipes are as follows:-

'A' Series

Silver Cloud II (Long Wheelbase)

Chassis LCA.4, 31, 33, 34, 36, 37, 40, 41, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76

Phantom V.

Chassis 5.AS.21, 25, 33, 51, 53, 75, 79, 87, 89, 97.

5.AT.10, 12, 14, 18, 20, 22, 24, 26, 30, 32, 34, 36, 38, 40, 42, 46, 48, 50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72, 74, 76, 78, 80, 82, 84, 86, 88, 90, 92, 94, 96, 98, 100.

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Bentley Continental S.2.

Chassis BC.12.AR 20, 22, 41, 44, 52, 54, 55, 58, 60, 64, 67, 68
71, 72, 74, 76, 79, 81, 82, 83, 84, 86, 87, 90, 91, 92,
94, 95, 96, 97, 98, 99, 100, 104, 106, 109, 112, 113, 114,
115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126,
127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138
139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150,
151.

Bentley S2 (Standard steel cars)

Chassis B.112.LAM.

'B' Series

Chassis B.45.BR 75, 95, 119, 121, 133, 135, 147, 161, 163, 167,
169, 177, 185, 187, 203, 213, 217, 219, 221, 225, 227, 235,
241, 247, 249, 251, 253, 255, 257, 259, 261, 263, 265, 267,
269, 271, 273, 277, 279, 281, 285, 287, 289, 291, 293, 295,
299, 301, 303, 305, 307, 309, 311, 313, 315, 317, 319, 321,
323, 325, 329, 331, 335, 337, 339, 343, 345, 347, 349, 351,
353, 355, 357, 359, 361, 363, 367, 369, 371, 373, 375, 377,
379, 381, 383, 385, 387, 389, 393, 395, 397, 399, 401, 403,
405, 409 to 501 odd numbers only.

Chassis B.2 BS to B.500 BS even numbers only

Silver Cloud II (Standard steel cars)

Chassis LSPA.260
LSRA.269, 295.

'B' Series

Chassis STB 28, 152, 172, 218, 298, 318, 410
SVB 63, 99.

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Chassis numbers of cars which are fitted with the bi-metal cover are as follows:-

'A' Series

Silver Cloud II (Long Wheelbase)

Chassis LCA 4, 31, 33, 36, 37, 40, 41, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76.

Phantom V

Chassis 5.AS.21, 25, 33, 51, 57, 67, 73, 75, 79, 89, 97.
5.AT.10, 12, 14, 18, 20, 22, 24, 26, 30, 32, 34, 36, 38, 40, 42, 46, 48, 50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72, 74, 76, 78, 80, 82, 84, 86, 88, 90, 92, 94, 96, 98, 100.

Bentley Continental S2

Chassis BC.12.AR. 20, 22, 41, 44, 54, 55, 58, 60, 64, 67, 68, 71, 72, 74, 76, 79, 81, 82, 83, 84, 86, 87, 90, 91, 92, 94, 95, 97, 98, 99, 100, 104, 106, 109, 112, 114, 115, 116, 117, 118, 122, 124, 125, 126, 128, 130, 131, 132, 133, 134, 135, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151.

Bentley S2 (Standard steel cars)

Chassis B.112. LAM

'B' Series

Chassis B.95.BR. 119, 121, 133, 135, 147, 161, 163, 167, 169, 177, 185, 187, 203, 213, 217, 219, 221, 225, 227, 235, 241, 247, 249, 251, 253, 255, 257, 259, 261, 263, 265, 267, 269, 271, 273, 277, 279, 281, 285, 287, 289, 291, 293, 299, 301, 303, 305, 307, 309, 311, 313, 315, 317, 319, 321, 323, 325, 329, 331, 335, 337, 339, 343, 345, 347, 349, 351, 353, 355, 357,

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Chassis 359, 361, 363, 367, 369, 371, 373, 375, 377, 379, 381, 383, 385, 387, 389, 393, 395, 397, 399, 401, 403, 405, 409 to 433 and 437 to 501 odd numbers only.

B.2.BS to 74 even numbers only, 80, 82, 84, 88 to 164 even numbers only. 168 to 240 even numbers only. 244, 248, 250, 254, 258 to 500 even numbers only.

Silver Cloud II (Standard Steel Cars)

Chassis LSRA 269, 295.

'B' Series

Chassis STB 152, 298, 318, 410.
SVB. 63, 99.

Chassis numbers of cars which are fitted with the new butterfly choke valve are as follows:-

'A' Series

Silver Cloud II (Long Wheelbase)

Chassis LCA. 4, 31, 34, 37, 40, 41, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76.

Phantom V

Chassis 5,AS 21, 25, 33, 87.

5.AT. 10, 14, 20, 22, 24, 26, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72, 74, 76, 78, 80, 82, 84, 86, 88, 90, 92, 94, 96, 98, 100.

Bentley Continental S2

Chassis BC.20. AR 22, 52, 55, 81, 82, 84, 86, 90, 91, 92, 96, 97, 99, 100, 104, 106, 109, 112, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151.

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Bentley S2 (Standard steel cars)

'B' Series

Chassis B.121.BR. 133, 135, 161, 185, 187, 219, 221, 225, 227, 251, 253, 255, 257, 259, 263, 265, 269, 271, 273, 277, 281, 285, 293, 295, 299, 303, 305, 309, 311, 313, 315, 317, 319, 321, 323, 335, 337, 339, 343, 345, 347, 349, 353, 355, 357, 359, 361, 363, 367, 371, 373, 375, 377, 379, 381, 383, 385, 387, 389 to 455 odd numbers only. 459, 461, 463, 465, 467, 471, to 501 odd numbers only.

B.2.BS. 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 34 to 134 even numbers only. 138 to 500 even numbers only.

Silver Cloud II (Standard steel cars)

'B' Series

Chassis STB.410.
SVB.99.

All the above items are for retrospective fitment, and earlier cars may have been fitted with these pieces at a service station.

CONTROLS S2 LH.

The plain pin which retains the throttle stop lever to the cross shaft, has a tendency to work loose; in order to obviate this a split pin has been substituted.

Part numbers are:-

Displaced

New.

UE.7831 Pin - Cross Piece

K.4601/Z

K.7.

PETROL TANKS

The increased use of salt and other chemicals, on the roads, as a means of clearing ice and snow frequently creates corrosion problems.

A part which is sometimes attacked is the petrol tank, particularly in the area of the support straps.

When fitting new or service tanks it is recommended that the canvas packings should also be replaced.

If this is not possible then the originals should be carefully washed before further use.

2. K. 7.

AIR SILENCERBENTLEY S2, SILVER CLOUD II, PHANTOM V

Some improvements to the internal construction and detail components of the Silencer have been made.

From the spares point of view, the changes are in the method of sealing the element and none of the parts are interchangeable except the complete R.I assemblies. It will be noticed that the lower seal has reverted to the original thin type UE.6384.

Part numbers are as follows:-

<u>Displaced</u>		<u>New</u>
UE.6841	Casing Assy	UE.8342
UE.7119	Cover Assy	UE.8168
UE.7041	Stud, cover	UE.8163
	Spider Assy	UE.8198
UA.6102/Z	Washer, cover	UE.7405
UE.8121	Seal, lower	UE.6384
	Seal, upper (additional and not to be confused with the cover seal which is unchanged.)	UE.8169
UE.7042	Nut, stud, cover	UA.351/Z

2.K.8.

AIR SILENCER

BENTLEY S2, SILVER CLOUD II, PHANTOM V.

Information Sheet 2.K.7 has necessitated additional RH numbers,
for complete air silencers given on 2.K.1.

These are as follows :

RH.2076	Continental
RH.2077	Phantom V
RH.2078	All others except the above.

As before we suggest that only RH.2078 need be stocked together
with the hinge brackets, part numbers of which are unchanged.

CARBURETTERSBENTLEY S.2. SILVER CLOUD II, PHANTOM V.

There has been a change of part numbers on the SU carburetters fitted to these cars; parts are interchangeable.

DisplacedNew

UE.7365

Carburetter A Bank

UE.8429

UE.7366

Carburetter B Bank

UE.8430

2.K.9.
Addendum

Carburetters.

Bentley S2 Silver Cloud II. Phantom V.

The following are chassis numbers of cars which are fitted with the new carburetters:

'B' Series
Bentley S2 (Standard Steel Cars)

Chassis

B.286.BS, 288, 290, 412, 414, 424, 430, 432, 434, 438, 446, 448, 452 to 500. Even numbers only.

'C' Series

Chassis

B.1.CT to B.445.CT. Odd numbers only.
B.2.CU to B.756.CU. Even numbers only.

'B' Series

Silver Cloud II (Standard Steel Cars)

Chassis

SVB.497

'C' Series

Chassis

SWC.116, 130, 132, 134, 138, 148 to 158, 166 to 184, 188 to 730. Even numbers only.

SXC.1 to SXC.671, Odd numbers only.

2.K.9.
Addendum

- 2 -

'A' Series

Bentley S.2. (Long Wheelbase)

Chassis

LBA.19 to 26 Inclusive

'B' Series

Silver Cloud II (Long Wheelbase)

Chassis

LCB.6 to LCB.101 Inclusive.

'A' Series

Bentley S.2. Continental

Chassis

BC.102.AR, 110, 117, 120, 121, 125, 128, 139, 146, 149, 150,
151.

'B' Series

Chassis

BC.1.BY to BC.101.BY Inclusive

'A' Series

Phantom V.

Chassis

5.AT.8, 34, 48, 74 to 100 Even numbers only.
5.AS.59, 87.

2.K.9.
Addendum

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'B' Series

Chassis

5.BV.1 to 5.BV.101. Odd numbers only.
5.BX.2, 4, 6.

FAST IDLE CAM BRACKET

BENTLEY S2, SILVER CLOUD II, PHANTOM V

The method of mounting the fast idle cam bracket has been modified.

Under the present arrangement the bracket is fitted between the manifold 'T' piece and the butterfly housing support bracket a system which necessitates two joint faces.

The bracket will now be fitted on the outside of the support bracket and a joint face is thereby eliminated.

The new fast idle cam bracket cannot be used on earlier cars but the new butterfly housing support bracket can be used on all cars.

With the elimination of the joint face the joint also is dispensed with.

Part Numbers are as follows:-

<u>Displaced</u>	<u>New</u>
UE.6223 Support bracket, butterfly housing	UE.7178
UE.6293 Bracket assy, fast idle cam	UE 7200
UE.6238 Joint	

Fast Idle Cam Bracket.

Bentley S2 Silver Cloud II Phantom V.

The following are chassis numbers of cars which are fitted with the new fast idle cam bracket.

'B' Series

Bentley S2 (Standard Steel Cars)

Chassis

B.458.BS, 462 to 500. Even numbers only.

'C' Series

Chassis

B.1.CT to B.445.CT Odd numbers only.

B.2.CU to B.756.CU Even numbers only.

'C' Series

Silver Cloud II (Standard steel cars)

Chassis

SWC.184, 188 to 256, 260 to 730. Even numbers only.

SXC.1 to SXC.671. Odd numbers only.

'A' Series

Bentley S2 (Long Wheelbase)

Chassis

LBA.19 to 26 Inclusive

2.K-10
Addend

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'B' Series
Bentley S2 (Long Wheelbase)

Chassis

LCB.8, 10 to 101 inclusive.

'B' Series
Bentley S2 Continental

Chassis

BC.3.BY to BC.101.BY inclusive

'A' Series
Phantom V

Chassis

5.AT.82 to 86, 92 to 100. Even numbers only.

'B' Series

Chassis

5.BV.1 to 5.BV.101 Odd numbers only
5.BX.2, 4, 6.

CARBURETTER

BENTLEY S2 SILVER CLOUD II PHANTOM V

The material of the float chamber union has been changed from brass to steel.

Present stock of brass unions to be used up.

Unions are interchangeable and part numbers are as follows :-

Displaced

UE. 2907 Union

New

UE. 8624

ACCELERATOR PEDAL STOP

BENTLEY S2 SILVER CLOUD SII PHANTOM V R.H. CARS

An adjustable on stop is to be provided for the accelerator pedal. It consists simply of a screw and threaded bush, in the toeboard on the body side. A rubber pad stuck to the back of the pedal provides contact.

These parts supersede the stop which was fitted to the outside of the toeboard.

Parts, which are not interchangeable, are as follows:-

<u>Displaced</u>		<u>New</u>
UR.4887	On Stop bracket	-
UR.1234	Button, on stop bracket	-
	Set screw	UR.5218
	Washer, set screw	UR.5219
	Rubber pad, accelerator pedal	UR.5220

ACCELERATOR PEDAL STOP

BENTLEY S.2.SILVER CLOUD II PHANTOM V

R.H.CARS

The following are chassis numbers of cars which incorporate the above modification.

'C' Series

Bentley S2 (Standard Steel Cars)

Chassis

B.186.CU, 188, 192, 196, 200, 204, 208, 212, 216, 218, 220, 224 to 232, 236, 240, 244, 246, 248, 252, 254, 260, 264, 268, 272 to 284, 288, 292, 296 to 302, 306, 310, 312, 314, 318, 320, 326 to 346, 352, 358, 362 to 388, 392 to 426, 430 to 464, 468 to 490, 496, 500 to 532, 536 to 572, 576 onwards on RH cars.

'C' Series

Silver Cloud II (Standard Steel Cars)

Chassis

SXC,167, 239, 243, 247, 251, 253, 257, to 265, 269 273, 277, 279, 283, 287, 291, 295, 299, 303, 307, 311, 315, 319, 325, 329, 333, 337, 341, 345, 347, 351, 355, 361 to 369, 373, 377 to 391, 395 to 409, 413, 415, 419, 421, 425, 427, 431, 433, 439 to 451, 455 to 465, 469, 473, 475, 477, 479, 483 to 497, 501 to 509, 513 to 521, 525 to 533, 537 to 589, 601, 603, 607 to 623, 633 to 653, 657, 661 to 671 onwards on RH cars.

'A' Series

Bentley S2 (Long Wheelbase)

Chassis

LBA 25, 26 onwards on RH cars

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'B' Series
Silver Cloud II (Long Wheelbase)

Chassis

LCB.61. 63. 64. 68 to 72, 75, 76, 79, 81, 83, 84, 86
88, 91, 92, 94 onwards on RH cars.

'B' Series
Bentley S2 Continental

Chassis

BC.69.BY. 71, 72, 75, 77, 78, 80, 81, 83 to 86, 88, 89,
91 to 95, 97, 99 onwards on RH cars.

'B' Series
Phantom V

Chassis

5.BV.51, 53, 55, 61, 67, 71, 73, 79, 81, 87, 89, 93,
97, 99 onwards on RH cars.

CARBURETTER CONTROLS

BENTLEY S2, SILVER CLOUD II, PHANTOM V.

L.H. CARS.

Modifications have been made to the carburetter controls, on LH cars, which incorporate a considerable proportion of the system already in use on RH cars. The rods and shafts which connect the accelerator pedal to the carburetter, via a rubber bush mounted on the dash, have been eliminated. In place of this the pedal connects to an isolating link mechanism, fitted between the underside of the pedal mounting and an extension to the rear near side engine mounting bracket; from here connection is made by rod to a three way balance lever mounted on the flywheel bell housing. Connection from this lever to the carburetter is identical to that at present fitted to RH cars and appearing in the S2 Spares Schedule, Section B.7, from item Reference No. 66 upwards.

The remaining arm of the balance lever is connected by rod to the TV control lever on the gearbox. The modification made to this lever on RH cars, and explained in Information Sheet 2.T.2 has been introduced on LH cars. These two unconnected modifications have been introduced together and are thus dependent on each other but only by virtue of the length of the TV control rod.

Part numbers, none of which are interchangeable unless stated to the contrary, are as follows:-

<u>Displaced</u>		<u>New</u>
UR 5003	Accelerator Pedal Assy	UR 5262
GB 5097	Pull off spring, accelerator	UR 5265
	Bracket assy isolating link	UR 5179
	Side Plate, isolating links O.S	UE 8081
	Side Plate, isolating links N.S.	UE 8082
	Rod isolating links to balance lever	UE 8083
	Rod pedal lever to isolating links	UE 8085
	Bush, clamping, isolating links	UE 8086
	Link isolating, centre, assy	UE 8091
	Tie rod, isolating link	UE 8090

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Displaced

New

	Balance lever Assy	UE. 8094
	Distance tube short , isolating link	UE. 8096
	Distance tube long, isolating link	K 9747/Z
	Link, pull off spring, accelerator pedal	UE. 8309
UE. 7834	Control rod assy, cross to throttle	
UE. 1859	Jaw assy, control rod	
RG. 5763	Bush, clamping jaw, control rod	
UE. 8049	Operating lever and throttle shaft	
UE. 7828	Flanged bush assy, shaft	
UE. 7835	Connecting shaft assy, throttle	
UE. 7830	Cup washer cross piece	
UE. 7816	Spring, steady connecting shaft	
UE. 8052	Throttle assy and stop levers carburetter	
UE. 7782	Throttle lever, carburetter	
UE. 7821	Throttle return spring	
UE. 7820	Distance piece, return spring	
UE. 6364	Link throttle return spring	
UE. 7837	Lever assy, throttle 'A' bank carburetter	
UE. 7822	Rod, carburetter lever to manifold lever	
UE. 7812	Rod, coupling, carburetter lever	
UE. 7806	Lever, carbs, to manifold shaft	
UE. 7829	T. V. control shaft assy	
UE. 7815	Lever, T. V. control, bell housing	
UE. 7847	Control rod bell housing to gearbox	
UR. 5038	Stop, lever, accelerator pedal linkage	
UR. 5057	Link pull off spring accelerator pedal	
RG. 6025	Link pull off spring accelerator pedal	
UR. 4623	Bracket LH rear engine mounting	UE. 8350
	(Interchangeable - use early part only on cars not fitted with alteration)	
UE. 7564	Bell housing assy	UE. 8516
	(The only reason why these are not i/c is the pivot lever below)	
UE. 7811	Pivot, balance lever	UE. 8517
UE. 7800	Stop bracket, throttle lever	

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Displaced

New

UE.7863	Distance piece, throttle shaft
UG.108	Spring, throttle control shaft
UE.6366	Distance piece, control shaft
UE.7813	Control rod, bell housing to manifold layshaft

Addendum

CARBURETTER CONTROLSBENTLEY S2 SILVER CLOUD II PHANTOM VL.H. CARS

Since the original issue on this subject further slight modifications have been carried out to the isolating link bracket assy and to the long and short distance tubes. The modifications to these tubes are to ensure that the isolating link rubber bushes are compressed correctly. They consist of reducing the internal diameter of the bracket tube so that the rubber bushes are a tighter fit, and a reduction in diameter of the short distance tube. The long distance tube has been increased in length by .050.

The bracket is interchangeable if the short distance tube is also supplied. The long distance tubes are interchangeable.

Part numbers are as follows:-

<u>Displaced</u>		<u>New</u>
UR.5179	Assy - bracket isolating link	UR.5451
UE.8096	Distance tube short, isolating link	UE.9115
K.9891	Distance tube long, isolating link	K.9747/Z

AUTOMATIC CHOKEBENTLEY S.2. SILVER CLOUD II PHANTOM V

Several improvements have been recently introduced to the automatic choke system, the majority of them dealing with the transfer of heat to the thermostatic coil.

An absorber, termed a heatsink, has been introduced into the coil housing and cover, the cover itself now being lined with asbestos fabric; a cover lined with the same material has been fitted round the hot air pipe union with the coil cover and the air bleed hole, in the housing, has been enlarged.

Some machining of the coil housing has been necessary to provide space for the heatsink and this has been further increased by replacing the twin thermostat spring by a single one with a shortened bracket and spindle.

Insulation is improved still further by fitting a thick Klingerite joint between the thermostat cover and butterfly housing in place of the existing paper one; this means a longer locating pin in the housing, and this is the only difference between the old and the new assemblies.

Alterations not connected with the thermostatic coil consist of a modified fast idle cam and an ~~TY~~ carburetter jet needle. The .002 oversize carburetter damper pistons have been discontinued and the standard size as used on S.1. cars is now being fitted.

Piece numbers are as follows:-

<u>Displaced</u>		<u>New</u>
UE.9113	Thermostat coil assy	UE.9285
* UE.5520	Bracket, thermostat	UE.9169
* UE.5532	Spindle, thermostat	UE.9167

2.K.14

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<u>Displaced</u>		<u>New</u>
* RE.17038	Coil, thermostat	UE.9168
	Tapping plate cover	UE.9172
UE.8264	Cover, thermostat cover	UE.9170
UE.6748	Locating pin, butterfly housing	UE.9164
	Heatsink	UE.9173
UE.6219	Cover, thermostat coil	UE.9175
UE.6265	Butterfly housing assy.	UE.9163
* UE.6220	Housing, coil assy	UE.9174
UE.6232	Joint, cover to housing	UE.9176
	'O' Ring, heatsink	UE.9253
UE.6295	Fast Idle cam	UE.9208✕
KB.1078/Z	Fibre washer, hot air pipe	UE.5994
	Insulation cover, union and nut, hot air pipe	UE.9217
	Insulation cover, thermostat cover	UE.9216
UE.8429	Carburetter, 'A' Bank	UE.8974
UE.8430	Carburetter, 'B' Bank	UE.8975
RE.15210	Jet needle 'SH'	
	Jet needle 'SY'	UE.8958

Items marked * are part of the thermostat
coil assy.

Addendum 2.K.14.

AUTOMATIC CHOKE

BENTLEY S2 SILVER CLOUD II PHANTOM V

Since the original issue of this information sheet an improved type of fast idle cam has been introduced.

Piece numbers are as follows:-

Displaced

New

UE.9208 Fast Idle Cam

UE.9451

Automatic Choke

Bentley S2 Silver Cloud II Phantom V

The following are chassis numbers of cars which incorporate the heatsink modification.

'B' Series

Bentley S2 (Standard Steel Cars)

Chassis

B.164.BS, 246, 494

'C' Series

Chassis

B.99.CT, 369, 407 to 411, 417, 437, 445

B.50.CU. 94, 104, 108, 116, 134, 152, 160, 180,
194, 198, 206, 210, 214, 234, 262, 327, 360, 402,
430, 574, 710, 722, 726, 742, 754.

'D' Series

Chassis

B.7.DV, 31, 33, 37, 39, 41, 49, 51, 55, 61 to 79,
83 to 155, 159 to 171, 175 Onwards.

'C' Series

Silver Cloud II (Standard Steel Cars)

Chassis

SWG.139, 437, 524, 728.

SXC.3, 99, 163, 169, 179, 289, 335, 499, 637.

2.K.14

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'D' Series

Chassis

SYD.118, 162, 170, 172, 240, 264, 266, 282, 292,
294, 326, 336, 340, 348, 350, 356, 358, 360, 364,
370, to 380, 384, 386, 388, 392, 394, 396, 400 to
418, 422, 424, 426, 430, to 436, 440 to 452, 458
to 482, 488 Onwards.

'B' Series

Bentley S2 (Long Wheelbase)

Chassis

LBB.10 onwards

'B' Series

Silver Cloud II (Long Wheelbase)

Chassis

LCB.16. 85

'C' Series

Chassis

LCC.1, 4 to 7, 9, 10, 11, 14 to 18, 20, 21, 22,
24 Onwards.

'A' Series

Bentley S2 Continental

Chassis

BC.151.AR.

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'B' Series

Chassis

BC.65.BY, 68, 70, 73, 81, 83, 85, 88, 90, 95.

'C' Series

Chassis

BC.9.CZ. 18, 24, 32, 35, 37 onwards

'B' Series

Phantom V.

Chassis

5.BV.23, 49, 85, 101

5.BX.10, 22, 26, 38, 52 onwards.

PETROL TANKBENTLEY S.2 SILVER CLOUD II PHANTOM V

The formation of air pockets in the top of the petrol tank on these cars has sometimes prevented them from being filled to maximum capacity.

A breather has now been provided in the top of the tank and a similar aperture is let into the top of the filler tube. The two are connected by a hose which passes through a hole in the luggage floor.

A rubber grommet is fitted into the hole.

Neither filler or tank is interchangeable but, in an emergency, ways could be found to seal the vents in either of them.

If a new tank is being fitted it may be considered worth while to modify completely.

Part numbers are as follows:-

PHANTOM V ONLY

<u>Displaced</u>		<u>New</u>
UR.3896	Filler Tube Assy	UR.5386
	Tube	UR.5384
UR.3755	Tank	UR.5382

Continued.....

2.K.15

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BENTLEY AND SILVER CLOUDDisplaced

UR.2775 Filler Tube Assy
Tube
UR.387 Tank

New

UR.5356
UR.5358
UR.5361

COMMON PART

Grommet

UR.5391

Addendum 2.K.15.

PETROL TANK

BENTLEY S2 SILVER CLOUD II PHANTOM V

The following are chassis numbers of cars which incorporate the petrol tank breather modification.

'D' Series

Bentley S2 (Standard Steel Cars)

Chassis

B.81.DV Onwards

'D' Series

Silver Cloud II (Standard Steel Cars)

Chassis

SYD.408 Onwards

'B' Series

Bentley S.2. (Long Wheelbase)

Chassis

LBB.11 Onwards

'B' Series

Silver Cloud II (Long Wheelbase)

Chassis

LCB.81.

'C' Series

Chassis

LCC.8, 16 Onwards

'A' Series

Bentley S.2. Continental

Chassis

BC.151.AR.

Addendum 2.K.15.

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'B' Series

Chassis

BC.65.BY. 68, 70, 73, 90, 97, 101.

'C' Series

Chassis

BC.1.CZ. 4, 9, 23, 25, 28 Onwards

'B' Series
Phantom V.

Chassis

5.BX.10, 64, 68 Onwards

FUEL TANKBENTLEY S2 SILVER CLOUD II 123" and 127" WHEELBASE

An additional fuel tank is now being offered as an extra item at customer's request.

The tank is mounted under the spare wheel floor and no luggage space has been lost.

Two hoses connect the main and auxiliary tanks. The outlet to the filler is from the auxiliary tank.

Apart from modifications to the main fuel tank the fitting of the extra tank is a fairly straight forward operation. Should customers wish to have an extra tank fitted to an existing car an allowance of £7 can be made for tanks returned in good condition.

The new main tank is vented to the filler tube in accordance with Information Sheet 2. K. 15 and these parts also have to be fitted.

A thermal delay switch is necessary to eliminate undue flickering of the fuel level warning light.

Part numbers are as follows:-

Displaced
at customer's
request only

New

	Elbow filler tube, main to extra tank	UR. 5293
	Bolt, tensioning strap, extra tank	UR. 5294
	Washer, stiffening strap LH	UR. 5297
	Washer, plain, support strap	UR. 5298
	Washer, stiffening strap support LH	UR. 5300
	Washer, stiffening strap support RH	UR. 5301
	Strap assy, fuel tank RH	UR. 5312
	Strap assy, fuel tank LH	UR. 5313
UR. 387	Main tank assy	UR. 5314
	Packing block, extra tank	UR. 5537
	Packing strip, extra tank	UR. 5373

2.K.16

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**Displaced
at customer's
request only****New**

	Packing strip, support strap	UR.5374
UR.358	Electric gauge unit	UR.5390
	Extra tank	UR.6070-
UR.3253	Pipe tank to filter (123" cars)	UR.5375
UR.4590	Pipe tank to filter (127" cars)	UR.5376
	Pipe, vent, extra tank to main tank	UR.5377
	Filler tube RH, main tank to extra tank	UR.5378 (UR5750)
	Filler tube LH, main tank to extra tank	UR.5379
UD.5046	4 in 1 instrument (Rolls-Royce)	UD.8098
UD.5047	4 in 1 instrument (Bentley)	UD.8099
UD.5284	Fuel gauge	UD.8129
	Thermal delay switch	UD.8186
	Filler tube assy	UR.5356
	Tube, vent	UR.5358
	Grommet	UR.5391
	Tubing nut, vent pipe	UR.10954
	Ferrule, tubing nut, vent pipe	UR.10955
UB.2948	Channel Instrument Compartment	UB.3735

Addendum2.K.16.FUEL TANKBENTLEY S2 SILVER CLOUD II 123" and 127" WHEELBASE

Slight modifications to the main and extra petrol tank, have resulted in improved ground clearance.

On the original system the outlet elbows on the main tank were detachable; they are now part of the assembly and are welded to the tank and will not be supplied as separate items.

Piece numbers are as follows :

Displaced

UR. 5293 Elbow
KB. 1099 Joint Washer

New

UR. 5526

AIR FILTER ELEMENTBENTLEY S.2. SILVER CLOUD II. PHANTOM V.

It has been decided that the paper type element is necessary only in countries where dry and dusty conditions prevail. In countries other than this the wire type element has been re-introduced.

This element can be used as a direct replacement; unlike the paper element it is washable.

Countries in which the paper element is still fitted are as follows :

Australia, Bahamas, Gibraltar, Greece, Jamaica, Yugoslavia, Mexico, New Zealand, Portugal, South America and Spain.

Whole of Africa (Algeria, Egypt, Ghana, Kenya, Madeira, Morocco, Nigeria, Northern Rhodesia, Southern Rhodesia, South Africa, Sudan, Tangiers, Tunis etc.)

Whole of Asia (Hong Kong, India, Iran, Iraq, Israel, Jordan, Lebanon, Syria, Turkey, etc.)

Piece numbers are as follows :

<u>Displaced</u>		<u>New</u>
UE. 5801	Element	UE. 9813

- (i) Re-issued to quote additional countries in which the paper element is still fitted.

2.K.18

FUEL PUMPBENTLEY S2, SILVER CLOUD II, PHANTOM V

A new fuel pump of increased capacity, UD.8137 has been introduced.

The new pump can be used for all replacements of UD.1327, but service units of this pump will be in use for many years.

Externally the difference between the pumps is in the wiring arrangement. At present a single earth cable runs from one of the mounting studs to the right hand condensor mounting bracket. On the new system an additional cable is connected between the pump units and from there to the left hand condensor mounting bracket.

Replacement pumps will be held in stock having the new earth cable and inlet and outlet unions fitted.

Part numbers are as follows :

Earth Cable Assy - Petrol Pump	UD.8224
Screw - Earth Cable to Petrol Pump	UD.8311
Washer - Earth Cable to Petrol Pump	K.4446/Z
Petrol Pump Assembly	RH.2164

FUEL PUMP

BENTLEY S2, SILVER CLOUD II, PHANTOM V

The following are the chassis numbers of cars that are fitted with the increased capacity fuel pump.

'D' Series

Bentley S2 Standard Steel Cars

Chassis

B.28.DW onwards.

'E' Series

Silver Cloud II Standard Steel Cars

Chassis

SAE.103 Onwards

'B' Series

Bentley S2 Long Wheelbase

Chassis

LBB.25 onwards

'C' Series

Silver Cloud II Long Wheelbase

Chassis

LCC.84 onwards

'C' Series

Bentley S2 Continental

Chassis

BC.112.CZ onwards

'C' Series

Phantom V

Chassis

5.CG.47 onwards

L.1.

WATER PUMP ADAPTOR JOINTSBENTLEY S1 SILVER CLOUD S1

The pump to adaptor joint, part number UE.2948, and the adaptor to crankcase joint, part number RE.5772 shown in the S.1. Spares Schedule, Volume 2., are listed incorrectly, and the following alterations should be made:-

One page A.4. change Item Ref. No.19 from RE.5772 Joint, adaptor to crankcase, to UE 2948 Joint, pump to adaptor, and Item Ref. No. 24. from UE.2948 Joint, pump to adaptor to RE.16323 Joint, adaptor to crankcase.

HEATING AND DEMISTING
BENTLEY SI SILVER CLOUD I

The S.I. spares schedule Vol. II requires amendment in respect of the heater and demister fittings :-

On page D.10 add symbol * against items 45, 46, 47, 62, 63, 64.

At bottom of page add note *.

When UD.4106 body is fitted (See page L.36)

Use : UD.3979 Nut

UD.4107 Pipe Assy.

UD.3980 Nipple

On page L.36 Place symbol * against UD.4106, the piece number under item (5) and delete words heater and demister tap from item (5) and UD.4106.

At bottom of page add note *

UD.4106 was used on early cars with this new system. It requires a special Bleed pipe for which see page D.10. The body can be recognised by the dia. of the bleed pipe bore, .750 inches on UD.4106 and .4375" on UD.3986.

COOLANT PUMP AND FAN

BENTLEY S2, SILVER CLOUD II, PHANTOM V.

Trouble has occasionally been experienced by the tips of the fan blades fouling the cowl and in order to eliminate this the fan has been withdrawn rearwards from the cowl. This object has been achieved by shortening the extension cone on which the fan is mounted, and this in turn has necessitated a modification to the bottom water hose, and to the radiator bottom outlet pipe which has been extended rearwards.

The extension cones are only interchangeable if they are used with the modified radiator. The hoses are not interchangeable and it will therefore, be appreciated that the old hose must be used with the original radiator.

The modified radiator has not been allocated a new part number and if a replacement radiator is required a new hose must also be supplied.

Part numbers are:-

<u>Displaced</u>		<u>New</u>
UE.6171	Assy - Extension Cone	UE.8126
UE.3481	Bottom Hose	UE.8446

- (i) Re-issued to delete reference to UE.8125 Extension Cone. This forms part of UE.8126 Assy - Extension Cone and is not supplied as a spare item.

2.1.1

Addendum

Coolant Pump and FanBentley S.2. , Silver Cloud II, Phantom V

The following are chassis numbers of cars which are fitted with the shortened extension cone.

'A' SeriesBentley S2. (Standard Steel Cars)

Chassis

B. 326. AM

'B' Series

Chassis

B. 182. BS. 184, 220, 282, 288, 300, 316, 326, 354, 400,
434, 488, 498, 500.'C' Series

Chassis

B. 3. CT to B. 77. CT, 81 to 445. Odd numbers only.
B. 2. CU to B. 756. CU Even numbers only.'B' SeriesSilver Cloud II (Standard Steel Cars)

Chassis

SVB. 17, 239, 385, 391, 427, 441, 463, 467, 475.

'C' Series

Chassis

SWC. 20, 38, 42, 46, 116, 146, 148, 216, 230 to 242, 246,
to 730. Even numbers only.

SXC. 1 to SXC. 671. Odd numbers only.

'B' SeriesSilver Cloud II (Long Wheelbase)

Chassis

LCB. 4, 11, 14 to 101 inclusive

2.L.1

- 2 -

'A' Series
Bentley S2 (Long Wheelbase)

Chassis
LBA.16, 18 to 26 inclusive.

'A' Series
Silver Cloud II (Long Wheelbase)

Chassis
LCA. 70, 72.

'B' Series
Bentley S2 Continental

Chassis
LCB.4, 11, 14 to 101 inclusive.

'B' Series
Bentley S2 Continental

Chassis
BC.10.BY to BC.101.BY inclusive

'A' Series
Phantom V

Chassis
5.AT.82, 86 to 94, 98, 100 Even numbers only.

'B' Series

Chassis
5.BV.1. to 5.BV.101 Odd numbers only
5.BX.2, 4, 6.

The following are chassis numbers of cars which are fitted with
UE.8446 bottom hose.

2. L.1

- 3 -

'B' Series
Bentley S2 (Standard Steel Cars)

Chassis

B.104.BS, 180 to 416, 420 to 500. Even numbers only.

'C' Series

Chassis

B.3.CT to B.77.CT 81 to 445. Odd numbers only

B.2.CU to B.756.CU. Even numbers only.

'B' Series
Silver Cloud II (Standard Steel Cars)

Chassis

SVB.17, 239, 373 to 401, 405 to 501. Odd numbers only.

'C' Series

Chassis

SWC.20, 38, 42, 46, 116, 146, 148, 216, 230 to 242, 246 to 730. Even numbers only.

'A' Series
Bentley S2 (Long Wheelbase)

Chassis

LBA.9, 16 to 26 inclusive.

'A' Series
Silver Cloud II (Long Wheelbase)

Chassis

LCA.67 to 76 inclusive.

'B' Series

Chassis

LCB.4, 11, 14 to 101 inclusive.

2.L1

- 4 -

'A' Series
Bentley S2 Continental

Chassis

BC.133 AR to BC.151 AR inclusive.

'B' Series

Chassis

BC.10.BY to BC.101.BY inclusive.

'A' Series
Phantom V.

Chassis

5.AT.46 to 5.AT.100 Even numbers only.

'B' Series

Chassis

5.BV.1 to 5.BV.101 odd numbers only
5.BX.2, 4, 6.

RADIATOR FILLER CAP SEAL

BENTLEY S2, SILVER CLOUD II, PHANTOM V.

In order to prevent coolant leakage from the radiator filler cap an improved type of sealing washer has been introduced.

Although a production modification for S. 2. cars the sealing washers can be used for replacements on S. 1. cars.

Part numbers are as follows:-

Displaced.

UE. 3083 Washer - Filler Cap - Radiator

New.

UE. 8546.

2.L.2.
AddendumRadiator Filler Cap SealBentley S2 Silver Cloud II Phantom V

The following are chassis numbers of cars which are fitted with the new radiator filler cap seal.

'B' SeriesBentley S2 (Standard steel cars)

Chassis

B.350.BS, 410, 412, 414, 424, 434, 436, 448, 456, 476, 488, 500.

'C' Series

Chassis

B.1.CT, 3, 7, 9, 17, 27, 29, 41, 43, 45, 51, 55 to 67, 71 to 85, 89, 91, 95 to 149, 153, 157 to 219, 223 to 445
Odd numbers only.

B.2.CU, 4, 6, 10 to 756. Even numbers only.

'B' SeriesSilver Cloud II (Standard steel cars)

Chassis

SVB.211.

'C' Series

Chassis

SWC.116, 128, 134, 138, 168, 184, 200, 202, 212, 232, 236, 238, 240, 244, 252 to 262, 266, 270, 272, 274, 280, 286, 290 to 298, 302 to 730. Even numbers only.

SXC.1 to SXC.671 Odd numbers only.

- 2 -

'A' Series
Bentley S2 (Long Wheelbase)

Chassis
LBA.19 to 26 inclusive

'A' Series
Silver Cloud II (Long Wheelbase)

Chassis
LCA.76

'B' Series

Chassis
LCB.4, 6, 7, 8, 10, 12, 14, 15, 17 to 101 inclusive

'A' Series
Bentley S2 Continental

Chassis
BC.110.AR

'B' Series

Chassis
BC.17.BY, 21 to 101 inclusive

'A' Series
Phantom V

Chassis
5.AT.34, 96, 100

'B' Series

Chassis
5.BV.1 to 5.BV.101 Odd numbers only.

L.3.

COOLANT PUMP & FANBENTLEY 6 & 7 SILVER DAWN SILVER WRAITH

Supplies of the heater drain tap, RE.7348, which is fitted to the heater return outlet on the coolant pump of some of these cars is no longer available.

When stocks are exhausted we shall be supplying tap, RE.16534, with union RE.17083 and two Jubilee Clips.

The use of the union has necessitated a slight change in the run of the heater return pipe and this has been accommodated by cutting the pipe and inserting a short length of .500" dia. hose.

RADIATOR MOUNTING

BENTLEY S2, SILVER CLOUD II PHANTOM V.

The stiffening angle assemblies which secure the radiator to the valance plates are to be changed to those formerly used on SI cars.

The parts are interchangeable and numbers are as follows:-

<u>Displaced</u>		<u>New</u>
UE. 7940	Stiffening Angle Assy	UE. 1305
UE. 7941	Stiffening Angle Assy	UE. 1305

HEATER PIPE CLIP

BENTLEY S2 SILVER CLOUD II (STANDARD CARS)

On the above cars it has been necessary to provide increased support for the heater pipes. An additional clip is fitted to the ducting (Service Bulletin S2/L6)

Part numbers are as follows:-

	<u>New</u>
Front Plate - Heater Pipe Clip	UD. 5897
Assy - Back Plate - Heater Pipe Clip	UD. 5783
Clip	UE. 7957

DEMISTER WATER CONNECTIONS

BENTLEY S.2. SILVER CLOUD II, PHANTOM V - COACHBUILT CARS

There has been a change of part number to the pipe from the cylinder head adaptor to the demister hose. Pipes are interchangeable and any stocks of the earlier pipes should be used up on RH cars.

Part numbers are as follows:-

Displaced

UD.4799

Pipe, Cylinder Head,
Adaptor to Hose

New

UD.5523.

2.L.6.

Radiator and Fittings Refrigeration and Non RefrigerationBentley S.2. Silver Cloud II. Phantom V

The condensor is supported on the radiator lower baffle plate by brackets spot welded on at each corner. These brackets have been replaced by a single central one.

The two outer condensor mounting holes in the baffle plate have been deleted.

The baffle plate central mounting hole is now also used for the condensor.

The new baffle plate can be used for all replacements outer holes being drilled if necessary.

<u>Displaced</u>		<u>New</u>
UE.7677	Baffle Plate Radiator (Continental Bentley)	UR.5442
UE.1267	Baffle Plate - Lower Radiator (Bentley S.2.)	UR.5443
UE.1329	Baffle Plate - Lower Radiator (Silver Cloud and Phantom V.)	UR.5444

Heating and DemistingBentley S2 Silver Cloud II (Standard Cars Only)

An improved system of heating and demisting, in which two independently fed matrices replace the single one, is now being fitted.

Both matrices are controlled by a single ventilation switch, considerably modified from the original

Apart from the switch and matrix, changes are, in the main, confined to the pipes and connections.

None of the parts are interchangeable and piece numbers are as follows:

<u>Displaced</u>		<u>New</u>
UE 7957	Clip, heater hose to transfer duct	UD. 8236
UD. 7957	Clip, heater pipe to valance	
UE 7882	Pipe assembly, heater return	
	Hose return, upper heater to dash	UR. 5470
	Pipe return, upper heater, dash	UR. 5471
	Hose return, upper heater, LH, valance plate	UR. 5472
	Clip, heater hose to valance	UR. 5473
	Clip, heater feed and return pipes to dash	UR. 5474
UE. 7712	Hose, feed and return, RH heater tap to)	UR. 5475 (feed
	lower heater)	UR. 5476 (retu
	Hose feed, LH water tap to dash	UR. 5465
	Pipe feed upper heater	UR. 5466
	Hose feed, upper heater, dash to RH valance plate	UR. 5467
	Connector feed hose, upper heater	UR. 5468
	Hose, feed, upper heater, RH valance plate	UR. 5469
	Elbow assembly, LH water connection	UE. 7752
	Hose cylinder head to water tap LH valance	UE. 7751
	Grommet, connector valance plate	UD. 5607
UD. 3850	Ventilation switch	UD. 6299
UD. 5053	Assy - picture plate - A. C. U. Switches	UD. 8282
UD 3760	Switch base	UD. 6301
UD. 3771	Contact spring	UD. 6269
UD. 2928	Locating spring ventilation switch (changes only on this application)	UD. 6270

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<u>Displaced</u>		<u>New</u>
UD.3764	Indicator disc	UD.6271
UD.3755	Locating piece and stop ventilation switch (changes only on this application)	UD.6272
UD.3793	Contact assembly No.1 vent switch	UD.6296
UD.3791	Contact maker front	UD.6273
UD.3792	Contact maker rear	UD.6274
UD.3787	Contact assembly No.2 ventilation switch	UD.6295
UD.3785	Contact maker front	UD.6279
UD.3786	Contact maker rear	UD.6280
UD.3784	Contact assembly No.3 ventilation switch	UD.6294
UD.6062	Contact maker front	UD.6275
UD.6063	Contact maker rear	UD.6276
UD.3781	Contact assembly No.4 ventilation switch	UD.6293
UD.6060	Contact maker front	UD.6277
UD.6061	Contact maker rear	UD.6278
UD.3790	Contact assembly, No.5 ventilation switch	UD.6292
UD.6064	Contact maker front	UD.6281
UD.6065	Contact maker rear	UD.6282
UD.3777	Spindle, ventilation switch	UD.6268
UD.3776	Insulating sleeve, switch spindle	UD.6267
UD.3775	Contact sleeve, switch spindle	UD.6266
UD.2981	Front bearing selector switch	UD.6290
UD.4601	Ventilation switch	UD.8012
UD.4931	Heater	UD.5612
	Lower	UD.5613
	Upper	UD.5633
	Insulating sheet centre	UD.5611
	Washer, Ferebestos (.2656 i.d.)	UD.5615
UD.6056	Mounting bracket assembly, lower heater	UD.5617
UD.6057	Mounting bracket assembly, upper heater	UD.5619
	Washer, Ferebestos (.3248 i.d.)	UD.5634
	Insulating sheet, outer	UD.5607
	Grommet, heater pipe valance	UD.8236
UE.7957	Clip, heater hose to transfer duct	UD.4884
UD.4032	Mounting plate assembly, actuator heater and demister	UD.4885
	Water tap adaptor assembly	UR.5536
UE.7872	Pipe assembly, heater return	

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DisplacedNew

The following parts already in use for other applications,
are also fitted.

Clip, return pipe to casing	RE. 6231
Clip, return pipe to casing	UE 7879
Jubilee clip, heater hoses	RE. 4750
Pipe, upper heater return	UE. 7984
Pipe, T piece to coolant pump	UE. 7878
Actuator	UD. 6089
Crank, water tap	UD. 4818
Water tap	UD. 4020
Sealing collar, water tap joint	UD. 8005
Nipple, water tap controls	UD. 4024
Allen screw, 4 BA	UD. 3806
Link and connecting rod assembly	UD. 4025
Connection hose, demister	UE. 7985

HEATING AND DEMISTINGBENTLEY S2, SILVER CLOUD II, (STANDARD CARS ONLY)

Since the original issue on this subject the routing of the heater feed and return hoses has been improved. The hoses originally passed along the L.H. valance plate, across the dashboard through the R.H. valance plate and to the heater. They are now routed to pass from the L.H. valance plate and under the water pump through the R.H. valance plate to the heater.

The new hoses are manufactured in the new material (Spares Information Sheet 2.L.8.)

Parts are not interchangeable, and numbers are as follows :

<u>Displaced</u>		<u>New</u>
	Clip - pipes to valance	UR. 5543
	Hose - connecting - upper heater - inter. pipe to pipe - RH valance	UR. 5544
	Hose - LH water tap to inter. pipe - upper heater	UR. 5545
	Pipe - RH valance to connecting hose - upper heater	UR. 5546
	Pipe - RH valance plate to hose - 'T' junction - upper heater	UR. 5548
	Pipe - Intermediate - connecting hose to LH water tap hose - upper heater	UR. 5547
UR. 5536	Assy - 'T' junction - heater return	UR. 5551
UR. 5560	Hose - feed - upper heater - LH water tap to dash	
UR. 5466	Pipe - feed - upper heater	
UR. 5562	Hose - feed - upper heater dash to RH valance	
UR. 5468	Connector - feed hose - upper heater	
UD. 5607	Grommet - connector - valance plate	
UR. 5563	Hose - return - upper heater to dash	
UR. 5471	Pipe - return - upper heater	
UR. 5564	Hose - return - upper heater dash to LH valance	
UR. 5474	Clip - heater feed and return pipes to dash	

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DisplacedNew

UR. 5493	Connecting hose - upper heater return
UE. 7875	Pipe - heater return - LH valance to engine
RE. 4743	Clip - heater hoses to LH valance

The following parts used on other applications are also fitted :

Hose - heater to return pipe	UR. 5506
Hose - heater return	UR. 5494
Clip - pipe to valance	RE. 19626

(i) Re-issued to clarify description of hoses and pipes.

2.L.7.

AddendumHEATING AND DEMISTINGBENTLEY S.2. SILVER CLOUD II (STANDARD STEEL CARS)

2.L.7.

The following are chassis numbers of cars that are fitted with the improved heating and demisting system.

'D' SeriesBentley S2Chassis

B.415.DV onwards

'D' SeriesSilver Cloud IIChassis

SZD.347 onwards

Addendum 2.L.7.

The following are the chassis numbers of cars that are fitted with the re-routed heater feed and return hoses.

'D' SeriesBentley S2Chassis

B.22.LDW onwards

'E' SeriesSilver Cloud IIChassis

L.SAE.85 onwards

2.L.8.

Issue.2.WATER CONNECTIONSBENTLEY S.2. SILVER CLOUD II PHANTOM V.

Modified types of hoses are now being fitted, the change being one of material only.

Hoses are completely interchangeable, and part numbers are as follows:

<u>Displaced</u>			<u>New</u>
UE.3481	Hose, bottom water connection	) Fitted on all	RH.7358
UE.8446	Hose, bottom water connection	) cars	UR.5485
UE.3482	Hose, top water connection	) Fitted to all	UR.5486
UE.1995	Hose, steam escape pipe	) cars except	UR.5487 X
		) Bentley	
		) Continental S2	
UE.7712	Hose, heater feed and return	) Bentley S.2.	UR.5488
UE.7977	Hose, crankcase to intermediate	) Silver Cloud II	
	pipe	) Standard Steel	UR.5489
UE.7978	Hose, water tap to intermediate	) Cars	
	pipe	)	UR.5490
UE.1295	Hose, water tap to matrix,	) All Coachbuilt	
	demister	) Cars except	UR.5497
		) Long Wheelbase	
		) Park Ward Cars	
UE.7671	Hose, top water connection	) Bentley Cont.	UR.5502
		) S.2. Cars	
UE.7870	Hose, water heater matrix to	) All Coachbuilt	UR.5491
	pump	) Cars	

Continued...

2.L.8.

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DisplacedNew

UE.7871	Hose, demister matrix to pump	)	All Coachbuilt	UR.5492
UD.4805	Hose, water tap to vacuum tap	)	Cars	UR.5494 +
UD.4812	Hose, bleed, water, tap to	)	Fitted to all	UR.5495 X
	vacuum tap, heater	)	cars except	
		)	Bentley S.2.	
		)	and Silver	
		)	Cloud II	
		)	Standard	
		)	Steel Cars.	
UD.4794	Hose, cylinder head to water	)		
	tap, demister	)	All	UR.5496
UE.7985	Hose, connecting hose, demister	)	Coachbuilt	
	return	)	Cars	UR.5493
RE.18833	Elbow, pipe to vacuum tap	)		UR.5505
UD.4809	Elbow, vacuum tap to matrix	)		UR.5506 +
UE.7672	Hose, steam escape pipe	)	Bentley Cont.	UR.5503 X
		)	S.2.	
UR.5499	Hose, water tap to rear under-	)		
	seat heater	)		UR.5554 =
UR.5500	Hose, rear underseat heater to	)		
	front heater	)	Phantom V	UR.5553 =
UR.5501	Hose, connecting, heater tap to	)		
	rear heater	)		UR.5631 =
UE.8214	Hose, water tap to matrix,	)	Bentley S.2.	UR.5498
	demister	)	Silver Cloud	
		)	II Long	
		)	Wheelbase Park	
		)	Ward Cars	

Continued...

2.L.8.

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<u>Displaced</u>		<u>New</u>
(@) UR.5465	Hose, feed, upper heater, LH water tap to dash)	UR.5560
(@) UR.5467	Hose, feed, upper heater, dash- to RH Valance)	UR.5562
(@) UR.5469	Hose, feed, RH valance to upper heater) Bentley S.2.	UR.5561
(@) UR.5470	Hose, return, upper heater to dash) Silver Cloud II	UR.5563
(@) UR.5472	Hose, return, upper heater, dash to LH valance) Cars	UR.5564
(@) UR.5475	Hose, feed, RH water tap to lower heater) Bentley S.2.	UR.5566
(@) UR.5476	Hose, return, lower heater to engine) Silver Cloud II	UR.5565
(@) UE.7751	Hose, cylinder head to water tap LH valance) Cars	UR.5567
	+ Hose, LH water tap to heater	UR.5544 X
	+ Hose, LH water tap to heater	UR.5545 X

Hoses prefixed thus (@) are shown on Spares Information sheet 2.L.7.

Hoses prefixed thus + are shown on Spares Information Sheet Addendum 2.L.7.

Hoses prefixed thus = are shown on Spares Information Sheet 2.C.12.

All hoses with the exception of those prefixed thus X will be changed in accordance with Service Bulletins which will be issued shortly.

(i) Re-issued to quote car types to which hoses are fitted.

WATER CONNECTIONS

BENTLEY S. 2, SILVER CLOUD II, PHANTOM V

The following are the chassis numbers of cars that incorporate the modified hoses.

'D' Series
Bentley S2 Standard Steel Cars

Chassis
B.22.LDW onwards

'E' Series
Silver Cloud II Standard Steel Cars

Chassis
L.SAE.85 onwards

'B' Series
Bentley S2 Long Wheelbase

Chassis
LBB.25 onwards

'C' Series
Silver Cloud II Long Wheelbase

Chassis
L.LCC.83 onwards

'C' Series
Bentley S2 Continental

Chassis
BC.109.CZ onwards

'C' Series
Phantom V.

Chassis
5.CG.47, 53 onwards

2.L.8.

- 2 -

It should be noted that this modification is in the process of retrospective embodiment.

2.L.10.

Issue 2

COOLANT HOSES

BENTLEY S.2 SILVER CLOUD II PHANTOM V.

Cases have occurred in the past when the water pump outlet snout has been machined slightly in order to reduce the interference between hose and snout.

As a direct result of this machining cases may occur when the production hose UR.8124 cannot be tightened sufficiently, on the outlet snout, to prevent a leak. A special hose RH.7543 should then be fitted or RH.7358 in cases where the original type of water pump (See Inf. Sheet 2.L.1) is fitted.

(1) Re-issued to add RH.7358 Bottom Hose and to quote its application.

WATER PUMPBENTLEY S2 SILVER CLOUD II PHANTOM V

Early water pumps had a reduced depth of thread in the heater adaptor snout. As a result in order to fit the adaptor it is necessary to fit a thicker joint washer than the one shown in the S.2. spares schedule, KB.1092/R on page C.1 Item 26 etc. The special washer is piece number UE.6779.

The common water pump (RH.2149) (Information Sheet 3.M.23) is supplied with both washers loose. One of these will be surplus and should be discarded.

No. M.1.

The underseat heater, fitted on post-war cars prior to 'S' Series, was controlled by a three position switch, RD.6694, of 4.5 and 5 ohms resistance.

Unfortunately we are no longer able to obtain this switch and have had to accept a variable resistance switch with the same maximum and minimum resistance of 4.5 and 5. ohms, piece number CD.2147. These will be supplied for all replacements when stocks have been used up.

Issue (2) No. M. 2.

THERMAL DELAY SWITCH

BENTLEY 'R' TYPE SILVER DAWN,

SILVER WRAITH L. W. B.

When a thermal delay switch is fitted into the fuel level warning circuit the part number of the switch is RD. 7493.

Supplies of these switches are no longer available and a new switch has been introduced which serves the same purpose.

Piece number is UD. 8186 and connections are as follows:-

- (1) A new blue feed wire from bottom of ignition auxiliary fuse (no. 4 from O/S) to terminal 29 on switch
- (2) Remove red tank unit wire from 12-way junction box on dash and reconnect wire to terminal M on switch.
- (3) A new purple wire from terminal B on switch to vacated terminal in 12-way junction box from which red tank unit wire has been removed.

(1) Re-issued to change piece number in accordance with present production practice.

IGNITION DISTRIBUTOR

The contacts shown on all spares schedules for post war car prior to S.1. and RD.4269, Synchro Plate (Fixed) and RD.4270, Base Plate (Fixed). There is an alternative, RD.7582, to RD.4269.

It has been found that the S.1 Spares Schedule, Vol.2, is in error in respect of these parts and the following alteration should be made:-

(1) on page L. 34 change Item Ref No 6 from RD.7582 to RD.4270

Item RD.4269 change 'base' to 'synchro'

Item RD.4270 change 'synchro' to 'base'

(1) Re-issued to add additional information

FLASHER UNITB7 SILVER DAWN, SILVER WRAITH

Supplies of RD. 8383 flasher unit are no longer available.

When existing stocks have been used up the current production unit UD.1511 should be fitted for all replacements.

M.5.

DYNAMOBENTLEY VI

Supplies of RD.3006 Dynamo are no longer available from the manufacturers, and an alternative dynamo, part number RH.2168, has been accepted as an alternative.

Service replacements will be either RD.3006 or RH.2168, whichever is available.

M.6.

CIGAR LIGHTERSBENTLEY 6, BENTLEY 'R' TYPE, BENTLEY S.1.SILVER WRAITH, SILVER DAWN

We are unable to obtain further supplies of the Smiths Cigar Lighters originally fitted to these cars and stocks will soon be exhausted.

An alternative source of supply has been arranged but unfortunately individual parts of the new lighter cannot be used as replacements.

For this reason if any part of a Smiths Lighter fails, a lighter complete, of the new type, will have to be fitted.

Once the new lighter has been fitted then individual parts can once again be supplied; in fact the knob and element is the same as the one fitted on present production cars.

Piece numbers of the lighters concerned are as follows:-

<u>Displaced</u>		<u>New</u>
RD.6628) RD.6863)	Cigar Lighter instrument facia	RH.7720
RD.4835) RD.6629)	Cigar Lighter companion	RH.7721
UD.1221) UD.1219)	Cigar Lighter	RH.7722

The type of lighter should be referred to on any order for spares. The new one is clearly marked 'Casco Tex' on the body. All others are Smiths.

FOR INFORMATION

WINDSCREEN WIPER ARMS AND BLADES

An improved type of windscreen wiper arm and blade is to be fitted

They are interchangeable in sets of arm and blade only and for this reason it is advisable to perpetuate both types.

Part Numbers are as follows:-

<u>Displaced No</u>	<u>New No</u>
UD.1490 Arm	UD.4690
UD.2134 Blade	UD.4692

2. M2

WIRING - S2

It is possible for the choke solenoid branch cable, from the engine loom, to foul the hot air pipes on the exhaust manifold. In order to avoid this an additional clip is being fitted.

Part number is:-

UD. 6097 Clip

RADIO AERIAL - S2

The standard aerial lead in cable on S Series cars incorporates a built in condensor; on S2 cars the condensor is to be dispensed with but it should be noted that it will still be required on S1.

Part numbers are:-

Displaced

UD. 1293 Lead-In cable

New

UD. 2288

VOLTAGE REGULATOR

A modified voltage regulator is to be fitted to S2 cars.
The regulators are completely interchangeable and supplies of the
early type should be used up

Part Numbers are:-

Deleted

UD. 4342 Voltage Regulator

New

UD. 5308

INSTRUMENTS - S2.

Complaints have been expressed, from time to time, in regard to the standard of illumination of the speedometer and four in one instrument patch, and steps have been taken to improve it.

The instrument lights were formerly controlled by a variable switch. Two resistors were incorporated in the switch, one fixed, and permanently in circuit, the other variable according to the position of the switch.

The switch has been changed to a two position one, dim or bright; the variable resistance has been removed and the fixed one is in circuit only for the dim position.

The bulb wattage has been increased from 2.4 to 3.6.

It should be noted that the clock illumination is unchanged.

Part numbers are:-

<u>Displaced</u>		<u>New</u>
RD. 4243	Bulb .	UD. 5500
UD. 4498	Switch (Continental Cars)	UD. 5469
UD. 4498	Switch (all others)	UD. 5468

DYNAMO MOUNTING BRACKET

BENTLEY.S2. SILVER CLOUD.II. PHANTOM.V.

A forged rear dynamo mounting bracket is to replace the fabricated one at present in use.

Stocks are to be used up.

Displaced

New

UE. 5592

Bracket

UE. 7424

IGNITION DISTRIBUTOR

Two rotor arms have been fitted on post war cars, prior to S2 series, the only difference between the two being that one was suppressed for radio and television interference.

It is pointless to perpetuate both types and in future, when stocks, if any, have been exhausted, only the suppressed rotor will be used.

Part numbers are:-

Suppressed

RD. 8550

Not suppressed

R. 3795

CABLE CONNECTORS.

The spade type Lucar connectors, which are being extensively used on S2 electrical equipment, suffer from the fact that they are machine welded to the cable, and, if for some reason, they become detached, difficulties are experienced in fitting a replacement. For this reason an alternative connector has been designed which can be soldered to the cable. Part number of the connector is UD 5406.

2.M.9

INSTRUMENT BOARD

The earth point screw attached to instrument mounting plate is to be replaced by a stud and nut. This will facilitate the fitting of several cable eyes which use this earth point.

Part numbers are:-

Displaced

New.

K. 1910/Z	Screw - Earth Point - Mounting	) Not	
	Plate	) used	UD. 5653
		) on	
	Nut - Stud - Earth Point	) CT.	K. 4006/Z

TOP MOUNTING ASSEMBLY ELECTRIC WINDOW LIFT

BENTLEY S2, SILVER CLOUD II.

Some trouble has been experienced with this piece by the failure of the bonding between the plates and the rubber block.

A modified part is now being fitted.

Part numbers are as follows:-

Displaced

New

UB.2498 Top Mounting Assembly

UB.3579

TOP MOUNTING ASSEMBLY ELECTRIC WINDOW LIFT

BENTLEY S.2. SILVER CLOUD II

The following are chassis numbers of cars which incorporate the new top mounting assembly.

'D' Series

Bentley S.2. (Standard Steel Cars)

Chassis

B.157.DV. 163, 167 Onwards.

'D' Series

Silver Cloud II (Standard Steel Cars)

Chassis

SYD.496 Onwards

'B' Series

Bentley S2 (Long Wheelbase)

Chassis

LBB.11 Onwards

'C' Series

Silver Cloud II (Long Wheelbase)

Chassis

LCC.21 Onwards.

OIL PRESSURE TRANSMITTER

BENTLEY S2 SILVER CLOUD II PHANTOM V

Additional copper washers are sometimes being fitted with the oil pressure transmitter. They are being used as a distance piece to ensure that the transmitter is correctly installed in the oil filter head.

A maximum of two washers can be used to obtain the correct position.

Details for the positioning of the transmitter are shown on Service Bulletin S2/E4.

Part number of the washer is UD. 8017.

SPEEDOMETER S. 2.

BENTLEY AND SILVER CLOUD.

Customers occasionally request that their car be fitted with 13/38 ratio crown wheel and pinion. This necessitates a different speedometer the part numbers of which are as follows:

Silver Cloud	UD. 5580
Bentley	UD. 5581

It may be noted that the Bentley and Continental instruments are the same in all respects except that the former registers 20 m. p. h. less.

DIP SWITCH S. 2

Two different types of dipswitch cable covers have been fitted on S, 2 cars one being deeper than the other. The deeper one, which was fitted initially, had a rubber band secured to it at the switch end; this sealed the gap between switch and cover. A rubber sealing pad was also fitted; this provided a base seal between switch and cover and toeboard.

On later cars sealing compound was substituted for the cover sealing strip.

A change of design, by the switch manufacturers, was agreed to, this being to reduce the base depth, and a similar reduction was also required on the depth of the cover.

In fact the switch was never modified and to accomodate the reduction in gap between switch and cover an additional sealing strip was fitted between the cover and base pad.

It has now been decided to revert to the original cover, but without the sealing band. The overall seal pad has been dispensed with and the switch makers supply a pad for the switch only, the cover fitting directly to the toeboard; the switch cover joint is made with sealing compound.

When stocks have been used up all covers supplied will be of the deep type without seal. If either a deep cover with sealing band, or a shallow cover without one, are being replaced, the gap between cover and switch can be eliminated by cutting away the cover portion of the pad and making the joint with compound.

Overall base pads will no longer be required; any resultant gap can be made good by removing the cover seal.

Part numbers are as follows:-

<u>Displaced</u>		<u>New</u>
UD. 4656	Cable cover and seal assy	
UD. 4655	Seal	
UD. 5066	Cable Cover	UD. 4654
UD. 4652	Seal dipswitch	

VOLTAGE REGULATORBENTLEY S2, SILVER CLOUD II, PHANTOM V

The present spares schedules give UD. 6114 Regulator Mounting Bracket as being used on all cars except Continental and UD. 2216 Mounting Bracket as being used on Continental only.

In fact UD. 6114 is used on all Bentley and Silver Cloud Standard Steel cars, and Bentley and Silver Cloud Long Wheel Base cars by Park Ward. UD. 2216 is used on Bentley Continental cars, Long Wheel Base cars by coachbuilders other than Park Ward and Phantom V.

STARTER RING

BENTLEY S2 SILVER CLOUD II PHANTOM 5.

There has been a change in part number of the starter ring
The two rings are interchangeable

Displaced

UE. 6184

New

UE 8399

Addendum 2. M. 15

STARTER RING

BENTLEY S.2. SILVER CLOUD II PHANTOM V

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

'D' Series

Bentley S.2. (Standard Steel Cars)

Chassis

B.453.DV. 457 Onwards.

'D' Series

Silver Cloud II (Standard Steel Cars)

Chassis

SZD.417 to 427, 431 Onwards.

'B' Series

Bentley S.2. (Long Wheelbase)

Chassis

LBB.19 Onwards.

'C' Series

Silver Cloud II (Long Wheelbase)

Chassis

LCC 60 to 64, 66 Onwards.

'C' Series

Bentley S.2. Continental

Chassis

BC.85 CZ Onwards.

'C' Series

Phantom V

Chassis

5.CG.23, Onwards.

STARTER MOTOR

BENTLEY S.2. SILVER CLOUD II, PHANTOM V

As already stated on Bulletin S2/M5 changes have been made to the starter motor. Part numbers are as follows :-

<u>Displaced</u>	<u>New</u>
UD. 4587 Starter Motor	UD. 5706

A further change of part numbers has been made, they are as follows:-

<u>Displaced</u>	<u>New</u>
UD. 5706 Starter Motor	UD. 5692

They are interchangeable but in the interests of spares continuity it is not recommended.

2.M.16
AddendumStarter MotorBentley S2 Silver Cloud II Phantom V

The following are chassis numbers of cars which are fitted with UD.5706 starter motor.

'B' SeriesBentley S2 (Standard steel cars)

Chassis

B.95.BR, 99, 119, 121, 133, 135, 161, 177, 181, 185, 187, 199, 201, 203, 213, 217, to 231, 235, 241, 243, 247 to 281, 287, 291 to 339, 343, to 391, 395 to 437, 441, 443, 447, to 465, 469 to 489, 493 to 501. Odd numbers only.

B.2.BS to 58, 62 to 154, 156, 158 to 164, 168 to 174, 178 to 212, 216 to 250, 254 to 320, 324, 326, 328, 332, 336, 344, 382, 386, 388, 390, 396 to 408, 412, 416, 418, 428, 432, 436, 440, 474. Even numbers only.

'B' SeriesSilver Cloud II (Standard steel cars)

Chassis

STB.24, 52, 54, 114, 116, 176, 212, 214, 222, 224, 226, 240, 250, 264, 272, 282, 288, 294, 300, 302, 304, 322, 326, 330, 332, 334, 346 to 354, 360, 362, 364, 368 to 376, 380 to 396, 400 to 406, 412, 416, to 434, 438 to 452, 456, 458, 462 to 500. Even numbers only.

SVB.1 to 45, 49 to 97, 101 to 221, 225, to 275, 279 to 297, 301 to 501. Odd numbers only.

'C' Series

Chassis

SWC.2 to SWC.32, 38, 40, 44, 58, 68, 70, 76 to 84, 94, 98, 100, 108 to 114, 118 to 132, 136, 138, 140, 144, 148, 158, 178, 200, 206 Even numbers only.

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'A' Series
Bentley S2 (Long Wheelbase)

Chassis
LBA.7, 9, 10, 11, 14 to 17 inclusive

'A' Series
Silver Cloud II (Long Wheelbase)

Chassis
LCA.4, 31, 34, 36, 37, 40 to 62, 64, 65, 66, 68, 69,
70, 72, to 75 inclusive.

'B' Series

Chassis
LCB.2, 4, 5, 6, 8, 16.

'A' Series
Bentley S2 Continental

Chassis
BC.20, AR.52, 55, 105, 106, 108 to 125, 127 to 145, 149
inclusive.

'B' Series

Chassis
BC.2.BY, 3, 4, 6, 8, 10.

'A' Series
Phantom V

Chassis
5.AS.21, 33, 73,
5.AT.20 to 26, 32 to 64, 70, 72, 74, 78, 82
84, 92, 94. Even numbers only.

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The following are chassis numbers of cars which are fitted with UD.5692 starter motor.

'B' Series
Bentley S2 (Standard Steel Cars)

Chassis

B.330.BS, 338, 414, 424, 438, 462, 464, 476 to 486.
Even numbers only.

'C' Series

Chassis

B.17.CT, 395, 397, 399, 403 to 413, 417 to 443. Odd
numbers only.

B.2.CU. to 12, 16, to 56, 60 to 272, 276 to 334, 340 to 366,
372 to 756. Even numbers only.

'C' Series
Silver Cloud II (Standard Steel Cars)

Chassis

SWC.116, 142, 188, 196, 198, 204, 208, 210, 212, 664 to
728. Even numbers only.

SXC.1 to SXC.53, 57 to 377, 387 to 505, 509, 513, 523, 533
to 601, 605 to 663, 667, 669, 671. Odd numbers only.

'A' Series
Bentley S2 (Long Wheelbase)

Chassis

LBA.20, 22, 23, 24, 26.

2.M.16
Addendum

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'B' Series

Silver Cloud II (Long Wheelbase)

Chassis

LCB.11, 12, 44 to 67, 69 to 76, 78 to 101 inclusive.

'B' Series

Bentley S.2. Continental

Chassis

BC.12.BY, 15, 16, 17, 20, 27, 28, 29, 31 to 38, 40 to 101
inclusive.

'A' Series

Phantom V.

Chassis

5.AT.98, 100

'B' Series

Chassis

5.BV.19 to 59, 63 to 101. Odd numbers only

5.BX.2, 4, 6

2.M.17

Issue 2.

WINDSCREEN WIPER MOTOR
SILVER CLOUD SII, BENTLEY S.2. AND
PHANTOM V, CONTINENTAL

A windscreen wiper motor, with an increased number of wipes per minute, is to be introduced.

The motors are interchangeable and stocks should be used up

Part numbers are:-

<u>Displaced</u>		<u>New</u>
UD.6125	Wiper Motor	UD. 5754
UD. 5298	Wiper Motor	UD. 5755 (Park Ward Continental)

(1) Re-issued, to quote Continental part number and correct original part numbers.

DYNAMO MOUNTING BRACKET

BENTLEY S2 SILVER CLOUD II PHANTOM V.

A more suitable method of mounting the dynamo on the water pump is now being fitted.

The change consists essentially in the use of two struts and swivel arm in place of the present mounting bracket and swivel arm, the struts being mounted on the outer two holes in the pump casing in place of the three which were used with the bracket. At the same time the diameter of the securing bolts have been increased from .250" to .3125" and the swivel arm distance piece which was threaded at each end has been replaced by a plain drilled distance piece through which a bolt is passed.

Complete pumps are interchangeable provided the remainder of the new pieces are supplied; in the interests of continuity in spares supply, however, the practice is not to be recommended. If however it is necessary to make the change the following additional parts are required:-

UE.7325	Swivel arm.
UE.7322	Bracket
UE.7323	Bracket
UD.5405	Bolt
UE.7324	Distance Piece

The following are the changes in piece number:-

<u>Displaced</u>		<u>New</u>
UE.6860 or UE.5632	Coolant pump assy	UE.7409
UE.6861 or UE.5633	Volute casing sub. assy.	UE.7410
UE.6856 or UE.5226	Volute casing	UE.7407
UE.5634	Bearing, housing, assy	UE.7411
UE.5272	Bearing, housing	UE.7408
UE.7308	Distance piece	UE.7324

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Displaced

UE.7307	Swivel arm
UE.5572	Bracket assy
UE.5637	Joint volute casing
UA.154/Z	Bolt swivel arm (changes in this case only)
UE.7309	Lock nut, dynamo to swivel arm

New

UE.7325
UE.7322 (RH strut)
UE.7323 (LH strut)
UE.7412
UD.5405

Addendum.

DYNAMO MOUNTING BRACKET.

BENTLEY S2, SILVER CLOUD II, PHANTOM V

A longer bolt has been introduced to give a more rigid fixing of the rear mounting bracket to the dynamo, and also the two mounting struts to the dynamo.

The bolts are interchangeable and part numbers are as follows:-

Displaced

New

UE. 5631 Bolt, Dynamo Mounting, Front and Rear

UE. 448

N 2.M.18

Addendum.

DYNAMO MOUNTING BRACKET

BENTLEY S2, SILVER CLOUD II, PHANTOM V

Difficulty has been experienced in fitting the plain drilled distance piece and it has been replaced by one which is threaded on the dynamo side, and tapped on the swivel arm side.

All cars will be modified

Part numbers are as follows:-

<u>Displaced</u>		<u>New</u>
UE.7324	Distance Piece - Dynamo Swivel Arm	UE.8942
UD.5405	Bolt - Swivel Arm	UA.154/Z
	Nut - Lock - Dynamo	UE.7309

Dynamo Mounting Bracket

Bentley S2., Silver Cloud II, Phantom V

The following are chassis numbers of cars which incorporate the above modifications.

'C' Series

Bentley S2 (Standard Steel Cars)

Chassis —

B.16.CU, 18, 22 to 48, 52 to 756. Even numbers only

'C' Series

Silver Cloud II (Standard Steel Cars)

Chassis

SXC.9 to SXC.671. Odd numbers only.

'A' Series

Bentley S.2. (Long Wheelbase)

Chassis

LBA.22 to 26 Inclusive.

'B' Series

Silver Cloud II (Long Wheelbase)

Chassis

LCB.48 to LCB.101 Inclusive.

'B' Series

Bentley S2 Continental

Chassis

BC.47.BY, 48, 49, 51 to 101 inclusive.

'B' Series

Phantom V.

Chassis

5.BV 21, 25, 31 to 101. Odd numbers only
5.BX.2, 4, 6.

INSTRUMENT BULBS

BENTLEY SI CONTINENTAL

The instruments fitted to most of these cars, were illuminated by a bayonet type bulb. It was found that instances were occurring of the centre solder contact of the bulb spreading to such an extent, under the load imposed by the bulb holder contact post, that there was a possibility of a short circuit occurring between the earth filament connection and the bulb casing. An MES cap bulb was introduced and as these had an increased diameter a modification was necessary to the instruments.

After stocks have been used up only the new instruments will be supplied for spares although of course both types of bulb will be available

Part numbers are as follows:-

<u>Displaced</u>		<u>New</u>
UD. 1951	Ammeter	UD. 4237
UD. 1952	Fuel/Oil Gauge	UD. 4238
UD. 1953	Water Temperature Gauge	UD. 4239
UD. 1954	Oil Pressure Gauge	UD. 4240
UD. 1955	Electric Clock	UD. 4241

C. 47 AND C. 48 DYNAMO. (CHASSIS ONLY)

HAM-EG-O brushes are now being used for all replacements on these dynamos.

Part numbers are as follows:-

Displaced

New

UD. 3307

Brush (Set)

UD. 2569

CIGAR LIGHTERBENTLEY S2, SILVER CLOUD II, PHANTOM V

An improvement has been made to the instrument facia cigar lighter, by illuminating the socket with an amber glow ring. The glow ring itself is illuminated by a bulb which is mounted on top of the socket. With the addition of this bulb it is necessary to modify the instrument mounting board on Bentley S2 and Silver Cloud II cars, to provide clearance for the cigar lighter socket. The position of the cigar lighter on Phantom V cars will be determined by customers individual requirements.

Parts are not interchangeable, and part numbers are as follows:-

DisplacedNew

UD. 4695	Assy - Instrument Mounting Board	UD. 5773
UD. 4494	Cigar Lighter	UD. 5847
UD. 1371	Knob and Element - Cigar Lighter	UD. 5893

- (i) Re-issued to delete reference to UD. 5872 Mounting Plate. This forms part of UD. 5773 Assy - Instrument Mounting Plate and is not supplied as a spare item.

Cigar Lighter

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

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

'C' Series

Bentley S2 (Standard Steel Cars)

Chassis

B.2.CU to B.118.CU., 122 to 176, 180 to 756. Even numbers only.

'C' Series

Silver Cloud II (Standard Steel Cars)

Chassis

SXC.1 to SXC.671. Odd numbers only.

'A' Series

Bentley S2., (Long Wheelbase)

Chassis

LBA.23, 24, 25.

'B' Series

Silver Cloud II (Long Wheelbase)

Chassis

LCB.42 to LCB.101. Inclusive.

'B' Series

Bentley S2 Continental

Chassis

BC.72.BY to BC.101.BY Inclusive.

'B' Series

Phantom V

Chassis

5.BV.63 to 5.BV.101. Odd numbers only
5.BX.2, 4, 6.

INTERIOR LIGHTS

BENTLEY S2 SILVER CLOUD II PHANTOM V

Changes have been made to the switching arrangement for the instrument and capping rail lights, and, at the same time, a map lamp has been introduced; it is fitted onto the facia capping rail trim pad immediately below the glove box.

Under the present system, before the capping rail light can be switched on, it is necessary to insert the ignition key in the switch box, turn the key to the left or right and switch on the side lights; the capping rail light can then be turned on by pulling the instrument light switch. The lighting switch is fixed until the key is inserted in the lock.

The lighting switch lock has been discontinued and all that is necessary to illuminate the capping rail light is to turn the lighting switch to side and tail, and pull the knob outwards.

A map light has been fitted on to the small facia trim panel immediately below the glove box and heater outlet. The pull position of the instrument light switch is used for this light.

Modifications to the switchbox have been necessary to eliminate the lighting switch lock and to incorporate the pull action for the capping rail light.

The new switchbox assembly complete, or the lock separately can be supplied for all replacements, it being assumed that there will be no objection to the fact that the lighting switch cannot be locked and that an additional wire has to be taped off. If desired the capping light could be disconnected from the instrument light switch and connected to the new wire on the switchbox; the pull out position on the instrument light switch would then be surplus.

Changes have of course been necessary to the instrument panel loom and these are not interchangeable. In addition there have been changes to various internal components of the switchbox but as these are not generally required the question of interchangeability need not be considered; the parts are however notified below since they do appear in the spares schedules.

No 2. M. 22

ISSUE. 2.

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Displaced
New

UB.2916	Trim pad assy. RH (LC)	UB.3354
UB.2915	Trim pad assy. LH (RC)	UB.3355
UD.6245	Loom assy, instrument panel (RC)	UD.5525
UD.6206	Loom assy, instrument panel (LC)	UD.5526
UD.3723	Lock, switchbox	UD.5503
UD.1248	Casing, switchbox	UD.5501
UD.1247	Base, switchbox	UD.5502
UD.1255	Coupling	UD.5508
UD.1583	Operating Lever	UD.5509
UD.1265	Lighting Spindle Assy	UD.5514
UD.1538	Lighting Spindle	UD.5515
UD.1798	Washer Spindle	UD.5685
	Cable, switchbox	UD.5866
	Cable, Switchbox to Capping	
	Rail Light	UD.5867
UD.1285	Switchbox Assy, Complete	UD.5871

UB.2916 is still used as RH assy on right hand cars.

UB.2915 is still used as LH assy. on left hand cars.

(1) Re-issued to clarify.

2. M. 22.
AddenduInterior LightsBentley S2., Silver Cloud II, Phantom V

The following are chassis numbers of cars which incorporate the above modification.

'C' Series
Bentley S2 (Standard Steel Saloon)

Chassis

B.2.CU to B.756.CU. Even numbers only.

'C' Series
Silver Cloud II (Standard steel cars)

Chassis

SXC.1 to SXC.671. Odd numbers only.

'A' Series
Bentley S2 (Long Wheelbase)

Chassis

LBA.22 to 26. Inclusive.

'B' Series
Silver Cloud II (Long Wheelbase)

Chassis

LCB.42 to LCB.101. Inclusive.

'B' Series
Bentley S.2. Continental

Chassis

BC.72.BY to BC.101.BY. Inclusive.

'B' Series
Phantom V.

Chassis

5.BV.63 to 5.BV.101. Odd numbers only
5.BX.2,4,6.

ADDENDUM.

CAPPING RAIL TRIM PADS

BENTLEY S2, SILVER CLOUD II

All trim pad assemblies are now provided with the map light hole.

If this is not required as on UB.2915/6 the hole is completely covered by the leather trim.

Piece numbers for these assemblies are UB.3582 and UB.3581, they replace UB.2916 and UB.2915 respectively. Stocks of these numbers can be used up.

ELECTRIC WINDOW LIFTS

BENTLEY S2 AND SILVER CLOUD II.

On the present arrangement the solenoid wires enter at the top of the main casing, the hole being protected by a specially shaped grommet. During exceptionally heavy rain, failures have been caused by water running down the cables past the grommet. The cables have therefore been re-routed to emerge from the bottom of the casing and this necessitates longer solenoid wires, a clip for the solenoid wires inside the casing, and an additional exit hole in the bottom of the casing. Whilst old casings are being used up it will be necessary to fit a special blanking plug into the original exit hole.

The solenoid and casing assemblies are interchangeable but in supplying the latest type in lieu of the original the grommet UD.3299 must also be supplied.

The solenoids without casing are interchangeable, the only difference being in the length of wire,

Parts numbers are as follows

<u>Displaced</u>		<u>New</u>
UD. 3300	Solenoid Assy	UD. 5763
UD. 3297	Solenoid	UD. 5764
UD. 3299	Grommet	UB. 2259
	Clip	UD. 5760
	Blanking Grommet	UD. 5769

Addendum.

ELECTRIC WINDOW LIFT.BENTLEY S2, SILVER CLOUD II

Further alterations have been made to the window lift casings with the object of still further improving the sealing. The improvement takes the form of an additional cover securing screw in the motor compartment.

The parts are interchangeable and the numbers are as follows:-

<u>Displaced</u>		<u>New</u>
UB.2335	Assy, Casing, window lift mechanism	UB.3616
UB.2305	Casing, window lift mechanism	UB.3612
UB.2336	Assy, Cover, casing window lift mechanism	UB.3617
UB.2306	Cover, casing, window lift mechanism	UB.3613

SWIVEL ARM - DYNAMO

BENTLEY S2, SILVER CLOUD II PHANTOM V

Prior to the introduction of Information Sheet 2.M.18 it was found that on refrigerated cars, equipped with a York Shipley compressor it was difficult to fit a new fan belt because of a reduced degree of travel between the swivel arm and the dynamo. In order to avoid this a new arm UE.8694 was introduced.

After Information Sheet 2.M.18 was introduced it was found that a similar foul was occurring on these cars, and still another swivel arm was introduced; this arm can be used on all cars for all replacements.

Part numbers of swivel arms are as follows:-

<u>Displaced (1)</u>	<u>Displaced (2)</u>	<u>New</u>
UE.7307 (York Shipley)	UE.8694 (York Shipley)	UE.8703

UE.8694 can be used up on cars with a York Shipley compressor only.

N. 2. M. 25

ISSUE 2.

WINDSCREEN WIPER ARMS

BENTLEY S2, SILVER CLOUD II, PHANTOM V

When stocks of UD. 1490 wiper arm are used up further supplies will no longer be available. An alternative CD. 2096 has been accepted and will be issued in lieu.

(i) Re-issued to amend description from Wiper Blades to Wiper Arms

LAMPS

BENTLEY S2, SILVER CLOUD II PHANTOM V.

To comply with the latest Italian lighting regulations some new lighting features are now being fitted on all cars destined for Italy.

The fog/winker lights have been replaced with yellow fog lights on all cars except S.2. Continental to which cars the system is already fitted.

The two direction indicator lamps with white lenses have been fitted into the front wing directly under the head lamps.

Two Marchal indicator repeater lights are fitted into the side of the front wings just forward of the front doors.

Lamp part numbers are as follows:-

Fog Lamp Assy	UD 5369
Bulb 12v 48w, Fog Lamp	UD.5367
White Direction Indicator Lamp, RH	UD.4918
White Direction Indicator Lamp, LH	UD.4919
Bulb 12v 21w, Indicator Lamp	UD.1354
Marchal Flashing Light Repeater	UD.5779.

Issue 3.

2.M.27

SOLENOID STARTER SWITCHBENTLEY S2, SILVER CLOUD II PHANTOM V

A modified type of solenoid starter switch is now being fitted. The new switch has a thinner base and this has necessitated the inclusion of shorter mounting bolts.

Switches are completely interchangeable provided the shorter bolts are supplied with the new switch.

Part numbers are as follows :

DisplacedNew

RD.8144 Solenoid Starter Switch

UD.4181

KC.174/Z Bolt, Switch to Mounting Bracket

KC.173/Z

(ii) To correct previous information.

HORNS

BENTLEY S.2. SILVER CLOUD II PHANTOM V

When cars are fitted with a cold air intake the horns are mounted under the front apron. If additional horns are required they are mounted on the receiver cross channel.

When refrigeration is fitted the cross channel is used for the receiver and the horns are attached to the bumper spring iron.

A foot switch is fitted.

Parts are:-

Displaced

New

Mounting bracket	UD.8066
Distance piece, bracket	UD.8065
Footswitch	UD.5480
Knob	UD.3530
Rod	UD.3531
Cap	UD.3532
Plate	UD.5499
Cap	RD.5153
Mounting block	UD.5547

SPEEDOMETER DRIVE CABLES.

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

An improved run of the speedometer drive is now being applied, the cable assembly being 4 inches shorter. The new frame attachment point is fitted to all frames.

Part numbers are as follows:-

<u>Displaced</u>		<u>New</u>
UD.2563	Drive Assembly.	UD.8140
UD.2564	Outer Casing	UD.8141
UD.2565	Inner Cable	UD.8142

Drive assemblies are interchangeable but since the new ones are shorter individual outer casings and inner cables are not.

DIVISION WINDOW LIFT.

BENTLEY S.2. SILVER CLOUD II.

(LONG WHEEL BASE CARS ONLY).

The upper sprocket is mounted on a bearing pin similar to the ones found on the door lifts (Spares Schedules N.39 Items 65 and 67); the same sprocket is used on the division but the pin is slightly longer and distance pieces are fitted to make up the difference in length.

Piece numbers are as follows:-

Distance Piece	UB.3645
Bearing Pin	UB.3644

WINDSCREEN WIPER RACK

BENTLEY S.2. SILVER CLOUD II PHANTOM V.

Cases have occurred of a noise caused by the end of the windscreen wiper rack and extension tube fouling the right hand demister ducting.

In order to check this, both rack and tube have been shortened.

Both lengths of tube together with the shortened rack will be supplied as spares.

Part numbers are as follows:-

<u>Displaced</u>		<u>New</u>
UD.5754	Assy. Windscreen Wiper	UD.8125
UD.5755	Assy. Windscreen Wiper for use on Right Hand Park Ward Continental	UD.8126
UD.8074	Assy. Windscreen Wiper for use on Left Hand Park Wards Continental	UD.8127
UD.1877	Tube - Extension - Wheelbox	UD.8112

2.M.32

SPARKING PLUG ADAPTORBENTLEY S2 SILVER CLOUD II PHANTOM V.

A waterproof adaptor is now being fitted to all production cars; it completely supersedes any other type which has previously been fitted.

A special technique is required for fixing the adaptor to the lead and a workshop bulletin will shortly be issued explaining this.

Piece numbers are as follows:-

<u>Displaced</u>		<u>New</u>
UE.6211-18	Lead and Adaptor Assembly	UE.9260-7
UE.8586	Adaptor (Champion) (Lodge)	UE.9258 UE.9259

2.M.32

Addendum

SPARKING PLUG ADAPTOR

BENTLEY S.2. SILVER CLOUD II PHANTOM V.

The following are chassis numbers of cars which are fitted with the new sparking plug adaptor.

'D' Series

Bentley S.2. (Standard Steel Cars)

Chassis

B.225.DV. 231 Onwards

'D' Series

Silver Cloud II (Standard Steel Cars)

Chassis

SZD.39 Onwards

'B' Series

Bentley S.2. (Long Wheelbase)

Chassis

LBB.15 Onwards

'C' Series

Silver Cloud II (Long Wheelbase)

Chassis

LCC.28 Onwards

'C' Series

Bentley S.2. Continental

Chassis

BC.37.CZ. 40, 43 Onwards

2.M.32

Addendum

- 2 -

B Series
Phantom V

Chassis

5.BX.54 to 60 64 Onwards

ELECTRICALLY OPERATED AERIALBENTLEY S2, SILVER CLOUD II, PHANTOM V

In order to reduce the torque required for the electrically operated aerial a revised run of the cables is now being fitted.

The motor is reversed in position on the scuttle so that the operating cables now emerge vertically downwards instead of vertically upwards.

The run out cable is then formed into a single coil, the lower end of which is clipped to the lower side of the wing strut bolt and the extremity of it clipped to the upper side of the wing strut.

The operating cable is secured to still another clip secured to the lower side of the wing strut bolt. The clips are thus secured to the wings only.

The position of the aerial is unmodified.

The brackets are not interchangeable unless the complete scheme is fitted.

Parts are as follows:-

DisplacedNew

UD.5247	Assy Bracket Aerial Motor	UD.8220
RD.6082	Clip, Run out cable, to valance	
UD.8081	Distance Piece, Run Out Cable	
RE.16256	Clip, Run Out Cable	
UA.102/Z	Bolt, Clip, Stay, N/S Front Wing	UA.107/Z
	Bolt, Clip, Stay, N/S Front Wing	UA.103/Z
	Clip-Aerial Cable	UD.5288

2.M.34

REAR WINDOW DEMISTER SWITCHBENTLEY S.2. SILVER CLOUD II

The rear window demister switch has been moved from the parcel shelf to the instrument facia. The switch is mounted on the facia by means of a fixing plate, and is positioned adjacent to the gear change tube slot.

A new backlight glass is fitted, but the only difference is that one of the leads is fitted with a Lucar connector in place of a cable eye.

The position of the switch on coachbuilt cars is in accordance with customers requirements.

Part numbers are as follows:-

<u>Displaced</u>		<u>New</u>
UD.1534	Switch, Rear Window Demister	UD.8121
	Fixing Plate, Rear Window Demister	
	Switch	UD.5856
UB.2051	Back Light, Glass) Not used on Bentley	UB.3526
UB.2052	Back Light, Glass) S2 Continental	
	Sundym)	UB.3669
	Assy - Loom, Rear Window Demister Switch,	
	Column Connector Group) Not used on	UD.5858
	) Bentley S2	
	) Continental.	
	Clip, Rear Window Demister Wiring	UD.5946
	) Not used on	
	) Bentley S2	
	) Continental.	
UW.2305	Facia Board (R.C.)) Not used on	UW.2234
UW.2306	Facia Board (L.C.)) Bentley S2 -	UW.2235
	) Continental	

2.M.34

Addendum

REAR WINDOW DEMISTER SWITCH

BENTLEY S.2. SILVER CLOUD II

The following are chassis numbers of cars which incorporate the above modification.

'D' Series

Bentley S.2. (Standard Steel Cars)

Chassis

B.415 DV Onwards

'D' Series

Silver Cloud II (Standard Steel Cars)

Chassis

SZD.347 Onwards

'B' Series

Bentley S.2. (Long Wheelbase)

Chassis

LBB.19 Onwards

'C' Series

Silver Cloud II (Long Wheelbase)

Chassis

LCC.49 Onwards

2. M. 35

SCREW - MICRO SWITCHBENTLEY S.2. SILVER CLOUD II PHANTOM V

To facilitate the adjustment of the micro switch, the square headed mounting screws have been replaced by hexagonal headed ones.

Although a production modification for S.2. cars, the new screw can be used for replacements on S.I. cars.

Screws are interchangeable, and numbers are as follows:

<u>Displaced</u>	<u>New</u>
K. 3710/Z Screw - Micro Switch	UD. 8244
RD. 6904 Stud - Micro Switch)LH Continental	UD. 8244
K. 3709/Z Screw - Micro Switch)Long Wheelbase)Steel Cars.	UD. 8244

HANDBRAKE WARNING LIGHTBENTLEY S2, SILVER CLOUD II, PHANTOM V

A light, warning the driver that the handbrake has been applied, is now being fitted. The light itself is positioned adjacent to the inspection lamp socket. The lens is of amber Diakon, the reverse side being painted white with black lettering.

The light switch is mounted on a bracket which has been welded to the master cylinder outer support plate. It is actuated by contact with the handbrake operating lever.

Parts are as follows:

<u>Displaced</u>		<u>New</u>
UG.2487	Support plate, outer, master cylinder	UG.4045
	Gasket, switch	UG.4121
UW.2305	Facia board (RC)	UW.2234
UW.2306	Facia board (LC)	UW.2235
UG.1196	Lever assy	UG.4083
	Lens	UD.5854
	Retainer lens	UD.5855
	Lampholder assy	UD.5857
	Switch	UG.4049

The only difference between the support plates is the introduction of the support bracket.

The only difference between the levers is the position of the pull off spring hole; this has been moved to avoid a foul between the spring and the switch bracket on the support plate. UG.4083 can be used for all replacements.

The switch (UG.4049) differs from the one already used on other parts of the car (RD.7232) in that it is waterproofed.

The following parts, which have already been used on other applications are also fitted.

- 2 -

Warning lamp shield
Bulb

UD. 1412
RD. 4243

To fit the modification retrospectively it would be necessary to cut a hole in the instrument facia. It is not recommended.

- (i) Re-issued to amend part number of support plate.

HANDBRAKE WARNING LIGHT

BENTLEY S2, SILVER CLOUD II, PHANTOM V

The following are the chassis numbers of cars that incorporate the handbrake warning light.

"D" Series

Bentley S2 Standard Steel Cars

Chassis

B.415.DV onwards

"D" Series

Silver Cloud II Standard Steel Cars

Chassis

SZD.347 onwards

"B" Series

Bentley S2 Long Wheelbase

Chassis

LLBB.19 Onwards

"C" Series

Silver Cloud II Long Wheelbase

Chassis

LCC.49 Onwards

"C" Series

Bentley S2 Continental

Chassis

BC.78.CZ Onwards

"C" Series

Phantom V

Chassis

5.CG.11 Onwards

2. M. 36
Addendum

. 2 .

'B' Series
Phantom V

Chassis
5. LBX. 96

'C' Series

Chassis
5. LCG. 19, 21, 23 to 33, 37, 39, 41, 47 Onwards

2.M.37

Flasher and Headlamp Flick SwitchBentley S.2. Silver Cloud II. Phantom V.

A combined Flasher and Headlamp Flick Switch is now being fitted to production cars. In order to accommodate the new switch it has also been necessary to modify the Control Quadrant and cover. Wiring also is slightly modified.

Parts are not interchangeable, and numbers are as follows:

<u>Displaced</u>			<u>New</u>
UD.5971	Assy- Loom - Dist. Board - Facia Panel	LH.123	UD.8132
UD.8028	Assembly - Loom - Dist. Board to Front End L.H. Valance Plate	LH.123	UD.5674
UD.5972	Assembly - Loom - Dist. Board to Facia) Panel)		UD.5673
UD.8027	Assembly - Loom - Dist. Board to Front) End L.H. Valance Plate)	RH.123	UD.5675
UD.6121	Assembly - Loom - Front End L.H.) Valance Plate to Facia) Panel }		UD.5676
UD.6238	Assembly - Loom - Front End L.H. Valance Plate to Facia Panel	LH.123	UD.5677
UD.6086	Assembly - Loom - Front End R.H. Valance Plate to Facia Panel	RH.123	UD.5678
UD.6242	Assembly - Loom - Front End R.H. Valance Plate to Facia Panel	LH.123	UD.5679

2.M.37

- 2 -

<u>Displaced</u>			<u>New</u>
UD.8038	Assembly - Loom - L.H. - Valance 127" Coachbuilt, Phantom V and Continental	RH	UD.8163
UD.8039	Assembly - Loom - L.H. - Valance 127" Coachbuilt, Phantom V and Continental	LH	UD.8164
UD.8040	Assembly - Loom - L.H. - Valance, Continental	RH	UD.8169
UD.8041	Assembly - Loom - L.H. - Valance, Continental	LH	UD.8170
UD.5925	Assembly - Loom - Inst. Board, Continental Only required when Windtone Horns are fitted	RH	UD.8171
UD.5926	Assembly - Loom - Inst. Board, Continental. Only required when Windtone Horns are fitted	LH	UD.8172
UD.5927	Assembly - Loom - Inst. Board, Continental, Mulliner	RH	UD.8173
UD.5928	Assembly - Loom - Inst. Board, Continental, Mulliner	LH	UD.8174
UD.5924	Assembly - Loom - Inst. Board. to Dash. Phantom V	RH	UD.8166
UD.5923	Assembly - Loom - Inst. Board to Dash. Phantom V	LH	UD.8165
UD.5922	Assembly - Loom - Inst. Board to Dash. 127C/B	RH	UD.8147

ROLLS-ROYCE LIMITED, PYM'S LANE, CREWE, ENGLAND

2.M.37

- 3 -

DisplacedNew

UD.5921	Assembly - Loom - Inst. Board to Dash. 127C/B	LH	UD.8162
UD.5920	Assembly - Loom - Reg.Conn. Group to Facia. 127" PSC	RH	UD.8158
UD.5919	Assembly - Loom - Reg. Conn. Group to Facia. 172" PSC	LH	UD.8157
UD.8031	Assembly - Loom - Dist. Bd. to Front end Val. 127" PSC	RH	UD.8154
UD.8032	Assembly - Loom - Dist.Bd. to Front end Val. 127" PSC	LH	UD.8155
UD.5357	Assembly - Loom - Front end LH Val. Plate to Facia 127" PSC	RH	UD.8153
UD.5356	Assembly - Loom - Front end LH Val. Plate to Facia 127" PSC	LH	UD.8152
UD.8053	Assembly - Loom - Dist.Bd. to Facia Panel 127" PSC	RH	UD.8150
UD.8054	Assembly - Loom - Dist.Bd. to Facia Panel 127" PSC	LH	UD.8151
UD.5351	Assembly - Loom - RH Valance. 127" PSC	LH	UD.8156
	Cable-Horn Fuse Connection		UD.5680
	Cable - Earth Column Connection - Group to Instrument - Compartment to Earth		UD.5681

2.M.37

- 4 -

DisplacedNew

	Cable - Earth Column Connection Group to Column Earth	UD.5682
UR.4676	Switch - Combined Flasher and Headlamp Flicking Switch	UR.5273
UR.4692	Assembly Gear Change Quadrant	UD.5246
UR.4681	Grommet - Gear Change Quadrant	UR.5249
UG.3855	Assembly Gear Change Quadrant (Buttonless Column Gear Change)	UR.5454

The following existing part is also fitted:

Relay

RD.8145

On cars exported to North America the new switch will be fitted but the headlamp flicking contacts will be isolated by the fitting of a distance piece. Piece number of the switch is UR.5479. UR.5479 can easily be converted to UR.5273 by removing the distance piece UR.5480.

2.M.37.
Addendum

FLASHER AND HEADLAMP FLICK SWITCH

BENTLEY S2, SILVER CLOUD II, PHANTOM V

The following are the chassis numbers of cars that incorporate the Flasher and Headlamp Flick Switch.

'D' Series

Bentley S2 Standard Steel Cars

Chassis

B.415.DV Onwards

'D' Series

Silver Cloud II Standard Steel Cars

Chassis

SZD.347 Onwards

'B' Series

Bentley S2 Long Wheelbase

Chassis

LBB.20 Onwards

'C' Series

Silver Cloud II Long Wheelbase

Chassis

LCC.46, 47, 49 Onwards

'C' Series

Bentley S2 Continental

Chassis

BC.34.CZ, 38, 40, 41, 44, 45, 47, 50, 51, 53, 62, 64,
66, 67, 68, 70 Onwards

2.M.37

- 2 -

'B' Series
Phantom V

Chassis

5.BX.44, 52, 70, 82, 84, 96 onwards

2. M. 38.

INSTRUMENTSBENTLEY S. 2. SILVER CLOUD II, PHANTOM V.

Instruments with an improved type of illumination are now being fitted.

The colour is changed from ice green to blue and there is a more effective distribution of the light.

In order to achieve this result several detail changes have been made to the instruments and these are as follows:-

The bulbs in all the instruments have been changed from 3.6 to 2.2 with blue plastic filters. The overall interior finish is now white.

In the speedometer there are four evenly distributed bulbs in place of the two formerly fitted. A plastic lens, the purpose of which is to concentrate light on the mileage recorders, is fixed to the back of the dial. In order to provide clearance for the lens small dimensional alterations have been necessary to the dial and bezel.

The light aperture in the four in one instrument patch has been increased from .260 to .500. dia.

Only the general changes indicated above have been made to the clock.

When a rev. counter is fitted at customers request the only change to the instrument is the interior finish of white.

The only difference in the Continental Instrument light switch is the changed position of the resistance contact. Switches can be easily converted one to the other.

Part numbers are as follows:.

<u>Displaced</u>		<u>New</u>
UD. 5046	4 in 1 instrument (Rolls-Royce)	UD. 5820
UD. 5047	4 in 1 instrument (Bentley)	UD. 5821
UD. 8098	4 in 1 instrument (Rolls-Royce fitted with additional fuel tank)	UD. 8175

2. M. 38.

- 2 -

<u>Displaced</u>		<u>New</u>
UD. 8099	4 in 1 instrument (Bentley fitted with additional fuel tank)	UD. 8176
UD. 4512	Clock - (Rolls-Royce)	UD. 5819
UD. 4497	Clock (Bentley S2 and Bentley S2 Continental)	UD. 5818
UD. 5723	Rev. Counter (Rolls-Royce)	UD. 5817
UD. 4930	Rev. Counter (Bentley S2 & Bentley S2 Continental)	UD. 5843
UD. 4738	Speedometer (Phantom V 9/35 axle) Miles	UD. 5802
UD. 4739	Speedometer (Phantom V 9/35 axle) Kilos	UD. 5803
UD. 4740	Speedometer (Phantom V 9/35 axle) Kilos (Italy & Germany)	UD. 5804
UD. 4744	Speedometer, 13/40 axle Silver Cloud Miles	UD. 5808
UD. 5490	Speedometer, 13/40 axle Silver Cloud Miles/Kilos	UD. 5812
UD. 4745	Speedometer, 13/40 axle Silver Cloud Kilos	UD. 5809
UD. 5529	Speedometer 13/40 axle Silver Cloud Kilos/Miles	UD. 5814
UD. 4746	Speedometer 13/40 axle Silver Cloud (Italy & Germany) Kilos	UD. 5810
UD. 5529	Speedometer 13/40 axle Silver Cloud (Italy & Germany) Kilos/Miles	UD. 5845
UD. 4743	Speedometer 13/40 axle Bentley S. 2. (Italy & Germany) Kilos	UD. 5807
UD. 5528	Speedometer 13/40 axle Bentley S. 2. (Italy & Germany) Kilos/Miles	UD. 5844
UD. 4741	Speedometer 13/40 axle Bentley S. 2. Miles	UD. 5805
UD. 4742	Speedometer 13/40 axle Bentley S. 2. Kilos	UD. 5806
UD. 5489	Speedometer 13/40 axle Bentley S. 2. Miles/Kilos	UD. 5811
UD. 5528	Speedometer 13/40 axle Bentley S. 2. Kilos/Miles	UD. 5813
UD. 5482	Speedometer (13/40 axle Bentley S. 2. Continental) Kilos/Miles	UD. 8197
UD. 5483	Speedometer (13/40 axle Bentley S. 2. Continental Miles)	UD. 8198
UD. 5484	Speedometer (13/40 axle Bentley S. 2. Continental Kilos)	UD. 8199
UD. 5485	Speedometer (13/40 axle Bentley S. 2. Continental Italy & Germany, Kilos	UD. 8200

- 3 -

DisplacedNew

UD. 4237	Gauge - Ammeter Bentley S. 2. Continental	UD. 8201
UD. 4995	Oil Pressure Gauge - Bentley S. 2. Continental	UD. 8202
UD. 4921	Fuel/Oil Level Gauge - Bentley S. 2. Continental	UD. 8203
UD. 4899	Water Temperature Gauge - Bentley S2 Continental	UD. 8204
UD. 5469	Switch, Instrument Light - Bentley S2 Continental	UD. 8206

INSTRUMENTS

BENTLEY S2, SILVER CLOUD II, PHANTOM V

The following are the chassis numbers of cars that incorporate the blue floodlighting.

'D' Series

Bentley S2 Standard Steel Cars

Chassis

B.415.DV onwards

'D' Series

Silver Cloud II Standard Steel Cars

Chassis

SZD.347 onwards

'B' Series

Bentley S2 Long Wheelbase

Chassis

LBB.19 onwards

'C' Series

Silver Cloud II Long Wheelbase

Chassis

LCC. 49 onwards

'C' Series

Bentley S2 Continental

Chassis

BC.34.CZ. 38, 40, 41, 44, 45, 47, 50, 53, 66 onwards

'B' Series

Phantom V

Chassis

5.BX.44, 52, 70, 82, 84, 96 onwards.

2. M. 39.

COMPANION CIGAR LIGHTERBENTLEY S.2. SILVER CLOUD II (STANDARD STEEL CARS)

A new cigar lighter is now being fitted in the rear right hand companion: it is larger in diameter than the existing one, and is mounted on a loose plate, this no longer being secured to the socket.

Individual parts of the lighter are not interchangeable; the complete new lighter can be used for all replacements provided the aperture in the companion is increased in diameter, the lighter connectors on the boot loom changed and the mounting plate fitted.

Part numbers are as follows:-

<u>Displaced</u>		<u>New</u>
UD.1221	Assy - Cigar Lighter	UD.8240
UD.1220	Socket - Cigar Lighter	UD.8238
UD.1371	Knob and Element	UD.5893
UD.2250	Distance Piece - Cigar Lighter	
CS.31607/Z	Woodscrew - Lighter to Companion	CS.31333/Z
K.4404/Z	Washer - Plain	
	Mounting Plate - Cigar Lighter	UD.8239
UW.1055	Assy. - Companion - RH	UW.2532
UW.1048	Assy - Frame - Companion - RH	UW.2528

COMPANION CIGAR LIGHTER

BENTLEY S2, SILVER CLOUD II, (STANDARD STEEL CARS)

The following are the chassis numbers of cars that are fitted with the new cigar lighter.

'D' Series
Bentley S2

Chassis
B.493.DV Onwards

'E' Series
Silver Cloud II

Chassis
SAE.1. Onwards

A transistorised rev. counter is now being fitted on Bentley Continental S.2. cars. The new instrument is more accurate and is less sensitive to voltage fluctuations than the present model.

Minor changes have been made to the instrument board and engine looms. On the instrument board loom these consist of the deletion of the rev. counter to the distribution board cable, and the shortening of the fuel oil level gauge cable and the fitting of a nipple type connector in place of the cable eye. The rev. counter to ignition coil connection cable is also modified by fitting a cable eye at the rev counter end.

On the engine loom the ignition coil to rev. counter connector cable has been increased in length, and a new cable from the ignition coil to the distribution board has been added.

When the rev. counter is fitted at customers request, the fuel oil level gauge cable in the instrument board loom is slightly modified by shortening the cable at the oil gauge end, and fitting a nipple type connector in place of a cable eye.

The new rev. counter can be distinguished by the word "TRANSISTORISED" which is etched on the back.

The rev. counters are interchangeable provided that the modified wiring is incorporated.

Part numbers are as follows:

<u>Displaced</u>		<u>New</u>
UD.5843	Electric Rev. Counter -) Bentley S.2. Transistorised) Continental &) Customers request) on Standard and) Long Wheel Base) Bentleys	UD.8265
UD.5817	Electric Rev. Counter -) Customers request on Transistorised) Phantom V and) Standard and Long) Wheel Base Rolls-) Royce	UD.8266

- 2 -

<u>Displaced</u>			<u>New</u>
	Assembly - Cable - Snap	)	
	Connection Fuel Oil	) Bentley S2	
	Gauge	) Continental &	UD. 8279
		) Customers request	
	Assy. - Cable - Snap	) on other cars.	
	Connection Rev. Counter	)	UD. 8280
UD. 8171	Assy. - Loom - Inst.	) RH Park Ward	
	Board	) Bentley S. 2.	UD. 8275
		) Continental	
UD. 8172	Assy. - Loom - Inst.	) LH Park Ward	
	Board	) Bentley S. 2.	
		) Continental	UD. 8276
UD. 8173	Assy. - Loom - Inst.	) RH Mulliner	
	Board	) Bentley S. 2.	
		) Continental	UD. 8277
UD. 8174	Assy. - Loom - Inst.	) LH. Mulliner	
	Board	) Bentley S. 2.	
		) Continental	UD. 8278
UD. 8042	Assy - Loom - Engine	) Bentley S. 2.	
		) Continental	UD. 8267
UD. 5673	Assy. - Loom - Inst.	) RH Bentley S. 2. and	
	Board	) Silver Cloud II	
		) Standard cars.	UD. 8330
UD. 8132	Assy. - Loom - Inst.	) LH Bentley S. 2. and	
	Board	) Silver Cloud II	
		) Standard Cars	UD. 8331.
UD. 8147	Assy - Loom - Inst.	) RH Bentley S. 2. and	
	Board	) Silver Cloud II	
		) Long Wheelbase	
		) Coachbuilt cars	UD. 8332

2.M.40.

- 3 -

<u>Displaced</u>			<u>New</u>
UD.8162	Assy. - Loom - Inst. Board	) LH Bentley S.2. and) Silver Cloud II) Long Wheelbase) Coachbuilt cars.	UD.8333
UD.8150	Assy. - Loom - Inst. Board	) RH Bentley S.2. and) Silver Cloud II) Long Wheelbase) cars	UD.8334
UD.8151	Assy. - Loom - Inst. Board	) LH Bentley S.2. and) Silver Cloud II) Long Wheelbase) cars	UD.8335
UD.8165	Assy. - Loom - Inst. Board	) LH Phantom V) Cars	UD.8336
UD.8166	Assy. Loom - Inst. Board	) RH Phantom V) Cars	UD.8337
	Assy- Cable - Electric Rev. Counter - Ignition Coil Connection.	))Customers request)cars	UD.8338
	Assy - Cable - Ignition Coil - Rev. Counter Connection	))Customers request)cars	UD.8339

Addendum 2. M.40

ELECTRIC REV. COUNTER

There may be occasions in the future when it will be necessary to supply UD.8265/6 rev. counter as a replacement for UD.5843 and UD.5817.

In such a case the following re-wiring will be required.

- 1) Fit nipple connection to distribution board end of fuel/oil level gauge cable.
- 2) Tape back distribution board '11' terminal to rev. counter cable in instrument board loom.
- 3) Connect a cable between the ignition coil CB terminal and rev. counter CB terminal.
- 4) Connect cable between rev. counter positive terminal and distribution board '11' auxiliary terminal; use should be made of a two way connector to also connect the fuel/oil gauge lead to the distribution board '11' auxiliary terminal.
- 5) Connect negative E terminal on rev. counter to earth.

RADIOBENTLEY S2 SILVER CLOUD II PHANTOM V

Transistor radios are now being fitted on all cars.

The fitting of the new radio has necessitated the inclusion of a new radio finisher and new mounting brackets. It has been necessary to slightly modify the picnic tray cross support on standard and long wheelbase cars.

Only complete radio assemblies are interchangeable, and part numbers are as follows:

<u>Displaced</u>		<u>New</u>
* UD. 5337	Assy - Radio 622T Medium Wave	UD. 8291
* UD. 5336	Assy . Radio 620T Medium & Long Wave	UD. 6317
UD. 5339	Radio Control Unit - 622T Medium Wave	UD. 8290
UD. 5338	Radio Control Unit - 620T Medium & Long Wave	UD. 6311
UD. 4972	Finisher - Radio	UD. 6312
UD. 4753	Mounting Bracket - LH - Radio	UD. 6313
UD. 4752	Mounting Bracket - RH - Radio	UD. 6314
	Clip - Radio Supply Cable	UD. 6316
UD. 5340	Amplifier Unit	
UD. 4971	Link Lead	

The following existing parts are also fitted :

Clip - Aerial Connection	RB. 7001
Screw - Clip	CS. 31660/Z

Parts prefixed thus * are alternatives at customers request.

2.M.41

Addendum

RADIOBENTLEY S.2. SILVER CLOUD II PHANTOM V

In order to provide for a matched set of radio knobs on cars which are fitted with transistor radios, the balance control knob which was introduced on Information Sheet 2.S.11 has been replaced with a restyled knob.

The knobs are not interchangeable and numbers are as follows :

DisplacedNew

UD.5878

Assy - Balance Control Knob - Radio

UD.8609

2. M. 42

REAR WINKER LAMP

BENTLEY S2 CONTINENTAL

The rear winker lamps, part numbers UD.4842 and UD.4843 (S2 Spares Schedule. Page J.12 Items 16 and 18), are for use on all cars destined for the U.S.A. and not just for cars destined for California.

Part numbers for the right hand rear winker lamp (Item 16) should read UD.4842 and not UD.4942.

STARTER MOTOR

BENTLEY S2 SILVER CLOUD II PHANTOM V

Bulletin S2/M5 instructs that in all cases of a 3 roller clutch drive failing the opportunity should be taken to convert the starter motor to a 4 roller clutch drive.

Accordingly no further supplies of 3 roller clutch drives, CD. 1690, will be available for spares. Only the four roller clutch, to which piece number CD 2174 has been allocated, will be available..

BENTLEY S2 SILVER CLOUD II PHANTOM V.

The base of the lamp occupies a slightly larger area, and in consequence a modification is required to the platform on the rear wing.

<u>Displaced</u>	<u>New</u>
UD.2274 Lamp - Rear) Cars destined for France only.	UD.8216
UD.2294 Lamp - Rear) Cars destined for America and) Canada only.	UD.8217
UD.1716 Lamp - Rear) Not used on cars destined for) France America & Canada.	UD.8215

2. M. 44.
Addendum

REAR LAMPS

BENTLEY S2, SILVER CLOUD II, PHANTOM V

The following are the chassis numbers of cars that are fitted with the new rear lamps.

'D' Series

Bentley S2 Standard Steel Cars

Chassis

B.148.DW

'E' Series

Silver Cloud II Standard Steel Cars

Chassis

SAE.389 Onwards

'B' Series

Bentley S2 Long Wheelbase

Chassis

LLBB.30 Onwards

'C' Series

Silver Cloud II Long Wheelbase

Chassis

LLCC.65, 101.

'D' Series

Chassis

LCD.1., 14 Onwards

'C' Series

Bentley S2 Continental

Chassis

BC.55.LCZ, 59, 62 to 76, 78 Onwards

2. M. 44.

AddendumREAR LAMPSBENTLEY S.2. SILVER CLOUD II

Since the original issue of this Information Sheet, new part numbers have been raised for rear wings, which are fitted to cars prior to the introduction of the new rear lamps. The original rear wing part numbers have been retained for cars that incorporate the new rear lamps.

The wings are not interchangeable and part numbers are as follows:-

Cars incorporating the original rear lamps

△ RH.2181 Rear Wing - LH
RH.2182 Rear Wing - RH

Cars incorporating the new rear lamps

- 473/123 Rear Wing - LH
- 373/102 Rear Wing - RH

2. M. 45.

DIVISION CIGAR LIGHTERBENTLEY S2, SILVER CLOUD II LONG WHEEL BASE ONLY

In order to provide improved fittings for the division cabinet a new cigar lighter is now being fitted.

Complete cigar lighters are interchangeable only, provided the washer and bezel are also fitted.

Part numbers are as follows :

<u>Displaced</u>		<u>New</u>
UD.1221	Assy Cigar Lighter	UD.8240
UD.1371	Knob and Element	UD.5893
UD.1220	Socket	UD.8238
	Washer - Cigar Lighter	UD.8304
	Bezel - Cigar Lighter	UD.8305

HEADLAMPSBENTLEY S.2. SILVER CLOUD II PHANTOM V

A sealed beam all glass light unit is now being fitted on all cars, in conjunction with a new backshell assembly. The backshell incorporates an adjustable housing, which provides for a more accurate alignment of the horizontal and vertical beam setting of the headlamp: it is completely interchangeable with the old one and will be fitted on left and well as right hand cars.

If S2/11 owners require their cars converting, the light units are directly interchangeable without the addition of any extra parts. This also applies to some late S.1. cars which were fitted with S.2. lights. In the case of early S.1. cars an adaptor and cable assembly, UD. 5444, will have to be supplied additionally.

Should a customer wish to travel to the Continent it will be necessary to replace the sealed beam unit with the conventional light unit having a metal reflector and a yellow bulb.

With the introduction of this light unit it will no longer be possible to carry a spare headlamp bulb and the opportunity has been taken to redesign the tool tray making a common one for both home market and export cars. The new tool tray retains the spare bulb compartment but this is blanked with a removable rubber bung when the cars are fitted with the new light unit.

The original 'export only' tool tray is interchangeable with the new type, but the home market one is not.

Parts numbers are as follows :

<u>Displaced</u>		<u>New</u>
UD. 5422	Headlamp and Backshell - Sweden	UD. 8247
UD. 4416	Headlamp and Backshell Assembly)	
UD. 4502	Headlamp and Backshell Assembly)	
UD. 1581	Headlamp and Backshell Assembly)	UD. 6307
UD. 1704	Headlamp and Backshell Assembly)	
	Light Unit - U.S.A. and Canada	UD. 8300
UD. 5708	Light Unit)	
CD. 408	Light Unit)	
CD. 568	Light Unit)	UD. 5774
CD. 1363	Light Unit)	
CD. 1365	Light Unit)	
CD. 1974	Light Unit)	

- 2 -

<u>Displaced</u>		<u>New</u>
CD. 890	Backshell - Headlamp	UD. 5775
UD. 5652	Backshell - (Headlamp) French Cars	UD. 8225
UR. 4815	Assy. - Moulding - Tool Tray)	
UR. 5202	Assy. - Moulding)	UR. 5484
	Tool Tray) Export Cars)	
UB. 2835	Assy. - Lid - Tool Tray)'Export only)	
	)tool tray lid)	
	)is now common)	UB. 3028
	)for home)	
	)market & export)	
	)cars)	

The headlamps for left hand cars which incorporate the new backshell are as follows :

<u>Displaced</u>		<u>New</u>
UD. 1580	Assy. - Headlamp)	
UD. 1787	Assy. - Headlamp)	UD. 6307
UD. 5540	Assy. - Headlamp - Switzerland	UD. 8243
	Assy. - Assymetric Beam Headlamp)Park	
	(Switzerland))Ward PH. V	
	)enclosed	
	)limousine	
	)& Mulliner	
	)PH. V.	UD. 5421
	)touring	
	)limousine	
UD. 1782	Assy. - Headlamp - France	UD. 8249
UD. 5013	Assy. - Headlamp) U.S. A. and	
	Assy. - Headlamp) Canada	UD. 8242
	Assy. - Assymetric Beam Headlamp -	
	Austria	UD. 8301

Spares for headlamp assy UD. 8242 can be purchased in U.S. A. and Canada.

2.M.47

CT.23 (MULLINER ONLY)WINDSCREEN WIPER

The standard car windscreen wiper arm and blade is now being fitted to Mulliner Continentals.

The standard arm is shorter than the original and they are therefore only interchangeable in sets.

Piece numbers are as follows :

<u>Displaced</u>		<u>New</u>
UD.2455	Windscreen Wiper Arm	UD.4690 CD.2096
	Blade	UD.2134
	Blade	UD.4692

The blade UD.2134 was the one fitted with the original arm UD.2455 and is also the one fitted with arm CD.2096.

If CD.2096 is supplied as a replacement no blade need be supplied.

If UD.4690 is supplied as a replacement blade UD.4692 must also be supplied.

2. M. 48

STARTER RINGBENTLEY S2, SILVER CLOUD, PHANTOM V

Further to Spares Information Sheet 2. M. 15. it has been decided that the original starter ring can now be used as an alternative to the new starter ring.

Part numbers are as follows :-

UE.6814	Sub-Assy - Starter Ring
UE.8399	Sub-Assy - Starter Ring
UE.3489	Starter Ring
UE.8434	Starter Ring

The original starter ring has been introduced on the following chassis :-

'D' Series
Bentley S2 Standard Steel Cars

Chassis
B. 208. DW. onwards

'E' Series
Silver Cloud II Standard Steel Cars

Chassis
LSAE. 485

'B' Series
Bentley S2 Long Wheelbase

Chassis
LLBB. 30 Onwards

'D' Series
Silver Cloud II Long Wheelbase

Chassis
LCD. 15 onwards

2. M. 48

- 2 -

'C' Series
Bentley S2 Continental

Chassis
BC.137.LCZ onwards

'C' Series
Phantom V

Chassis
5.LCG.79 onwards

2. M. 49

BATTERIESBENTLEY S2, SILVER CLOUD II, PHANTOM V

Sealing strips are now being fitted to the battery lids on cars supplied to home market. Previously they have been fitted to export cars only.

The battery lids are interchangeable and numbers are as follows:-

DisplacedNew

UD. 1062

Assy - Lid and Seat - Battery

UD. 4007

2. M. 50

RADIOBENTLEY S2, SILVER CLOUD II, PHANTOM V

Control units with restyled knobs are now being fitted.

Units are interchangeable and piece numbers are as follows:-

DisplacedNew

UD. 5176

Control Unit, medium & short

UD. 8182

WINDSCREEN WIPER RACK

PHANTOM V BENTLEY S2 CONTINENTAL

Part numbers are as follows:-

<u>Displaced</u>		<u>New</u>
UD.8125	Assy - Windscreen Wiper Motor)Phantom V and)all Continentals)except Park Ward	UD.5754
UD.8126	Assy - Windscreen Wiper Motor)RH Park Ward)Continentals	UD.5755
UD.8127	Assy - Windscreen Wiper Motor)LH Park Ward)Continentals	UD.8074
UD.8112	Tube - Extension - Wheelbox	UD.1877

2. M.52

WINDSCREEN WASHER

BENTLEY S.2 SILVER CLOUD II PHANTOM V

Complete windscreen washers, including glass jar and cage, are sometimes returned for credit. In most cases only the motor and pump assembly is at fault and a considerable saving can therefore be made by returning these component parts only.

Piece number for this assembly is CD.2895 and it is covered by an exchange service scheme retail price £1. 17. 6.

REAR LAMP - UD.1716 etc

BENTLEY S SERIES SILVER CLOUD

A number of cases have recently occurred, of the rear lamp reflector being condemned during the vehicle fitness test on the grounds of discolouration.

New reflectors are available but in order to fit them the following procedure is necessary:-

- (a) Remove the two rivets which secure the lamp rim to the base. The rivets are copper and can easily be cut away on the inside edge of the lamp.
- (b) Remove the screw and washer which secure the reflector to the lamp base.
- (c) Spring back the base of the lamp sufficiently to extract the old reflector and insert the new one.
- (d) Secure the reflector and rivet the lamp base to the rim.

Parts required are as follows:-

CD.2261 - Reflector	1 off
CD.3342 - Rivet	2 off

- (i) Re-issued to quote the respective piece numbers for the rivets and the reflector.

2. M. 54

CLIP - H. T. LEADSBENTLEY S.2. SILVER CLOUD II PHANTOM V

To provide increased clearance between the H. T. leads and the starter motor; the H. T. lead sleeve clip, which is situated directly above the starter motor, was modified on S3/III cars. This clip will be supplied for all replacement on S2/II cars.

Clips are interchangeable, and numbers are as follows:-

DisplacedNew

UE.6209

Clip - H. T. leads

UE.10293

2. M. 55.

DIVISION WINDOW LIFTBENTLEY S.2. and SILVER CLOUD II

Information Sheet 2. M. 23 introduced a modified solenoid assy. for the door windows- the earlier casing continued to be used in the division, where fitted.

For purposes of economy the new door window lift solenoid will now be supplied when replacements are required for the division.

DisplacedNew

UD. 3300	Assembly of Solenoid and Casing	UD. 5763
UD. 3297	Assembly of Solenoid	UD. 5764
UD. 3299	Grommet	UD. 2259

STEERING PUMP

BENTLEY S2, SILVER CLOUD II, PHANTOM V.

The steering pump at present fitted on all the above cars has been modified for the Phantom V cars only.

The modification provides a stronger pump for lighter steering under parking conditions. The only difference between the two pumps is that a stronger relief valve spring has been fitted.

Part numbers are as follows:-

Displaced

New

UE. 5671 Steering Pump

UE. 8400

UE. 4172 Relief Valve Spring

UE. 4171

STEERING HOSE

BENTLEY S2 SILVER CLOUD II PHANTOM V

The distance piece, which is used on the front shock damper stud mounting the steering hoses, has been omitted from the spares schedule, sheet D5. The part number of the distance piece is UR. 2852; quantity of the short distance piece UR. 969, Reference No. 12, should be 2 off not 3

(1) Re-issued to quote correct page number

STEERING WHEEL

BENTLEY S.2. SILVER CLOUD II PHANTOM V

The existing steering wheel extractor, RH.593, is quite satisfactory for use on the above cars except that some form of pressure pad is required for the centre screw.

Such a pad, RH.7271, is now available.

2. N. 4.

Steering Box

Bentley S2 Silver Cloud II Phantom V

The range of thrust washer (S2 Spares Schedule Page No. H5 Reference 62) has been increased.

New parts are as follows:

UR.5457/60 Washers .192 - .198 respectively.

STEERINGBENTLEY S2 SILVER CLOUD II PHANTOM V

A modified steering cam tube bearing has been introduced, piece number is as follows:-

DisplacedNew

UR.1695 · Bearing, steering cam tube

UR.5481

UR.1695 should no longer be used.

At the same time UR.3361 bearing, which was formerly used on S1 only, has now been introduced as an alternative to UR.5481.

UR.5522 has been introduced as yet another alternative.

UR.5481 and UR.5522 can of course be used as alternatives to UR.3361 on S1.

Z.N.6.

STEERING BOXBENTLEY S2 SILVER CLOUD II PHANTOM V

In order to prevent oil seeping along the steering box end cover studs, via the threads, a Dome type nut is now being fitted.

Bentley S2 Silver Cloud II Part List, Page No. H.1, Item 9 and Page No. H.2. Item 8.

Part numbers are as follows:-

DisplacedNew

UA.302/Z Dome Nut 5/16 dia, End Cover

UR.5525/Z.

2.N.7.

STEERINGBENTLEY S2 SILVER CLOUD II PHANTOM V LH CARS

Lighter steering has been provided on LH cars by modifying the steering valve housing and steering pump, and the deletion of two sets of primary springs and plungers and two spacing pins and twelve secondary springs. The two outlet banjo bolts which feed oil to and from the power cylinder have been replaced by two bolts having a restricted oil flow.

From a material point of view the modification consists essentially of deleting two sets of primary springs and plungers, two spacing pins and twelve secondary springs, and the fitting of a modified spool valve and a higher poundage pump relief valve spring.

In order to incorporate the modification as soon as possible and at the same time use up existing material, existing valve housings have been bored out in two of the four plunger holes and fitted with blanking pins in place of two sets of primary springs and plungers.

The final housing has only two plunger bores.

The modified spool valve can be used for all replacements on LH or RH cars, whether the lightened steering has been fitted or not.

Part numbers are as follows :

INTERMEDIATE SYSTEM

<u>Displaced</u>		<u>New</u>
UR.4172	Mod. valve housing, steering box	UR.5895
	Blanking pin, valve housing	UR.5900

FINAL SYSTEM

UR.4260	Assy. valve housing	UR.5892
UR.4172	Valve housing, steering box)	
UR.5895	Mod. valve housing, steering box)	UR.5891
UR.1673	Spool valve, steering box	UR.5647

- 2 -

The quantities of the following parts required for the steering box assembly have been reduced by half :

The lighter steering can be identified by the spigot on the head of the banjo bolts. The new bolt has a .500 diameter spigot and the original bolt had a 1.000 diameter spigot.

STEERING

BENTLEY S2, SILVER CLOUD II, PHANTOM V LH CARS

The following are the chassis numbers of cars that incorporate the lighter steering modification.

'D' Series

Bentley S2 Standard Steel Cars

Chassis

B.192.LDW onwards on LH cars.

'E' Series

Silver Cloud II Standard Steel Cars

Chassis

L.SAE.441 onwards on LH cars less L.SAE.497 and L.SAE.499.

'B' Series

Bentley S2 Long Wheelbase

Chassis

L.LBB.30 onwards on LH cars

'D' Series

Silver Cloud II Long Wheelbase

Chassis

L.LCD.11 onwards on LH cars

'C' Series

Bentley S2 Continental

Chassis

BC.135.L.CZ onwards on LH cars

'C' Series

Phantom V

Chassis

5.L.CG.79 onwards on LH cars

FOR INFORMATION

FRAME - S2.

The cross channel for radiator and cooling receiver on Phantom V, Long Wheel Base Bentley and Silver Cloud cars, has been given anti corrosive treatment.

Part No's are:-

Displaced

UR. 2621

New

UR. 5203

CENTRE BODY MOUNTING

BENTLEY S2 SILVER CLOUD II LONG WHEELBASE

PARK WARD CARS (WITH DIVISION)

In accordance with the existing practice on standard steel cars, the right and left hand centre body mounting brackets are now being fitted on the above cars.

Part Number is as follows:-

UR. 985 - Body Mounting Bracket Assy.

2.P.3.

PETROL PUMP STONEGUARDPHANTOM V

A heavier guage petrol pump stoneguard is now being fitted in order to reduce the risk of damage to the pump particularly when loose surface ston are experienced.

In order to fit this heavier gauge stoneguard, support brackets are now welded to the frame, in place of studs.

Parts are not interchangeable and piece numbers are as follows:-

DisplacedNew

UR.3048	Stoneguard
UR.2463	Setscrew - Stoneguard
K.4404/Z)	
UA.1252/Z)	Washer - Stoneguard

UR.5531
UA.102/Z
UA.1251/Z

2. P. 3.
Addendum

PETROL PUMP STONEGUARD

PHANTOM V

The following are the chassis numbers of cars that incorporate the heavier gauge petrol pump stoneguard.

'C' Series

Chassis

5. LCG. 51 onwards

EXHAUST SYSTEM BENTLEY S2 SILVER CLOUD II PHANTOM V.

In order to reduce the exhaust noise level it has been decided to fit the S.1. type front silencer with suitably modified pipes and flanges.

Parts which are interchangeable are as follows :-

<u>Displaced</u>		<u>New</u>
UE.7587	Assy-Front Silencer and Intermediate Pipes (Bentley S.2.) (127" Wheelbase) (Silver Cloud II)	UR. 5188
UE.7569	Assy-Front Silencer and Intermediate Pipes (Phantom V)	UR. 5185
UE.7563	Assy-Front Silencer and Intermediate Pipes (All other except Continental)	UR. 5187

UE.7563 is unchanged for Bentley S.2. Continental.

2.Q.1.
AddendumExhaust SystemBentley S.2, Silver Cloud II Phantom V

The following are chassis numbers of cars which are fitted with the S.1 type front silencer.

'B' SeriesBentley S.2 (Standard Steel Cars)Chassis

B.121.BR, 133, 147, 247, 251, 255, 271, 289, 293, 295, 323, 335, 337, 339, 343, 371, 373, 375, 385, 421 to 429, 441, 451, 453, 473, 477 to 483, 491 to 495. Odd numbers only

B.16.BS to 22, 26, 28, 48, 50, 52, 62 to 68, 92, 96, 100, 104, 116, 132, 134, 136, 150, 152, 164, 168, 172, 176, 180, 184, 186, 188, 194, 196, 198, 204, 206, 210, 214, 218, 222, 226, 224, 246, 250, 256, 258, 262, 264, 268, 270, 272, 294 to 300, 312, 316, to 322, 330, 336, to 342, 346 to 352, 370, 372, 274, 376, 382 to 414, 418 to 500. Even numbers only.

Silver Cloud II (Standard Steel Cars)Chassis

STB.52, 66, 116, 150, 208, 212, 214, 222, 224, 226, 232, 234, 240, 244, 250, 280, 284, 290, 294, 300, 302, 306, 326, 332, 336, 342, 368, 370, 376, 380, to 394, 404, 406, 412, 416, 418, 422, 426, 446, to 452, 470, to 478, 486, 488. Even numbers only.

SVB.1 to 27, 51, 55, 57, 59, 65 to 77, 93, 101, 103, 107, 111, to 123, 127, to 137, 153, 159, 163 to 173, 177, 179, 183, 185, 191 to 203, 211, 215, 221, 225 to 231, 237 to 243, 247, 251, 253, 261, 267, 269, 273, 279, 281, 285 to 289, 293 to 299, 305, 311, 313, 319, 329, 331, 337, 345, 347, 355, 359 to 369, 377, to 381, 385, 387, 391, 393, 397, 399, 405, 409, 411, 415, 423, 425, 427, 431, 433, 437, 439, 443, 445, 449 to 453, 457 to 461, 471 to 493. Odd numbers only.

- 2 -

'A' Series
Bentley S.2. (Long Wheelbase)

Chassis

LBA.7, 9, 18 to 26 inclusive.

Silver Cloud II (Long Wheelbase)

Chassis

LCA.40, 41, 44 to 50, 52, 53, 55, 57, 60, 61, 63, 65 to
69, 73, 76 inclusive.

'B' Series
Bentley S.2. Continental

Chassis

BC.16.LBY.

'A' Series
Phantom V.

Chassis

5.AS.21, 33, 73.
5.AT.24, 32 to 44, 48, 50, 54, to 74, 78 to 100. Even
numbers only.

EXHAUST SYSTEMPHANTOM V

The introduction of heater ducts under the rear seats has left insufficient clearance between them and the exhaust pipe where it passes over the frame, thus allowing the ducts to pick up excessive exhaust heat and pass it to the car floor.

A new frame has been introduced with holes cut in the side member and cruciform which allows the exhaust pipe to pass through the frame.

Due to the changed position of the system a new rear silencer and mounting bracket is required.

Two types of pipe coupling will be used. The intermediate one will employ conventional joint and flanges; later these will be superseded by bell mouthed pipes, adjoining ring and clamp assembly.

Part numbers are as follows:-

Intermediate ExhaustDisplacedNew

UR 5185 Assy - Front Silencer and Intermediate
Pipe

UR.6105

UE.7604 Assy - Rear Silencer and Intermediate
Pipe

UR 6104

UD.1670 Earth Strip

UD.6310

Final Exhaust

UR.6104 Assy Rear Silencer and Intermediate
Pipe

UE 8863

UR.6105 Assy Front Silencer and Intermediate
Pipe

UE.8864

Assy Clamp, Exhaust Pipe
Sealing Ring Exhaust

UR 5366

UR.5367

- 2 -

UE 1144 Joint
UR.3865 Frame

UR 6088

None of the parts are interchangeable but it may be noted that UR 6088 frame can be used in place if support bracket UR.3937 is welded on in the original position.

EXHAUST SYSTEM

PHANTOM V

The following are chassis numbers of cars which incorporate the intermediate "through the frame" exhaust system.

'B' Series
Phantom V

Chassis

5.BV.99, 101 -
5.BX.2, 6 to 100

'C' Series

Chassis

5.CG. 1 to 9

The following are chassis numbers of cars which incorporate the final scheme for "through the frame" exhaust system.

'C' Series
Phantom V

Chassis

5.CG.11 Onwards.

EXHAUST FITTINGS

BENTLEY S.2. SILVER CLOUD II.

In order to obviate occasional complaints of excessive heat transference in the rear compartment, it has been found necessary to lower the exhaust pipe at the point where it passes over the frame. In order to do this, modifications have been made to the front silencer exit pipe and the rear silencer intake pipe.

Silencer assemblies are only interchangeable in pairs, part numbers are as follows:-

<u>Displaced</u>			<u>New</u>
UR. 5187	Assy, Front Silencer and Intermediate Pipes	)Bentley S2)Silver Cloud II)123" Wheelbase) cars	UR. 5439
UE 7563	Assy, Front Silencer and Intermediate Pipes	)Bentley S2)Continental	UR 5453
UR 5188	Assy, Front Silencer and Intermediate Pipes	)Bentley S2)Silver Cloud If)127" Wheelbase cars	UR. 5388
UE. 7585	Assy, Rear Silencer and Front Intermediate Pipes		UR. 5389

EXHAUST FITTINGS

BENTLEY S2. SILVER CLOUD II

The following are chassis numbers of cars which incorporate the new silencer assemblies.

'C' Series

Bentley S.2. (Standard Steel Cars)

Chassis

B.262.CU, 280 Onwards

'C' Series

Silver Cloud II (Standard Steel Cars)

Chassis

SXC.359, 371, 381, 391, 393, 399 Onwards

'A' Series

Bentley S2 (Long Wheelbase)

Chassis

LBA.25 Onwards

'B' Series

Silver Cloud II (Long Wheelbase)

Chassis

LCB.63 Onwards

'B' Series

Bentley S.2. Continental

Chassis

BC.76.BY. Onwards

2.Q.5.

EXHAUST FITTINGSBENTLEY S.2. SILVER CLOUD II

Manufacturing problems at the commencement of production of these cars occasionally results in difficulties being experienced in the fitting of new front and rear silencers.

In order to overcome these problems it has been decided to revert to the pre-war practice of supplying these assemblies with the front end flange loose. An extra half inch of material is also provided on the end of each pipe.

Piece numbers are as follows :-

<u>Displaced</u>		<u>New</u>
UR.5187	Assy - Front Silencer and Inter Pipes - (Bentley S2 Silver Cloud II Standard Steel Cars).	RH.7365
UR.5188	Assy - Front Silencer and Inter. Pipes Bentley S2 Silver Cloud II Long Wheel- base cars	RH.7366
UE.7585	Assy - Rear Silencer and Front Inter. Pipes	RH.7367

When RH.7365 or RH.7366 Front Silencers are supplied 2 Flanges part number UR.5208 are also supplied with each silencer.

When RH.7367 Rear Silencer is supplied a Flange part number UR.5209 is also supplied.

DOOR LOCKS AND STRIKERS

There are several ways of expressing the hand of the door concerned when ordering locks and strikers and this sometimes causes confusion and hence the despatch of the wrong parts.

The usual method adopted by the accessory makers and by this company is to ignore the hand of the door and concentrate on which side of the door the lock is positioned; thus a left hand lock is fitted on the LH side of the door and a right hand one on the right hand side.

If, therefore, the right hand door hinges are on the front pillar the lock will be on the left hand side of the door and we would term it a LH lock. The same lock would be used on the left hand side of the car if the door were hinged on the centre pillar; it would still be on the left hand side of the door and would therefore be a LH lock.

On Bentley and Rolls-Royce cars produced since the war the B.VI and 'R' type had both doors hinged on the centre pillar.

On the right hand side, therefore, the front door lock was right hand and the rear door lock was left hand.

On the 'S' series cars front doors hinge on the front pillar and the right hand door lock is therefore a L.H.one.

The rear door is hinged on the centre pillar and the RH door lock is therefore also a LH one.

In simple terms the rule is to just look at the lock and state on which side of the door it is located.

S.2.

BONNET PANELSSILVER CLOUD I.

The existing spares schedules are somewhat misleading on the subject of bonnet panel assemblies. To avoid confusion two new piece numbers have been issued and the position is now as follows:-

For bonnet panel assemblies without hinge but with reinforcement plates and rivets use piece numbers RH.216 RH and RH.217 LH.

For bonnet panel assemblies complete with hinges use piece numbers RH.2070 RH. RH.2071 LH.

BENTLEY 6 and SILVER DAWNTRUNK DOOR 327/085

Supplies of these doors are no longer obtainable.

In order to conserve stocks it has become necessary to supply new doors on a replacement basis only.

No matter how badly damaged, doors must be returned to Crewe for possible reclamation.

S.4.

BONNETSBENTLEY S.1 SILVER CLOUD I.

The only difference between Bentley S.1 and S.2 bonnet assemblies and their Silver Cloud equivalents is the provision, on the S.2 assemblies, of parts to support the air silencer.

Although these parts are not used on S.1 cars their presence does not cause any interference and, accordingly, when stocks have been used up, S.2 bonnet assemblies will be supplied for all replacements.

Piece numbers are as follows:-

<u>Bentley S.1.</u>	373/014
Silver Cloud I	UE.1354

<u>Bentley S.2</u>	373/407
Silver Cloud II	UE.7758

FOR INFORMATION

BODY

The cast in studs, of the grab handles fitted to standard S Series cars, are too short for use on the centre division of long wheel base cars. In order to make use of the same handle, extension sleeves and studs have been provided.

Part numbers are as follows:-

Handle Assy Complete with Sleeves and Studs	UB. 3021
Sleeve	UB. 3022
Stud	UB. 3023
Standard grab handle	UB. 1608

FOR INFORMATIONPEDALS - S2.

On early S2 cars difficulty was occasionally experienced in fitting the brake pedal housing to the pedal gap plate. This difficulty was occasioned by an insufficient degree of adjustment.

A modification, introduced to provide this increased adjustment, consists essentially of increasing the diameter of the holes in the pedal gap plate. Unfortunately in order to achieve this increase it has been necessary to change the hole centres and this of course affects interchangeability.

The modified pedal gap plate can be used on early cars provided all the other modified parts are also supplied; these would consist of the pedal gap plate assy., housing assy., lower, housing assy., upper, joint.

The same thing would be true of other parts but on the grounds of economy it is not recommended.

Part numbers are as follows:-

<u>Displaced</u>	<u>New</u>
UR.4242 Pedal Gap Plate Assy. ,	UR.5067
373/396 Housing Assy. , Lower	UR.5064
173/858 " " Upper	UR.5060
UR.4817 Joint, Housing	UR.5059

Pedals

Bentley S2 Silver Cloud II Phantom V.

The following are additional chassis numbers of cars which incorporate the modification to the pedals.

'C' Series

Bentley S2 (Standard Steel Cars)

Chassis

B.1.CT to B.445.CT Odd numbers only.
B.2.CU to B.756.CU Even numbers only.

'C' Series

Silver Cloud II (Standard Steel Cars)

Chassis

SWC.12, 14, 18, 22 to 730. Even numbers only
SXC.1 to SXC.671. Odd numbers only.

'A' Series

Bentley S2 (Long Wheelbase)

Chassis

LBA.18 to 26 Inclusive.

'B' Series

Bentley S2 Continental

Chassis

BC.1.BY to BC.7.BY, 9 to 101 Inclusive

'B' Series

Phantom V

Chassis

5.BV.1 to 5.BV.101. Odd numbers only
5.BX.2, 4, 6.

FRONT WINGS - AIR INTAKES

The material of the front wing air conditioning air intake grille has been changed from Neoprene to natural rubber. There is a slight change in the profile of the grille but it is not noticeable and the parts can be considered interchangeable.

Part numbers are as follows:-

Displaced

UB. 3011	Grille Assy
UB. 3010	Grille

New

UP 4040
UB 4037

CORROSION OF FRONT WINGS - S.SERIES

Fairly extensive corrosion has been occurring on S.Series front wings in Canada and Sweden where salt is liberally used, throughout the Winter, on icebound roads.

The S.Series wing is particularly prone to attack because the salt solution lodges in the joint between the rear baffle plate and wing and this is where corrosion commences.

A modification has been issued which provides for treatment of all S.Series front wings at P.S.C. but until this is introduced it is necessary for wings to be treated here. An RH number has been introduced and this should be used to indicate that special anti-corrosion treatment is desired. The standard wing number should also be given to indicate the type.

The special number is RH.7187.

FRONT SEATS - FALL TABLE

Future fall table links will be made of stainless steel in place of chrome plated brass.

Part numbers are:-

Displaced

New.

RB. 7236 - Assy - Links - Fall Table - RH

UB. 3050

RB. 7237 - Assy - Links - Fall Table - LH

UB. 3049

SPARE WHEEL COMPARTMENT COVER

BENTLEY S. 2. SILVER CLOUD II

Covers are now being fitted to the spare wheel compartment aperture.

The fitting is a simple one, consisting only of the cover, which is secured by two 'Oddie' clips.

Several detail changes have been necessary to the rear end of the body particularly on the L.H. side, so that the clips can be fitted, but the only effect on interchangeability is that if any body section which includes the jack-strap is supplied, it will also be necessary to supply a new jack-strap.

Grommets are fitted round the cover to prevent rattles.

Part numbers are as follows:-

<u>Displaced</u>		<u>New</u>
	Clip 'Oddie'	UB. 3468
	Rivet, pop, clip.	KB. 13967
UB. 1119	Strap, jack assy	UB. 3365
	Cover, spare wheel assy	UB. 3614
	Cover, spare wheel	UB. 3463
	Angle, support, cover	UB. 3615
	Rivet, angle, cover	KB. 12745.
	Washer 'Oddie' clip	UB. 3465
	Stud, 'Oddie' clip	UB. 3464
	Screw, 'Oddie' clip	UA. 6702/Z
	Washer	UB. 3467
	Grommet, small, cover	UB. 3466
	Grommet, large, cover	UB. 3620
UB. 1008	Strip, rubbing, cover	UB. 3588
	Screw, rubbing strip	CS. 30561/Z
	Washer, rubbing strip	K. 4404/Z
	Nut, rubbing strip	CS. 30981/Z

SPARE WHEEL COMPARTMENT COVER

BENTLEY S2 SILVER CLOUD II

The following are chassis numbers of cars which incorporate the above modification.

'C' Series

Bentley S.2. (Standard Steel Cars)

Chassis

B.2.CU ro B.12.CU, 16, 20 to 100, 104 to 118,
122 to 176, 180 to 368, 372 to 412, 416 to 462,
466 to 482, 486 to 580, 584, 588, 592 Onwards.

'C' Series

Silver Cloud II (Standard Steel Cars)

Chassis

SXC.1 Onwards

'A' Series

Bentley S2 (Long Wheelbase)

Chassis

LBA.23 Onwards

'B' Series

Silver Cloud II (Long Wheelbase)

Chassis

LCB.42 to 67, 70 to 80, 82 to 91, 93 Onwards.

INSTRUMENT FACIA

BENTLEY S2 SILVER CLOUD II

The present spares schedules state that UW. 1792 Pad-Anti Rattle is used on the above cars, (Page No. 27 Item 2) in fact UW. 1792 Pad was never fitted. The part number of the Instrument Facia Anti Rattle Pad for these cars is UW. 2350.

Suitcases - Bentley S. 2. Silver Cloud II Phantom V.

New types of suitcases are now being supplied in a set of nine for Non Boot Unit refrigerated cars, and a set of six, for cars having Boot Unit Refrigeration, as compared with the present type, which are supplied in sets of six, and four suitcase respectively.

The new suitcases are supplied in matching sets of light or dark tan, and are not interchangeable with the original suitcases, unless supplied as a complete set.

Part numbers are as follows:-

<u>Displaced</u>	<u>New</u>	<u>Complete set</u>
UB. 2821 - Suitcase, light tan)		
UB. 2823 - Suitcase, light tan)	3 off - UW. 2355)	
UB. 2825 - Suitcase, light tan)	3 off - UW. 2356)	RH. 2112
UB. 2827 - Suitcase, light tan)	1 off - UW. 2357)	
UB. 2829 - Suitcase, light tan)	2 off - UW. 2358)	
UB. 2807 - Suitcase, light tan)		
UB. 2822 - Suitcase, dark tan)		
UB. 2824 - Suitcase, dark tan)	3 off - UW. 2359)	
UB. 2826 - Suitcase, dark tan)	3 off - UW. 2360)	RH. 2113
UB. 2828 - Suitcase, dark tan)	1 off - UW. 2361)	
UB. 2830 - Suitcase, dark tan)	2 off - UW. 2362)	
UB. 2808 - Suitcase, dark tan)		

The following are the part numbers of the suitcases required on-Boot Unit refrigerated cars:-

<u>Displaced</u>	<u>New</u>	<u>Complete Set</u>
UB. 2821 - Suitcase, light tan)	2 off - UW. 2355)	
UB. 2825 - Suitcase, light tan)	2 off - UW. 2356)	RH. 2114
UB. 2827 - Suitcase, light tan)	2 off - UW. 2358)	
UB. 2829 - Suitcase, light tan)		
UB. 2822 - Suitcase, dark tan)	2 off - UW. 2359)	
UB. 2826 - Suitcase, dark tan)	2 off - UW. 2360)	RH. 2115
UB. 2828 - Suitcase, dark tan)	2 off - UW. 2362)	
UB. 2830 - Suitcase, dark tan)		

REAR DOORS

BENTLEY S2 SILVER CLOUD II LONG WHEELBASE

In order that the standard glass stop bracket can be used on the rear doors of the long wheelbase cars, an adaptor has been designed.

The adaptor plate is attached to the bracket and the adaptor itself is fitted to the bottom stiffener.

Part number as follows: -

Adaptor Plate - Glass Stop Bracket

New.

UB. 3479.

2.S.10
Issue 2Ash Trays - Front SeatBentley S.2, Silver Cloud II Standard Steel Carsand Long Wheelbase Non Division Cars

An improved type of ash tray is now being fitted in the above cars. There is an overall change in dimension, and this has necessitated new seat backs, and new fall table facias.

Parts are not interchangeable, and the numbers are as follows:-

<u>Displaced</u>		<u>New</u>
UW.1605	Assy - Seat Back - LH	UW.2256
UW.1606	Assy - Seat Back - RH	UW.2257
UW.1194	Assy - Facia - Fall Table	UW.2258
UB.2573	Assy - Ash Tray - Fall Table)	UB.3485
	Facia - LH)	
UB.2622	Assy - Ash Tray - Fall Table)	
	Facia - RH)	
UB.1606	Ash Tray - Fall Table Facia	UB.3433
UW.1814	Assy - Finisher - Ash Tray	UW.2267

(1) Re-issued to add Long Wheelbase Non Division Cars to title.

Ash Trays - Front SeatsBentley S2 Silver Cloud II Standard Steel Cars and Long Wheelbase
Non Divisional Cars

The following are chassis numbers of cars which incorporate the above modification.

'C' Series
Bentley S2 Standard Steel Cars

Chassis

B.2.CU to B.100.CU, 104 to 118, 122 to 130, 134 to 146, 150 to 176,
180, 184 to 270, 274 to 298, 306 to 322, 326 to 358, 362 to 384, 388
to 400, 404 to 552, 556 to 756.
Even numbers only.

'C' Series
Silver Cloud II Standard Steel Cars

Chassis

SXC.1 to SXC.171, 175 to 275, 279 to 301, 305 to 321, 325 to 349,
353, 355, 357, 361 to 463, 467 to 635, 639 to 671.
Odd numbers only.

'A' Series
Bentley S2 (Long Wheelbase)

Chassis

LBA.22, 23.

'B' Series
Silver Cloud II (Long Wheelbase)

Chassis

LCB.48, 50, 55, 58, 59, 64, 73, 74, 75, 77, 82, 89, 91.

PARCEL SHELF SPEAKER

BENTLEY S2 SILVER CLOUD II

In order to improve the quality of radio sound reproduction in the rear seats, an additional speaker is being fitted in the parcel shelf of Bentley S2 and Silver Cloud II, non division cars. A control is incorporated in the facia board speaker grille so that a balance can be achieved between the front and rear speakers, from one or the other faded out or both together.

To accommodate the rear speaker it is necessary to replace one or more of the Anti Drum Panels with a speaker board. A new parcel shelf trim panel must be fitted. On non Boot Unit cars the boot header panel is modified to provide clearance for the speaker frame.

The fitting of the balance control system has necessitated slight modifications to the picnic tray cross support, and to the facia board. It has been necessary to provide a new front compartment speaker, and a new radio finisher to accommodate the control knob for the balance control system.

Parts are not interchangeable, and numbers are as follows:-

<u>Displaced</u>			<u>New.</u>	
UW.1004	Anti Drum Panel Inner	(Non Division Long Wheelbase (cars Not destined for U.S.A. (and standard cars. Not (destined for U.S.A.	Speaker Board	UW.2313
UW.1004	Anti Drum Panel Inner	(Non Division Long Wheelbase (cars destined for U.S.A. and (Standard Cars destined for (U.S.A.	Anti Drum Panel - Outer	UW.2183
	Anti Drum Panel Inner	(Non Division and Divisional (Long Wheelbase Cars and (Non Division Long Wheelbase (Destined for U.S.A. and (Standard Cars destined for (U.S.A.		UW.1004

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<u>Displaced</u>			<u>New</u>	
UW.1003	Anti-Drum Panel Outer	(Coach Built Non Division) (Rolls-Royce Boot Unit) (Long Wheelbase cars)	Speaker Board	UW.2384
UW.1003	Anti-Drum Panel Outer	(Non Division, Texas) (Boot Unit Standard and) (Long Wheelbase Cars)	Speaker Board	UW.2315
	Anti-Drum Panel Outer	(Non Division & Divisional) (Long Wheelbase Cars &) (Non Division Long Wheel-)) (Base Cars & Standard) (Cars not for U.S.A.)		UW.1003
UW.1552	Panel Trim - Parcel Shelf	(Standard Cars not) (destined for U.S.A.)		UW.2314
UW.1552	Panel Trim - Parcel Shelf	(Divisional, Texas Boot) (Unit Standard Cars)		UW.2379
UW.1552	Panel Trim - Parcel Shelf	(Divisional, Texas Boot) (Unit Long Wheelbase) (Cars)		UW.2380
UW.1552	Panel Trim - Parcel Shelf	(Standard Cars destined) (for U.S.A. & Long) (Wheelbase non Division) (Cars destined for U.S.A.)		UW.2182
UW.1950	Panel Trim - Parcel Shelf	(Non Division, Rolls-) (Royce Boot Unit Long) (Wheelbase Cars)		UW.2316
UW.1552	Panel Trim - Parcel Shelf	(Division. Rolls-Royce) (Boot Unit Long Wheel-)) (Base Cars)		UW.1950

2.S.11

- 3 -

Displaced
New

UW.1552	Panel Trim - Parcel Shelf	(Non Division Long (Wheelbase Cars not (destined for U.S.A.		UW.2363
UW.1552	Panel Trim - Parcel Shelf	(Divisional Long Wheel- (Base Cars		UW.1979
UW.1552	Panel Trim - Parcel Shelf	(Non Division, Texas Boot) (Standard Cars.		UW.2189
UW.1552	Panel Trim- Parcel Shelf	(Non Division, Texas Boot) (Long Wheelbase Cars		UW.2205
UB.1433	Assy - Trim Header, Panel	(Standard Cars & Non (Division Long Wheelbase (Cars		UB.3539
	Assy - Trim Header, Panel	(Division Long Wheelbase (Cars		UB.1433
UD.5899	Grille - Speaker board	(Non Division, long (Wheelbase Cars destined (for U.S.A. & Standard (Cars destined for U.S.A.)	Grille - Wood - Top - Speaker	UW.1947
UD.5899	Grille - Speaker Board	(Non Division, Long (Wheelbase Cars destined (for U.S.A. & Standard (Cars destined for U.S.A.)	Plastic Gauze	UW.2175
UD.5899	Grille - Speaker Board	(Non Division, Texas Boot) (Long Wheelbase & (Standard Cars & Non (Division Rolls-Royce (Boot Unit Long Wheelbase) (Cars	Grille	UD.5900.

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Displaced

New

	Grille -	(Non Division, Long Wheel)	
	Speaker Board	(base Cars not destined)	UD. 5899
		(for U.S.A. & Standard)	
		(Cars not destined for)	
		(U.S.A.)	
UW. 1853	Assy - Radio	(Right Hand Cars)	UW. 2302
	Finisher		
UW. 1853	Assy - Radio	(Left Hand Cars)	UW. 2300
	Finisher		
UW. 1728	Assy - Radio	(Delco Remy Aerial, Non)	
	Finisher	(Division Left Hand Cars)	UW. 2341
		(& Non Division, Radio-)	
		(mobile Aerial Left Hand)	
		(Cars)	
UW. 1728	Assy - Radio	(Delco Remy & Radiomobile)	
	Finisher	(Aerial Non Division Right)	UW. 2337
		(Hand Cars)	
	Assy - Radio	(Delco Remy & Radiomobile)	UW. 1728
	Finisher	(Aerial Division Cars)	
	Radio Balance	(Non Division Cars)	UD. 5876
	Control		
	Control Knob	(Non Division Cars)	UD. 5878
	Terminal Block	(Non Division Cars)	UD. 5756
	Bracket - Mounting		
	Balance Control	(Non Division Cars)	UD. 5880
	Speaker - Rear		
	Compartment	(Non Division Cars)	UD. 4252

- 5 -

Displaced

New

Speaker - Front Compartment	(Non Division Cars)	UD. 4977
Speaker - Front Compartment	(Division Cars)	UD. 3670

Note: References to Boot Unit indicate that the refrigeration evaporator is fitted under the parcel shelf.

2.S.11.
Addendum

PARCEL SHELF SPEAKER
BENTLEY S.2, SILVER CLOUD II

The following are chassis numbers of cars which incorporate the above modification.

'C' Series
Bentley S2 (Standard Steel Cars)

Chassis
B.2.CU. to B.26.CU, 30 to 118, 122 to 552, 556 onwards
on non division cars.

'C' Series
Silver Cloud II (Standard Steel Cars)

Chassis
SXC.1 to SXC.671 onwards on non division cars.

'A' Series
Bentley S2 (Long Wheelbase)

Chassis
LBA.23, 25 onwards on non division cars.

'B' Series
Silver Cloud II (Long Wheelbase)

Chassis
LCB.47, 48, 52, 54, 58, 59, 63, 64, 73, 74, 75, 77
79, 82, 86, 89, 91 onwards on non division cars.

BOOT

BENTLEY S2 SILVER CLOUD II

In order to prevent damage to luggage being placed in the boot, rubber strips have been fitted along the leading edge of the depressions clearing the boot lid hinge.

Part number is as follows :-

New.

Protection Strip - Boot

UB.3595.

ISSUE 2.

CAPPING RAIL TRIM PADS

BENTLEY S2 L. W. B. SILVER CLOUD II L. W. B.

The capping rail trim pads (S2 Schedule, Page No.27, Item 5/6) apply only to 123" Wheelbase cars.

Part numbers of these fitted to 127" Wheelbase cars are as follows :-

L. H. Cars

L.H. - UB. 3593
R.H. UB. 3354

R. H. Cars

L.H. - UB. 3355
R.H. - UB. 3594

(1) Re-issued in accordance with latest information.

BENTLEY S.2 SILVER CLOUD II

BOOT LOCKS

It has occasionally been found necessary to fit a shim under the trunk lock striker plate

Piece numbers of the shims are as follows.-

UB 3577 thickness .036

UB.3578 thickness .064

BOOT LOCKS

BENTLEY S2, SILVER CLOUD II

All the above cars will be fitted with a weathershield on the boot lock.

Boot locks are interchangeable, part numbers are as follows:-

Displaced

New

UB.2556

Assy - Boot Lock and Weathershield

UB.3511.

Issue 2.

BENTLEY S 2 SILVER CLOUD II

PICNIC TRAY

When underwing refrigeration is fitted it is necessary to fit a special tray in the scuttle to accomodate the air ducting.

It has been the practice for some time to fit the special tray to all cars whether refrigerated or not in order to commonise parts

Due to the small number of cars which are fitted with this type of refrigeration it has been decided to discontinue the commonisation of the wooden parts and in future the special parts will be fitted to refrigerated cars only. The common runner assembly will still be fitted.

Parts are as follows:

Refrigeration.

UW.2136 Assembly Picnic Tray

Non Refrigeration

UW.2072 Assembly Picnic Tray.

(1) Re-issued in accordance with latest information.

2.S.17.
Issue 2.A.C.U. UNDERSHEETSBENTLEY S2 SILVER CLOUD II 123" WHEELBASE CARS

The material of the recirculating duct undersheet is to change from fibreglass to steel. This has necessitated a change in the undersheet support brackets, which have been repositioned on the frame. It is assumed that if a new frame is required a steel undersheet will be fitted and the part number has not therefore been changed.

Parts which are not interchangeable are as follows:-

<u>Displaced</u>		<u>New</u>
UE.7969	Undersheet Recirculating Duct	UE.8062
UE.7975	Bracket - Front - Undersheet	UR.4990
UE.7948	Bracket - Rear - Undersheet	UR.4991

(i) Re-issued to amend part number of displaced undersheet from UE.7979 to UE.7975

RS/KH/KB 15.5.61

A.C.U. UNDERSHEETS

BENTLEY S.2. SILVER CLOUD II 123" WHEELBASE CARS.

The following are chassis numbers of cars which incorporate the new undersheets.

'C' Series

Bentley S.2. (Standard Steel Cars)

Chassis

B.504 CU. Onwards

'D' Series

Silver Cloud II (Standard Steel Cars)

Chassis

SYD.50, 64 Onwards.

BOOT LOCK CAMBENTLEY S2 SILVER CLOUD II

In order to prevent the jamming of the Boot Lid a new boot lock cam has been introduced.

Although a production modification for S.2. cars, the cam can be used for replacements on S.1. cars.

The new cam will be incorporated in Assy - Lock - Trunk Lid, part number 273/190 right hand and 273/191 left hand.

Stocks of the original boot lock cams should be scrapped.

Addendum

2.S.18.

BOOT LOCK CAM

BENTLEY S2 SILVER CLOUD II

The following are chassis numbers of cars which incorporate the new boot lock cam.

'D' Series

Bentley S2 (Standard Steel Cars)

Chassis

B.59.DV Onwards

'D' Series

Silver Cloud II (Standard Steel Cars)

Chassis

SYD.386 Onwards

'B' Series

Bentley S.2. (Long Wheelbase)

Chassis

LBB.11 Onwards

'C' Series

Silver Cloud II (Long Wheelbase)

Chassis

LCC.11 Onwards.

2.S.19

SAFETY BELTS (FRONT SEATS)

BENTLEY S2 SILVER CLOUD II

Bulletin S2/S3 give details for fixing safety belts.

This information sheet is issued to advise all concerned that the belts are now available in four colours:- grey, red, green, fawn.

The belts can be supplied in kit form, RH.2139 for standard cars and RH.2150 for Long Wheel Base; the colour required should be clearly stated.

BONNET PANELS

SILVER CLOUD II

The existing spares schedules are somewhat misleading on the subject of bonnet panel assemblies. To avoid confusion two new piece numbers have been issued and the position is now as follows:-

For bonnet panel assemblies without hinge but with reinforcement plates and rivets use piece numbers RH.216 RH and RH.217 LH.

For bonnet panel assemblies complete with hinges use piece numbers RH.2070 RH. RH.2071 LH.

2.S.21.

REAR BUMPERSBENTLEY S.2. SILVER CLOUD II.

Rear bumper support springs have been modified so that they are now common to both Bentley and Silver Cloud on 123" and 127" Wheel-base Cars.

Part numbers are as follows:-

<u>Displaced</u>		<u>New</u>
(UR.1340 (UR.4010	Assembly Outer Spring R/H	UR.5432
(UR.1341 (UR.4009	Assembly Outer Spring L/H	UR.5433
(UR.1348 (UR.4011	Inner Spring R/H	UR.5430
(UR.1349 (UR.4012	Inner Spring L/H	UR.5429

Since 123" and 127" bumpers have been commonised the 127" Wheel-base numbers have been cancelled, the former 123" number being used for both.

Piece numbers are as follows:

<u>Displaced</u>		<u>Now Used on 123" & 127"</u>
UR.5427	Rear sub assembly (Bentley S.2. and Silver Cloud II)	UR.5407
UR.5409	Rear Bumper assembly (Bentley S.2. Continental S.2. James Young)	UR.5413
UR.5410	Rear Bumper assembly (Silver Cloud II)	UR.5414

2.S.21,

- 2 -

Since stocks of the old type of UR.5407, 5413 and 5414 may be held for some time it is necessary that all concerned should be able to distinguish between the two. This can be done as follows. The outer support spring is attached to the bumper by means of a plate with 3 elongated holes. On the early type the holes are .875" long and on the commonised type 1.093".

REAR BUMPERS

BENTLEY S2, SILVER CLOUD II

The following are the chassis numbers of cars that incorporate the new bumper support springs

'D' Series

Bentley S2 Standard Steel Cars

Chassis

B.231.DV onwards

'D' Series

Silver Cloud II Standard Steel Cars

Chassis

SZD.41, 43, 45, 49 onwards

'B' Series

Bentley S2 Long Wheelbase

Chassis

L.LBB.15 onwards

'C' Series

Silver Cloud II Long Wheelbase

Chassis

LCC.28 onwards

2.S.22.

BUMPERS

BENTLEY S2 SILVER CLOUD II PHANTOM V

The New bumper overrides issued on Spares Information Sheet 2.S.22 were introduced on S3/111 series cars and were in fact never fitted to S2/11 series cars. Information Sheet 2.S.22. is therefore cancelled.

Addendum 2 S.22.

BUMPERS

BENTLEY S.2 SILVER CLOUD II. CONTINENTALS

Rear Bumpers are a Coachbuilders supply on James Young Continentals.

They should be removed from the applicable chassis against UR.1957 and UR.5407, the first items on this information sheet.

2.S.23

BODY TRIM

BENTLEY S1 & S2 SILVER CLOUD S1 & S2 LWB

The spares schedule shows the rear draught welt seal retainer as being the same on both sides, UB.2433 (Schedule N.47 Item 1).

In fact the retainers are handed, UB.2433 RH and UB.3732 LH.

SLIDING DOOR FOR FRONT DOOR CUBBY BOXBENTLEY S2, SILVER CLOUD II, MULLINER COUPE

A sliding door has been fitted to the cubby box, on each of the front doors.

The door consists of a leather covered aluminium panel running between two P.S.V. slides, which are rivetted to the trim panel. A chromium plated handle, already used on the picnic tables, is fitted to the door to facilitate opening and closing.

Modifications have also been made to the rear trim pad which results in a more luxurious appearance. The trim pads are interchangeable, but only in sets.

Part numbers are as follows:-

ELECTRICALLY OPERATED WINDOWS ONLY

<u>Displaced</u>		New
UW.1749	Assembly, trim panel, door L.H. (R.H.Drive)	UW.2431
UW.1750	Assembly, trim panel, door R.H. (L.H.Drive)	UW.2432
UW.1755	Assembly, trim panel, door L.H. (L.H.Drive)	UW.2435
UW.1756	Assembly, trim panel, door R.H. (R.H.Drive)	UW.2436

Bentley S2, Silver Cloud II, Standard Cars (Manual Windows)

UW.1246	Assembly, trim panel, door R.H.	UW.2404
UW.1247	Assembly, trim panel, door L.H.	UW.2405
UB.2154	Assembly, front door pocket R.H.	UB.3546
UB.2153	Assembly, front door pocket, L.H.	UB.3547
	Sliding door, door, pocket	UB.3551
	Distance piece, sliding door handle	UB.3552
373/339	Glass stop support and brace L.H.	UB.3473
	Handle, door	UB.1611
373/338	Glass stop support and brace R.H.	UB.3474
	Slide door, door pocket	UB.3480
	Screw, trim pad	UA.8003/2

- 2 -

REAR DOOR TRIM PANELSParts required for Bentley S2, Silver Cloud II Long
Wheel Base Cars (Manual Windows)

UW.1825	Assembly, trim pad, door R.H.	UW.2412
UW.1826	Assembly, trim pad, door L.H.	UW.2413

Bentley S2, Silver Cloud II, Standard Cars (Manual Windows)

UW.1183	Assembly, trim pad, door, L.H.	UW.2427
UW.1182	Assembly, trim pad, door, R.H.	UW.2428

Bentley S2, Silver Cloud II, Electrically Operated
Windows, Long Wheel Base Cars

UW.2005	Assembly, trim pad, door L.H.	UW.2439
UW.2004	Assembly, trim pad, door, R.H.	UW.2440

Bentley S2, Silver Cloud II, Standard Cars,
Electrically Operated Windows.

UW.1760	Assembly, trim pad, door, R.H.	UW.2406
UW.1759	Assembly, trim pad, door, L.H.	UW.2407

2.S.24

Addendum

SLIDING DOOR FOR FRONT DOOR CUBBY BOX

BENTLEY S2 SILVER CLOUD II, MULLINER COUPE

The following are chassis numbers of cars which incorporate the above modification.

'D' Series

Bentley S2 (Standard Steel Cars)

Chassis

B.415.DV Onwards

'D' Series

Silver Cloud II (Standard Steel Cars)

Chassis

SZD.347 Onwards

'B' Series

Bentley S.2. (Long Wheelbase)

Chassis

LBB.19 Onwards

'C' Series

Silver Cloud II (Long Wheelbase)

Chassis

LCC.49 Onwards

INTERIOR MIRRORBENTLEY S2 SILVER CLOUD II.

Complaints are occasionally received of excessive vibration of the rear view mirror and in order to obviate them the mirror stem has been stiffened. In addition to this a modified support bracket is also being fitted; this has a four point fixing instead of two. The two rear fixings are as at present on to the instrument panel. The two new ones make use of two existing holes used to secure the demister ducting nozzles; the packing washer/s used under these hole/s has been increased in O.D. and are not interchangeable.

The remainder of the parts are completely interchangeable and numbers are as follows:-

<u>Displaced</u>		<u>New</u>
UB.1474	Mirror	UB.3639
UB.1588	Assembly, Bracket	UB.3640
UB.1749	Washer, Packing - Mirror	UA.2052/Z

INTERIOR MIRROR

BENTLEY S2 SILVER CLOUD II

The following are chassis numbers of cars which incorporate the above modification.

'D' Series

Bentley S2 (Standard Steel Cars)

Chassis

B.415, DV Onwards

'D' Series

Silver Cloud II (Standard Steel Cars)

Chassis

SZD.347 Onwards

'B' Series

Bentley S2 (Long Wheelbase)

Chassis

LBB.19 Onwards

'C' Series

Silver Cloud II (Long Wheelbase)

Chassis

LCC.49. Onwards

2.S.26

ELECTRICALLY OPERATED WINDOWS (FRONT DOORS)

BENTLEY S2 SILVER CLOUD II

Ingress of water, via. the quarter light pivot, sometimes causes damage to the window lift switches in the front doors. A plastic duct is now being fitted to prevent this.

Part numbers are as follows.

UB.3658 Duct, Water, Electrically Operated Windows R.H.

UB.3659 Duct, Water, Electrically Operated Windows L.H.

These were introduced on the following chassis numbers:

B.415.DV SZD.341)
L.LBB.19 LCC.51) and onwards.

2.S.27

DOOR SEALSBENTLEY S.2. SILVER CLOUD II

A modified type of door seal is now being fitted. The change is a material one only, and seals are completely interchangeable.

This is a production modification for S.2. cars, but the new seals can be used for replacements on all S.1. cars.

Part numbers are as follows:

<u>Displaced</u>		<u>New</u>
UB.2225	Seal - Rear Door - RH	UB.3711
UB.2226	Seal - Rear Door - LH	UB.3710
UB.2229	Seal - Front & Rear Doors	UB.3714
UB.2230	Seal - Front & Rear Doors	UB.3715
UB.2593	Seal - Rear Door - LH	UB.3717
UB.2594	Seal - Rear Door - RH	UB.3718
UB.2595	Seal - Packing - Front Doors	UB.3723
UB.2227	Seal - Front & Rear Doors	UB.3712
UB.2228	Seal - Front & Rear Doors	UB.3713
UB.1693	Seal Strip - Window Frame to Door	UB.3716
UB.2761	Seal - 'A' Post to Sill - LH)	UB.3721
UB.2762	Seal - 'A' Post to Sill - RH)Used on	UB.3722
UB.2763	Seal - 'C' Post to Sill - LH)Export	UB.3719
UB.2764	Seal - 'C' Post to Sill - RH)Cars only	UB.3720

2.S.27

Addendum

DOOR SEALS

BENTLEY S.2. SILVER CLOUD II.

The following are chassis numbers of cars which incorporate the new-door seals.

'D' Series

Bentley S.2. (Standard Steel Cars)

Chassis

B.497.DV. Onwards.

'D' Series

Silver Cloud II (Standard Steel Cars)

Chassis

SZD.545

'E' Series

Chassis

SAE. 11 Onwards

'B' Series

Bentley S.2. (Long Wheelbase)

Chassis

LBB.24 Onwards

'C' Series

Silver Cloud II (Long Wheelbase)

Chassis

LCC.74 Onwards

2.S.28

BENTLEY S.2. SILVER CLOUD S.IIFALL TABLE FRONT SEATS

To overcome production difficulties it has been decided to use a reduced diameter ball catch. New striker plates are, of course, required also.

Part numbers are as follows:-

<u>Displaced</u>		<u>New</u>
UW.1206	Assy. Fall Table R.H.	UW.2390
UW.1867	Assy. Fall Table L.H.	UW.2391
RB.4864	Assy. Ball Catch	RB.2955
RE.10428	Plate Striker	UB.3622
UB.3071	Plate Striker (Used on cars fitted with division only)	UB.3627

FALL TABLE - FRONT SEATS

BENTLEY S.2. SILVER CLOUD II.

The following are chassis numbers of cars which incorporate the new fall tables.

"D" Series

Bentley S.2. (Standard Steel Cars)

Chassis

B.467.DV, onwards

"D" Series

Silver Cloud II (Standard Steel Cars)

Chassis

SZD.515 onwards

"B" Series

Bentley S2 (Long Wheelbase)

Chassis

LBB.24 onwards

"C" Series

Silver Cloud II (Long Wheelbase)

Chassis

LCC.67 onwards

Footrests - Front Seats

Bentley S2 Silver Cloud II Phantom V

For information as regards the fitting of footrests see Information Sheet 2.C.11.

BODY TRIM

BENTLEY S2 SILVER CLOUD II

To provide a better lie of carpet around the dipswitch a thinner and smaller felt washer has been introduced.

S.2. Spares Schedule Page No. N.41 Item 15.

Parts are interchangeable and are as follows :

Displaced

RW.2689 Washer - Dipswitch

New

UW.2581

2.S.31.

BOOT LID SEAL

BENTLEY S.2. SILVER CLOUD II

In order to improve the sealing of the boot lid, thicker seals are now being fitted on the sides of the boot lid.

These thicker seals replace two of the three seals shown in the S.2. Parts List Schedule, Page N.10. Item 4.

The seal can be used for replacements on all S Series cars.

Seal part numbers are as follows:

Displaced

UB.1289 Seal - Boot Lid

New

UB.3781

2.S.31

Addend

BOOT LID SEAL

BENTLEY S.2. SILVER CLOUD II

Manufacturing difficulties have necessitated the cancellation of Information Sheet 2.S.31.

UB.1289 will continue to be used.

Front Seat - Individual - Customers RequestBentley S.2. Silver Cloud II Standard Steel Cars.

A foul occasionally occurs between the heads of the bolts, which secure the upper seat runners to the frame, and the stops.

In order to eliminate this the heads of the bolts (Spares Schedule N.32. Items 44/45/46) have been reduced in thickness.

Bolts are interchangeable and numbers are as follows :

<u>Displaced</u>		<u>New</u>
UA.109/Z	Bolt - Seat Runner - Outer)	UB.5061
	)	
UA.110/Z	Bolt - Seat Runner - Outer)	
UA.101/Z	Bolt - Seat Runner - Inner	UB.5075

2.S.33.

Seat Slide

Bentley S2 and Silver Cloud II (Long Wheel Base Cars)

The seat slide assembly (S2 Schedule Page H.33 Reference Number 14) applies only to Left Hand Cars.

The part numbers of those fitted to Right Hand Cars is UB.3651.

2. S. 34.

BOOT LID HANDLE

BENTLEY S2 SILVER CLOUD II

A neater seal is now being fitted between the boot handle and lid.

Part numbers are as follows:-

Displaced

New

UD.2782

Seal - Boot Lid Handle

UB.3984

2.S.35

BODY TRIM AND FITTINGS

BENTLEY S2, SILVER CLOUD II

S2/11 Parts List Page Number N.40.

Items 33 and 34 have now been commonised.

UB.1890 is for use on all cars.

Part numbers are as follows :-

Displaced

New

UB.1265 Tape Rest - Bonnet

UB.1890

Existing stocks can be used up.

2.S.36.

WINGS & FRONT APRONSILVER CLOUD I/II

When supplies of the front apron assembly UB.1049 (S.2.Schedule Page N.11 Item 51) are exhausted S. III parts will be issued in lieu.

Piece numbers are as follows:-

DisplacedNew

UB.1049

Front Apron Assy

RH.2336

2.S.37.

FRONT DOORS

BENTLEY S2 SILVER CLOUD II

S2/II Spares schedule page N4 Items 15, 16.

The part numbers quoted for these items are incorrect.

The correct part numbers are as follows:-

273/176 Assy Hinge Lower.

273/175 Assy Hinge Upper.

FRONT PUMP OIL SEALALL AUTO GEAR BOXES

An improved front pump oil seal is now being fitted and it will be supplied for all replacements.

It is imperative that instructions contained in Bulletin AG 17 are strictly complied with. Failure to do so may result in serious damage to the gearbox.

Part numbers are :-

Displaced

New

UG. 3670 Oil Seal

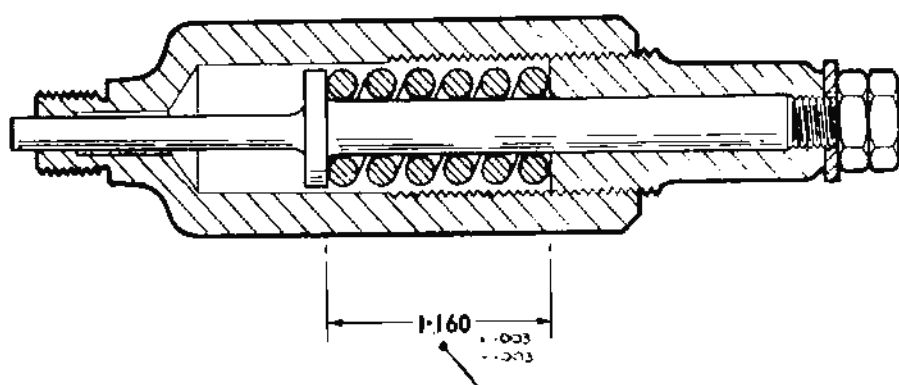
UG. 4107

AUTOMATIC GEARBOX

Instances have occurred of the locknuts, which regulate the spring loading on the front brake band tool UR.3144, slackening off, resulting in inaccurate adjustment.

The plunger assembly should be removed from the housing and a check made of the length of the spring under compression. This should be $1.160 \pm .003$, as shown on illustration, and if found to be incorrect the locknut should be adjusted accordingly. The nut should then be locked and peened over to prevent any further slackening.

Small quantities of these tools have been issued with the end already peened over and should also be checked and adjusted if necessary.



THIS DIMENSION TO BE OBTAINED
BY ADJUSTING LOCKNUTS.
(SPRING SHOULD THEN BE UNDER
A PERMANENT LOAD OF 145/155 lbs.)

C 22

GEAR CHANGE MECHANISM

On right hand cars there is a tendency for the gear control mechanism to foul the left-hand car anchor pivot boss on the gearbox side cover, when reverse gear is engaged, and to obviate this the depth of the boss has been reduced.

In order to make up this reduction in depth, when the cover is used on left hand cars, a distance piece has been provided.

Part numbers are :-

<u>Displaced</u>		<u>New</u>
UG. 3302	Cover - Side - Transmission Case	UG. 4008
	Distance Piece - Anchor Pivot	UG. 4009 (L.H. cars)

If UG. 4008 is used to replace UG. 3302 on left hand cars, UG. 4009 distance piece must also be supplied.

GEARBOX T.V. CONTROL

BENTLEY S2, SILVER CLOUD II, PHANTOM V R.H. CARS.

Adjustment of the operating lever, on the gearbox, at present consists of screwing the rod in or out of the jaw. In order to improve accessibility, the operating lever has been split into a pivot lever and an adjustable lever interconnected by an adjusting screw. A hole in the body floor gives access to the screw and a rubber grommet is provided to cover the hole.

The complete new lever assembly can be used for all replacements of the earlier type since the rod is unchanged. If desired the full modification can be incorporated by cutting the hole in the floor and fitting the grommet.

Part numbers are :-

Displaced

New

UE. 8024	Lever, throttle control	
	Lever, throttle control assy	RH. 2075)
	consisting of	)
	Lever adjustable	UG. 3945)
	Lever pivot	UG. 3948)
	Screw	UG. 3949)
	Circlip	UG. 3947)
	Grommet	UB. 1051

2.T.2.
Addendum

GEARBOX T.V. CONTROL

BENTLEY S.2. SILVER CLOUD II PHANTOM V

RH CARS

The following are chassis numbers of cars which incorporate the above modification.

"C" Series
Bentley S2 (Standard Steel Cars)

Chassis

B.186.CU, 188, 192, 196, 200, 204, 208, 212, 216, 218, 220, 224, to 232, 236, 240, 244, 246, 248, 252, 254, 260, 264, 268, 272, to 284, 288, 292, 296 to 302, 306, 310, 312, 314, 318, 320, 326 to 346, 352, 358, 362 to 388, 392 to 426, 430 to 464, 468 to 490, 496, 500 to 532, 536 to 572, 576 onwards on RH cars.

"C" Series
Silver Cloud II (Standard Steel Cars)

Chassis

SXC.167, 239, 243, 247, 251, 253, 257 to 265, 269, 273, 277, 279, 283, 287, 291, 295, 299, 303, 307, 311, 315, 319, 325, 329, 333, 337, 341, 345, 347, 351, 355, 361 to 369, 373, 377 to 391, 395 to 409, 413, 415, 419, 421, 425, 427, 431, 433, 439 to 451, 455 to 465, 469, 473, 475, 477, 479, 483 to 497, 501 to 509, 513 to 521, 525 to 533, 537 to 589, 601, 603, 607 to 623, 633 to 653, 657, 661 to 671 onwards on RH cars.

"A" Series
Bentley S2 (Long Wheelbase)

Chassis

LBA.25, 26 onwards on RH cars.

- 2

'B' Series
Silver Cloud II (Long Wheelbase)

Chassis

LCB.61, 63, 64, 68 to 72, 75, 76, 79, 81, 83, 84, 86
88, 91, 92, 94 onwards on RH cars.

'B' Series
Bentley S2 Continental

Chassis

BC.69.BY, 71, 72, 75, 77, 78, 80, 81, 83 to 86, 88, 89
91 to 95, 97, 99 onwards on RH cars

'B' Series
Phantom V

Chassis

5.BV.51, 53, 55, 61, 67, 71, 73, 79, 81, 87, 89, 93,
97, 99 onwards on RH cars.

AUTOMATIC GEARBOX

Supplies of UG. 755 Front Body, Control Valve, Gear Box Schedule Vol. II, Page A/1, Plate Ref. A/6, 7, are no longer available and, when supplies are exhausted, it will be necessary to use the later valve body UG. 1447 together with UG. 1354 Plug as replacement for UG. 637.

It is emphasised that body and plug are interchangeable only in pairs, UG. 1447 and UG. 1354 for UG. 755 and UG. 637.

GEARBOX T.V. CONTROL.

BENTLEY S2 SILVER CLOUD II PHANTOM V.

After Information Sheet 2.T.2 was introduced it was found that the pivot lever had a tendency to toggle over when the throttle was snapped shut; in order to obviate this a spring is now fitted which retains the pivot lever to the adjustable lever.

Part number of the spring is UG.4128.

GEARBOX T.V. CONTROL

BENTLEY S2, SILVER CLOUD II, PHANTOM V

The following are chassis numbers of cars which are fitted with UG.4128 spring.

'C' Series

Bentley S2 (Standard Steel Cars)

Chassis

B.272.CU, 274, 278 to 284, 288, 292, 296 to 302, 306, 310, 312, 314, 318, 320, 322, 326 to 346, 352, 358, 362 to 388, 392 to 426, 430 to 464, 468 to 490, 496, 500 to 532, 536 to 572, 576 to 756 onwards.

'C' Series

Silver Cloud II (Standard Steel Cars)

Chassis

SXC.167, 239, 365, 377 to 383, 387, 389, 391, 395 to 409, 413, 415, 419, 421, 425, 427, 431, 433, 439 to 451, 455 to 465, 469, 473, 475, 477, 479, 483 to 497, 501 to 509, 513 to 521, 525 to 533, 537 to 589, 601, 603, 607 to 623, 633 to 653, 657, 661 to 671 onwards.

'A' Series

Bentley S2 (Long Wheelbase)

Chassis

LBA.25, 26 onwards

'B' Series

Silver Cloud II (Long Wheelbase)

Chassis

LCB.63, 64, 68 to 72, 75, 76, 79, 81, 83, 84, 86, 88, 91, 92, 94 onwards.

2. T. 4
Addendum

- 2 -

'B' Series
Bentley S2 Continental

Chassis

BC.77.BY, 78, 80, 81, 83, 84, 85, 86, 88, 89, 91
92, 93, 94, 95, 97, 99 onwards.

'B' Series
Phantom V

Chassis

5.BV.67, 71, 73, 79, 81, 87, 89, 93, 97, 99 onwards

AUTOMATIC GEARBOX - REVERSE GEAR

BENTLEY S2 : SILVER CLOUD II

On a few gearboxes fitted to these cars the depth of the key slot in the outer cone, UG.1413 (Schedule J9 ref. No.3) is shallower than standard.

In order to accommodate the reduction in depth a special key (J9 ref. No.4) was fitted RH.7948.

Serial numbers of the gearboxes are not known.

Should it ever be necessary to fit a new key in one of these gearboxes the depth of the original key should be measured. A new one of the same depth should be fitted.

Dimensions are as follows:

UG.224	.235" -2
RH.7948	.219" -2

Should it ever be necessary to fit a new stationary cone, then a new key UG.224 should also be fitted.