



**Spares Information Sheets  
Prior to 1972**

**Rolls-Royce Silver Shadow  
and  
Bentley T Series**

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## **Spares Information**

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GENERAL

BENTLEY 'T' : SILVER SHADOW

Spares Information Sheets are issued in order that personnel, whose function it is to handle spares, should be made aware of changes as soon as possible; they are intended as a stopgap until such time as the new piece numbers can be included in the spare parts schedule.

If the Spares Information Sheet is to be intelligible there may be occasions when it will be necessary to include some engineering detail. This in no way infers that a modification is to be incorporated retrospectively. The only authority for this is a Service Bulletin. One will be issued as soon as it is considered necessary.

Whilst it is recognised that Spares Information Sheets may be of interest to workshop personnel, this is considered to be incidental. Their proper location is the Spares Department Office.

Section A

Information Sheet No4.A.1 (ISSUE 3)

Page No. 1

Date: 2.2.71.

DECARBONISING SETBENTLEY 'T' : SILVER SHADOW

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

| <u>Part No.</u> | <u>Description</u>                                      | <u>Qty</u> |
|-----------------|---------------------------------------------------------|------------|
| KB.1093/R       | Washer - Joint - Drain Plug (Sump)                      | 1 off      |
| UE.33943        | Sealing Thread - Tappet Door - 47 in. (119,38 cm.) long | 1 off      |
| UE.31004        | Gasket - Cylinder Head                                  | 2 off      |
| UE.31305        | Joint - Induction Manifold                              | 4 off      |
| UE.4324         | Joint - Rocker Cover                                    | 2 off      |
| UE.31385        | Joint - Exhaust Manifold to Cylinder Head               | 8 off      |
| UE.6967         | Rubber Bush - Rocker Cover                              | 6 off      |
| UE.6175         | Joint - 'Tee Piece' to Manifold                         | 1 off      |
| UE.31232        | Joint - Thermostat Outlet                               | 1 off      |
| UE.4393         | Joint - Support Bracket - Power Steering Pump           | 1 off      |
| RE.7289         | Washer - Aluminium - Carburettor Vent Pipe              | 2 off      |
| RE.7297         | Washer - Fibre - Carburettor Vent Pipe                  | 2 off      |
| UE.6987         | Assy. - Collet - Inlet and Exhaust Valves               | 32 off     |
| RH.7906         | Grommet - Inlet and Exhaust Valves                      | 16 off     |
| CK.610          | 'O' Ring - Housing - Flame Trap                         | 1 off      |
| UE.35892        | 'O' Ring - Housing - Flame Trap                         | 1 off      |
| UE.9453         | 'O' Ring - Elbow to Plug - Flame Trap Housing           | 1 off      |
| UE.31607        | Joint - Coolant By-pass Elbow                           | 1 off      |
| UE.34258        | Earthing Strip - Rocker Cover                           | 8 off      |
| XB.1079/R       | Joint Washer - Cap Nut - Rocker Cover                   | 6 off      |

Piece Number of set is RH.2379.

- (1) Re-issued to add parts to the set.
- (2) Re-issued to amend piece numbers and add further parts to the set.

ENGINE - PEREGRINE HEATERBENTLEY 'T' : SILVER SHADOW

A 'Peregrine' coolant heater is now being fitted to Canadian cars; it can be fitted to other cars as customers request.

The heater is fitted into an adaptor, which replaces the front face core plug in the crankcase 'A' bank coolant gallery. A junction box, which is an integral part of the heater unit, is secured to a tapped core plug adjacent to the cylinder drain tap.

Piece numbers of the required parts are as follows:-

|           |                   |       |
|-----------|-------------------|-------|
| UE.34336  | Adaptor           | 1 off |
| UD.14427  | Heater (110 volt) | 1 off |
| UD.14428  | Heater (250 volt) | 1 off |
| UA.112/Z  | Bolt              | 1 off |
| UA.1251/Z | Washer            | 1 off |
| UD.8746   | Binder            | 1 off |
|           | (LH cars)         |       |
| UD.8749   | Clip              | 1 off |
|           | (LH cars)         |       |
| UD.5288   | Clip              | 1 off |
|           | (RH cars)         |       |

If a heater is to be fitted to an existing car all the above parts will be required. The core plug to which the junction box is secured may or may not be tapped. If it is not, then the core plug required is piece number UE.6982. It will also be necessary to turn the crankcase water tap through 90° by the use of distance washers, to avoid a foul with the heater cable. Due to variations in domestic electricity supplies, the customer will be required to provide a socket to enable the heater to be connected to the mains supply.

ENGINEBENTLEY 'T': SILVER SHADOW

In the interest of commonisation, parts which have so far been fitted only on cars exported to U.S.A., are now being fitted on all cars.

The parts concerned are the coolant pump by-pass elbow and its transfer bobbin.

Piece numbers are as follows:-

DISPLACEDNEW

|          |                                   |          |
|----------|-----------------------------------|----------|
| UE.32600 | Elbow - By-pass                   | UE.34146 |
| UE.9316  | Bobbin - Manifold to coolant pump | UE.34147 |

The new parts could be used as replacements in sets; for the time being however, both types of elbow and bobbin will continue to be supplied.

ENGINEBENTLEY 'T' : SILVER SHADOW

The Vandervell bearings, both standard and undersize, referred to on spares schedule sheet A 1/3, have been found unsuitable for use in the engines fitted to the above cars.

However, they are still satisfactory for use in the engines fitted to Bentley S2/3, Silver Cloud II/III and Phantom V/5 cars.

Place numbers of the affected parts are as follows:-

|         |                                                               |
|---------|---------------------------------------------------------------|
| UE.821  | Bearing Bush - Rear                                           |
| UE.822  | Bearing Bush - Front, Intermediate and Centre                 |
| UE.6499 | Bearing Bush - Rear - 0.010 in. undersize                     |
| UE.6491 | Bearing Bush - Front, Intermediate and Centre - 0.010 in. u/s |
| UE.6500 | Bearing Bush - Rear - 0.020 in. undersize                     |
| UE.6492 | Bearing Bush - Front, Intermediate and Centre - 0.020 in. u/s |
| UE.6501 | Bearing Bush - Rear - 0.030 in. undersize                     |
| UE.6493 | Bearing Bush - Front, Intermediate and Centre - 0.030 in. u/s |
| UE.6502 | Bearing Bush - Rear - 0.040 in. undersize                     |
| UE.6494 | Bearing Bush - Front, Intermediate and Centre - 0.040 in. u/s |



4.A.17.

ENGINE

BENTLEY 'T' : SILVER SHADOW

A shakeproof washer is now being fitted under the head of the setscrews which secure the oil gauge unit to the sump. This is in addition to the existing washer.

Piece number is as follows:-

UD.5033

Washer - Shakeproof.

Section A

Information Sheet No. 4.A.18 (ISSUE 2)

Page No. 1

Date: 2.2.71.

ENGINEBENTLEY 'T' : SILVER SHADOW : PHANTOM VI

A modified camshaft and thrust plate are now being fitted.

When existing stocks have been used up, the new parts will be supplied for all replacements, however, reference must be made to Service Bulletin SY/E9 before fitting.

Piece numbers are as follows:-

DISPLACEDNEW

UE.31771

Camshaft

UE.36533

UE.9070

Thrust Plate

UE.36342

The new parts will also be supplied for replacements on S.2/3 series motor cars.

Re-issued to amend typescript.

Spares Information Sheet issued for  
BENTLEY T SERIES : SILVER SHADOW

Section A  
Information Sheet No. 4.A.27  
Page No. 1  
Date 9.3.71.

INDUCTION MANIFOLD

In order to simplify machining, the 'O' ring groove in the induction manifold has been transferred to the blanking cover (Spares Schedule A.7 Item 42), or thermal vacuum switch adaptor when fitted on cars with Exhaust Emission Control.

When stocks are used up, the new manifold will be used for all replacements and it will also be necessary to fit the new blanking cover or adaptor and a modified 'O' ring.

Both types of blanking cover, adaptor and 'O' ring will continue to be supplied.

Piece numbers are as follows:-

DISPLACED

|          |                                 |
|----------|---------------------------------|
| UE 35289 | Induction Manifold Assembly     |
| UE 34759 | Induction Manifold              |
| UE 31820 | Blanking Cover                  |
| UE 36437 | Adaptor - Thermal Vacuum Switch |
| UE 31630 | 'O' Ring                        |

NEW

|          |
|----------|
| UE 37455 |
| UE 37452 |
| UE 37454 |
| UE 37453 |
| UE 33064 |

Spares Information Sheet issued for  
BENTLEY T : SILVER SHADOW

Section A  
Information Sheet No. 4.A.30  
Page No. 1  
Date 7.6.71

ENGINE

Since Spares Information Sheet 4.A.18 was issued, a further modification has been made to the camshaft.

The new part will be supplied for all replacements, however, reference must be made to Service Bulletin SY/E9 before fitting.

Piece numbers are as follows:-

DISPLACED

NEW

UE.36535

Camshaft

UE.36782

The new part will also be supplied for replacements on S.2/3 series motor cars when stocks of UE.36535 have been used up. As stated above, reference must be made to Service Bulletin SY/E9 before fitting.

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Cwt/KH/NM

Spares Information Sheet issued for  
BENTLEY T SERIES & SILVER SHADOW

Section A  
Information Sheet No. 4.A.31  
Page No. 1  
Date 31.8.71

COOLANT PUMP BELTS

Improved belts to drive coolant pump 1-2:1 via crankshaft and jockey pulley are now being fitted (A3-29) this information cancels (S.I.S. 4.A.29).

The new piece will be supplied for all replacements with 1-2:1 drive.

Piece Numbers are as follows:-

DISPLACED

NEW

UE 36358  
or  
UE 36361

Assy. - Twin belts - Crankshaft - to  
Jockey pulley and coolant pump.

UE 37810

Spares Information Sheet issued for  
BENTLEY T : SILVER SHADOW

Section A  
Information Sheet No. 4.A.32  
Page No. 1 of 1  
Date 9.11.71

### CYLINDER HEAD

A temperature sensitive switch which is intended to give early warning of coolant loss, is now being fitted.

Cylinder heads have been modified by the addition, in the case of engines fitted with Exhaust Emission Control, of a tapped boss and, in the case of engines not fitted with Exhaust Emission Control, the tapping of an existing unused boss.

The new heads can be used for all replacements.

Piece numbers are as follows:-

#### DISPLACED

|          |                                                |
|----------|------------------------------------------------|
| UE 35686 | Cylinder Head Assembly 'A' Bank                |
| UE 35687 | Cylinder Head Assembly 'B' Bank                |
| UE 35949 | Cylinder Head Assembly 'A' Bank - (Detox cars) |
| UE 35950 | Cylinder Head Assembly 'B' Bank - (Detox cars) |
| UE 35951 | Cylinder Head Assembly - (Detox cars)          |
| -        | Metal temperature sensing switch               |
| -        | Buzzer - temperature - warning                 |

#### NEW

|          |
|----------|
| UE 37347 |
| UE 37348 |
| UE 37350 |
| UE 37351 |
| UE 37352 |
| UE 37357 |
| UD 17772 |

Cwt/KH

**Spares Information Sheet issued for**

BENTLEY T : SILVER SHADOW

**Section A****Information Sheet No. 4.A.33****Page No. 1 of 1****Date 16th November, 1971**ASSY. - INDUCTION MANIFOLD

The petrol drain is being discontinued.

The new manifold can be used for all replacements.

Piece Numbers are as follows:-

DISPLACEDNEW

|           |                            |          |
|-----------|----------------------------|----------|
| UE 37455) | Assy. - Induction manifold | UE 37632 |
| UE 34771) |                            |          |
| UE 37452) | Induction manifold         | UE 37633 |
| UE 34759) |                            |          |

The following parts have been deleted.

|          |                             |       |
|----------|-----------------------------|-------|
| RE 14445 | Banjo - Bolt petrol drain   | 1 off |
| RE 3523  | Washer - Banjo bolt         | 2 off |
| UE 35610 | Insulock - Cable tie        | 2 off |
| UE 6858  | S/A - Petrol drain          | 1 off |
| UE 35235 | Drain pipe assy. - Manifold | 1 off |

The following part has been added.

|          |                                      |       |
|----------|--------------------------------------|-------|
| UR 16835 | Clip rubber - Carburetter drain pipe | 1 off |
|----------|--------------------------------------|-------|

This alteration was introduced on the following car serial numbers:-

|                     |                                                                                                       |
|---------------------|-------------------------------------------------------------------------------------------------------|
| Four-Door Saloons   | 11508, 11510, 11513, 11519, 11522, 11523,<br>11528, 11553, 11559, 11560, 11611, 11657<br>and onwards. |
| Coachbuilt Cars     | 11594, 11597, 11653 and onwards.                                                                      |
| Long Wheelbase Cars | 11548, 11552, 11598, 11605, 11644 and onwards.                                                        |

**Spares Information Sheet issued for**  
BENTLEY T : SILVER SHADOW

**Section A**  
**Information Sheet No. 4.A.34**  
**Page No. 1 of 1**  
**Date 10.12.71**

DRIVING BELTS (SPARE PARTS LIST A3/2)

Improved belts are now being fitted to drive coolant Pump (1.2:1) Steering Pump, Fridge Compressor and Alternator, this information cancels (S.I.S. 4.A.29).

The new belts will be supplied for all replacements with 1.2:1 drive assemblies.

Piece numbers are as follows:-

| <u>DISPLACED</u>           |                                                                            | <u>NEW</u> |
|----------------------------|----------------------------------------------------------------------------|------------|
| UE.36358<br>or<br>UE.36361 | Assy. - Twin 'V' Belts - Crankshaft -<br>Jockey Pulley - Coolant Pump      | UE.37810   |
| UE.36817                   | Assy. - Twin 'V' Belts - Crankshaft -<br>Steering Pump - Fridge Compressor | UE.37811   |
| UE.37079                   | 'V' Belt - Coolant Pump - Alternator                                       | UE.37812   |

Cwt/KH/GL



Spares Information Sheet issued for  
Bentley T Series : Silver Shadow

Section A  
Information Sheet No. 4.A.35  
Page No. 1 of 1  
Date 21 12 71

RING COMPRESSION 1st

A change in material has been made on above piston ring.

This part should be fitted for all replacements.

Part numbers are as follows :-

DISPLACED

NEW

|          |                                   |       |          |
|----------|-----------------------------------|-------|----------|
| UE 35829 | Piston Ring 1st                   | 8 off | UE 37714 |
| UE 36190 | Assy. Piston 4.100<br>Bore 9:1 CR | 8 off | UE 37726 |

Cwt/KH/GL

CONTROLS

BENTLEY 'T': SILVER SHADOW

The kick down stop body and lock nut (Spares Schedule Sheets B7, 8, 9 Items 6 and 7) fitted to some early cars differed from the ones now being fitted in respect of thread size. The originals were 16 threads per inch, they are now 14 threads per inch.

In the event of new ones being required for an early car, the threads should be checked so that the correct ones are ordered.

Piece numbers are as follows:-

UR.13452 - Body - Kick Down Stop - 16 threads per inch  
RE.19390 - Locknut - Kick Down Stop - 16 threads per inch  
UR.14843 - Body - Kick Down Stop - 14 threads per inch  
UR.14844 - Locknut - Kick Down Stop - 14 threads per inch

Unless UR.14843/4 are specifically requested UR.13452 and RE.19390 will normally be supplied.

4.B.4.

CONTROLSBENTLEY 'T': SILVER SHADOW LH CARS

A boss has been provided on the arm of the accelerator pedal to enable a rubber headed screw, which acts as an off stop, to be fitted.

The pedal pull off spring has been changed and also the throttle return spring links on the carburetter.

Piece numbers are as follows:-

| <u>Displaced</u> |                                         | <u>New</u> |
|------------------|-----------------------------------------|------------|
| UR.14013         | Assy. Lever and Arm - Accelerator Pedal | UR.14801   |
| -                | Assy. Bolt - Stop - Lever and Arm       | UR.14803   |
| UR.14392         | Spring - Pedal                          | UE.31743   |
| UE.31742         | Link - Throttle Return Spring           | UE.7356    |
| -                | Locknut - Stop - Lever and Arm          | UA.352/Z   |
| -                | Hook - Spring                           | RG.6025    |

CONTROLS

BENTLEY 'T'; SILVER SHADOW

Purely as a temporary measure until suitable bolts are obtainable, a rubber pad, secured to the toeboard, is replacing the rubber pad on the "OFF STOP" bolt head.

Piece number of the pad is UR.5220.

4.B.6.

CONTROLSBENTLEY 'T': SILVER SHADOW - RH CARS

Further to Information Sheet 4.B.4. a boss has been provided on the arm of the accelerator pedal, on RH cars, to enable a rubber headed screw, which acts as an off stop, to be fitted. The new lever can be used for all replacements.

Piece numbers are as follows:-

DisplacedNew

|          |                           |          |
|----------|---------------------------|----------|
| UR.11745 | Lever - Accelerator Pedal | UR.14828 |
|          | Bolt                      | UR.14803 |
|          | Locknut                   | UA.352/Z |

CONTROLS

BENTLEY 'T': SILVER SHADOW

Purely as a temporary measure until suitable bolts are obtainable, a rubber pad, secured to the toeboard, is replacing the rubber pad on the "OFF STOP" bolt head.

Piece number of the pad is UR.5220.

4.B.8.

CONTROLSBENTLEY 'T : SILVER SHADOW(L.H. CARS)

In order to protect the Accelerator Pedal Cross-shaft from damage and the bearings from attack by salt corrosion, some minor modifications have been effected. At the same time the opportunity has been taken to improve the geometry of the controls.

The cross-shaft is now cranked at each end and shortened support brackets accommodate the raised ends. Neoprene dust covers have been introduced to protect the bearings. The geometry of the controls has been improved by re-arranging the levers on the cross-shaft.

Parts are not interchangeable.

Piece numbers are as follows:-

| <u>Displaced</u> |                                                              | <u>New</u> |
|------------------|--------------------------------------------------------------|------------|
| UR.15422         | Assy. Lever - Accelerator Pedal                              | UR.15427   |
| UR.14 97         | Assy Cross-shaft - Accelerator Pedal                         | UR.15121   |
| UR.14366         | Assy Support Bracket R.H. - Cross-shaft                      | UR.15125   |
| UR.14367         | Assy. Support Bracket L.H. - Cross-shaft                     | UR. 5126   |
|                  | Dust Cover - Bearing - Cross-shaft                           | UR.15131   |
| UR. 4196         | Rod - Connecting - Accelerator Pedal to<br>Cross-shaft Lever | UR.15129   |
| UE.32276         | Control Rod - Accelerator Shaft to<br>Compensator Mechanism  | UE.34521   |

4.B.10.

CONTROLSBENTLEY 'T' : SILVER SHADOW

The carburetter throttle control spring, spring links (Spares Schedule Sheets B.7, Items 143 and 144 and Sheet B.8, Items 123 and 124) and the accelerator pull off springs (Schedule Sheet B.7, Item 32 and Information Sheet 4.B.4) have been changed.

On right-hand cars a spring link is now used in conjunction with the accelerator pull off spring.

Sets of the new parts should be used for all replacements.

Piece numbers are as follows:-

DISPLACEDNEW

|          |                                                 |          |
|----------|-------------------------------------------------|----------|
| UE.31743 | Return Spring - Throttle Control                | UE.34744 |
| UE.31742 | Link Spring - Throttle Control                  | UE.7356  |
| UR.5265  | Pull off Spring - Accelerator Pedal (R.H. Cars) | UE.34697 |
| UE.31743 | Pull off Spring - Accelerator Pedal (L.H. Cars) | UE.34697 |
|          | Link Spring - Accelerator Pedal (R.H. Cars)     | UR.13621 |
|          | Hook Spring - Accelerator Pedal (R.H. Cars)     | RG.6025  |



4.B.13.

CONTROLSBENTLEY 'T': SILVER SHADOW L.H. CARS

In order to reduce the accelerator pedal load, the length of the rod, which connects the pedal lever to the cross shaft, has been increased and the length of the control rod, from the cross shaft to the compensator mechanism, has been decreased.

The new parts can be used, in sets, for all replacements.

Piece numbers are as follows:-

DisplacedNew

|          |                                                           |          |
|----------|-----------------------------------------------------------|----------|
| UR.15129 | Rod - Connecting - Accelerator Pedal Lever to Cross Shaft | UR.15589 |
| UE.34521 | Control Rod - Cross Shaft to Compensator Mechanism        | UE.34931 |

CONTROLS

BENTLEY 'T' : SILVER SHADOW LH. CARS

The following are the chassis numbers to which this modification has been fitted:-\

Standard Saloons : chassis SRX. 2928 and onwards

Coachbuilt Cars : chassis CRX. 3090 and onwards

PETROL TANKBENTLEY 'T' : SILVER SHADOW

Petrol tanks of modified construction are now being fitted.

In order to fit the new tank, it has been necessary to introduce several new parts and make some minor modifications.

The filler neck of the new tank is shorter than the one formerly fitted and to accommodate this, an adaptor, connected by hoses to the tank and filler head, has been introduced. The adaptor is fitted with connections for the attachment of the vent pipes. It has also been necessary to modify the filler tube cover panel, boot side panel and boot floor carpet. All six holes of the fuel gauge adaptor are now tapped 3.B.A., formerly four were 3.B.A. and two 2.B.A.

Parts are not interchangeable. Piece numbers are as follows:-

| <u>DISPLACED</u> |                                                 | <u>NEW</u> |
|------------------|-------------------------------------------------|------------|
| UR.16302         | Assembly-Petrol Tank                            | UR.16816   |
|                  | Adaptor Assembly                                | UR.16655   |
|                  | Hose - Adaptor to Filler Tube                   | UR.16653   |
|                  | Hose - Vent - Petrol Tank                       | UR.16656   |
| UB.14085         | Assembly Cover Panel - Filler Tube              | UB.18305   |
| UW.10289         | Panel - Boot Side - Right-hand                  | UW.13293   |
| UW.11625         | Carpet - Boot Floor                             | UW.13297   |
| UW.12451         | Carpet - Boot Floor (L.W.B. Division cars only) | UW.13302   |

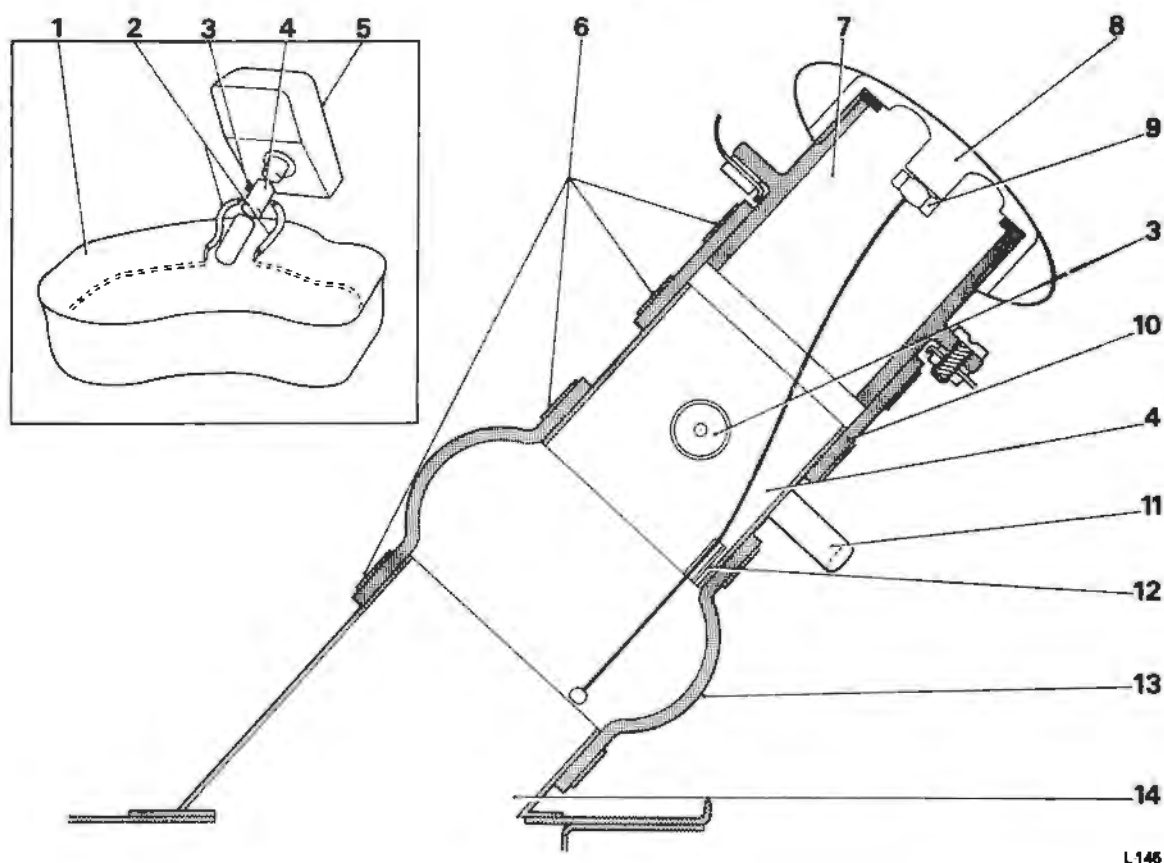
The following existing parts will also be required:-

|          |               |
|----------|---------------|
| RE.6739  | Jubilee Clip  |
| UE.34906 | "Corbin" Clip |

For spares purposes, when existing stocks of petrol tanks have been used up, the new tank will be supplied for all replacements. When a new tank is supplied as a replacement for a car on which it was not original equipment, all the parts required to fit it, will be supplied as a conversion kit, piece number RH.2483.

Details and application of the kit contents are given on the attached illustration. The method of fitting is described in Service Bulletin SY/K4.

- 2 -



L146

Fig. 1 Arrangement of the new filler tube adaptor assembly

Inset - Showing the position of the filler tube adaptor  
(Hoses deleted for clarity).

- 1 Fuel tank (UR 16816).
- 2 Vent tube hoses (UR 16656) - two required.
- 3 Adaptor for the existing  $\frac{1}{8}$  in. (3,175 mm.) diameter vent pipe.
- 4 The new filler tube adaptor (UR 16655).
- 5 Fuel filler box.
- 6 Worm drive hose clips (RE 6739) - four required.
- 7 Filler tube.
- 8 Filler cap.
- 9 Securing nut for filler cap retaining cable.
- 10 Upper petrol resistant hose (UR 16653).
- 11 Vent tubes.
- 12 Clip for the filler cap retaining cable.
- 13 Convoluted hose (UR 13769).
- 14 Filler neck of the fuel tank.

PETROL TANK

BENTLEY 'T' : SILVER SHADOW

The following are the car numbers to which this modification has been fitted:-

Standard Saloons - Car Serial Number SRH.7694 and onwards.

Coachbuilt Cars - Car Serial Number CRH.7812 and onwards.

Drop Head Coupes - Car Serial Number DRH.7770 and onwards.

Long Wheelbase Cars - Car Serial Number LRX.7482 and onwards.

Spares Information Sheet issued for  
Silver Shadow and Bentley T Series

Section B  
Information Sheet No. 4.B.23  
Page No. 1  
Date 13.4.71

### CARBURETTER CONTROLS

Changes have recently been made to the control rod and lever (Spares Schedule B 7/4 44 and 26, B 8/6 60 and 46) in order to reduce production costs; the cost saving envisaged has not been realised and the original controls have now been re-introduced.

The modification, shown in Figure 1B, consisted of replacing the jaw by inserting a suitably cranked control rod directly into the lever where it was secured with washers and split pins.

A flanged bush, pressed into the lever, replaces the original distance piece.

Of the new parts, only the flanged bush will continue to be supplied for spares.

If the original rod has to be fitted as a replacement for the new one, a new jaw, bolt and nut will also have to be fitted.

The new lever can be produced from the original by fitting the flanged bush.

Piece numbers are as follows:-

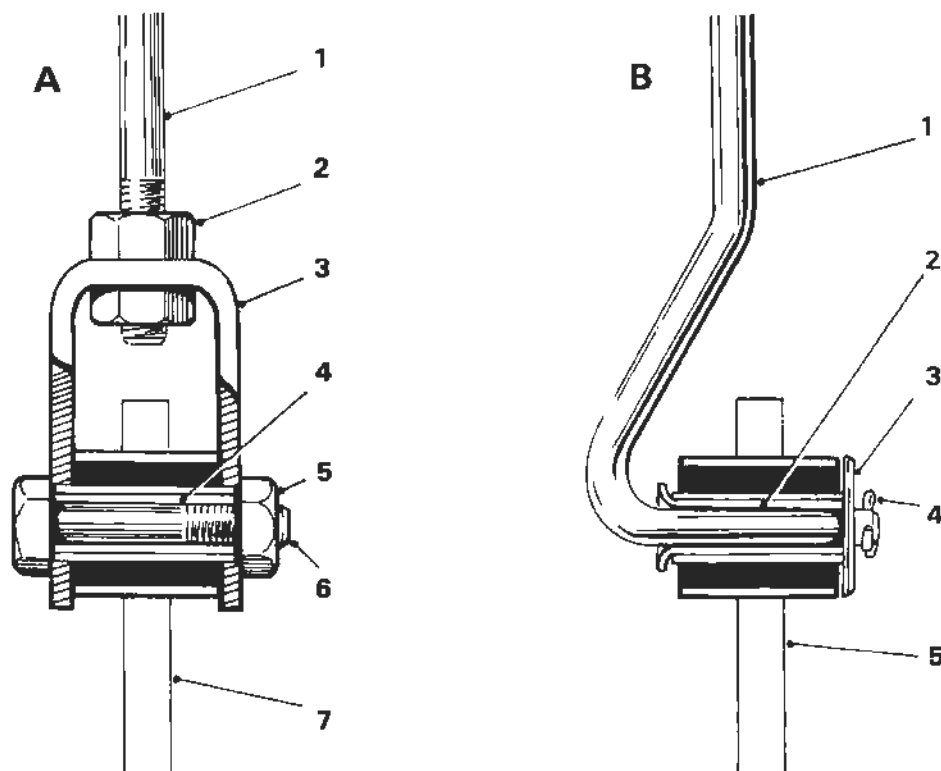
| <u>ORIGINAL AND<br/>RE-INTRODUCED</u> |                                                      | <u>NEW AND<br/>DISPLACED</u> |
|---------------------------------------|------------------------------------------------------|------------------------------|
| UE.1859                               | Jaw assembly                                         | -                            |
| X.4006/Z                              | Nut-Lock Jaw                                         | -                            |
| UE.34952                              | Control rod                                          | UE.36742                     |
| UR.15653                              | Lever and shaft assembly (Right-<br>hand drive cars) | UE.36744                     |
| UR.15605                              | Lever and shaft assembly (Left-<br>hand drive cars)  | UE.36743                     |
| RG.5763                               | Distance piece                                       | -                            |
| -                                     | Flanged bush                                         | UE.36741                     |
| UA.1503/Z                             | Bolt-Jaw                                             | -                            |
| X.4006/Z                              | Nut-Bolt                                             | -                            |
| -                                     | Split pin                                            | UA.10110/R                   |
| -                                     | Washer                                               | UD.10440                     |

Cwt/KH

Continued...

Spares Information Sheet issued for  
Silver Shadow and Bentley T Series

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M 251

Fig. 1 Carburettor controls .

A - Original and re-introduced

- 1 UE.34952 - Rod
- 2 X.4006/Z - Nut-lock-jaw
- 3 UE.1859 - Jaw
- 4 RG.5763 - Distance piece
- 5 X.4006/Z - Nut
- 6 UA.1503/Z - Bolt
- 7 Lever and shaft assembly

B - New and displaced

- 1 UE.36742 - Rod
- 2 UE.36741 - Flanged bush
- 3 UD.10440 - Washer
- 4 UA.10110/R - Split pin
- 5 Lever and shaft assembly

HOT IDLE COMPENSATOR VALVEBENTLEY 'T' : SILVER SHADOW

On cars fitted with refrigeration, it is possible in conditions of heavy traffic and extreme heat for the engine idling to be seriously affected; to counteract this a bi-metal compensator valve is now being fitted.

Piece numbers are as follows:-

DISPLACEDNEW

|           |                                  |             |
|-----------|----------------------------------|-------------|
| UE. 34088 | Assy.-Compensating Valve         | UE. 36493   |
| UE. 31617 | Mounting Bracket                 | UE. 36488   |
|           | Elbow - Air Induction Manifold   | UE. 36419   |
|           | Pipe - Air Connection            | UE. 36423   |
|           | Nut - Air Connection             | RE. 22430   |
|           | Washer - Air Connection          | UE. 36657   |
|           | Washer - Plain                   | UA. 1253/Z  |
|           | Hose - 'Tee' piece to valve      | UE. 36463   |
|           | Hose - Air Trunk to valve        | UE. 36472   |
|           | Setscrew - Body to bracket       | UA. 1505/Z  |
|           | Washer - Body to bracket         | X. 4404/Z   |
|           | Nut - Body to bracket            | UA. 11405/Z |
|           | Setscrew - Body to Block (2 off) | UA. 1507/Z  |
|           | Nut - Body to Block (2 off)      | UA. 11405   |

On cars fitted with refrigeration and the Exhaust Emission Control system, the following part is also changed.

DISPLACEDNEW

|           |                                        |           |
|-----------|----------------------------------------|-----------|
| UE. 34900 | Assy.-Pipe - 'Tee' piece to Gulp Valve | UE. 35617 |
|-----------|----------------------------------------|-----------|

On cars fitted with refrigeration and without the Exhaust Emission Control system the following parts are also changed.

DISPLACEDNEW

|           |                                   |           |
|-----------|-----------------------------------|-----------|
| UE. 31631 | Assy.- 'Tee' piece - Carburetters | UE. 35700 |
|           | Assy.- Pipe - Hose to 'Tee' piece | UE. 35620 |

These parts are not interchangeable.



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BENTLEY T : SILVER SHADOW

Section B

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Page No. 1

Date 9.3.71.

AIR SILENCER

Internal modifications have been made to the air silencer.

Parts are completely interchangeable and piece numbers are as follows:-

DISPLACED

UE 32204

Silencer assembly

NEW

UE 36803

Spares Information Sheet issued for  
BENTLEY T : SILVER SHADOW

Section B  
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Date 9.3.71.

FUEL SYSTEM

The cork seal, at present supplied with the petrol tank electric gauge unit, has been replaced by a gasket of a changed material specification.

When changing a tank unit, the cork seal should be discarded and the new gasket fitted, however, because of its thinner construction, it will be necessary to fit a washer under the heads of the securing screws to prevent thread binding.

Piece numbers are as follows:-

|          |        |
|----------|--------|
| UR 17396 | Gasket |
| X 9005/Z | Washer |

Cwt/KH/NM

Spares Information Sheet issued for  
BENTLEY T : SILVER SHADOW

Section B  
Information Sheet No. 4.B.33  
Page No. 1  
Date 31.8.71

CARBURETTER AIR INTAKE RESONATOR

A resonator is now being fitted in the carburetter air intake.

Piece numbers are as follows:-

DISPLACED

NEW

|          |                                            |          |
|----------|--------------------------------------------|----------|
| UE 35353 | Air hose - Silencer to carburetters        | -        |
|          | Air trunk - Silencer to resonator          | UE 36870 |
|          | Air trunk - Resonator to butterfly housing | UE 36871 |
|          | Resonator - Air trunk                      | UE 36954 |

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Bentley T Series : Silver Shadow

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CARBURETTER CONTROLS

An eccentric adjuster is now being fitted on the carburetter link in order to simplify synchronisation of the carburetters.

The new link can be fitted for all replacements provided the eccentric adjuster is supplied.

Piece Numbers are as follows :-

DISPLACED

NEW

|          |                                    |            |
|----------|------------------------------------|------------|
| UE 34917 | Assy. Link connecting carburetters | UE 37335   |
| UE 34918 | Pin                                |            |
|          | Eccentric adjuster                 | UE 37334   |
|          | Nut-2 BA-adjuster                  | UA 11445/Z |

Cwt/KH/GL

EXHAUST SYSTEMBENTLEY 'T' : SILVER SHADOW

The exhaust system components on this car are rather long and unwieldy; to such an extent that transportation, particularly overseas, might be difficult.

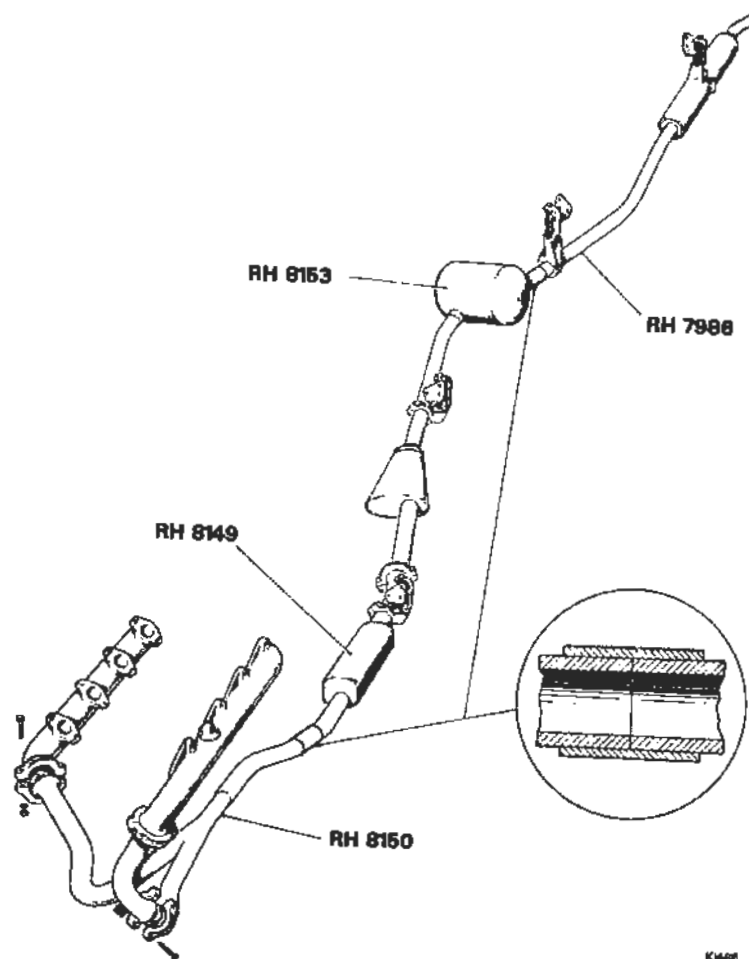


Fig.1 Service exhaust system

Continued...

Re-issued to amend piece numbers.

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

Bn/NM

20.11.88

4.C.1.

- 2 -

In order to obviate such problems, the system has been divided into smaller units. The ends of the pipes on these units will be devoid of flanges; collars will be provided to make a welded joint.

If necessary pipes can also be supplied when it is not considered essential to supply the actual silencer unit.

Figure 1 shows the sections which can be supplied for spares.

Piece numbers of the collars are RH.7987 and RH.7988.

4.C.2.

EXHAUST SYSTEMBENTLEY 'T' : SILVER SHADOW

Changes have been made to the method of suspending the rear silencer assembly.

Two mountings, of increased capacity, replace the three originally fitted. The one supporting the rear tail pipe and silencer remains in the same position. The ones formerly positioned to the front and rear of the swirl chamber have been deleted. A single one, without clamp, is now attached directly to a bracket welded on to the silencer. It is mounted to a point on the luggage boot floor.

The three tapped holes, in the final drive cross-member, which were used for exhaust mounting purposes, have been deleted on production cars, however, in the interest of commonisation, final drive cross-members with these holes will continue to be supplied for spares; the holes can be plugged if necessary.

The new exhaust pipes and mounting absorbers will be supplied for all replacements when existing stocks have been used up.

Piece numbers are as follows:-

| <u>DISPLACED</u> |                                                                                                 | <u>NEW</u> |
|------------------|-------------------------------------------------------------------------------------------------|------------|
| UG 12570         | Assy.cross-member - Final drive                                                                 | UG 12761   |
| UR 15448         | Assy.exhaust pipe - Expansion box - Silencer and H.F. Damping box (Standard cars except France) | UR 15694   |
| UR 15474         | Assy.exhaust pipe - Expansion box - Silencer and H.F. Damping box (Standard cars France only)   | UR 15695   |
| UR 15473         | Assy.exhaust pipe - Expansion box - Silencer and H.F. Damping box (L.W.B. cars except France)   | UR 15698   |
| UR 15475         | Assy.exhaust pipe - Expansion box - Silencer and H.F. Damping box (L.W.B. cars France only)     | UR 15699   |
| UR 13357         | Assy.absorber - Exhaust mount - Rear silencer                                                   | UR 15707   |
| UR 14584         | Assy.absorber - Exhaust mount - front silencer                                                  | UR 15708   |
| UR 13354         | Assy. Clamp - Absorber Stirrup - Intermediate Pipe                                              |            |
| UR 13350         | Assy.Clamp - Absorber Stirrup - Tail Pipe                                                       |            |

The following parts will also be required:-

|           |        |
|-----------|--------|
| UA 1251/Z | Washer |
| UA 301/Z  | Nut    |

COOLANT CONNECTIONSBENTLEY 'T': SILVER SHADOW

The method of connecting the gearbox heat exchanger pipe to the heater return pipe has been changed from flared end and nut to Olive and Tube nut.

Piece numbers of parts, which are not interchangeable, are as follows:-

DisplacedNew

|          |                                         |          |
|----------|-----------------------------------------|----------|
| UE.33690 | Assy. Pipe - Heater Return              | UE.34183 |
| UE.33697 | Pipe - Heat Exchanger Return to Adaptor | UE.34182 |
|          | Olive - Heat Exchanger pipe             | XB.3006  |
|          | Tube Nut - Heat Exchanger Pipe          | UE.33698 |



COOLANT CONNECTIONSBENTLEY 'T': SILVER SHADOW L.H. CARS

The coolant feed to the gearbox heat exchanger is now being taken from the thermostat outlet elbow. This elbow has an additional boss to accommodate the screwed adaptor to which the feed pipe is connected.

The facing at the rear of 'A' bank cylinder head from which the feed was originally taken has been blanked off and a longer hose used to connect the feed pipe to the heat exchanger.

Parts are not interchangeable unless the complete modification is fitted.

Piece numbers are as follows:-

DisplacedNew

|          |                                   |          |
|----------|-----------------------------------|----------|
| UE.32639 | Outlet - Thermostat               | UE.33637 |
| UE.33059 | Assy. Feed Pipe - Heat Exchanger  | UE.33630 |
| UE.33055 | Hose - Heat Exchanger - Feed Pipe | UE.34619 |
| RE.23846 | Clip - Heat Exchanger - Feed Pipe | UE.34620 |
|          | Clip - Heat Exchanger - Feed Pipe | UE.34622 |

The following existing parts will also be required:-

|           |                      |
|-----------|----------------------|
| UA.5831/Z | Adaptor - Thermostat |
| XB.1091   | Washer - Adaptor     |
| UA.5857/Z | Nut - Pipe           |
| UA.102/Z  | Bolt - Clip          |
| UA.1251/Z | Washer               |
| UE.3824   | Blanking Cover       |

The displaced parts:- UE.33055 and RE.23846 are still used in their other applications.

COOLING SYSTEMBENTLEY 'T' : SILVER SHADOW

The piece number of the Expansion Tank (Spares Schedule Sheets C1 and C2, item 2) has been changed.

At the same time, the opportunity has been taken to provide a boot which covers both coolant probe terminals, replacing the individual boots which have formerly been used.

The new expansion tank should be used for all replacements when stocks have been used up.

It is not necessary to change the boots when a new tank is fitted.

Piece numbers are as follows:-

| <u>Displaced</u> |                                 | <u>New</u> |
|------------------|---------------------------------|------------|
| UR. 3249         | Assy. Expansion Tank - Radiator | UR.15236   |
| UR.14697         | Boot - Probe terminals          | UR.15238   |

The following are the chassis numbers to which the above modification has been fitted:-

Standard Saloons - chassis SRX.2401 and onwards  
Coachbuilt cars - chassis CRX.2537 and onwards.

4.D.9.

COOLANT CONNECTIONSBENTLEY 'T' : SILVER SHADOW

In order to avoid a foul when the new starter motor (see information sheet 4.L.61.) is fitted on left-hand cars, the length of the heat exchanger feed pipe has been increased and the length of the connecting pipe decreased. The petrol drain pipes have also been re-routed.

In the interest of commonisation, the new pipes will also be fitted to right-hand cars which have the torque converter transmission.

When existing stocks have been used up, the new pipes will be supplied for all replacements, however, it will be necessary to cut back the connecting hose when a short feed pipe is replaced by a long one. Connecting hoses are not interchangeable.

Piece numbers are as follows:-

DISPLACEDNEW

|          |                                 |          |
|----------|---------------------------------|----------|
| UE.33630 | Assy. Heat Exchanger Feed Pipe  | UE.35366 |
| UE.34619 | Hose - Heat Exchanger Feed      | UE.35368 |
| UE.33384 | Assy. Manifold Drain Pipe       | UE.35373 |
| UE.31376 | Sub. Assy. Manifold Drain Pipe  | UE.35371 |
| UR.14461 | Assy. Petrol Drain Pipe - Lower | UE.35369 |

4.D.10.

ENGINE COOLINGBENTLEY 'T' : SILVER SHADOW(EXCEPT HOME MARKET CARS NOT FITTED WITH REFRIGERATION)

A viscous coupling is now being fitted to the engine cooling fan.

This has necessitated modifications to both the extension cone and fan assemblies.

The length of the extension cone has been decreased and the diameter of the fan mounting hole increased.

Parts are not interchangeable except as complete sets, (see Service Bulletin SY/A4).

Piece numbers are as follows:-

DISPLACEDNEW

|          |                        |          |
|----------|------------------------|----------|
| UE.32657 | Assy. Extension Cone   | UE.35510 |
| UE.32635 | Assy. Fan              | UE.32648 |
|          | Viscous Coupling - Fan | UE.32842 |

The following parts will also be required:-

UA.302/Z - Nut  
UA.1252/Z - Washer

The displaced parts are still required on home market non fridge cars.

The following are the serial numbers of cars to which this modification has been fitted:-

Standard Saloons:- Serial numbers SRH.4404, SRX.4405, SRH.4407, SRH.4409, SRH.4410 and onwards.

Coachbuilt Cars :- Serial numbers CBH.5055, CRH.5057 and onwards.

Special U.S.A. Saloons:- Serial numbers SRX.6381, SBX.6387, SRX.6388, SRX.6390 and onwards.

Special U.S.A. Coachbuilt Cars:- Serial numbers CRX.6384 and onwards.

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

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WATER CONNECTIONSBENTLEY 'T' : SILVER SHADOW

Modifications have been made to the heater return pipe and hose in order to eliminate contact with the hydraulic feed hose.

In effect, the length of pipe, to which the heater return hose is connected, has been increased and the length of the hose decreased.

Parts are not interchangeable unless the complete modification is fitted:-

Piece numbers are as follows:-

DISPLACEDNEW

|          |                            |          |
|----------|----------------------------|----------|
| UE.34183 | Assy. Pipe - Heater Return | UE.35835 |
| UE.33701 | Hose - Heater Return       | UE.35837 |

The following are the Car Serial Numbers to which this modification has been fitted:-

Standard Saloons - SBH.6851, SRH.6859, SRH.6861, SRH.6863, SRX.6864, SRH.6865, SRX.6866, SRH.6867, SRX.6868, SRX.6870, SRH.6871, SBH.6879, SRX.6880, SRH.6881, SRX.6882, SBH.6883, SRX.6884, SRH.6885, SRH.6886, SRX.6887, SBH.6888, SRX.6889, SRX.6891, SBH.6892, SRX.6894, SRH.6895, SRX.6896, SRX.6898, SRH.6900 and onwards.

Coachbuilt Cars - CRH.6872, CRH.6873, CRH.6934 and onwards less CRH.6937.

Long Wheelbase Cars - LRX.6930 and onwards.

4.D.12.

COOLING SYSTEMBENTLEY 'T': SILVER SHADOW

The design of the radiator pressure relief valve has been changed. In order to fit the new part, it has been necessary to modify the adaptor in the expansion tank.

At the same time, the opportunity has been taken to fit 10 lbs/sq.in. (0,703 kg/sq.cm) valves, which up to now have been fitted to refrigerated cars only, to all cars.

Parts are not interchangeable and piece numbers are as follows:-

| <u>DISPLACED</u> |                                                            | <u>NEW</u> |
|------------------|------------------------------------------------------------|------------|
| UR. 15687        | Assy. Expansion Tank - Radiator                            | UR. 15868  |
| UR. 14755        | Pressure Relief Valve - 10 lbs/sq.in.<br>(0,703 kg/sq.cm.) | UR. 16297  |
| UE. 9941         | Pressure Relief Valve - 7 lbs/sq.in.<br>(0,492 kg/sq.cm.)  |            |
| UE. 3086         | Sealing Washer - Relief Valve                              | UR. 15870  |

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

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Spares Information Sheet

COOLING SYSTEM

BENTLEY 'T' : SILVER SHADOW

The following are the Car Serial Numbers to which this modification has been fitted:-

MODEL

|                     |   |                      |
|---------------------|---|----------------------|
| Standard Saloons    | - | SRH.7333 and onwards |
| Coachbuilt Cars     | - | CRH.7374 and onwards |
| Convertibles        | - | DRX.7299 and onwards |
| Long Wheelbase Cars | - | LRX.7320 and onwards |

COOLING SYSTEMBENTLEY 'T' : SILVER SHADOW

Since information sheet 4.D.12 was issued, the poundage of the radiator pressure relief valve has been increased from 10lb./sq.in (0.703 kg./sq.cm.) to 15lb./sq.in. (1.054 kg./sq.cm.) .

The valve cover has been modified in order to identify the valve setting.

The new valve will be supplied for all replacements of UR.16297 when existing stocks have been used up. In the meantime, however, the 15lb./sq.in. (1.054 kg./sq.cm.) valve must always be used for replacements on cars to which it was fitted as original equipment.

When a valve of different setting to the original is fitted to a car, the cover should also be changed in order to avoid confusion.

Piece numbers are as follows:-

| <u>Displaced</u> |                                                                       | <u>New</u> |
|------------------|-----------------------------------------------------------------------|------------|
| UR.16297         | Pressure Relief Valve - 10lb./sq.in.<br>(0.703 kg./sq.cm.)            |            |
| UR.15283         | Cover - Pressure Relief Valve -<br>10lb./sq.in.<br>(0.703 kg./sq.cm.) |            |
|                  | Pressure Relief Valve - 15lb./sq.in.<br>(1.054 kg./sq.cm.)            | UR.16730   |
|                  | Cover - Pressure Relief Valve -<br>15lb./sq.in.<br>(1.054 kg./sq.cm.) | UR.16947   |

The following are the Car Serial Numbers of cars to which this modification has been fitted:-

|                     |   |                       |
|---------------------|---|-----------------------|
| Standard Saloons    | - | SRH.7824 and onwards. |
| Coachbuilt Cars     | - | CRH.7884 and onwards. |
| Convertibles        | - | DRH.7880 and onwards. |
| Long Wheelbase Cars | - | LRX.7858 and onwards. |



COOLING SYSTEMBENTLEY 'T' : SILVER SHADOW

It is not intended to make further supplied of UE. 32635 fan assembly available.

The following will be supplied for all replacements:-

|          |                     |   |
|----------|---------------------|---|
| UE.35510 | Extension Cone Assy | 1 |
| UE.32842 | Coupling            | 1 |
| UE.32648 | Fan Assembly        | 1 |

**Spares Information Sheet issued for**

BENTLEY T SERIES AND SILVER SHADOW

Section D

Information Sheet No. 4.D.17

Page No. 1

Date 4.10.71

COOLANT PUMP (SPARE PARTS LIST C3/5)

A 1.2 to 1 ratio fan is now being fitted to cars with L 410A engine, Car Serial Numbers as below.

In addition to changing the diameter of the fan pulley - the following changes have taken place.

1. A larger diameter viscous coupling.
2. Inner lower edge of fan blades cropped to clear viscous coupling.
3. Water pump outlet reduced to cope with increased speed, by reducing diameter of water pump impellor.
4. Coupling flange replaces spider.

Piece numbers of parts none of which are interchangeable are as follows:-

DISPLACEDNEW

|          |                                                  |          |
|----------|--------------------------------------------------|----------|
| UE 32648 | Fan assembly (S.P.L. C3/5 - 39)                  | UE 36998 |
| UE 32842 | Viscous coupling (S.P.L. C3/5 - 40)              | UE 37061 |
| UE 32598 | Assy. Coolant pump impellor (S.P.L. C3/5 - 3)    | UE 37062 |
| UE 33707 | Coolant pump assembly (S.P.L. C3/5)              | UE 37063 |
| UE 31574 | Coupling flange pulley to fan (S.P.L. C3/5 - 14) | UE 37064 |
| UE 34606 | Coolant pump pulley (S.P.L. C3/5 - 33)           | UE 37065 |
|          | Screw, pulley to coupling flange                 | UE 37097 |

Car Serial Numbers are as follows for Export cars

|                     |                                                                                                                                                         |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Four door saloon    | 11111, 11113, 11115, 11117, 11119, 11121, 11123, 11125, 11127, 11129, 11131, 11133, 11135, 11196, 11201, 11215, 11219, 11223, 11235, 11190 and onwards. |
| Coachbuilt cars     | 11206, 11210, 11238, 11239, 11242, 11284 and onwards.                                                                                                   |
| Long Wheelbase cars | 11157 to 11161 inclusive 11163, 11164, 11165, 11246, 11247, 11249, 11250, 11251, 11252, 11253, 11286, 11288 and onwards.                                |

Car Serial Numbers for Home Market cars

|                  |                |
|------------------|----------------|
| Four door saloon | 11224 onwards. |
| Coachbuilt       | 11275 onwards. |
| Long Wheelbase   | 11339 onwards. |

**Spares Information Sheet issued for**

BENTLEY T SERIES : SILVER SHADOW

Section D

Information Sheet No. 4.D.18

Page No. 1 of 1

Date 22.10.71

COOLANT PUMP (SPARE PARTS LIST C3/5)

Dimensional changes have been made to the coolant pump pulley and flange in order to facilitate machining.

Parts are not interchangeable as separate items, but pulley and flange can be fitted in sets, the original parts will continue to be supplied for spares.

It may be noted that both the complete coolant pumps and the impellor assemblies include the flange, the only additional part required to make these assemblies interchangeable is therefore the pulley.

Part Numbers are as follows:-

DISPLACEDNEW

|          |                                         |          |
|----------|-----------------------------------------|----------|
| UE 37063 | Coolant pump assembly (SPL C3/5)        | UE 37286 |
| UE 37062 | Impellor assembly (SPL C3/5 - 3)        | UE 37287 |
| UE 37064 | Flange - Pulley and fan (SPL C3/5 - 14) | UE 37289 |
| UE 37065 | Pulley (SPL C3/5 - 33)                  | UE 37290 |

Fitted to Car Serial Numbers.

Four-door Saloons 11894, 11905, 11945, 11949, 11952, 11953, 11955, 11957, 11958, 11960, 11962 and onwards.

Coachbuilt cars 11912, 11915 and onwards.

Long Wheelbase Saloons 11872, 11873, 11917, 11919, 11924 and onwards.

SUSPENSIONBENTLEY 'T': SILVER SHADOW

Improved front shock dampers with increased travel are now being fitted, this has necessitated modifications to the upper and lower fixings.

At the lower end a new ball pin housing has been introduced and the present method of screwed adjustment of the damper stem into the ball pin housing has been dispensed with. Fine adjustment of the damper strut is now obtained by adding 0.064 in. thick distance washers to the present range of thick adjusting washers under the spring seat. At the upper end a standard nut is used to replace the reach nut securing the damper stem to the spring support. A distance piece is fitted immediately below the spring support. The distance piece and screw in the ram cylinder have been changed. The welded on packing on the bump stop bracket and screwed on packing on the rebound stop bracket have been removed.

Piece numbers are as follows:-

| <u>Displaced</u> |                                       | <u>New</u> |
|------------------|---------------------------------------|------------|
| UR.14566         | Assy. Front Height Control Ram        | UR.14808   |
| UR.14656         | Distance Piece - Ram Cylinder         | UR.12096   |
| UA.154/R         | Screw - Distance Piece - Ram Cylinder | UA.156/R   |
| UR.12931         | Assy. Front Damper                    | UR.15057   |
| UR.15247         | Ball Housing - Damper                 | UR.14734   |
|                  | Adjusting Washer (0.064 in. thick)    | UR.14733   |
|                  | Distance Piece - Front Damper         | UR.14735   |
| UR.11374         | Reach Nut                             | UA.304/Z   |
| LC.3188          | Pin - Ball Housing                    |            |
| UA.307/Z         | Locknut - Damper to ball housing      |            |
| UR.14655         | Packing Piece - Rebound Stop          | UA.1252/Z  |
| UR.14657         | Reach Nut - Rebound Stop              | UA.302/Z   |

The long stroke dampers were introduced on the following chassis numbers:-  
Std. cars 1433 - 1434 - 1436 - 1438 to 1442 - 1444 - 1446 - 1448 - 1450 - 1452 - 1454 - 1456 - 1458 - 1460 - 1462 and onwards.

Coachbuilt cars:- chassis CRX.1583 and onwards.

Continued...

- 2 -

It should be noted however, that because UR.12931 damper is no longer supplied as a spare and UR.15057 has been supplied for all replacements, the above chassis numbers can only be taken as a very rough guide.

The parts required when replacing UR.12931 by UR.15057 are as follows:-

UR.14735 - Distance Piece  
UR.14733 - Packing Piece (up to 6 per damper)  
UR.14734 - Ball Housing  
UA.304/Z - Nut

On later cars changes were made to the spring support and isolator. The isolator now seats directly onto an increased diameter washer on a modified spring support.

Piece numbers are as follows:-

DisplacedNew

|          |                            |          |
|----------|----------------------------|----------|
| UR.14368 | Assy. Upper Spring Support | UR.14729 |
| UR.14645 | Heavy Washer               | UR.14732 |
| UR.12111 | Collar - Spacer - Isolator |          |

These changes were introduced on the following chassis numbers:-

Standard Saloons - Chassis 1529 - 1530 - 1532 and onwards  
Coachbuilt - Chassis 1646 and onwards

Since the above changes were introduced, a heavier damper, to accommodate the variable conditions experienced on European roads, has been introduced. This damper is identifiable by a white paint spot and its piece number is UR.15140. It has been fitted on home and European cars from the following chassis numbers:- Standard Saloons - SBH.1926 and onwards. Coachbuilt cars - CBH 1973 - 1975 - 2018 and onwards CRH 1933 - 1936 - 1968 - 1969 - 1976 - 2015 - 2016 - 2019 - 2086 and onwards. UR.15057 will continue to be fitted to all cars destined for U.S.A. and Canada.

As this heavier damper has also been fitted on earlier cars in service, it is again stressed that these chassis numbers can only be taken as a very rough guide.

Continued...

- 3 -

It is essential, therefore, that full details are given when replacement dampers are requested for, should an incorrect damper be fitted the balance of the suspension would be drastically impaired.

Coloured paint spots are used to identify the dampers and this provides the most accurate means of ascertaining the type of dampers fitted to a particular car. With one exception, which is quoted below, the colours must never be mixed.

Piece numbers of the dampers and their applicable colour codes are as follows -

UR.12931 - Front Damper (Short Stroke) = White Spot  
UR.15057 - Front Damper (Long Stroke) = Blue Spot or unidentified  
UR.15140 - Front Damper (Long Stroke) = White Spot

It must be noted that the setting of the short stroke damper UR.12931 (white spot) is equivalent to the setting of the long stroke damper UR.15057 (blue spot or unidentified). This is the only circumstance when colour codes can be mixed.

It must be clearly understood, that the long stroke damper UR.15140 (white spot) can only be used as a replacement for UR.12931 provided the full set of dampers - front and rear - are also changed. The piece number of the rear dampers to be used in these circumstances is UR.15142. If it is only required to change 1 damper on a car originally fitted with UR.12931 UR.15057 should be fitted.

Service Bulletin SY/H1 illustrates the stages of this modification.

- (1) Re-issued to amend typescript and add further information.
- (2) Re-issued to amend typescript and to clarify the use of the various dampers.

4.E.6.

FRONT SUSPENSION

BENTLEY 'T' : SILVER SHADOW

The arrangement of the seals in the Front Height Control Rams has been revised. This has resulted in the deletion of the seepage return pipes, which run from the Rams to their respective connectors.

Reference must be made to Service Bulletin SY/G5 before changing rams.

Piece numbers are as follows:-

DISPLACED

NEW

|          |                                        |          |
|----------|----------------------------------------|----------|
| UR.14808 | Assy Rams - Front Height Control       | UR.15211 |
| UR.14231 | Pipe - RH Front Ram to 3 way connector |          |
| UE.14233 | Pipe - LH Front Ram to 4 way connector |          |

To enable the latest seal arrangement to be included, early type rams (see information sheet 4.E.2) supplied as spares will have the seepage port blanked off or deleted. These also should be fitted in accordance with Bulletin SY/G5.

The following existing part will also be required:-

UR.12790 Blanking Plug

FRONT SUSPENSIONBENTLEY 'T' : SILVER SHADOW

The diameter of the front anti-roll rod has been increased. This has necessitated corresponding increases in the size of the bearing rubbers and securing brackets. A special washer has been introduced under the head of the bracket securing bolts, the bolts having been increased in length to suit. The front height control valve operating bracket, clamp and 'U' bolt have all been modified to accommodate the increased diameter rod.

Parts are not interchangeable.

Piece numbers are as follows:-

| <u>DISPLACED</u> |                                                      | <u>NEW</u> |
|------------------|------------------------------------------------------|------------|
| UR.13804         | Anti-Roll Rod - Front Stabiliser                     | UR.15403   |
| UR.10718         | Bearing - Anti-Roll Rod                              | UR.15520   |
| UR.10713         | Bracket - Anti-Roll Rod Bearing                      | UR.15519   |
| -                | Special Washer - Bracket - Anti-Roll Rod             | UR.15521   |
| UA.153/Z         | Bolt - Bracket - Anti-Roll Rod                       | UA.154/Z   |
| UR.14795         | Assy. Operating Bracket - Front Height Control Valve | UR.15515   |
| UR.13431         | Clamp - Operating Lever - Front Height Control Valve | UR.15517   |
| UR.12178         | 'U' Bolt - Clamp to Anti-Roll Rod                    | UR.15518   |

It must be noted that this modification is not applicable to cars exported to U.S.A. and Canada or those fitted with Colonial Type suspension.

The displaced part UR.10713 will still be required in other applications (see Information Sheet 4.F.12).

The following are the car numbers to which this modification has been fitted:-

Standard Saloons car number SRH.4258 and onwards.  
Coachbuilt Cars car number CRH.5011 and onwards.



FRONT SUSPENSIONBENTLEY 'T' : SILVER SHADOW

To further simplify the manufacture of the height control rams, changes have been made to the internal sealing arrangements. As a result the wiper seal has been modified; this and the upper seal are now assembled in a single bore in the housing.

The piston sealing plug is obtained by means of a single circlip the screw thread having been dispensed with.

The new ram assemblies and the piston complete with sealing plug and circlip, will be supplied for all replacements, but reference must always be made to Service Bulletin SY/G5 before changing rams. The wiper seals are not interchangeable.

Piece Numbers are as follows:

DISPLACEDNEW

|            |                                  |          |
|------------|----------------------------------|----------|
| UR.15211   | Assy. Ram - Front Height Control | UR.15503 |
| UR.12095   | Piston - Height Control Ram      | UR.15255 |
| UR.12074   | Sealing Plug - Piston            | UR.15256 |
|            | Circlip - Plug Retaining         | XB.14027 |
| UR.10579   | Wiper Seal - Height Control Ram  | UR.15499 |
| XB.14052/Z | Circlip - Seal Retaining         | XB.14048 |
| UR.10578   | Washer - Retaining               |          |

The following are the chassis numbers to which this modification has been fitted.

|                     |   |                                 |
|---------------------|---|---------------------------------|
| Standard Saloons    | - | Car number SRH.4129 and onwards |
| Coachbuilt cars     | - | Car number CRH.4063 and onwards |
| Special U.S.A. cars | - | Car number SRX.6094 and onwards |
| Drophead Coupe      | - | Car number CRX.6060 and onwards |



- 2 -

NOTE: If some of these cars have been fitted with long stroke dampers in service then of course later rams will be required. (For identification see Service Bulletin SY/H1).

RH.2432, UR.14808, UR.15211 and UR.15503 are to be used on the following car numbers:-

- |                 |                                                                                                           |
|-----------------|-----------------------------------------------------------------------------------------------------------|
| Standard Cars   | - 1433, 1434, 1436, 1438 to 1442, 1444, 1446, 1448, 1450, 1452, 1454, 1456, 1458, 1460, 1462 and onwards. |
| Coachbuilt Cars | - 1583 and onwards.                                                                                       |

#### REAR RAMS

The original rear ram, piece number UR.14691, was changed soon after the commencement of production in order to ease an assembly problem. The new piece number was UR.14799; the rams are not interchangeable (Spares Information Sheet 4.F.1.). The remaining changes were the same as those already referred to for the front rams. On the deletion of the low pressure pipe the piece numbers changed from UR.14799 to UR.15208 and for the further simplified sealing UR.15208 changed to UR.15502; UR.15502 can be used as an alternative to UR.14799 or UR.15208.

Special Service assemblies are:-

- RH.2405 - Alternative to UR.14691.  
RH.2433 - Alternative to UR.14799, UR.15208, UR.15502.

#### SUMMARISING

RH.2405 or UR.14691 to be used only on the following car numbers:-

- |                 |                    |
|-----------------|--------------------|
| Standard Cars   | 1,000 - 1475, 1499 |
| Coachbuilt Cars | - 1625, 1628       |

RH.2433, UR.14799, UR.15208, UR.15502, to be used on the following car numbers:-

- |                 |                            |
|-----------------|----------------------------|
| Standard Cars   | 1476 - 1498, 1500 onwards  |
| Coachbuilt Cars | - 1626, 1627, 1629 onwards |

FRONT SUSPENSIONBENTLEY 'T' : SILVER SHADOW

Since Information Sheet 4.E.9. was issued, the piece numbers of the Damper Assemblies have again been changed. At the same time, it has been decided to issue a damper for use in conjunction with the yellow identified rear suspension damper.

The new parts will be supplied for all replacements when existing stocks have been used up.

Piece numbers are as follows:-

| <u>Displaced</u> |                                                            | <u>New</u> |
|------------------|------------------------------------------------------------|------------|
| UR.15671         | Assy. Damper - Front Suspension<br>(Blue Identification)   | -          |
| UR.15673         | Assy. Damper - Front Suspension<br>(White Identification)  | -          |
|                  | Assy. Damper - Front Suspension<br>(White Identification)  | UR.16330   |
|                  | Assy. Damper - Front Suspension<br>(Yellow Identification) | UR.16331   |

**Spares Information Sheet issued for**  
**BENTLEY T : SILVER SHADOW**

**Section E**  
**Information Sheet No. 4.E.15**  
**Page No. 1**  
**Date 18.8.71**

**FRONT HUBS**

Modifications have been made to the front hubs to accommodate a change in design of the wheel studs.

The studs are now an interference fit in the hub and nuts are no longer required.

Parts are not interchangeable and piece numbers are as follows:-

**DISPLACED**

|          |                         |
|----------|-------------------------|
| UG.13164 | Assembly Front Hub R.H. |
| UG.13163 | Assembly Front Hub L.H. |
| UG.12916 | Wheel Stud R.H.         |
| UG.12917 | Wheel Stud L.H.         |
| UA.355/R | Nut Wheel Stud          |

**NEW**

|          |
|----------|
| UG.13014 |
| UG.13015 |
| UG.13012 |
| UG.13013 |

**Spares Information Sheet issued for****Bentley T : Silver Shadow****Section E****Information Sheet No. 4.E.15****Page No. 1 of 1 (ADDENDUM)****Date 25 11 71****FRONT HUBS**

The following are the Serial Numbers of cars to which this modification has been fitted:-

- 4-Door saloons - SRH 11715, SRH 11729, SRH 11731, SRH 11771,  
SRX 11791, SRX 11795 to SRX 11802 inclusive,  
SRX 11822 to SRH 11835 inclusive.  
SRX 11882 to SRX 11885 inclusive.  
SRH 11887 and all subsequent cars.
- 2-Door saloons - CRX 11840, CRH 11874, CRH 11876 and all  
subsequent cars.
- Convertible cars - DRX 11841, DRX 11875, DRH 11877, DRX 11908  
and all subsequent cars.
- Long Wheelbase - LRX 11857, LRH 11859 and all subsequent cars.  
cars
- 

Cwt/KH/NM

## Spares Information Sheet issued for

BENTLEY T : SILVER SHADOW

Section E

Information Sheet No. 4.E.16

Page No. 1

Date 4.10.71

FRONT SUSPENSION

Following the deletion of front height control, the opportunity has been taken to simplify the front suspension upper spring assembly and introduce a longer damper.

This has been achieved by deleting the upper damper mounting, spring isolator and spring support assembly and attaching the damper directly to a cast spring pot top cover, which replaces the sheet metal cover that has so far been fitted. The isolator rubbers which up to now have been used on the rear dampers only are now commonised for both front and rear applications.

Parts are not interchangeable; piece numbers are as follows:-

DISPLACEDNEW

|           |                                                                         |          |
|-----------|-------------------------------------------------------------------------|----------|
| UB 21294  | Cover - Spring Top - Front Suspension                                   | UR 17050 |
| UR 16330  | Assembly Damper - Front Suspension                                      | UR 17649 |
| UR 16331  | Assembly Damper - Front Suspension<br>(Cars with Heavy Duty Suspension) | UR 17651 |
| UR 12110  | Isolator - Coil Spring                                                  |          |
| UR 14729  | Assembly Spring Support - Upper                                         |          |
| UR 14732  | Washer - Heavy - Front Damper                                           |          |
| UR 11374  | Reach Nut - Damper - Upper                                              |          |
| UR 13965  | Bolt - Extractor - Front Spring Pots                                    |          |
| UR 16987  | Assembly Bracket - Damper Mounting                                      |          |
| UA 161/Z  | Bolt - Saddle Bracket - Front Spring Pots                               |          |
| UA 157/Z  | Bolt - Winged Cap to Cover                                              |          |
| UA 6103/Z | Washer - Bolt - Winged Cap to Cover                                     |          |
| UR 13558  | Bung - Winged Cap                                                       |          |

The quantities of the following have been revised:-

|           |                                          |
|-----------|------------------------------------------|
| UA 301/Z  | Nut, was 14 off now required at 10 off   |
| UA 6102/Z | Washer, was 28 off now required at 2 off |

In addition the following existing standard parts will be required:-

|           |        |
|-----------|--------|
| UA 156/Z  | Bolt   |
| UA 153/Z  | Bolt   |
| UA 105/Z  | Bolt   |
| UA 1251/Z | Washer |
| UA 1252/Z | Washer |
| UA 104/Z  | Bolt   |

Cwt/KH/NM

**Spares Information Sheet issued for**  
BENTLEY T : SILVER SHADOW

**Section E**  
**Information Sheet No 4.E.16 Adden.**  
**Page No. 1**  
**Date 4/10/71**

FRONT SUSPENSION

The following are the serial numbers of cars to which this modification has been fitted:-

|                     |                                                                                                                                                                                                                                                                                                                                                                                        |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Four door saloons:- | SRX 11452, SRH 11466, SBH 11498, SRH 11513,<br>SRH 11514, SRH 11515, SRH 11516, SRH 11517,<br>SRX 11518, SRH 11519, SRH 11520, SRX 11521,<br>SRH 11522, SRH 11523, SRH 11524, SRH 11525,<br>SRH 11526, SRX 11527, SRX 11528, SRX 11553,<br>SBX 11554, SRH 11555, SRX 11556, SRX 11557,<br>SBH 11574, SBH 11606, SBH 11609, SBH 11610,<br>SRH 11655, SBH 11656 and all subsequent cars. |
| Coachbuilt cars:-   | CRH 11594, CBX 11650 and all subsequent cars.                                                                                                                                                                                                                                                                                                                                          |
| Drophead Coupes:-   | DRX 11572, DRH 11593, DRX 11595, DRH 11597,<br>DRX 11653, DRX 11654, DRX 11699 and all<br>subsequent cars.                                                                                                                                                                                                                                                                             |
| Long Wheelbase:-    | LRX 11550, LRH 11551, LRH 11552, LRX 11598,<br>LRX 11599, LRX 11600 and all subsequent cars.                                                                                                                                                                                                                                                                                           |



4.F.5.

REAR SUSPENSIONBENTLEY 'T' ; SILVER SHADOW

The arrangement of the seals in the Rear Height Control Rams has been revised. This has resulted in the deletion of the seepage return pipes, which run from the rams to their respective connectors.

Reference must be made to Service Bulletin SY/G5 before changing rams.

Piece numbers are as follows:-

DISPLACEDNEW

|          |                                          |          |
|----------|------------------------------------------|----------|
| UR.14799 | Assy Ram - Rear Height Control           | UR.15208 |
| UR.14275 | Pipe - L.H. Rear Ram to 4 way connector  |          |
| UR.14339 | Pipe - R.H. Rear Ram to 4 way connectors |          |

To enable the latest seal arrangement to be included, early type rams (see information sheet 4.F.1) supplied as spares will have the seepage port blanked off or deleted. These also should be fitted in accordance with Bulletin SY/G5.

The following existing parts will also be required:-

UR.12790 - Blanking Plug  
UR.13852 - Grommet

4.F.6.

REAR SUSPENSIONBENTLEY 'T' : SILVER SHADOW

In order that the end yoke to driving shaft tightening torque can be increased, some minor modifications have been made.

The diameter of the end yoke hub has been increased and a corresponding change in dimension has been made in the stub axle.

When stock of the old parts have been used up, the new ones will be used for all replacements. This means that when a new yoke is supplied for cars fitted originally with the early yoke a new stub axle must also be provided. No additional parts will be necessary when a new stub axle is required.

Piece numbers are as follows:-

DISPLACEDNEW

|          |              |          |
|----------|--------------|----------|
| UG.12009 | Stub Axle LH | UG.12641 |
| UG.12020 | Stub Axle RH | UG.12642 |
| UG.12005 | End Yoke     | UG.12643 |

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

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4.F.7.

REAR SUSPENSIONBENTLEY 'T': SILVER SHADOW

Rear Shock Dampers with alternative settings are now available to accommodate the variable conditions experienced on European roads. The dampers are identifiable by coloured paint spots and are fitted in conjunction with the front dampers referred to in Information Sheet 4.E.2.

Piece numbers of the dampers and their applicable colour codes are as follows:-

- UR.15058 - Damper - Rear Suspension (Blue Spot or Unidentified)
- UR.15142 - Damper - Rear Suspension (White Spot)
- UR.15141 - Damper - Rear Suspension (Yellow Spot)

It should be noted that the fitting of UR.15142 (White Spot) damper commenced on the following chassis numbers:-

- Standard Saloons - Chassis SBH 1926 and onwards
- Coachbuilt Cars - Chassis CBH 1973 - 1975 - 2018 and onwards, CRH 1933 - 1936  
1968 - 1969 - 1976 - 2015 - 2016 - 2019 - 2086 and onwards

This damper however, has been used in conjunction with UR.15140 Front Damper on earlier cars in service, therefore the chassis numbers can only be taken as a very rough guide.

Damper UR.15058 (Blue Spot or Unidentified) can be used for replacements on cars built prior to the chassis numbers quoted above and will continue to be fitted on all cars destined for U.S.A. and Canada.

Damper UR.15141 (Yellow Spot) is a special damper which is only for use in countries where exceptionally rough road conditions predominate.

It is essential that full details are given when replacement dampers are requested as an incorrect fitting will impair the balance of the suspension.

As with front dampers, colour codes must never be mixed except in one single case. If dampers with a white spot are found on a car prior to chassis numbers quoted above they should be replaced by dampers with a blue spot.

REAR SUSPENSION

BENTLEY 'T' : SILVER SHADOW

Rear Suspension Springs with a higher rating than standard springs are fitted on cars destined for countries in which difficult terrain may be experienced.

These springs are fitted in conjunction with the UR.15141 (Yellow Spot) dampers referred to on Information Sheet 4.F. .

The springs necessitate the use of special seatings and bump stops.

Part numbers are as follows:-

|          |                                  |
|----------|----------------------------------|
| UR.14650 | Spring - Rear Suspension         |
| UR.15076 | Spring Seating - Rear Suspension |
| UR.15049 | Assy. Bump Stop                  |

The spring seatings can be used with all types of SY suspension springs and in the interests of economy, when stocks of UR.13759 are used up, UR.15076 will be supplied for all replacements.

4.F.9.

REAR SUSPENSION

BENTLEY 'T' : SILVER SHADOW

In order to eliminate the need for selective assembly, a rear spring of slightly increased poundage is now being fitted to the driver's side of the car.

The piece number is UR.15713.

4.F.11.  
(Issue 2)REAR SUSPENSIONBENTLEY 'T' : SILVER SHADOW

The inner cup washers, which were formerly supplied as a part of the shock damper have been replaced.

At the upper end, the replacement has been brazed to the isolator cone. At the lower end it has been brazed to the mounting bracket (Spares Schedule F1/3 Item 18).

An 'O' ring is inserted between the new cup washer orifice and the damper spindle.

The new parts are interchangeable with the old ones only as complete sets, and, as the latter will no longer be available, the new ones will have to be supplied for all replacements.

If any dampers are supplied with their full complement of cup washers then the two surplus ones should be discarded.

Piece numbers are as follows:-

| <u>DISPLACED</u> |                                | <u>NEW</u> |
|------------------|--------------------------------|------------|
| UR.14791         | Assy. - Isolator and Cone      | UR.15918   |
| UR.13372         | Bracket - Damper               | -          |
| -                | Assy. Bracket - Damper         | UR.15919   |
| UR.13373         | Packing Piece - Damper Bracket | -          |

The following existing part will also be required:-

CK.612 - 'O' Ring

The car serial numbers of the cars to which this modification has been fitted are as follows:-

Standard Saloons - Car serial number SRH.4168  
Coachbuilt Cars - Car serial number CBH.4106  
Special U.S.A. Saloons - Car serial number SRX.6122  
Special U.S.A. Coachbuilt Cars - Car serial number CRX.6102

Re-issued to amend piece number.

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

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REAR SUSPENSIONBENTLEY 'T' : SILVER SHADOW

An anti-roll rod has been introduced for the rear suspension of the above cars. The rod is mounted in rubber bearings and is clamped to brackets which are welded onto the cross-member of the rear sub-frame. Sockets have been provided on the trailing arms and the anti-roll rod is connected to them by a link bolt. Clearance for the anti-roll rod has been obtained by re-positioning the rear height control solenoid valve and one solenoid restrictor valve. Some of the hydraulic pipes and electric wires have been re-routed to accommodate the changed position of the valves. At the same time, the opportunity has been taken to use a common restrictor valve in the high and low pressure lines. It has also been necessary to provide a new clamp for the No. 2 exhaust mount; this is now bolted to a re-positioned bracket on the sub frame.

Piece numbers are as follows:-

| <u>DISPLACED</u> |                                                                      | <u>NEW</u>   |
|------------------|----------------------------------------------------------------------|--------------|
| -                | Anti-Roll Rod - Rear Stabiliser                                      | UR.14886     |
| -                | Bearing - Rear Anti-Roll Rod                                         | UR.15683     |
| -                | Bearing Bracket - Rear Anti-Roll Rod                                 | UR.10713     |
| -                | Assembly Rear Cross-member                                           | UR.15514     |
| -                | Link Bolt Assembly                                                   | UR.13778     |
| UR.10456         | Bolt - Compliance to Rear Abutment Bracket                           | UR.1031      |
| UR.15061         | Assy. Trailing Arm and Bush L.H.<br>(Coachbuilt and Drophead Coupés) | UR.15705     |
| UR.15062         | Assy. Trailing Arm and Bush R.H.<br>(Coachbuilt and Drophead Coupés) | UR.15704     |
| -                | Reach Nut - Link Bolt                                                | UR.15570     |
| -                | Pipe-Flexible to 3-Way - L.P. Return                                 | UR.15573     |
| UR.14294         | Pipe-Flexible to 3-Way - Solenoid Signal<br>Line                     | UR.15574     |
| UR.14295         | Pipe-Flexible to 3-Way - L.H. Level Valve-<br>Rear                   | UR.15575     |
| UR.14344         | Pipe-3-Way to 3 Way - Solenoid Signal                                | UR.15576     |
| UR.14345         | Pipe-3-Way to 2 x 2-Way - Solenoid Signal                            | UR.15577     |
| UR.14352         | Pipe-L.P. Restrictor Valve to L.H. Levelling<br>Valve                | -            |
|                  |                                                                      | Continued... |

- 2 -

DISPLACEDNEW

|          |                                               |          |
|----------|-----------------------------------------------|----------|
| -        | Pipe-3-Way to L.H. Levelling Valve            | UR.15578 |
| UR.14436 | Pipe-Flexible to L.P. Restrictor Valve        | -        |
| -        | Pipe-3-Way to L.P. Restrictor Valve           | UR.15579 |
| UR.14353 | Pipe-2 x 2-Way to L.P. Restrictor Valve       | UR.15580 |
| UR.14354 | Pipe-2 x 2-Way to R.H. Levelling Valve        | UR.15581 |
| UR.14355 | Pipe-Solenoid Valve to L.P. Restrictor Valve  | UR.15582 |
| UR.14343 | Pipe-3-Way to L.H. Levelling Valve            | UR.15583 |
| UR.14347 | Pipe-3-Way to Solenoid Valve                  | UR.15584 |
| UR.14346 | Pipe-2 x 2-Way to R.H. Levelling Valve        | UR.15585 |
| UR.14350 | Pipe-H.P. Restrictor Valve to Solenoid Valve  | UR.15586 |
| UR.14349 | Pipe-3-Way to H.P. Restrictor Valve           | UR.15587 |
| UR.14335 | Assy. L.P. Solenoid Restrictor Valve          | -        |
| UR.14434 | Assy. H.P. Solenoid Restrictor Valve          | -        |
| -        | Assy. H & L.P. Solenoid Restrictor Valve      | UR.15597 |
| UR.13354 | Assy. Exhaust Pipe Clamp                      | UR.15509 |
| UR.15065 | Assy. Trailing Arm and Bush L.H.              | UR.15701 |
| UR.15066 | Assy. Trailing Arm and Bush R.H.              | UR.15700 |
| UD.14410 | Assy. Valance Loom R.H. (L.H. Drive Cars)     | UD.14995 |
| UD.14406 | Assy. Valance Loom R.H. (R.H. Drive Cars)     | UD.14996 |
| UD.14409 | Assy. Valance Loom R.H. (L.H. Drive JWB Cars) | UD.14998 |
| UD.14408 | Assy. Valance Loom R.H. (R.H. Drive JWB Cars) | UD.14997 |

It must be noted that this modification is not applicable to cars exported to U.S.A. and Canada or those fitted with Colonial type suspension.

The following existing parts will also be required:-

|           |                  |
|-----------|------------------|
| UR.14501  | Clip             |
| UR.14504  | Base plate-clip  |
| UR.14317  | Connector, 3-Way |
| UA.152/Z  | Bolt             |
| UA.1252/Z | Washer           |
| UA.1255/Z | Washer           |
| UA.611/Z  | Washer           |
| UA.1254/Z | Washer           |
| UA.204/Z  | Nut              |
| UA.112/Z  | Bolt             |
| UA.108/Z  | Bolt             |

Continued...



4.F.12

- 3 -

The following are the car numbers to which this modification has been fitted:-

Standard Saloons car number SRH.4258 and onwards  
Coachbuilt Cars car number CRH.5011 and onwards

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

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REAR SUSPENSIONBENTLEY 'T' : SILVER SHADOW

To further simplify the manufacture of the height control rams, changes have been made to the internal sealing arrangements. As a result the wiper seal has been modified. The wiper seal and the upper seal are now assembled together, in a single bore, in the housing.

The piston sealing plug is retained by means of a single circlip, the screw thread having been dispensed with.

Four types of ram have now been fitted since the introduction of the 'T' series cars. The first of these, UR.14691, used only on the earliest cars (applicable car numbers are those prior to the ones given on Spares Information Sheet 4.F.1.). This ram and the piston UR.14690, will continue to be supplied.

The remaining three rams are completely interchangeable; they are service replacement items and any of them can, and will be, supplied for spares; before fitting however, reference should always be made to Service Bulletin SY/G5.

Except in the case of the early cars already referred to, the new piston, complete with plug and circlip, UR 15253, will be supplied for all replacements.

Wiper seals are not interchangeable

Piece numbers are as follows:-

DISPLACEDNEW

|            |                                 |          |
|------------|---------------------------------|----------|
| UR.15208   | Assy. Ram - Rear Height Control | UR.15502 |
| UR.14790   | Piston - Height Control Ram     | UR.15253 |
| UR.12074   | Sealing Plug - Piston           | UR.15256 |
|            | Circlip - Plug Retaining        | XB.14027 |
| UR.10579   | Wiper Seal - Height Control Ram | UR.15499 |
| UR.10578   | Retaining Ring - Wiper Seal     |          |
| XB.14052/Z | Circlip, Seal Retaining         | XB.14048 |

Continued...

- 2 -

The following parts although not shown in the Spares Schedule have also been changed:-

|          |                                                   |          |
|----------|---------------------------------------------------|----------|
| UR.15232 | Assy. Rear Height Control Ram<br>(Drophead Coupe) | UR.15504 |
| UR.14962 | Piston - Height Control Ram<br>(Drophead Coupe)   | UR.15254 |

The following are the car numbers to which this modification has been fitted:-

|                     |    |                                  |
|---------------------|----|----------------------------------|
| Standard Saloons    | -- | Car number SRH.4129 and onwards. |
| Coachbuilt Cars     | -  | Car number CRH.4063 and onwards. |
| Special U.S.A. Cars | -  | Car number SRX.6094 and onwards. |
| Drophead Coupe      | -  | Car number CRX.6060 and onwards. |

REAR SUSPENSIONBENTLEY 'T' : SILVER SHADOW

The Rebound Strap Assy. (Spares Schedule Sheet F1/1, Item 3') is now being produced in thicker gauge material and a new piece number has been allocated.

This has necessitated a minor modification to the Clamping Plate (Spares Schedule Sheet F1/1, Item 32) which has also been allocated a new piece number.

When existing stocks of Rebound Straps have been used up, the new one, together with the new Clamping Plate, will be supplied for all replacements.

In the event of a Clamping Plate being required for spares purposes, the new part will be supplied.

Piece numbers are as follows:-

DISPLACEDNEW

|          |                                       |          |
|----------|---------------------------------------|----------|
| UR.13441 | Assy. Rebound Strap - Rear Suspension | UR.15615 |
| UR.13442 | Clamping Plate - Rebound Strap        | UR.15610 |

4.F.20

REAR SUB-FRAMEBENTLEY 'T' : SILVER SHADOW

The method of assembling the 'Metalastic' mountings to the torque arm has been revised.

In effect, the lower mounting is fitted reverse side uppermost and a spacer has been introduced between the two mounts. To accommodate this, the mounting bolt has been lengthened and the number of washers used increased from 3 to 4.

Piece numbers are as follows:-

| <u>Displaced</u> |                                | <u>New</u> |
|------------------|--------------------------------|------------|
| CK.822           | Bolt - 'Metalastic' Mounting   | UR.12694   |
|                  | Spacer - Mounting - Torque Arm | UR.16657   |

4.F.20  
Addendum

REAR SUB-FRAME

BENTLEY 'T' : SILVER SHADOW

The following are the serial numbers of cars to which this modification has been fitted:-

SRH.8184 and onwards.  
LRH.8283 and onwards.  
SRX.9021 and onwards.  
DRX.9045 and onwards.

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

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4.F.22

REAR SUSPENSIONBENTLEY 'T' : SILVER SHADOW

The method of attaching the hydraulic pipe clips and earth bonding lead to the trailing arms has been changed.

Three flat brackets, welded to the trailing arm, replace the weld studs which were formerly fitted.

This has necessitated re-routing the hydraulic pipes.

Piece numbers of the affected parts are as follows:

| <u>Displaced</u> |                                                          | <u>New</u> |
|------------------|----------------------------------------------------------|------------|
| UR.15700         | Assy. Trailing Arm R.H.                                  | UR.16298   |
| UR.15701         | Assy. Trailing Arm L.H.                                  | UR.16299   |
| UR.15704         | Assy. Trailing Arm R.H.<br>(Convertible)                 | UR.16300   |
| UR.15705         | Assy. Trailing Arm L.H.<br>(Convertible)                 | UR.16301   |
| UR.15318         | Pipe Assy. Hose R.H. Rear Caliper<br>Distribution Valve. | UR.15320   |
| UR.15328         | Pipe Assy. Hose R.H. Rear Caliper<br>Master Cylinder.    | UR.16452   |
| UR.15319         | Pipe Assy. Hose L.H. Rear Caliper<br>Distribution Valve. | UR.15321   |
| UR.15329         | Pipe Assy. Hose L.H. Rear Caliper<br>Master Cylinder.    | UR.16453   |

The following parts will also be required:

UA.1501/Z Bolt    2 B.A.  
X. 4006/Z Nut    2 B.A.  
X. 4404/Z Washer - 2 B.A.

REAR SUSPENSIONBENTLEY 'T' : SILVER SHADOW

The method of attaching the hydraulic pipe clips to the rear sub-frame crossmember has been changed.

The weld studs, which formerly provided the clip securing points, have been replaced by attachment brackets, welded to the crossmember. Bridge type clips and sheet metal screws are used to secure the pipes to the abutment brackets, which have been drilled to suit.

The hydraulic pipe from the 3 way connector to the solenoid valve has been re-shaped in order to accommodate a minor adjustment in the position of the connector.

When existing stocks of the displaced parts have been used up, the new ones will be supplied for replacements.

Piece numbers are as follows:-

| <u>DISPLACED</u> |                                       | <u>NEW</u> |
|------------------|---------------------------------------|------------|
| UR.15514         | Assembly Crossmember - Rear Sub-Frame | UR.16280   |
| UR.15584         | Pipe - 3 way to Solenoid Valve        | UR.16474   |

The following existing parts will also be required:-

|           |              |
|-----------|--------------|
| UR.14500  | Clip - 4 way |
| UR.14501  | Clip - 5 way |
| UA.7331/Z | Screw        |
| UA.107/Z  | Bolt         |



Section

Information Sheet No.4.F.25

Page No. 1

Date: 22.12.70.

REAR SUSPENSIONBENTLEY 'T' : SILVER SHADOW

Re-inforcement plates are now being fitted to the rear torque arm assembly. To accomodate this, minor modifications have been made to the torque arm.

Piece numbers are as follows:-

DISPLACED

|           |                                 |
|-----------|---------------------------------|
| UR. 13724 | Assembly Torque Arm             |
|           | Plate - Re-inforcement          |
|           | Plate - Spacer - Re-inforcement |
|           | Spacer - Re-inforcement         |
|           | Bolt                            |
|           | Washer                          |
|           | Nut                             |

NEW

|            |
|------------|
| UR. 16642  |
| UR. 16643  |
| UR. 16644  |
| UR. 16645  |
| UA. 117/Z  |
| UA. 1251/Z |
| UA. 301/Z  |

For spares purposes, an assembly of torque arm and re-inforcement plates, piece number RH. 2510, will be supplied for all replacements.

However, if the modification described in Spares Information Sheet 4.F.20 has not previously been carried out, it must be incorporated before fitting RH. 2510 as a replacement for UR. 13724.

**Spares Information Sheet issued for  
BENTLEY T : SILVER SHADOW**

**Section F  
Information Sheet No. 4.F.26  
Page No. 1  
Date 18.8.71**

**REAR HUBS**

Modifications have been made to the rear hubs to accommodate a change in design of the wheel studs.

The studs are now an interference fit in the hub and nuts are no longer required.

Parts are not interchangeable and piece numbers are as follows:-

**DISPLACED**

**NEW**

|          |                        |          |
|----------|------------------------|----------|
| UG.13162 | Assembly Rear Hub R.H. | UG.13016 |
| UG.13161 | Assembly Rear Hub L.H. | UG.13017 |
| UG.12916 | Wheel Stud R.H.        | UG.13012 |
| UG.12917 | Wheel Stud L.H.        | UG.13013 |
| UA.355/R | Nut Wheel Stud         |          |

Cwt/KH/NM

**Spares Information Sheet issued for**

Bentley T : Silver Shadow

Section F

Information Sheet No. 4.F.26

Page No. 1 of 1 (ADDENDUM)

Date 25 11 71

REAR HUBS

The following are the Serial Numbers of cars to which this modification has been fitted:-

- 4-Door saloons - SRH 11625, SRH 11665, SRH 11679, SRH 11710, SRH 11716, SRH 11718 to SRH 11728 inclusive, SRX 11730, SRX 11732 to SRH 11741 inclusive, SRX 11765 to SRX 11770 inclusive, SRX 11772 to SRH 11790 inclusive, SRH 11792 and all subsequent cars.
  - 2-Door saloons - CRH 11757, CRH 11763, CRH 11806, CRH 11810, CRH 11812, CBX 11837 and all subsequent cars.
  - Convertible cars - DRX 11805, DRH 11807, DRX 11808, DRX 11809, DRX 11811, DRH 11836, DRX 11838 and all subsequent cars.
  - Long Wheelbase cars - LRX 11820, LRH 11842 and all subsequent cars.
- 

Cwt/KH/NM

Spares Information Sheet issued for  
BENTLEY T : SILVER SHADOW

Section F  
Information Sheet No. 4.F.27  
Page No. 1  
Date 5/10/71

REAR SUSPENSION

An improved type of end rubber is being fitted to the Damper Assemblies and new piece numbers have been allocated.

The 'O' ring, which has formerly been fitted between the cup washer orifice and the damper spindle, has been deleted.

The new parts will be supplied for all replacements when existing stocks have been used up.

Piece numbers are as follows:-

| <u>DISPLACED</u> |                                                                                       | <u>NEW</u> |
|------------------|---------------------------------------------------------------------------------------|------------|
| UR 16333         | Assembly Damper - Rear Suspension<br>(White Identification)                           | UR 17650   |
| UR 16332         | Assembly Damper - Rear Suspension<br>(Yellow Identification)                          | UR 17652   |
| UR 16327         | Assembly Damper - Rear Suspension<br>(No Identification - For use<br>on Convertibles) | UR 17665   |

Cwt/KH/NM

TRANSMISSIONBENTLEY 'T' : SILVER SHADOW

Harmonic dampers have been fitted to the final drive crossmember and Metalastic body mounts replace the ones shown in the Spares Catalogue (Sheet G.21, Item 6) on all cars.

Piece numbers are as follows:-

DisplacedNew

|           |                             |           |
|-----------|-----------------------------|-----------|
| UG.12148  | Body Mounting               | UG.12544  |
| UA.1253/Z | Washer Plain                | UA.6104/Z |
| UR.14377  | Bolt - Mounting             | UG.12545  |
| UR.14374  | Washer - Abutment           | UR.13782  |
| UA.305/Z  | Nut - Bolt                  | UA.304/Z  |
| UA.206/Z  | Bolt - Mounting             | UA.204/Z  |
|           | Disc Damper                 | UG.12536  |
|           | Tapped Disc - Damper        | UG.12537  |
|           | Mounting Bracket            | UG.12594  |
|           | Tube - Rubber               | UG.12539  |
|           | Washer - Rubber .125" Thick | UG.12540  |
|           | Washer - Rubber .187" Thick | UG.12541  |
|           | Assembly - Backing Plate    | UG.12543  |

(1) Re-issued to amend piece number of Mounting Bracket

TRANSMISSIONBENTLEY 'T': SILVER SHADOW

The three location pins in the Sprag Clutch Drum Assembly (Spares Schedule Sheet G8, Item 21) are no longer necessary and they will no longer be fitted. The corresponding holes in the piston, UG.12287, (Spares Schedule Sheet G8, Item 23) have been deleted.

The new drum can be used for all replacements but the new piston can only be used in conjunction with the new drum.

The complete new Front and Rear Drum and Drum Sprag Clutch Assembly can be used for all replacements.

Piece numbers are as follows:-

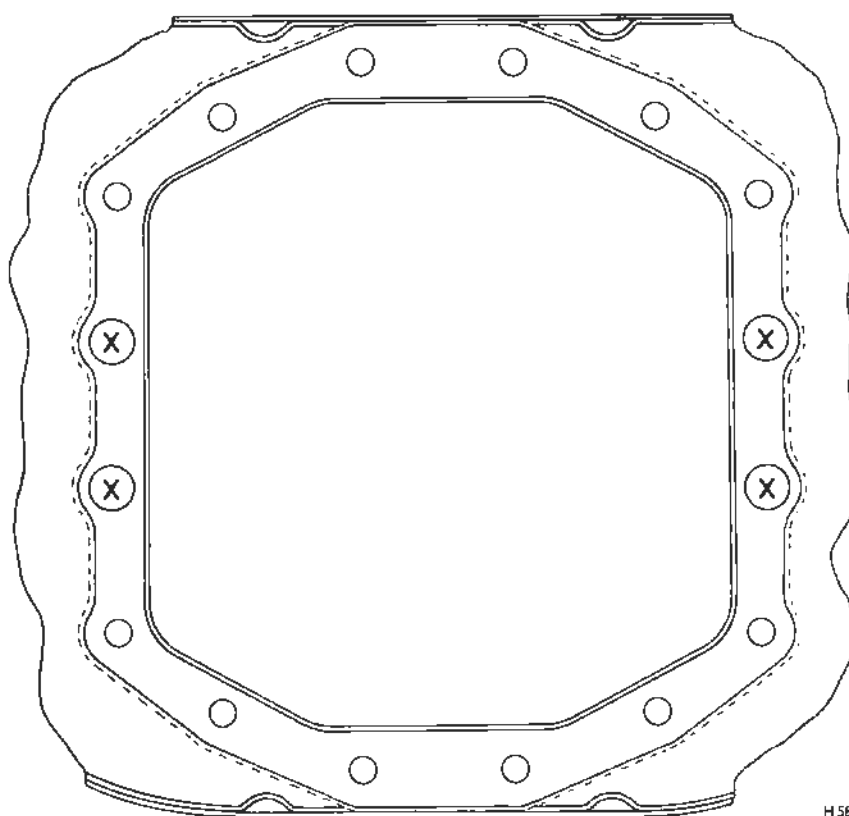
| <u>Displaced</u> |                                      | <u>New</u> |
|------------------|--------------------------------------|------------|
| UG.12281         | Assy. Front and Rear Drums           | UG.12515   |
| UG.12282         | Assy. Drum - Sprag Clutch            | UG.12516   |
| UG.12283         | Assy. Drum and Sleeve - Sprag Clutch | UG.12517   |
| UG.12284         | Drum - Sprag Clutch                  | UG.12518   |
| UG.12287         | Piston - Sprag Clutch                | UG.12519   |

FINAL DRIVE

BENTLEY 'T': SILVER SHADOW

Dowel pins have been fitted into the final drive casing and cover.

The dowel holes in the cover and casing are reamed together and because of this they can only be supplied together as an assembly (piece number RE.2386).



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Fig.1 Enlarged holes in final drive cross-member

- 2 -

At the same time the four stud holes in the final drive cross-member, marked X (see Fig.1), have been increased in diameter to provide clearance for the distance washers UR.2165 which are included in RH.2386.

When fitting RH.2386 as a replacement on cars with an unmodified cross-member, it will be necessary to drill the four stud holes in the cross-member to 0.718 in. + 0.010 diameter (see Fig.1) to accommodate the distance washers.

Piece numbers of the affected parts are as follows.

DisplacedNew

|          |                                |          |
|----------|--------------------------------|----------|
| UG.12079 | Assy. Casing - Final Drive     |          |
| UG.116C1 | Cover - Final Drive            |          |
|          | Assy. Casing and Cover         | RH.2386  |
| UG. 1689 | Joint - Cover to Casing        | UG.12565 |
| UG.12124 | Assy. Final Drive Cross-member | UG.12570 |



TRANSMISSIONBENTLEY 'T': SILVER SHADOW LH CARS

Changes have been made to the gearbox modulator vacuum adaptor, in the induction manifold, and its connecting pipes.

On some early cars, not fitted with refrigeration, a restrictor may be fitted in the adaptor itself. On later cars the restrictor is always fitted in the connecting pipe to the gearbox.

Adaptors supplied for spares will not be fitted with restrictors. If one is being used to replace a restricted adaptor it is essential that a restricted gearbox pipe is also fitted; failure to do so may result in serious damage to the gearbox.

Piece numbers are as follows:-

DisplacedNew

|          |                                  |
|----------|----------------------------------|
| UE.33635 | Adaptor - T.V. Vacuum Connection |
| UE.33633 | Assy. T.V. Vacuum Pipe           |

|          |
|----------|
| UE.34166 |
| UE.34195 |

TRANSMISSIONBENTLEY 'T' : SILVER SHADOW R.H. CARS

Under certain slow running conditions oil occasionally leaks through the gearbox internal breather pipe (Spares Schedule Sheet G.5, Items 9 and 28) and out through the bell housing.

In order to eliminate this an external breather pipe is now being fitted in a different position.

The internal breather is no longer being fitted.

Piece numbers are as follows:-

DisplacedNew

|          |                    |          |
|----------|--------------------|----------|
| UE.5664  | Blanking Plug      |          |
| UG.12408 | Gauze - Breather   |          |
|          | Breather Pipe      | UG.12592 |
|          | Clip - Pipe        | RD.6082  |
|          | Hammer Drive Screw | UG.12292 |

AUTOMATIC GEARBOX - REVERSE GEAR

BENTLEY 'T': SILVER SHADOW

On a few gearboxes, fitted to SY cars, the depth of the key slot in the outer cone, UG.1413 (Schedule G.11 ref. No.11) is shallower than standard.

In order to accommodate the reduction in depth, a special key, (G.11 ref. No.12), has been provided.

Serial numbers of the gearboxes concerned are SY.250-325 inclusive.

Should it ever be necessary to fit a new key in one of these gearboxes a special one RH.7948 should be ordered.

Should it ever be necessary to fit a new stationary cone, then a new key UG.224 should be fitted.

TRANSMISSIONBENTLEY 'T': SILVER SHADOW R.H. CARS

Minor modifications have been made to the Stationary Cone (Spares Schedule Sheet G.8 item 11) and a new piece number has been allocated. As a result, new piece number has also been allocated to the Output Shaft and Reverse Assembly (Schedule Sheet G.8 above item 1) which includes the modified part.

The new parts should be used for all replacements when existing stocks have been used up.

Piece numbers are as follows:-

DisplacedNew

|          |                                    |
|----------|------------------------------------|
| UG.12040 | Output Shaft and Reverse Assembly  |
| UG.1413  | Cone - Stationary Clutch - Reverse |

|          |
|----------|
| UG.12650 |
| UG.12651 |

4.G.19.

TRANSMISSIONBENTLEY 'T' : SILVER SHADOW

Minor alterations have been made to the Gearbox Actuator Slip Ring Assembly (Spares Schedule Sheets G.14 and G.25, above item 29). The depth of the centre counterbore has been increased by .150" which has necessitated the use of shorter screws to attach the slip ring to the output shaft.

The new parts, in sets, should be used for all replacements when existing stocks have been used up.

Piece numbers are as follows:-

DISPLACEDNEW

|           |                            |
|-----------|----------------------------|
| UG.11290  | Assembly Slip Ring         |
| UA.6768/Z | Screw - Slip Ring to Shaft |

|           |
|-----------|
| UG.12649  |
| UA.6766/Z |

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TRANSMISSIONBENTLEY T: SILVER SHADOW

A Viscous Damper is now being fitted between the final drive unit and the propeller shaft.

The damper is located on a fine limit spigot diameter, which has been machined on the pinion input flange. To attach the damper and flange to the propeller shaft flange, longer bolts are required, also, the hexagon headed screws which secure the bearing housing to the casing are replaced by socket headed cap screws.

It has also been necessary in order to avoid a foul, to modify the exhaust swirl chamber and intermediate pipe

The original coupling flange will continue to be supplied for replacements on cars which do not have a Viscous damper fitted. The new exhaust pipes however, will be supplied for all replacements.

Piece numbers are as follows:-

| <u>Displaced</u> |                                                                                                        | <u>New</u> |
|------------------|--------------------------------------------------------------------------------------------------------|------------|
| UG. 2080         | Assy. Coupling Flange Pinion                                                                           | UG.12684   |
| UA.255/Z         | Bolt - Propeller Shaft to Coupling Flange                                                              | UG.12685   |
| UA 08/Z          | Screw - Bearing Housing to Casing                                                                      | UA.7568    |
|                  | Pl i Washer                                                                                            | UA.1253/Z  |
| UR 13894         | Assy Exhaust Pipe - Expansion Box - Silencer<br>and F. Damping Box<br>(Standard cars except France)    | UR. 5448   |
| UR 14995         | Assy. Exhaust Pipe - Expansion Box - Silencer<br>and H.F. Damping Box<br>(Standard cars France only)   | UR.15474   |
| UR.14544         | Assy. Exhaust Pipe - Expansion Box - Silencer<br>and H.F. Damping Box<br>(L.W.B. cars except France)   | UR.15473   |
| UR.14997         | Assy Exhaust Pipe - Expansion Box - Silencer<br>and H.F. Damping Box<br>(L.W.B. cars French cars only) | UR.15475   |

Continued...

4.G.20.

- 2 -

The displaced parts UA.255/Z and UA.208/Z are still required in their various other applications.

The following are the chassis numbers to which the foregoing modification has been fitted:-

Standard Saloons - Chassis SRX 2330 and onwards.

Coachbuilt - Chassis CBH 2278, CRX 2459 and onwards.

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

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TRANSMISSIONBENTLEY 'T' : SILVER SHADOW LH CARS

Since Information Sheet 4.G.8. was issued, still further changes have been made to the gearbox modulator vacuum adaptor in the induction manifold and its connecting pipes, affecting both refrigerated and non refrigerated cars.

On non refrigerated cars the restrictor is again fitted in the adaptor itself and not in the connecting pipe as described in Information Sheet 4.G.8.

On refrigerated cars, the restrictor is still fitted in the connecting pipe but has been re-positioned. A new piece number has been allocated to the pipe which can be used for all replacements on these cars. The adaptor in this application is not fitted with a restrictor.

For replacements of adaptors or pipes on non refrigerated cars, an assembly of the new pipe and adaptor will always be supplied. This will eliminate any possibility of damage to the gearbox, which could occur, should an incorrect part be fitted. Piece number of the adaptor and pipe assembly is RH.2415.

Piece numbers of the affected parts are as follows:-

| <u>DISPLACED</u> |                                                  | <u>NEW</u> |
|------------------|--------------------------------------------------|------------|
| UE.34166         | Adaptor - TV Vacuum Connection) LH Cars non      |            |
| UE.34195         | Assy. T.V. Vacuum Pipe ) refrigerated            | RH.2415    |
| UE.34168         | Assy. T.V. Vacuum Pipe<br>(LH refrigerated cars) | UE.34811   |

The displaced part UE.34166 is still required on left and right hand refrigerated cars.



4.G.22.

TRANSMISSIONBENTLEY T': SILVER SHADOW

The piece numbers of the screw and nut (Spares Schedule Sheet G.27, Items 53 and 54) have been changed.

The new parts will be supplied for all replacements in sets of one nut and one bolt.

Piece numbers are as follows:-

DisplacedNew

|          |                  |
|----------|------------------|
| UG.11104 | Screw - Trunnion |
| UG.11103 | Nut - Trunnion   |

|          |
|----------|
| UG.12687 |
| UG.12688 |

TRANSMISSIONBENTLEY 'T' : SILVER SHADOW L.H. CARS

In order to strengthen the electric gear change actuator mounting, a stiffening plate has been welded to the mounting bracket (Spares Schedule Sheet G.25, Item 88) and a new piece number has been allocated. At the same time the diameter of the distance pieces (Schedule Sheet G25, Item 92) has been increased and a heavier washer is fitted below the head of the attachment bolt on the left hand side of the gearbox.

The new parts can be used for all replacements.

Piece numbers are as follows:-

DISPLACEDNEW

|           |                             |           |
|-----------|-----------------------------|-----------|
| UG.12389  | Mounting Bracket - Actuator | UG.12711  |
| UG.12390  | Distance Piece              | UG.12710  |
| UA.1254/Z | Washer                      | UA.2055/Z |

The displaced part UA.1254/Z is still used below the head of the attachment bolt on the right hand side of the gearbox.

TRANSMISSION

BENTLEY 'T' : SILVER SHADOW

The piece number of the transmission damper (Spares Schedule Sheet G.27/1, Item 89) has been changed.

The new part will be supplied for all replacements.

Piece numbers are as follows:-

DISPLACED

UG. 12683

Transmission Damper

NEW

UG. 12805

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

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TRANSMISSIONBENTLEY 'T' : SILVER SHADOW

In order to eliminate the possibility of water entering the casing which houses the neutral start micro-switches, the number of screws used to secure the cover to the casing has been increased from four to eight.

Parts are not interchangeable but when existing stocks of casings have been used up, the new one, complete with cover, gasket and the additional screws, will be supplied for replacements.

Piece numbers are as follows:-

DISPLACEDNEW

|          |                               |          |
|----------|-------------------------------|----------|
| UG.12376 | Casing - Neutral Start Switch | UG.12730 |
| UG.12387 | Cover - Casing                | UG.12731 |
| UG.12383 | Gasket - Casing               | UG.12732 |

Both types of gaskets and covers will continue to be available for spares purposes.

TRANSMISSION

BENTLEY 'T' : SILVER SHADOW

The following are the chassis numbers to which this modification has been fitted:-

|                        |   |                                 |
|------------------------|---|---------------------------------|
| Standard Saloons       | - | Chassis SRH.4014<br>and onwards |
| Coachbuilt Cars        | - | Chassis CRX.3941<br>and onwards |
| Special U.S.A.<br>Cars | - | Chassis SRX.6066<br>and onwards |

TRANSMISSIONBENTLEY 'T' : SILVER SHADOW

In order to simplify the method of manufacture, modifications have been made to the final drive pinion and bearing housing. These modifications have necessitated the introduction of a spacer to provide an abutment for the bearings.

The new bearing housing can and will be supplied for all replacements when existing stocks have been used up, pinions, however, are not interchangeable.

Piece numbers are as follows:-

| <u>DISPLACED</u> |                                  | <u>NEW</u> |
|------------------|----------------------------------|------------|
| UG. 12047        | Pinion - Prop. Shaft - Rear Axle | UG.12740   |
| UG. 12048        | Bearing Housing Pinion           | UG.12824   |
|                  | Spacer - Pinion                  | UG.12819   |

The following are the car numbers to which this modification has been fitted:-

Standard Saloons - car number SRH.4231 and onwards

Coachbuilt Cars - car number CRH.5003 and onwards

Special U.S.A.  
Cars - car number SRX.6159 and onwards

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

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TRANSMISSIONBENTLEY 'T' : SILVER SHADOW

A cast aluminium undercover has been introduced on cars fitted with the torque converter transmission, replacing the pressed steel undercover previously fitted.

This has necessitated some minor modifications to the transmission and rear engine mounting plate.

The tapped holes in the transmission to which the undercover is attached, have been increased in diameter and the welded gussets on the rear engine mounting plate have been re-positioned to avoid a foul. Longer setscrews are required to secure the undercover to the adaptor and the oil cooler to its mounting brackets.

Parts are not interchangeable.

Piece numbers are as follows:-

DISPLACEDNEW

|           |                                       |           |
|-----------|---------------------------------------|-----------|
| UG.12434  | Assembly Undercover                   | UG.12833  |
| UG.12421  | Assembly Mounting Plate - Rear Engine | UG.12835  |
| UG.12758  | Transmission Assembly                 | UG.12836  |
| LC.971    | Setscrew - Undercover to Transmission | LC.2644   |
| UA.1252/Z | Washer                                | UA.1253/Z |
| UA.155/Z  | Setscrew - Undercover to Adaptor      | UA.157/Z  |
| UA.102/Z  | Setscrew - Oil Cooler                 | UA.104/Z  |

The following are the car numbers to which this modification has been fitted:-

|                     |   |                                            |
|---------------------|---|--------------------------------------------|
| Standard Saloons    | - | Car numbers SRX.4308, SBX.4316 and onwards |
| L.H. Coachbuilt     | - | Car number CRX. 5035 and onwards           |
| R.H. Coachbuilt     | - | Car number CBH. 5020 and onwards           |
| Special U.S.A. Cars | - | Car number SRX. 6249 and onwards           |

TRANSMISSION.BENTLEY 'T' : SILVER SHADOW L.H. CARS

The modification described in Information Sheet 4.G.15 for Canadian export cars only, has now been instructed for all left-hand cars.

At the same time, the opportunity has been taken to simplify the method of manufacture of the front undercover. This had made it possible to delete the rubber seals that were formerly used on Canadian cars.

The new parts will be supplied for all replacements when existing stocks have been used up.

Piece numbers are as follows:-

| <u>DISPLACED</u> |                                          | <u>NEW</u> |
|------------------|------------------------------------------|------------|
| UG.12423         | Assy. Transmission                       | UG.12620   |
| UG.12413         | Assy. Undercover - Front                 |            |
| UG.12595         | Assy. Undercover - Front (Canadian Cars) |            |
|                  | Assy. Undercover - Front                 | UG.12621   |
| UG.12417         | Blanking Plate - Adaptor                 | UG.126 5   |
|                  | Cover Plate - Timing Aperture            | UG.12598   |
|                  | Setscrew - Cover Plate                   | X.1904/Z   |



TRANSMISSIONBENTLEY 'T' : SILVER SHADOW

Since information sheet 4.G.21 was issued, the arrangement of the vacuum pipes, from the induction manifold to the transmission vacuum modulator control and the refrigeration fast-idle controls, has been simplified. This has been achieved by introducing an additional vacuum tapping in the front of the induction manifold.

By using the front vacuum connection to feed the fast-idle controls and the rear connection to feed the transmission modulator, the two lines have been separated. This has made it possible to commonise the parts used in the fast-idle line on both left and right-hand refrigerated cars. A rubber hose now connects the fast-idle vacuum valve to an adaptor in the manifold; the pipes which were formerly used have been deleted. All left-hand cars, refrigerated and non-refrigerated, are now fitted with a common pipe from the manifold to the transmission vacuum modulator. The restricted adaptor UE.33635 is now fitted in the induction manifold on all L.H. Cars. On non-refrigerated cars, blanking plugs are used in the vacuum tappings.

At the same time the opportunity has been taken to re-route the pipe from the manifold to the transmission vacuum modulator, on left-hand cars and the petrol feed pipe on all cars. The transmission vacuum pipe is now clipped to the dipstick tube; formerly it was clipped to the petrol pipe. A double clip has been introduced to secure the battery cable and petrol pipe to their attachment bracket, replacing the single clips which have previously been used.

The new transmission vacuum control pipe for left-hand non-refrigerated cars only, and the petrol feed pipe and induction manifold will be supplied for all replacements when existing stocks have been used up; it will be necessary to blank off the vacuum tappings in the manifold as required. None of the other parts are interchangeable.

Piece numbers are as follows:-

DISPLACEDNEW

|          |                                                                  |          |
|----------|------------------------------------------------------------------|----------|
| UE.31370 | Assy. Induction Manifold                                         | UE.34771 |
| UE.32661 | Assy. Induction Manifold (Refrigerated Cars only)                | UE.35289 |
|          | Adaptor - Vacuum Connection - Fast-Idle (Refrigerated Cars only) | UE.34760 |

Continued...

- 2 -

DISPLACEDNEW

|          |                                                                           |          |
|----------|---------------------------------------------------------------------------|----------|
| UE.34058 | Hose - Vacuum Valve to 'T' Piece<br>(Refrigerated Cars only)              |          |
| UE.34811 | Assy. T.V. Vacuum Pipe (L.H. Drive<br>Refrigerated Cars)                  |          |
| UE.34166 | Adaptor - T.V. Vacuum Connection<br>(Refrigerated Cars only)              |          |
| UE.34199 | Pipe - Induction Manifold - Vacuum Unit<br>(R.H. Drive Refrigerated Cars) |          |
| UE.34815 | Assy. Pipe - T.V. Vacuum (L.H. Drive<br>Non-refrigerated Cars)            |          |
|          | Assy. Pipe - T.V. Vacuum (L.H. Cars)                                      | UE.34989 |
| UR.14493 | Clip - Vacuum Pipe to Petrol Pipe<br>(L.H. Drive Cars)                    |          |
|          | Clip - Vacuum Pipe to Transmission Dipstick<br>Tube (L.H. Drive Cars)     | UR.15679 |
| UR.14467 | Assy. Petrol Feed Pipe                                                    | UR.15681 |
| UE.3213  | Clip - Petrol Pipe                                                        |          |
| UR.3289  | Clip - Battery Cable (R.H. Cars)                                          |          |
| UD.13488 | Clip - Battery Cable (L.H. Cars)                                          |          |
|          | Clip - Petrol Pipe and Battery Cable                                      | UR.15680 |
| UD.2139  | Bush                                                                      | UD.13489 |

The following existing parts will also be required:-

|           |        |
|-----------|--------|
| UA.1155/Z | Plug   |
| XB.1078/R | Washer |
| UE.34059  | Hose   |
| UA.1501/Z | Bolt   |
| X.4006/Z  | Nut    |

TRANSMISSIONBENTLEY 'T' : SILVER SHADOW

The piece number of the bolt (Spares Schedule Sheet G.15/3, item 38) has been changed.

The new part will be supplied for all replacements in this application

Piece numbers are as follows:

DisplacedNew

WA.1501/Z

Bolt - 2 B.V.

XC.111/Z

The displaced part is still required in its various other applications

TRANSMISSIONBENTLEY 'T' : SILVER SHADOW

On cars fitted with the torque convertor transmission, the length of the setscrew, which attaches the actuator mounting bracket stay to the gearbox, has been increased, to accomodate the fitting of a washer below the screw head.

The new setscrew and washer should be used for all replacements in this application.

Piece numbers are as follows:-

DisplacedNew

GM.100134

Setscrew  
Washer

UG.13287

UA.1253/Z.

The displaced part is still used in all other rear extension to gearbox fixing holes.

4.G.40

TORQUE CONVERTER TRANSMISSION

BENTLEY 'T' : SILVER SHADOW

Commencing with gearbox No. 70-RR-2626 Teflon rings are being fitted on the front servo and front accumulator pistons used on these cars.

These rings are not supplied for spares purposes however, and the original type of ring 8623131 aluminium (front servo) and 8623653 cast iron (front accumulator) should continue to be fitted when necessary.

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

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**Spares Information Sheet issued for**

Bentley T : Silver Shadow

Section

Information Sheet No. 4.G.41

Page No. 1

Date 11.5.71

TRANSMISSION

On cars fitted with Torque Converter Transmission, the hole centres in the gearbox rear extension, to which the actuator mounting brackets are attached, have been increased by 0.500 in. (12,7 mm.).

To accommodate this, the actuator casing cover has been modified, the holes in the actuator mounting bracket and stay have been elongated and flats machined on the distance pieces.

In order to fit the new gearbox to a car on which it was not original equipment, either the complete modification will have to be carried out, or the rear extension of the new box will have to be replaced by the one removed from the car. In addition, for cars prior to those from Car Serial Number 9000 onwards, it will also be necessary to fit the dowel which is used to locate the neutral start switch mounting bracket.

The new actuator casing cover, mounting brackets and distance pieces are interchangeable.

Piece numbers are as follows:-

| <u>DISPLACED</u> |                                                                       | <u>NEW</u> |
|------------------|-----------------------------------------------------------------------|------------|
| UG 11263         | Cover - Main Casing - Actuator<br>(cars prior to Car Serial No. 9000) | -          |
| UG 13107         | Cover - Main Casing - Actuator<br>(cars from Car Serial No. 9000)     | -          |
| -                | Cover - Main Casing - Actuator                                        | UG 13375   |
| UG 12993         | Stay - Bracket - Actuator Mounting                                    | UG 13378   |
| UG 12711         | Assembly Mounting Bracket - Actuator                                  | UG 13379   |
| UG 12710         | Distance Piece - Actuator Bracket                                     | UG 13382   |
| UG 13328         | Assembly Gearbox                                                      | UG 13412   |

The following standard washer:- UA 1254/Z will now be required at 2 off, formerly 1 off UA 1254/Z and 1 off UA 2055/Z were used.

Continued...

**Spares Information Sheet issued for**

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Page No. 2  
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**Bentley T : Silver Shadow**

The following are the Car Serial Numbers of cars to which this modification has been fitted:-

Standard Saloons:- SRH 10803, SRH 10805, SRH 10807, SRH 10809,  
SRH 10811, SRX 10812, SRH 10813, SRH 10814,  
SRH 10815, SRH 10830, SRH 10831, SRX 10834  
and onwards.

Coachbuilt Cars:- CBH 10870, DRX 10871, CRH 10872 and onwards.

Long Wheelbase      LRH 10669, LRX 10877 and onwards.  
Cars:-

Spares Information Sheet issued for  
BENTLEY T : SILVER SHADOW

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Date 24.5.71

GEARBOX ELECTRIC ACTUATOR

In order to provide adjustment for the micro switches in the gearbox electric actuator, modifications have been made to the casing and contact base assemblies.

Slotted holes in the contact base allow the necessary amount of movement required for switch adjustment, distance pieces being fitted between the switches and base to accommodate the slots. The dowels, which have so far been fitted between the contact base and the casing, have been dispensed with, therefore the locating counterbores in the casing have been deleted.

The new contact base assembly can be used to replace the displaced part, if the distance pieces are also fitted. In this case the existing dowels must be discarded. Casing assemblies are not supplied for spares purposes, the number being included for reference purposes only.

Piece numbers are as follows:

DISPLACED

NEW

|          |                                 |          |
|----------|---------------------------------|----------|
| UG 13099 | Assembly Main Casing - Actuator | UG 13508 |
| UG 13101 | Assembly Base - Spring Contacts | UG 13504 |
|          | Distance Piece - Micro Switch   | UG 13505 |
| UG 13118 | Dowel - Base to Casing          |          |



Spares Information Sheet issued for  
BENTLEY T : SILVER SHADOW

Section G  
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Date 24.5.71

### TRANSMISSION

The thickness of the bearing adjusting washer (Spares Schedule Sheet G.27/2, Item 66) has been increased and the quantity required reduced from 2 off to 1 off.

The new washers will be supplied for all replacements when existing stocks have been used up.

Piece numbers are as follows:-

| <u>DISPLACED</u> |                                                                      | <u>NEW</u> |
|------------------|----------------------------------------------------------------------|------------|
| UG 11327         | Washer - Adjusting - Bearing - Diff. Housing 0.111 in.<br>(2,81 mm.) |            |
| UG 11328         | Washer - Adjusting - Bearing - Diff. Housing 0.114 in.<br>(2,89 mm.) |            |
| UG 11329         | Washer - Adjusting - Bearing - Diff. Housing 0.117 in.<br>(2,98 mm.) |            |
| UG 11330         | Washer - Adjusting - Bearing - Diff. Housing 0.120 in.<br>(3,04 mm.) |            |
| UG 11331         | Washer - Adjusting - Bearing - Diff. Housing 0.123 in.<br>(3,12 mm.) |            |
| UG 11332         | Washer - Adjusting - Bearing - Diff. Housing 0.126 in.<br>(3,20 mm.) |            |
| UG 11333         | Washer - Adjusting - Bearing - Diff. Housing 0.129 in.<br>(3,27 mm.) |            |
|                  | Washer - Adjusting - Bearing - Diff. Housing 0.223 in.<br>(5,66 mm.) | UG 13588   |
|                  | Washer - Adjusting - Bearing - Diff. Housing 0.227 in.<br>(5,76 mm.) | UG 13589   |
|                  | Washer - Adjusting - Bearing - Diff. Housing 0.231 in.<br>(5,86 mm.) | UG 13590   |
|                  | Washer - Adjusting - Bearing - Diff. Housing 0.235 in.<br>(5,96 mm.) | UG 13591   |
|                  | Washer - Adjusting - Bearing - Diff. Housing 0.239 in.<br>(6,07 mm.) | UG 13592   |
|                  | Washer - Adjusting - Bearing - Diff. Housing 0.243 in.<br>(6,17 mm.) | UG 13593   |
|                  | Washer - Adjusting - Bearing - Diff. Housing 0.247 in.<br>(6,27 mm.) | UG 13594   |
|                  | Washer - Adjusting - Bearing - Diff. Housing 0.251 in.<br>(6,37 mm.) | UG 13595   |
|                  | Washer - Adjusting - Bearing - Diff. Housing 0.255 in.<br>(6,47 mm.) | UG 13596   |
|                  | Washer - Adjusting - Bearing - Diff. Housing 0.260 in.<br>(6,60 mm.) | UG 13597   |

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BENTLEY T : SILVER SHADOW

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Date 1.11.71

TRANSMISSION

The material specification of the trunnion pin (Spares Schedule Sheet G27/2, Item 6) has been changed and a new piece number allocated.

Because it contains this part, the piece number of the half-shaft assembly (Spares Schedule Sheet G27/2, Item 1) has also been changed.

The new parts will be supplied for all replacements, when existing stocks have been used up.

Piece numbers are as follows:-

DISPLACED

UG 12063  
UG 10006

Assembly-Half-shaft  
Pin - Trunnion

NEW

UG 13686  
UG 13687

Cwt/KH/NM

**Spares Information Sheet issued for**

Bentley T : Silver Shadow

Section G

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Date 21 12 71

TRANSMISSION

On cars fitted with the 1971 and 1972 models of the Torque Converter Transmission, the piece number of the Governor Assembly has been changed.

The new part will be supplied for all replacements on the above Transmission models.

Piece numbers are as follows :-

DISPLACED

GM 8627146

Governor Assembly.

NEW

GM 8627441

Cwt/NM

Spares Information Sheet issued for  
Bentley T : Silver Shadow

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Date 21 12 71

TRANSMISSION

On cars fitted with the 1971 and 1972 models of the Torque Converter Transmission, the piece number of the Rear Extension Assembly has been changed.

The new part will be supplied for all replacements on the above Transmission models.

Piece numbers are as follows:-

DISPLACED

GM 8627230

Extension Assembly.

NEW

GM 8627005

Cwt/NM

WHEELS AND TYRESBENTLEY 'T' : SILVER SHADOW

In order that tubeless radial ply tyres can be fitted, the design of the road wheel has been changed. New wheel discs and 'Schrader' valves are also required.

The new parts must only be fitted to existing cars in sets of five. This is most important from the safety point of view. Both wheels and discs are identified by two spots of blue paint, these are located on the rear inner rim wall of the wheel and the inner face of the hub nut of the disc.

Piece numbers are as follows:-

|          |   |                                     |
|----------|---|-------------------------------------|
| UG 12886 | - | Road Wheel                          |
| UG 13186 | - | Assembly - Wheel Disc (Rolls-Royce) |
| UG 13187 | - | Assembly - Wheel Disc (Bentley)     |
| UG 13197 | - | 'Schrader' Air Valve                |

The following are the car numbers to which this modification has been fitted:-

|                     |    |                                                                                                       |
|---------------------|----|-------------------------------------------------------------------------------------------------------|
| Standard Saloons    | :- | SRH.5579, SRH.5582, SRH.5588, SRH.5591 and onwards.                                                   |
| Coachbuilt Cars     | :- | CRX.6761, DRX.6763, DRX.6764, CBH.6783, CRX.6784 and onwards.                                         |
| Long Wheelbase Cars | :- | LRX.6712, LRX.6714, LRX.6720, LRX.6744 and onwards.                                                   |
| U.S.A. Cars         | :- | SRX.6752, SRX.6754, SRX.6755, SRX.6756, SRX.6757, SRX.6758, SRX.6759, SRX.6771, SRX.6744 and onwards. |

Continued...

-2-

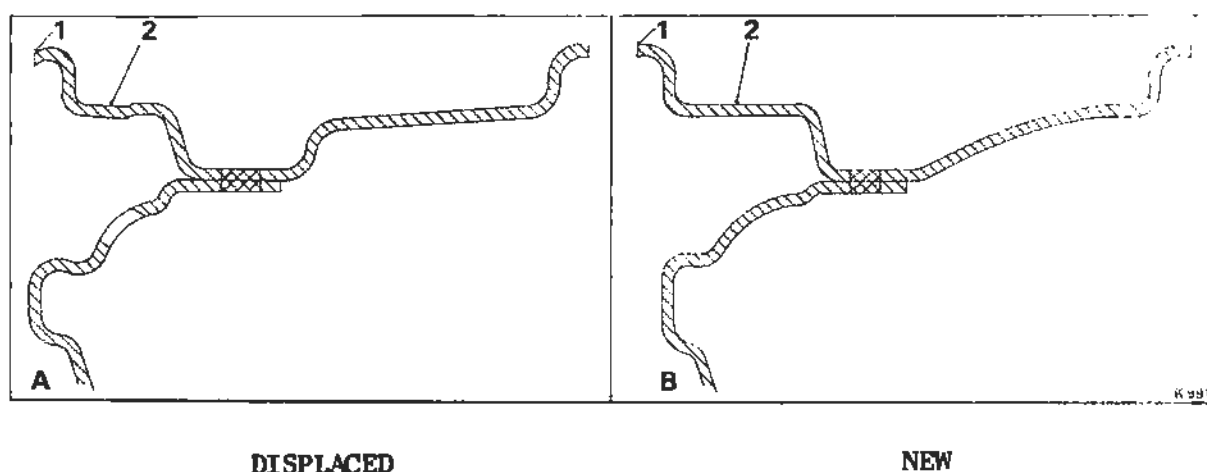


Figure 1. Showing shape of ledge on outer rim for the tyre bead seating.

A - Displaced road wheel  
1 - Outer rim  
2 - Angled seat

B - New road wheel  
1 - Outer rim  
2 - Flat seat

Spares Information Sheet issued for  
BENTLEY 'T' : SILVER SHADOW

Section H  
Information Sheet No. 4.H.2 ISSUE 2  
Page No. 1  
Date 6th April, 1971

### WHEELS AND TYRES

Since Spares Information Sheet 4.H.1 was issued, the wheels and discs have been modified in order to improve disc retention.

In effect, a stainless steel ring, welded to the disc, replaces the claw ring which was formerly fitted. A welded lug on the disc and a 0.500 in. (12,7 mm.) diameter hole in the wheel, are used for location purposes.

The new parts can be used for replacement of those described in Spares Information Sheet 4.H.1. However, where necessary, the locating hole will have to be drilled in the wheel, as described in Service Bulletin SY/R21.

Piece numbers are as follows:-

#### DISPLACED

|          |                                    |
|----------|------------------------------------|
| UG 12886 | Road Wheel.                        |
| UG 13186 | Assembly-Wheel Disc (Rolls-Royce). |
| UG 13187 | Assembly-Wheel Disc (Bentley).     |

#### NEW

|          |
|----------|
| UG 13160 |
| UG 13194 |
| UG 13195 |

Re-issued to amend typescript.

Cwt/KH

Spares Information Sheet issued for  
Bentley T : Silver Shadow

Section H  
Information Sheet No.4.H.3 (Issue 2)  
Page No. 1  
Date 9.11.71

### WHEELS AND TYRES

In order to improve wheel alignment, the clearance tolerance between hub and wheel has been decreased by increasing the hub location diameter.

The new hubs can be used for replacements on cars fitted with the wheels described in Spares Information Sheet 4.H.2, which can be identified by a letter 'A' stamped as a suffix to the manufacturers code LP.920 on one of the disc protruberances; on earlier cars, however, they are not interchangeable.

Piece numbers are as follows:-

#### DISPLACED

|          |                              |
|----------|------------------------------|
| UG.12007 | Sub Assembly Rear Hub - L.H. |
| UG.12008 | Sub Assembly Rear Hub - R.H. |
| UG.12169 | Assembly Hub - Front - L.H.  |
| UG.12170 | Assembly Hub - Front - R.H.  |

#### NEW

|          |
|----------|
| UG.13161 |
| UG.13162 |
| UG.13163 |
| UG.13164 |

The following are the serial numbers of cars to which this modification has been fitted:-

SRH.8387 and onwards.  
SRX.9075 and onwards.  
DRH.8421 and onwards.  
LRX.9113 and onwards.

In addition the following cars were fitted with new front hubs only:

SRX.9068 and DRX.9102

Re-issued to amend text in second paragraph.

Cwt/KH



Spares Information Sheet issued for  
BENTLEY 'T' : SILVER SHADOW  
(EXCEPT NORTH AMERICA)

Section H  
Information Sheet No. 4.H.4  
Page No. 1  
Date 2nd April, 1971

### WHEELS AND TYRES

Ventilated wheel discs are now being fitted to the above cars.

The new parts, in sets, can be used for replacements of those described in Spares Information Sheets 4.H.1 and 4.H.2, however, where necessary, the road wheel will have to be drilled to accommodate the disc locating lug. Details of this operation are described in Service Bulletin SY/R21.

Piece numbers are as follows:-

#### DISPLACED

|          |                                   |
|----------|-----------------------------------|
| UG 13194 | Assembly-Wheel Disc (Rolls-Royce) |
| UG 13195 | Assembly-Wheel Disc (Bentley)     |

#### NEW

|          |
|----------|
| UG 13476 |
| UG 13477 |

UG 13194/5 will continue to be fitted to, and supplied for, cars destined for North America.

Cwt/KH/NM

Spares Information Sheet issued for  
BENTLEY 'T' : SILVER SHADOW  
(EXCEPT NORTH AMERICA)

Section H  
Information Sheet No. 4.H.4 Addendum  
Page No. 1  
Date 18.5.71

WHEELS AND TYRES

The following are the Car Serial Numbers of cars to which this  
modification has been fitted:-

SRX 10494, SRH 10500 and onwards.

LRX 10563 and onwards.

Cwt/KH

STEERING COLUMN

BENTLEY 'T': SILVER SHADOW

The part number of the Terminal Blade (Spares Schedule Sheet D.4, Item 19) has been changed.

The new part should be used for all replacements.

Piece numbers are as follows:-

Displaced

New

UR.14381      Terminal Blade - Earth Cable

UR.14971

4.J.8.

Issue 2

STEERINGBENTLEY 'T'; SILVER SHADOW

In order to increase the clearance between the cross-beam ball joints and the exhaust system, some minor modifications have been effected.

The ball end pins, which connect the cross steering tubes to the cross-beam (Spares Schedule Sheet D7/1 item 14), have been reduced in length and are secured by a tab washer and lock-nut in place of a castellated nut and split pin. (Spares Schedule Sheet D7/1 item 24 and 25).

The depth of the counterbore in the cross-beam has been increased to accommodate the shorter ball end pin and a drilled hole added to accommodate the tab washer.

Parts are not interchangeable and piece numbers are as follows -

| <u>Displaced</u> |                                | <u>New</u> |
|------------------|--------------------------------|------------|
| UR 12748         | Ball end pin - cross-beam      | UR.15145   |
| UR.14029         | Assy. Cross-beam               | UR.15146   |
| UA 1104/Z        | Nut - ball end pin             | UA.354/Z   |
| UA.10022/Z       | Split pin - nut - ball end pin |            |
|                  | Tab washer - cross-beam        | XB.7109    |

UA.12748, UA.1104/Z and UA.10022/Z are still required to connect the cross steering tubes to the side steering levers and the cross-beam to the pendulum levers

(1) Re-issued to amend Spares Schedule reference.

STEERING

BENTLEY 'T': SILVER SHADOW

The following are the chassis numbers to which this modification has been fitted:-

- Standard Saloons - Chassis 2246 and onwards
- Coachbuilt - Chassis 2191, 2378 and onwards.

STEERINGBENTLEY 'T': SILVER SHADOW

A stronger washer is now being used under the head of the setscrew which secures the coupling flange (Spares Schedule Sheet D5, item 20) to the trunnion. The increased thickness of the washer has necessitated the use of a longer setscrew.

At the same time, the opportunity has been taken to provide a stronger mounting for the micro switch operating arm (Spares Schedule Sheets D2 and D3, item 21) by using heavier nuts, washers and screws.

Piece numbers of the affected parts are as follows:-

| <u>Displaced</u> |                                      | <u>New</u> |
|------------------|--------------------------------------|------------|
| UA.1253/Z        | Washer - Coupling Flange to Trunnion | UR.15290   |
| UA.205/Z         | Bolt - Coupling Flange to Trunnion   | UA.206/Z   |
| UA.6866/Z        | Screw - 4 B.A. - Operating Arm       | UA.6846/Z  |
| X.4003/Z         | Nut - Screw - Operating Arm          | UA.11403/Z |
| X.4401/Z         | Washer - Screw - Operating Arm       | X.4446/Z   |

With the exception of UA.6866/Z the displaced parts will still be required in their other applications.

4.J.11.

STEERINGBENTLEY 'T' : SILVER SHADOW - REFRIGERATED CARS ONLY

A Saginaw steering pump is now being fitted to the above cars, replacing the Hobourn Eaton pump which has previously been used.

The new pump is on the A bank side and the alternator on B bank side.

The changed pump position has necessitated the introduction of a jockey pulley into the driving belt run; it is supported on a bracket attached to the front engine cover, an increased diameter hole having been provided in the cover and crankcase for this purpose. Additional belt grooves have been provided in the crankshaft and coolant pump pulleys and the compressor has been moved slightly outboard to accommodate the changed run of the driving belts. The new pump requires the use of an oil cooler which is mounted on the channel above the radiator adjacent to the condensor. Steering Pump Hoses, Engine Breathe Pipe, the hydraulic pipe from the front pump to the flexible hose and the pipe from the engine coolant expansion tank to the pump have all had to be re-routed.

Parts are not interchangeable and piece numbers are as follows:-

DISPLACEDNEW

|                                                                 |          |
|-----------------------------------------------------------------|----------|
| Clip Extension Pipe to Steering Box                             | UR.15050 |
| Assy. Extension Pipe    Return - Box to Pump<br>(LH drive cars) | UR.15051 |
| Assy. Extension Pipe - Return - Box to pump<br>(RH drive cars)  | UR.15052 |
| Clip - Hose Assy. - Pressure - Oil Cooler<br>(RH drive cars)    | UR.15074 |
| Distance Piece - Clip - Hose Assy.<br>(RH drive cars)           | UR.15075 |
| Assy. Hose - Pressure Line<br>(RH drive cars)                   | UR.14907 |
| Assy. Hose - Pressure Line<br>(LH drive cars)                   | UR.14908 |
| Clip - Steering Hose<br>(LH drive cars)                         | UR.14957 |

Continued...

DISPLACEDNEW

|          |                                                                        |          |
|----------|------------------------------------------------------------------------|----------|
|          | Clip - Steering Hose<br>(LH drive cars)                                | UR.14958 |
|          | Oil Cooler - Steering Pump                                             | UE.34280 |
|          | Clip - Feed and Return Hose                                            | UE.34289 |
|          | Clip - Upper Half - Return Pipe to Body -<br>Oil Cooler RH drive cars) | UE.34431 |
|          | Clip - Lower Half - Return Pipe to Body -<br>Oil Cooler RH drive cars) | UE.34432 |
|          | Clip - Return Pipe to Body - Oil Cooler<br>(LH drive cars)             | UE.34433 |
|          | Clip - Return Pipe to Body - Oil Cooler<br>(LH drive cars)             | UE.34434 |
|          | Pipe - Oil Cooler - Steering Pump                                      | UE.34288 |
|          | Clip - Return Pipe - Body - Oil Cooler<br>(LH drive car)               | UE.34435 |
|          | Pipe - Cooler to Box<br>(LH drive cars)                                | UE.34286 |
|          | Pipe - Cooler to Box<br>(RH drive cars)                                | UE.34287 |
|          | Hose - Connecting - Cooler Pipes                                       | UE.34328 |
|          | Hose - Connecting - to Pump                                            | UE.34329 |
|          | Hose - Connecting - Pipe to Box<br>(RH drive car)                      | UE.34330 |
|          | Hose - Connecting - Pipe to Box<br>(LH drive cars)                     | UE.34331 |
| UE.31405 | Steering Pump                                                          | UE.34307 |
| UE.31390 | Pulley - Pump                                                          | UE.33150 |
|          | Front - Steering Pump                                                  | UE.34564 |
|          | Distance Piece - Pump to Plate                                         | UE.3042  |
| UE.31344 | Assy Support - Pump                                                    | UE.34453 |
|          | Rear Mounting - Pump                                                   | UE.34214 |
|          | Stiffen - Mounting - Plate                                             | UE.33659 |
|          | Distance Piece - Rear Mounting Plate                                   | UE.33660 |
|          | Rear - Mounting Plate - Pump                                           | UE.33711 |

Continued..



4.J.11.

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DISPLACEDNEW

|          |                                                             |          |
|----------|-------------------------------------------------------------|----------|
|          | Distance Piece - Rear Plate - Pump                          | UE.33050 |
|          | Clamping Stu - Front & Rear Plate                           | UE.33714 |
|          | He-l Block - Front Pivot Plate                              | UE.34565 |
|          | Assy. Carrier & Pulley                                      | UE.34857 |
|          | Pivot Pin - Jockey Pulley - Carrier                         | UE.34446 |
| UE.33373 | Assy. Crankcase                                             | UE.34466 |
| UE.33939 | Assy. Front Cover & Mounting Foot                           | UE.34732 |
| UE.31126 | Assy. Twin Vee Belts - C/Shaft, Steering Pump, Compressor   | UE.34567 |
|          | Assy. Twin Vee Belts - Coolant Pump, C/Shaft, Jockey Pulley | UE.34464 |
| UE.32658 | or                                                          |          |
|          | Assy. Twin Vee Belts - Coolant Pump, C/Shaft, Jockey Pulley | UE.34569 |
| UE.6197  | Pulley - Crankshaft                                         | UE.34457 |
| UE.32688 | Assy. Oil Filler & Pivot Bracket                            | UE.34202 |
|          | Bracket - Compressor Mounting                               | UE.33664 |
| UE.33834 | Assy. Breather Pipe                                         | UE.33404 |
| UE.33191 | Pulley - Alternator                                         | UE.34440 |
|          | Swivel Arm - Alternator Adjustment                          | UE.34439 |
|          | Clamping Post - Adjustment                                  | UE.34441 |
|          | Strut - Adjusting                                           | UE.34442 |
|          | Distance Piece - Short - Pivot                              | UE.34444 |
|          | Vee Belt - Coolant Pump and Alternator                      | UE.34445 |
|          | or                                                          |          |
|          | Vee Belt - Coolant Pump and Alternator                      | UE.34568 |
|          | Assy. Mounting Plate - Front - Compressor                   | UE.34437 |
| UE.31575 | Pulley - Coolant Pump                                       | UE.34456 |
| UE.33639 | Assy. Pipe - Expansion Tank to Coolant Pump                 | UE.34614 |
| UR.13280 | Outlet Hose - Expansion Tank to Coolant Pump                | UE.34616 |
| UR.14215 | Pipe - Flexible Hose to Front Pump                          | UR.14784 |

The following existing parts will also be required:

|         |              |
|---------|--------------|
| UR.853  | Bush         |
| RE.9418 | Jubilee Clip |
|         | or           |
| UR.8054 | Jubilee Clip |

Continued...

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


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|           |             |
|-----------|-------------|
| UA.8812/Z | Drill Screw |
| UA.3 1 Z  | Locknut     |
| UA 212/Z  | Bolt        |
| UA 102/Z  | Bolt        |
| UA.1251/Z | Washer      |
| UA.101/Z  | Bolt        |
| UA.157/Z  | Bolt        |
| UA.302/Z  | Nut         |
| UA 1252/Z | Washer      |
| UA.167/Z  | Setscrew    |

The displaced parts are still required on cars which do not have the Saginaw Pump fitted.

STEERING

BENTLEY 'T' : SILVER SHADOW

The following are the chassis numbers to which this modification has been fitted:-

Standard Saloons : SBX.3002, SRH.2997.  
SRX.2982, SRX.3003,  
SRX.3005 and onwards.

Coachbuilt Cars : Chassis CRH.3132 and onwards.

(1) Re-issued to amend chassis numbers.

4.J.12.

STEERINGBENTLEY 'T' : SILVER SHADOW

The steering geometry castor angle has been increased by moving the upper suspension ball joint rearward and the lower suspension ball joint forward of the wheel centre line.

To accommodate this movement, modifications have been made to the front and rear cantilever brackets, the lower triangle lever ball pin housings and the side steering levers.

Parts are not interchangeable.

Piece numbers are as follows:-

DISPLACEDNEW

|          |                                                 |          |
|----------|-------------------------------------------------|----------|
| UR.13970 | Side Steering Lever - R.H.                      | UR.14776 |
| UR.13971 | Side Steering Lever - L H.                      | UR.14777 |
| UR.13246 | Ball Pin Housing - Lower Triangle Lever<br>R.H. | UR.14774 |
| UR.13270 | Ball Pin Housing - Lower Triangle Lever<br>L.H. | UR.14775 |
| UR.11034 | Bracket - Cantilever - Front R.H.               | UR.14778 |
| UR.11035 | Bracket - Cantilever - Front L.H.               | UR.14779 |
| UR.13185 | Bracket - Cantilever - Rear R.H.                | UR.14780 |
| UR.13186 | Bracket - Cantilever - Rear L.H.                | UR.14781 |

The following are the chassis numbers to which the above modification has been fitted:-

|                  |   |                              |
|------------------|---|------------------------------|
| Standard Saloons | : | chassis SBH.3349 and onwards |
| Coachbuilt Cars  | : | chassis CRH.3449 and onwards |

STEERINGBENTLEY 'T' : SILVER SHADOW

A universal joint has been introduced below the Metalastik coupling of the lower portion of the steering column.

This has necessitated modifications to the upper and lower links of the steering column and the introduction of an intermediate link. The lower and intermediate links now provide the jaws of the universal joint. The existing 'fitted' bolts in the Metalastik coupling have been replaced by standard bolts.

Parts are not interchangeable.

Piece numbers are as follows:-

DISPLACEDNEW

|          |                                            |           |
|----------|--------------------------------------------|-----------|
| UR.13767 | Bonded Coupling - Steering Column          | UR.15428  |
| UR.13745 | Link - Lower - Steering Column             | UR.15430  |
| UR.13746 | Link - Upper - Steering Column             | UR.15431  |
| -        | Link - Universal to Bonded Coupling        | UR.15429  |
| -        | Spider - Universal Joint - Steering Column | UR.13636  |
| -        | Bearing Housing                            | UR.13637  |
| -        | Seal - Bearing                             | UR.13638  |
| -        | Bearing                                    | UR.13639  |
| -        | Circlip - Bearing                          | XB.14009  |
| UR.13768 | Bolt - Links to Coupling                   | UA.162/Z  |
|          | Washer - Bolt - Links to Coupling          | UA.1252/Z |
| UA.302/Z | Nut - Bolt - Links to Coupling             |           |

The following are the car serial numbers to which this modification has been fitted:-

Standard Saloons - Car serial number SRH.4186 and onwards  
Coachbuilt Cars - Car serial number CRH.4107 and onwards

Re-issued to amend piece number.

STEERING

BENTLEY 'T' : SILVER SHADOW

Section N5 page N.35 of the Workshop Manual, under the heading 'Upper Steering Column Thrust Races - To Renew', describes how to replace the top and bottom inner thrust races.

The piece number for them UR.13098, has not been included in the Spares Schedule, but stocks are available and will be supplied on request.

It is pointed out that the limits given in the Workshop Manual must be rigidly maintained and because of this the operation can be described as fairly difficult.

4.J.19.

STEERING

BENTLEY 'T': SILVER SHADOW

The piece number of the washer (Spares Schedule Sheet D4/1, has been changed.

The new part should be used for all replacements in this application.

Piece numbers are as follows:-

DISPLACED

NEW

X. 4446/Z Washer - Clip - Horn Contact

X. 4401/Z

The displaced part is still required in other applications.

4.J.22.

STEERING WHEEL

BENTLEY 'T' : SILVER SHADOW

The diameter of the steering wheel on cars fitted with an energy absorbing steering column (car serial Numbers 6 000 and onwards) has been reduced by one inch (1").

For spares purposes, both types of steering wheel will continue to be supplied, therefore orders should be placed in accordance with the diameter required

Piece Numbers are as follows

- UR.15546 - Assembly, Steering Wheel - 17in. diameter
- UR.16425 - Assembly, Steering Wheel - 16in. diameter



4.J.23.

DIRECTION INDICATOR SWITCHBENTLEY 'T' : SILVER SHADOW

The piece Numbers of the direction indicator switches have been changed.

The new parts will be supplied for all replacements when existing stocks have been used up.

Piece Numbers are as follows

DISPLACEDNEW

UR.13703      Direction Indicator Switch  
                 (Not North American cars)

UR.16530

UR.14519      Direction Indicator Switch  
                 (North American cars only)

UR.16531

SteeringBentley 'T' : Silver Shadow

In order to simplify assembly of the gear selector switch, on cars fitted with a six position actuator, modifications have been made to some of the component parts. These are, the base assembly, insulating plate, supply contact, support bracket assembly, quadrant assembly, selector lever assembly, selector lever spring and the pointer (Spares Schedule Sheet D.3, Items 4, 5, 8, 21, 23, 42, 44, 47 and Sheet D.3/1, Item 41)

In effect, the concentric pin of the base assembly, on which the quadrant rooking arm pivots, has been replaced by an eccentric pin and special nut, to provide a more accurate setting of the selector lever. The geometry of the selector lever has been re-arranged and as a result the intermediate gate stop positions have been changed. The fixing holes in the insulated contact plate and pointer have been elongated to provide a modicum of adjustment, which is accommodated by an increase in the length of the supply contact face. The strength of the selector lever spring has been increased.

At the same time, the opportunity has been taken to reduce the intensity of light in the gearchange selector illumination by replacing the 12 volt 1 watt bulb with a 14 volt .56 watt bulb.

The new pointer, selector lever spring and bulb can be used for all replacements, other parts, however, are not interchangeable.

Piece numbers are as follows:-

| <u>Displaced</u> |                                                  | <u>New</u> |
|------------------|--------------------------------------------------|------------|
| UR.13688         | Assy. Base - Gear Selector                       | UR.15766   |
|                  | Pivot Pin - Rooking Arm                          | UR.15764   |
|                  | Special Nut - Pivot Pin                          | UR.15765   |
| UR.13677         | Insulating Plate                                 | UR.15762   |
| UD.11011         | Supply Contact                                   | UR.15761   |
| UR.13690         | Assy. Support Bracket                            | UR.16135   |
| UR.13686         | Assy. Quadrant - 6 position                      | UR.15768   |
| UR.13669         | Pointer                                          | UR.15760   |
| UR.15572         | Assy. Selector Lever<br>(Special L.H. cars only) | UR.15781   |
| UR.14616         | Assy. Selector Lever                             | UR.15775   |
| UD.13698         | Bulb - Gear change selector                      | UD.15848   |
| UR.12472         | Spring - Gear Selector Lever                     | UR.16140   |

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

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Section

Information Sheet No. 4.J.25

Page No. 1

Date: 4.12.70

STEERINGPHANTOM VI

A new steering pump is now being fitted; it is identical to the current production SY. pump UE. 36935, except that UE.35875 adjusting washer is added.

Complete pumps are interchangeable and piece numbers are as follows:-

DISPLACEDNEW

UE.35838

Steering Pump

UE.37039

Spares Information Sheet issued for  
PHANTOM VI

Section J  
Information Sheet No. 4.J.26  
Page No. 1  
Date 9.3.71.

STEERING

Minor modifications have been made to the spool valve in order to accommodate the higher pressure which is generated by the Saginaw steering pump.

The new part should be used for all replacements on the above series motor cars, however the displaced part will continue to be supplied and must be used for replacements on earlier series cars, fitted with Hobourn-Eaton steering pumps, to which it was original equipment.

Piece numbers are as follows:-

DISPLACED

NEW

UR 8749

Valve

UR 16208

Cwt/KH

Spares Information Sheet issued for  
BENTLEY T : SILVER SHADOW

Section J  
Information Sheet No. 4.J.27  
Page No. 1  
Date 9.3.71.

### STEERING

Minor modifications have been made to the Detroit joint trunnion assembly and the end buttons.

In effect, the length of the button spigot has been increased and the bores in the trunnion pin deepened.

The new trunnion assembly can be used for all replacements, buttons however, are not interchangeable.

Piece numbers are as follows:-

#### DISPLACED

|          |                                   |
|----------|-----------------------------------|
| UR 13740 | Assembly Trunnion - Detroit Joint |
| UR 13748 | End Button - Pin - Detroit Joint  |

#### NEW

|          |
|----------|
| UR 17410 |
| UR 17412 |

Spares Information Sheet issued for  
Bentley T : Silver Shadow

Section J  
Information Sheet No. 4.J.28  
Page No. 1 of 1 (ISSUE 2)  
Date 25 11 71

### STEERING

A steering box with an increased ratio and which operates at higher pressure is now being fitted.

To accommodate this, the steering pump, pressure line hoses and pendulum lever have also been changed. The return pipe extension assembly on right-hand drive cars has been re-routed, and new return pipe retention clips fitted.

The new hoses will be supplied for all replacements when existing stocks have been used up, in the meantime however, they must always be used for replacements on cars to which they were original equipment. Other parts are not interchangeable unless the complete modification is fitted.

Piece numbers are as follows:-

| <u>DISPLACED</u> |                                                                  | <u>NEW</u> |
|------------------|------------------------------------------------------------------|------------|
| UR 15600         | Assy. Steering Box - R.H. drive cars                             | UR 17108   |
| UR 15601         | Assy. Steering Box - L.H. drive cars                             | UR 17109   |
| UE 34307         | Assy. Steering Pump                                              | UE 36935   |
| UR 13344         | Pendulum Lever - R.H. drive cars                                 | UR 17106   |
| UR 13345         | Pendulum Lever - L.H. drive cars                                 | UR 17105   |
| UR 14907         | Assy. Hose - Pump to Steering Box -<br>R.H. drive cars           | UR 17110   |
| UR 14908         | Assy. Hose - Pump to Steering Box -<br>L.H. drive cars           | UR 17111   |
| UR 15052         | Assy. Extension Pipe - Return -<br>Box to Pump (R.H. drive cars) | UR 17636   |
| UR 15050         | Clip - Extension Pipe to Steering Box                            |            |
|                  | Clip - Extension Pipe to Steering Box<br>(R.H. drive cars)       | UR 17634   |
|                  | Clip - Extension Pipe to Steering Box<br>(L.H. drive cars)       | UR 17635   |

Re-issued to amend typescript and add further parts and part numbers.

Cwt/KH/NM

**Spares Information Sheet issued for****BENTLEY T : SILVER SHADOW****Section J****Information Sheet No. 4.J.28 Add.****Page No. 1****Date 18.8.71****STEERING**

The following are the Car Serial Numbers of cars to which this modification has been fitted:-

**LEFT-HAND DRIVE CARS**

Four Door Saloons - SRX.11215 and onwards.  
Coachbuilt Cars - DRX.11210, DRX.11277 and onwards.  
Long Wheelbase Cars - LRX.11290 and onwards.

**RIGHT-HAND DRIVE CARS**

Four Door Saloons - SRH.11416, SRH.11450, SRH.11455, SRH.11461, SRH.11463, SRH.11465, SRH.11466, SRH.11470, SRH.11471, SRH.11473, SRH.11474, SRH.11475, SRH.11480, SRH.11481, SRH.11498, SRH.11499, SRH.11501, SRH.11502, SRH.11504, SRH.11505, SRH.11506, SRH.11507, SRH.11508, SRH.11510, SRH.11511, SRH.11513, SRH.11514, SRH.11515, SRH.11516, SRH.11517, SRH.11519, SRH.11520, SRH.11522, SRH.11523, SRH.11524, SRH.11525, SRH.11526, SRH.11552, SBH.11574, SBH.11609, SBH.11610 and onwards.

2-Door Saloons - CRH.11434, CRH.11573, SRH.11596 and onwards.

Convertibles - DRH.11570, DRH.11597 and onwards.

Long Wheelbase Cars - LRH.11535, LRH.11548, LRH.11549, LRH.11551 and onwards.

REAR BRAKESBENTLEY 'T' : SILVER SHADOW

In order to increase the clearance between the caliper assembly and the car body, minor modifications have been effected to the calipers and their associated connecting pipes.

The caliper bridge pipe has been re-routed, the height of the boss which carries the master cylinder feed pipe has been reduced and a shortened bleed screw has been fitted to the power pot. The hydraulic pipes which connect the calipers to the master cylinder and brake pumps have been shortened and re-routed. The union nut on one end of the master cylinder feed pipe has been replaced by a flare nut and is now secured by means of a banjo connection.

The new calipers can be used for all replacements.

Piece numbers are as follows:-

| <u>Displaced</u> |                                       | <u>New</u> |
|------------------|---------------------------------------|------------|
| UG.4478          | Caliper - R.H.                        | UG.12525   |
| UG.4479          | Caliper - L.H.                        | UG.12526   |
| UG.12426         | Caliper - R.H.                        | UG.12528   |
| UG.12427         | Caliper - L.H.                        | UG.12529   |
| UR.14437         | Pipe - Flexible to R.H. Caliper - M/C | UR.14742   |
| UR.14439         | Pipe - Flexible to L.H. Caliper - M/C | UR.14743   |
| UR.14438         | Pipe - Flexible to R.H. Caliper - H/P | UR.14624   |
| UR.14440         | Pipe - Flexible to L.H. Caliper - H/P | UR.14625   |
|                  | Banjo - Rear Caliper                  | UR.14752   |
|                  | Banjo Bolt                            | UR.14753   |
|                  | Joint Washer                          | UR.14754   |
|                  | Bleed Screw                           | UR.10967   |



4.X.5.  
Issue 2BRAKESBENTLEY 'T': SILVER SHADOW

In order to reduce free play in the brake pedal and to reduce the pedal load, some minor modifications have been effected.

The drilled hole in the pedal lever, to which the operating rod is connected, has been re-positioned and an adjustable external "off stop" has been introduced. To accommodate the reduced amount of brake rod travel, the diameter of the "on stop" rod has been increased by the addition of a distance tube. A cut-out has been provided in the Upper Distribution Valve Body to avoid a foul.

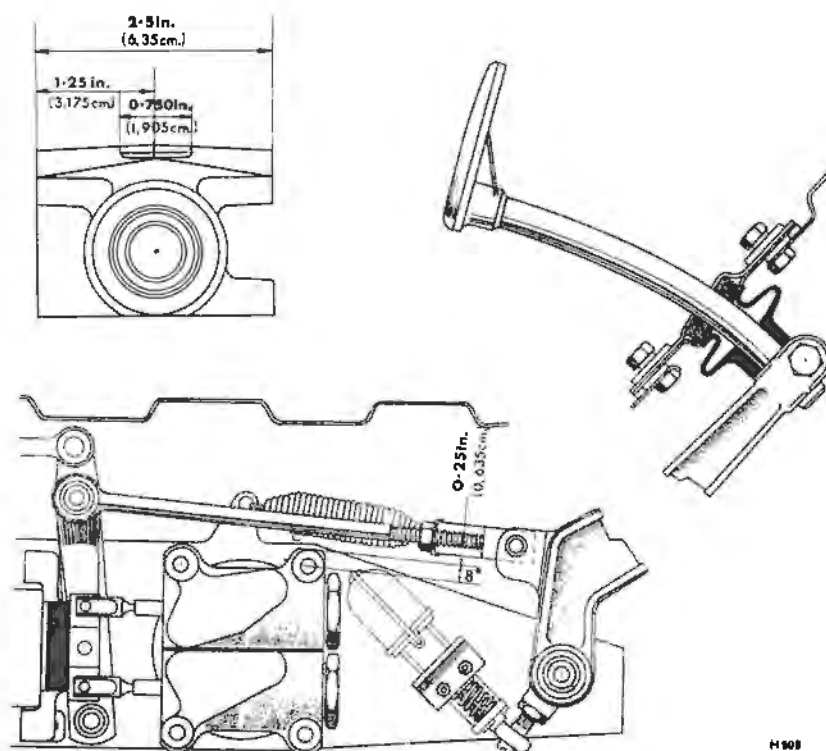


Fig.1 Clearance cut-out on distribution valve (upper)

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With the exception of the pedal levers, which are not interchangeable, the new parts should be used for all replacements.

Piece numbers are as follows:-

| <u>Displaced</u> |                                          | <u>New</u> |
|------------------|------------------------------------------|------------|
| UR.13451         | Assembly Brake Pedal Lever               | UR.14973   |
| UR.14590         | Assembly Upper Distribution Valve        | UR.14982   |
| UR.13839         | Assembly Body - Upper Distribution Valve | UR.14983   |
| UR.13496         | Body - Upper Distribution Valve          | UR.14981   |
|                  | Distance Tube - On Stop                  | UR.14972   |
| UR.13503         | Assembly Bracket and Rubber Buffer       | UR.14980   |
| UA.1501/Z        | Bolt, Stop Bracket to Side Plate         | XC.153/Z   |
|                  | Nut - Off Stop Bracket                   | X.4006     |
|                  | Setscrew - Off Stop                      | XC.197     |
|                  | Washer - Stop Bracket to Side Plate      | X.4404/Z   |

(1) Re-issued to amend text.

**BRAKES****BENTLEY 'T' : SILVER SHADOW**

There is some doubt about the quantity of pad kits required for servicing the brakes on the above cars.

The quantity of pads in each kit is as follows.

|            |                      |                                      |
|------------|----------------------|--------------------------------------|
| Front      | UG.12825 or UG.12431 | 4 pads in each kit<br>2 kits per car |
| Rear       | UG.12323 or UG.12430 | 4 pads in each kit<br>1 kit per car  |
| Hand brake | CD.4081              | 4 pads in each kit<br>1 kit per car  |

Re-issued to amend quantity.

HAND BRAKEBENTLEY 'T': SILVER SHADOW

In order to improve the performance of the hand brake, modifications have been made to the operating mechanism.

The stroke of the handle has been increased which has necessitated the introduction of a new housing tube and operating rod. To offset the increase of stroke within the car, a shortened pawl mechanism housing and shorter handle have been introduced.

Re-designed upper and lower pivot brackets provide the support for the intermediate levers, (J.3. ref. no. 6 etc.) which are now cranked to increase their mechanical advantage.

A link, attached to the equaliser lever pivot and a bracket bolted to the floor panel, provide the anchorage points for the front pull-off spring. To accommodate the bolts, the floor panel has been modified by drilling additional holes.

The cable abutment brackets which are welded to the rear spring seats have been re-positioned and this, together with modified bellcrank levers accommodates the increased movement of the rear cables.

Piece numbers are as follows:-

| <u>Displaced</u> |                               | <u>New</u> |
|------------------|-------------------------------|------------|
| UG.1839          | Assy. Cover - Hand Brake      | UG.12572   |
| UG.1871          | Assy. Roller Carrier          | UG.12574   |
| UG.12101         | Assy. Cover Tube              | UG.12576   |
|                  | Distance Tube                 | UG.12578   |
| UG.12099         | Assy. Handle                  | UG.12582   |
| UG.1820          | Stop Plate                    | UG.12581   |
|                  | Bolt - Pivot Brackets         | UG.12583   |
|                  | Assy. Upper Lever (R.H. Cars) | UG.12612   |

Continued...

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| <u>Displaced</u> |                                                                | <u>New</u> |
|------------------|----------------------------------------------------------------|------------|
| UG.12185         | Assy. Upper Lever (L.H. Cars)                                  | UG.12613   |
| UG.12100         | Assy. Lower Lever (R.H. Cars)                                  | UG.12610   |
| UG.12100         | Assy. Lower Lever (L.H. Cars)                                  | UG.12611   |
| UG.12090         | Assy. Equalising Lever                                         | UG.12588   |
| UG.12104         | Upper Pivot Bracket (L.H. Cars)                                | UG.12603   |
| UG.12105         | Upper Pivot Bracket (R.H. Cars)                                | UG.12602   |
| UG.12189         | Operating Lever                                                | UG.12609   |
|                  | Bracket                                                        | UG.12605   |
|                  | Anchor Bracket                                                 | UG.12608   |
| UG.12527         | Link - Return Spring                                           | UG.12604   |
|                  | Distance Piece                                                 | UG.12606   |
|                  | Distance Piece - Pivot Bracket                                 | UG.12614   |
|                  | Bottom Pivot Bracket                                           | UG.12596   |
| UR.14873         | Assy. Trailing Arm & Bush. L.H.<br>(Park Ward Drop Head Coupe) | UR.15061   |
| UR.14872         | Assy. Trailing Arm & Bush R.H.<br>(Park Ward Drop Head Coupe)  | UR.15062   |
| UR.14418         | Assy. Trailing Arm & Bush. L.H.                                | UR.15065   |
| UR.14417         | Assy. Trailing Arm & Bush.R.H.                                 | UR.15066   |

The following additional standard parts will also be required:-

|           |                                |
|-----------|--------------------------------|
| XC.153/Z  | Bolt - Spring Anchor Bracket   |
| UA.6101/Z | Washer - Spring Anchor Bracket |
| X.4006/Z  | Nut - Spring Anchor Bracket    |
| UA.102/Z  | Bolt - Bottom Pivot Bracket    |
| UA.1251/Z | Washer - Pivots                |
| UA.301/Z  | Nut - Pivots                   |
| UA.104/Z  | Bolt - Pivots                  |
| UA.108/Z  | Bolt - Equaliser Lever         |

The only parts which are interchangeable are the stop plate and roller carrier. When stocks are used up these can be used for all replacements on all 'S' Series cars.

HANDBRAKE

BENTLEY 'T' : SILVER SHADOW

The following are the chassis numbers to which this modification has been fitted:-

Standard Saloon : - Chassi SBH 2138 and onwards

Coachbuilt: - Chassi CRH.2126, CBH.215 and onwards

BRAKESBENTLEY 'T' : SILVER SHADOW

The method of securing the Upper and Lower Distribution Valves to their mounting plates has been changed.

Special bolts, threaded at the head end only, secure the mounting plate to the valve body; the valve body being tapped on one side only. The bolts are retained by tab washers; location holes for the tab washers are drilled through the mounting plate. The special bolts pass through the valve body and are a fine clearance fit in the mounting plate on the other side of the valve body.

Parts are not interchangeable.

Piece numbers are as follows:-

DISPLACEDNEW

|            |                                                       |          |
|------------|-------------------------------------------------------|----------|
| UR.14589   | Assy. lower distribution valve                        | UR.15083 |
| UR.13840   | Assy. body - Lower distribution valve                 | UR.15084 |
| UR.13495   | Valve body - Lower distribution valve                 | UR.15082 |
| UR.14982   | Assy. Upper distribution valve                        | UR.15086 |
| UR.14983   | Assy. body - Upper distribution valve                 | UR. 5087 |
| UR.14981   | Valve body - Upper distribution valve                 | UR.15085 |
| UR.13490   | Mounting plate - Power brakes                         |          |
|            | Mounting plate - R.H. - Power brakes                  | UR.15088 |
|            | Mounting plate - L.H. - Power brakes                  | UR.15089 |
| UE.5216    | Special bolt - Distribution valve to mounting plates  |          |
| UA.401/Z   | Slotted nut - Special bolt                            |          |
| UA.10011/Z | Split pin - Special bolt                              |          |
|            | Special bolts - Distribution valve to mounting plates | UR.15090 |

HYDRAULIC SYSTEMBENTLEY 'T' : SILVER SHADOW

Changes in the hydraulic system have necessitated re-routing some of the brake pipes. In consequence the colour code of the affected pipes has been changed and new piece number allocated.

In effect the smaller of the two rear wheel cylinders is now actuated by the master cylinder and the larger one by the lower distribution valve; a reversal of the present system.

Details of the affected pipes and their application are as follows:-

| <u>Displaced No.</u> | <u>Colour Code</u> | <u>Application</u>                                 | <u>New No.</u> | <u>Colour Code</u> |
|----------------------|--------------------|----------------------------------------------------|----------------|--------------------|
| UR.14742             | Green              | Pipe-Hose to R.H. Caliper-Upper                    | UR.15318       | Blue               |
| UR.14743             | Green              | Pipe-Hose to L.H. Caliper-Upper                    | UR.15319       | Blue               |
| UR.14620             | Green              | Pipe-Outer 3 way to Hose-Outer Bracket (R.H. cars) | UR.15330       | Blue               |
| UR.14266             | Green              | Pipe-2 way to 2 x 2 way (R.H. cars)                | UR.15339       | Blue               |
| UR.14272             | Green              | Pipe-2 x 2 way to outer 3 way (R.H. cars)          | UR.15340       | Blue               |
| UR.14356             | Green              | Pipe-M/Cyl. to 'G' Conscious Valve                 |                |                    |
|                      | ...                | Pipe-3 way to 'G' Conscious Valve (R.H. cars)      | UR.15342       | Blue               |
| UR.14357             | Green              | Pipe-'G' Conscious Valve to 2 way                  | UR.15343       | Blue               |
| UR.14624             | Blue               | Pipe-Hose to R.H. Caliper-Lower                    | UR.15328       | Green              |
| UR.14625             | Blue               | Pipe-Hose to L.H. Caliper-Lower                    | UR.15329       | Green              |
| UR.14255             | Blue               | Pipe-3 way to 2 x 2 way (R.H. cars)                |                |                    |

Continued...



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| <u>Displaced No.</u> | <u>Colour Code</u> | <u>Application</u>                                     | <u>New No.</u> | <u>Colour Code</u> |
|----------------------|--------------------|--------------------------------------------------------|----------------|--------------------|
|                      |                    | Pipe-M/Cyl to 2 x 2 way (R.H. cars)                    | UR.15338       | Green              |
| UR.14621             | Blue               | Pipe-Inner 3 way to Hose-<br>Inner Bracket (R.H. cars) | UR.15331       | Green              |
| UR.14273             | Blue               | Pipe-2 x 2 way to inner 3<br>way (R.H. cars)           | UR.1 341       | Green              |
| UR.14444             | Green              | Pipe-Outer 3 way to hose<br>(L.H. cars)                | UR.15332       | Blue               |
| UR.14285             | Green              | Pipe-2 way to 5 x 2 way<br>(L.H. cars)                 | UR.15345       | Blue               |
|                      |                    | Pipe-'G' Conscious Valve to<br>7 x 2 way (L.H. cars)   | UR.15347       | Blue               |
| UR.14341             | Green              | Pipe-5 x 2 way to Outer 3 way<br>(L.H. cars)           | UR.15348       | Blue               |
| UR.14445             | Blue               | Pipe-Inner 3 way to Hose<br>(L.H. cars)                | UR.15333       | Green              |
| UR.14284             | Blue               | Pipe-7 x 2 way to 5 x 2 way<br>(L.H. cars)             |                |                    |
|                      |                    | Pipe-2 way to 5 x 2 way<br>(L.H. cars)                 | UR.15344       | Green              |
|                      |                    | Pipe-M/Cyl. to 2 way (L.H.<br>car)                     | UR.15346       | Green              |
| UR.14342             | Blue               | Pipe-5 x 2 way to Inner 3<br>way (L.H. cars)           | UR.15349       | Green              |
| UR.14455             | Green              | Pipe-2 way to 2 x 2 way<br>(R.H. L.W.B. cars)          | UR.15351       | Blue               |
| UR.14454             | Blue               | Pipe-3 way to 2 x 2 way<br>(R.H. L.W.B. cars)          |                |                    |
|                      |                    | Pipe-M/Cyl. to 2 x 2 way<br>(R.H. L.W.B. cars)         | UR.15350       | Green              |
| UR.14812             | Green              | Pipe-2 way to 5 x 2 way<br>(L.H. L.W.B. cars)          | UR.15353       | Blue               |
| UR.14811             | Blue               | Pipe-7 x 2 way to 5 x 2 way<br>(L.H. L.W.B. cars)      |                |                    |
|                      |                    | Pipe-2 way to 5 x 2 way<br>(L.H. L.W.B. cars)          | UR.15352       | Green              |

Further details are given on Service Bulletin SY/G8.

BRAKESBENTLEY 'T' : SILVER SHADOW

Minor modifications have been made to the Rear Brake Calipers (Spares Schedule Sheet J.8, Items 1 and 4) and new piece numbers have been allocated.

In effect, the inner and outer clamping levers, which formerly were individual items, have been made into assemblies. Spring pins are used to attach the assemblies to the pivot pins, replacing the split pins that were formerly fitted. Holes have been provided in the pivot pins to accommodate the spring pins. In addition, anti-rattle springs and a clutch ring to assist the handbrake automatic adjustment, are included in the new caliper assemblies.

In the interests of economy, the new parts will be supplied for all replacements when existing stocks have been used up, however it will be necessary to fit new pivot and spring pins when replacing early type clamping levers with the new parts.

Piece numbers are as follows:-

| <u>DISPLACED</u> |                              | <u>NEW</u> |
|------------------|------------------------------|------------|
| UG.12525         | Ass: Caliper - R.H. (Ferodo) | UG.12666   |
| UG.12526         | Ass: Caliper - L.H. (Ferodo) | UG.12667   |
| UG.12528         | Ass: Caliper - R.H. (Mintex) | UG.12668   |
| UG.12529         | Ass: Caliper - L.H. (Mintex) | UG.12669   |
| CD. 4089         | Pivot Pin - Clamping Lever   | CD. 5042   |
| CD. 4086         | Clamping Lever - Outer       |            |
| CD. 4087         | Clamping Lever - Inner L.H.  |            |
| CD. 4088         | Clamping Lever - Inner R.H.  |            |
|                  | Ass Clamping Lever - Outer   | CD. 5041   |
|                  | Ass Clamping Lever - Inner   | CD. 5040   |
|                  | Spring Pin                   | CD. 5043   |

BRAKES

BENTLEY 'T' : SILVER SHADOW

The following are the chassis numbers to which this modification has been fitted:-

Standard Saloons RH. Drive:- chassis SRH. 2890 and onwards.  
Standard Saloons LH. Drive:- chassis SRX. 2969 and onwards.  
Coachbuilt Cars:- chassis CBH. 2995 and onwards.

HYDRAULIC SYSTEMBENTLEY 'T' : SILVER SHADOW

Rubber boots are now being fitted, to the front height control linkage ball joints, in order to protect them from corrosive elements on the roads.

Boots are already fitted on the rear height control linkage and the same parts have been used wherever possible; these are the ball jointbody, the ball joint thrust pad, and the rubber boot.

None of the parts are interchangeable.

Piece numbers are as follows:-

| <u>DISPLACED</u> |                                    | <u>NEW</u> |
|------------------|------------------------------------|------------|
| UR. 14111        | Assy Operating Lever - front H.C.V | UR. 14792  |
| UR. 13424        | Assy Operating Lever - Lower       | UR. 14795  |
| UE. 32225        | Body - Ball Joint                  | UR. 13865  |
| RE. 16134        | Adjusting Screw - Ball Joint       | UR. 14794  |
| RE. 3520         | Bolt - Ball Joint                  |            |
| RE. 3667         | Nut - Ball Joint                   |            |
| UR. 14110        | Operating Rod - Front H.C.V        | UR. 12215  |
|                  | Pad - Ball Joint                   | UR. 13866  |
|                  | Dust Cover - Ball Joint            | UR. 13869  |

The following standard parts will also be required:-

UA. 351/Z - Nut  
X. 4307/Z - Nut

HYDRAULIC SYSTEM

BENTLEY 'T' : SILVER SHADOW

The following are the chassis numbers to which this modification has been fitted:-

Standard Saloons : chassis SRH. 3123 and onwards.

HYDRAULIC SYSTEMBENTLEY 'T' : SILVER SHADOW

The revised seal arrangement in the front and rear height control rams, (Information Sheets 4.E.6. and 4.F.5.) have made it possible to re-route some of the hydraulic pipes and delete two unnecessary 4-way connectors and five blanking plugs. All the new pipes have been increased in length and are not interchangeable.

Piece numbers of the affected parts are as follows:-

| <u>DISPLACED</u> |                                                         | <u>NEW</u> |
|------------------|---------------------------------------------------------|------------|
| UR.14229         | Pipe - Roll Restrictor Valve to 4-way - Return          | UR.15356   |
| UR.14234         | Pipe - 4-way to 4-way - Return                          |            |
|                  | Pipe - 3-way to Flexible - Front Level Return. RH. Cars | UR.15335   |
| UR.14244         | Pipe - 4-way to Flexible - Front Level Return. LH. Cars | UR.15334   |
| UR.14274         | Pipe - 3 x 2 way to 4-way - Rear Level Return           |            |
|                  | Pipe - 3 x 2 way to Flexible-Return RH. Cars)           | UR.15336   |
|                  | Pipe - 5 x 2 way to Flexible-Return LH. Cars)           |            |
| UR.14291         | Pipe - 4-way to Flexible-Rear Level Return              |            |
| UR.12790         | Blanking Plug                                           |            |
| UR.14316         | 4-way Connector (2 off)                                 |            |
| UR.14213         | Ass: Bracket-Connector (2 off)                          |            |

The following are the chassis numbers to which above modification has been fitted:-

|                       |                                            |
|-----------------------|--------------------------------------------|
| Std. Saloons:-        | Chassis SRH.28 onwards                     |
| Coachbuilt Cars:-     | Chassis CRH.294 and onwards less CRX 3008. |
| Long Wheelbase Cars:- | Chassis 2719 onwards                       |

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

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4.K.25.

Issue 2

HANDBRAKEBENTLEY 'T' : SILVER SHADOW

Since information sheet 4.K.11 was issued, the efficiency of the handbrake has been further improved by modification to the caliper connecting links and operating levers.

The connecting links are now produced from a heavier gauge material and the distance between the hole centres has been increased. The hole centres in the operating levers have been modified to suit. Longer clevis pins and crinkle washers are used to accommodate the increased thickness of the connecting links.

Parts are not interchangeable unless the complete modification is fitted.

Piece numbers are as follows:-

| <u>DISPLACED</u> |                                          | <u>NEW</u> |
|------------------|------------------------------------------|------------|
| UG.12186         | Link - Caliper - R.H.                    | UG.12756   |
| UG.12187         | Link - Caliper - L.H.                    | UG.12757   |
| UG.12609         | Operating Lever - Handbrake              | UG.12755   |
| X.6605/Z         | Pin - Clevis                             | X.6607/Z   |
|                  | Crinkle Washer - Links - Operating Lever | UG.12809   |

The displaced part X.6605/Z is still used to connect the handbrake cable to the operating lever.

The following are the chassis numbers to which this modification has been fitted:-

|                  |                                |
|------------------|--------------------------------|
| Standard Saloons | Chassis SRX.3264 and onwards   |
| Coachbuilt Cars  | : Chassis CRH.3401 and onwards |

(1) Re-issued to amend typescript.

BRAKE ACTUATION MECHANISMBENTLEY 'T' : SILVER SHADOW

Production cars are not fitted with the fulcrum pin retaining clips referred to in Service Bulletin SY/G15.

Instead two retaining plates which span both pins are used. The washers (Spares Schedule Sheet J.5/2, Item 26) are dispensed with.

Piece numbers are as follows:-

DISPLACEDNEW

UR.8295

Washer - Pins - Balance Lever

Retaining Plate - Pins - Balance Lever

UR.15801



BRAKE ACTUATION MECHANISMBENTLEY 'T' : SILVER SHADOW

Production cars are not fitted with the fulcrum pin retaining clips referred to in Service Bulletin SY/G.15.

Instead, modifications have been made to the pivot pins and links; the pins of the master cylinder and inner levers links are now secured by collars and split pins. A new pin with stepped diameters is fitted in the balance lever, axial restraint for it being provided by the retaining plates referred to in Information Sheet 4.K.29.

Parts are not interchangeable and piece numbers are as follows:-

| <u>DISPLACED</u> |                                               | <u>NEW</u> |
|------------------|-----------------------------------------------|------------|
| UR.8301          | Assembly Balance Lever                        | UR.15815   |
|                  | Pin - Balance Lever                           | UR.15817   |
| UR.13166         | Assembly Link - Master Cylinder               |            |
|                  | Link - Adjusting - Master Cylinder            | UR.15818   |
| UR.13508         | Assembly Link - Lever Inner - Master Cylinder |            |
|                  | Link - Lever Inner - Master Cylinder          | UR.15819   |
|                  | Pin - Links                                   | UR.15820   |
|                  | Collar - Links                                | XB.1179/Z  |
|                  | Split Pin                                     | UA.10011/Z |

The following are the chassis numbers to which this modification has been fitted:-

Standard Saloons - Chassis SRJ1.4084 and onwards  
Coachbuilt Cars - Chassis CBH.4066 and onwards

BRAKE PUMPSBENTLEY 'T' : SILVER SHADOW

The method of connecting the feed pipe to the brake pump has been changed from an olive and nut to a flared end and nut.

Both types of pump will be supplied for replacements and because of this, it may be necessary to take one of two courses. Either the feed pipe can be changed, or alternatively the barrel of the pump can be changed.

One of four pipes could be required and it is considered uneconomical to supply pipes with every pump.

Distributors should hold stocks of each pipe, or failing this, request the appropriate one when ordering a pump.

Piece numbers are as follows:-

| <u>DISPLACED</u> |                                                                                               | <u>NEW</u> |
|------------------|-----------------------------------------------------------------------------------------------|------------|
| UE.34327         | Assy. Brake Pump                                                                              | UE.35167   |
| UR.14215         | Pipe - Flexible Hose to Front Pump                                                            | UR.15776   |
| UR.14784         | Pipe - Flexible Hose to Front Pump<br>(Refrigerated cars with Saginaw<br>Steering Pump)       | UR.15778   |
| UR.14457         | Pipe - Flexible Hose to Front Pump<br>(Refrigerated cars with Hobourn-Eaton<br>Steering Pump) | RH.8117    |
| UR.14216         | Pipe - Flexible Hose to Rear Pump                                                             | UR.15777   |

The following are the chassis numbers to which this modification has been fitted.

|                  |   |                               |
|------------------|---|-------------------------------|
| Standard Saloons | - | Chassis SRH.3622 and onwards. |
| Coachbuilt Cars  | - | Chassis CRX.3700 and onwards. |

HANDBRAKEBENTLEY 'T' : SILVER SHADOW

Since Information sheets 4.K.11 and 4.K.25 were issued, still further modifications have been made to the operating mechanism.

The outer cover has been deleted from the front cable and additional pulleys, one of which is protected by dirt excluders, provide guides for it. In order to reduce friction, both front and rear cables have been re-routed, in rear cable abutment bracket, (Spares schedule sheet J3/1. Item 45), having been modified and re-positioned to accommodate the revised run; and an additional pivot is included in the equalising linkage.

The operating lever return torsion coil springs, have been replaced by standard coil springs, which are mounted on brackets bolted to the operating lever support brackets. A linkage system, bolted on to the operating levers, compresses the springs. This has necessitated modifications to the support brackets and operating levers and an increase in the hole centres of the connecting links.

Brackets, welded on the trailing arms, provide anchorage points for the rear cable securing clips and to prevent squawks, nylon sleeves are fitted to the cables, where they pass through the clips and body members.

The upper and lower levers and upper pivot bracket, at present fitted on right-hand cars only, are now made common on all cars. This has been made possible by re-positioning the existing guide pulleys on left-hand drive cars.

This modification cannot be fitted to existing cars.

Piece numbers are as follows:-

| <u>DISPLACED</u> |                                                             | <u>NEW</u> |
|------------------|-------------------------------------------------------------|------------|
| UG 12340         | Assembly front cable - R.H. Cars                            | UG 12789 * |
| UG 12341         | Assembly front cable - L.H. Cars                            | UG 12788 * |
|                  | Dirt excluder - 4th pulley - Upper                          | UG 12803   |
|                  | Dirt excluder - 4th pulley - Lower                          | UG 12804   |
|                  | Mounting bracket - 2nd pulley - L.H. Cars                   | UG 12768   |
|                  | Assembly mounting bracket - 3rd pulley<br>(R.H. drive-cars) | UG 12762   |
|                  | Assembly mounting bracket - 3rd pulley<br>(L.H. drive-cars) | UG 12765   |
|                  | Support bracket - 4th pulley                                | UG 12882   |
|                  | Saddle washer - Support bracket - 4th pulley                | UG 12793   |

Continued...

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DISPLACEDNEW

|          |                                                    |          |   |
|----------|----------------------------------------------------|----------|---|
|          | Spacer nut - Support bracket - 4th pulley          | UG 12794 |   |
|          | Assembly equalising link                           | UG 12808 |   |
| UG 12605 | Bracket - link                                     | UG 12802 |   |
| UG 12588 | Assembly equaliser lever                           |          |   |
|          | Equaliser lever                                    | UG 12812 |   |
|          | Spacer - Equaliser lever                           | UG 12811 |   |
| UG 12578 | Distance tube - Equaliser lever                    | UG 12810 |   |
| UG 12194 | Assembly rear cable (standard saloons)             | UG 12777 | * |
| UG 12533 | Assembly rear cable - (L.W.B. cars)                | UG 12829 | * |
| UG 12193 | Abutment bracket - Rear cables                     | UG 12782 |   |
| UG 12190 | Clip - cables - Abutment bracket                   | UG 12783 |   |
|          | Clip - Intermediate - Rear cable L.H.              | UG 12769 |   |
|          | Clip - Intermediate - Rear cable R.H.              | UG 12770 |   |
|          | Clip - Rear - Rear cable                           | UG 12772 |   |
|          | Clip - Rear Cable - L.H. front                     | UG 12771 |   |
| UG 12755 | Operating lever                                    | UG 12774 |   |
|          | Strip - Operating lever                            | UG 12849 |   |
|          | Guide rod - Spring - Operating lever               | UG 12776 |   |
|          | Tube - Anti-squawk                                 | UG 12786 |   |
|          | Spring - Guide rod                                 | UG 12778 |   |
| UG 12756 | Link - Caliper - R.H.                              | UG 12838 |   |
| UG 12757 | Link - Caliper - L.H.                              | UG 12837 |   |
|          | Abutment bracket - Spring - R.H.                   | UG 12779 |   |
|          | Abutment bracket - Spring - L.H.                   | UG 12780 |   |
| UR 15066 | Assembly trailing arm - R.H.                       | UR 15700 |   |
| UR 15065 | Assembly trailing arm - L.H.                       | UR 15701 |   |
| UR 15062 | Assembly trailing arm - R.H.<br>(Drop Head Coupes) | UR 15704 |   |
| UR 15061 | Assembly trailing arm - L.H.<br>(Drop Head Coupes) | UR 15705 |   |
| UG 12188 | Support bracket - Operating lever                  | UG 12840 |   |
|          | Washer-Support bracket-Operating lever             | UG 12839 |   |

The following parts will also be required:-

|            |              |
|------------|--------------|
| XC 174/Z   | Setscrew     |
| UA 11405/Z | Nut          |
| X 6408/Z   | Clevis pin   |
| UE 8468    | Washer       |
| UA 6102/Z  | Heavy washer |
| UA 112/Z   | Bolt         |
| UA 109/Z   | Bolt         |
| UA 1253/Z  | Washer       |

Parts marked \* are items on the retailers recommended stock list.

4.K.35.

HYDRAULIC SYSTEM

BENTLEY 'T' & SILVER SHADOW

Kits are now available for the repair of various hydraulic units fitted to this car.

They are as follows:-

|         |                                       |
|---------|---------------------------------------|
| RH 2435 | Seal Kit - Accumulator Valve          |
| RH 2436 | Seal Kit - Rear Height Control Valve  |
| RH 2437 | Seal Kit - Front Height Control Valve |
| RH 2438 | Seal Kit - Brake Pump                 |
| RH 2439 | Seal Kit - Roll Restrictor            |
| RH 2440 | Seal Kit - Front and Rear Rams        |

BRAKE PUMPSBENTLEY 'T' : SILVER SHADOW

Some detail changes have been made to the housing and non-return valve sealing ring (Spares Schedule Sheet J1 Items 3 and 18) and the part numbers have been changed. Because it includes both of these parts the piece number of the pump assembly has also been changed.

When existing stocks have been used up, the new parts will be supplied for all replacements.

Before fitting a new pump it is essential that reference be made to Spares Information Sheet 4.K.31.

Piece numbers are as follows:-

DISPLACEDNEW

|          |                                |          |
|----------|--------------------------------|----------|
| UE 35167 | Brake pump assembly            | UE 35319 |
| UE 34324 | Brake pump housing             | UE 35310 |
| UE 34325 | Sealing ring, non-return valve | UE 35311 |

HAND BRAKEBENTLEY 'T' : SILVER SHADOW

Since Information Sheet 4.K.34. was issued, further changes have been made to the operating mechanism.

The front cable has been re-routed and outer covers have again been fitted; the pulleys which acted as cable guides have been deleted; because of this, handed upper and lower levers and upper pivot brackets are again required for left and right-hand cars.

This has necessitated the re-introduction of several components which were deleted when the modification described in Information Sheet 4.K.34. was introduced.

Piece numbers of the affected parts are as follows:-

DISPLACEDNEW

|          |                                                       |          |
|----------|-------------------------------------------------------|----------|
| -        | Conduit - Abutment - Hand brake                       | UG.12986 |
| UG.12788 | Assembly Front Cable (L.H. cars)                      | UG.12987 |
| UG.12789 | Assembly Front Cable (R.H. cars)                      | UG.12988 |
| UG.12768 | Mounting Bracket - Second Pulley (L.H. cars)          | UG.12400 |
| UG.12762 | Assembly Mounting Bracket - 3rd Pulley<br>(R.H. cars) |          |
| UG.12765 | Assembly Mounting Bracket - 3rd Pulley<br>(L.H. cars) |          |
| UG.12882 | Support Bracket - 4th Pulley                          |          |
| UG.12793 | Saddle Washer - Support Bracket - 4th Pulley          |          |
| UG.12794 | Spacer Nut - Support Bracket - 4th Pulley             |          |
| UG.12803 | Dirt Excluder - 4th Pulley - Upper                    |          |
| UG.12804 | Dirt Excluder - 4th Pulley - Lower                    |          |

The following previously deleted parts will again be required:-

|                                             |          |
|---------------------------------------------|----------|
| Assembly Lower Lever (L.H. cars)            | UG.12611 |
| Assembly Upper Lever (L.H. cars)            | UG.12613 |
| Upper Pivot Bracket (L.H. cars)             | UG.12603 |
| Shield - Cable and Abutment (L.H. cars)     | UG.12401 |
| Sleeve - Front Cable Protection (L.H. cars) | UG.12422 |
| Distance Piece                              | UG.12240 |
| Bracket - Conduit - Abutment (R.H. cars)    | UG.12298 |

Continued...

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The following parts will also be required:-

|           |          |           |          |
|-----------|----------|-----------|----------|
| UA 1552/Z | Bolt     | UA 1251/Z | Washer   |
| X 4006/Z  | Nut      | UA 103/Z  | Setscrew |
| RE 12174  | Clip     | UA 107/Z  | Bolt     |
| XC 153/Z  | Setscrew | UA 108/Z  | Bolt     |

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

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HAND BRAKE

BENTLEY 'T' : SILVER SHADOW

The following are the car numbers to which this modification has been fitted:-

Standard Saloons - Car Serial Number SRH.4469 and onwards.

Coachbuilt Cars - Car Serial Number CRH.5079 and onwards.

Special U.S.A. Saloons - Car Serial Number SRX.6405 and onwards.

Special U.S.A. Coachbuilt Cars - Car Serial Number CBX.6445 and onwards.

4.K.40.  
(Issue 2)BRAKE PUMPSBENTLEY 'T' : SILVER SHADOW

Changes in the method of manufacture of some of the component parts of the brake pumps have been made.

Parts affected are the pump housing, the subject of a previous change (Spares Information Sheet 4.K.36.), the valve and seat in the non return valve assembly, the fluid inlet valve and the outlet pipe adaptor (Spares Schedule Sheet J.1, Items 11, 12, 13 and 21).

The only interchangeable parts are the complete pump assembly and the pipe adaptor, however, in the interest of commonisation, it has been decided to use the new housing for spares purposes. Housings can be identified by counting the annular holes, the new housing having six holes on the top row and two on the bottom. The early housing had ten holes on the top row and five on the bottom.

In order to fit the new housing to an early pump, a special distance washer, piece number RH.8221, is required, to be fitted below the chamfered sealing ring.

When ordering a new pump housing as a replacement for an early type housing, the special washer must also be requested.

Piece numbers of the affected parts are as follows:

| <u>DISPLACED</u> |                            | <u>NEW</u> |
|------------------|----------------------------|------------|
| UE.35319         | Brake Pump Assembly        | UE.35486   |
| UE.35310         | Housing - Brake Pump       | UE.35113   |
| UE.31533         | Non Return Valve Assembly  | UE.35488   |
| UE.7035          | Non Return Valve           | UE.35114   |
| UE.30215         | Seating - Non Return Valve | UE.35115   |
| UE.9491          | Inlet Valve                | UE.35116   |
| UE.31038         | Adaptor - Brake Pump       | UE.35490   |

The following are the car serial numbers to which this modification has been fitted:-

|                     |    |                                          |
|---------------------|----|------------------------------------------|
| Standard Saloons    | :- | SRH.5198, SBH.5199, SBX.6564 and onwards |
| Coachbuilt Cars     | :- | CRX.6555, CRH.6594, CBX.6558 and onwards |
| Long Wheelbase Cars | :- | LRX.6599 and onwards.                    |

Re-issued to amend typescript.

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

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4, K, 10,  
(Issue 2)

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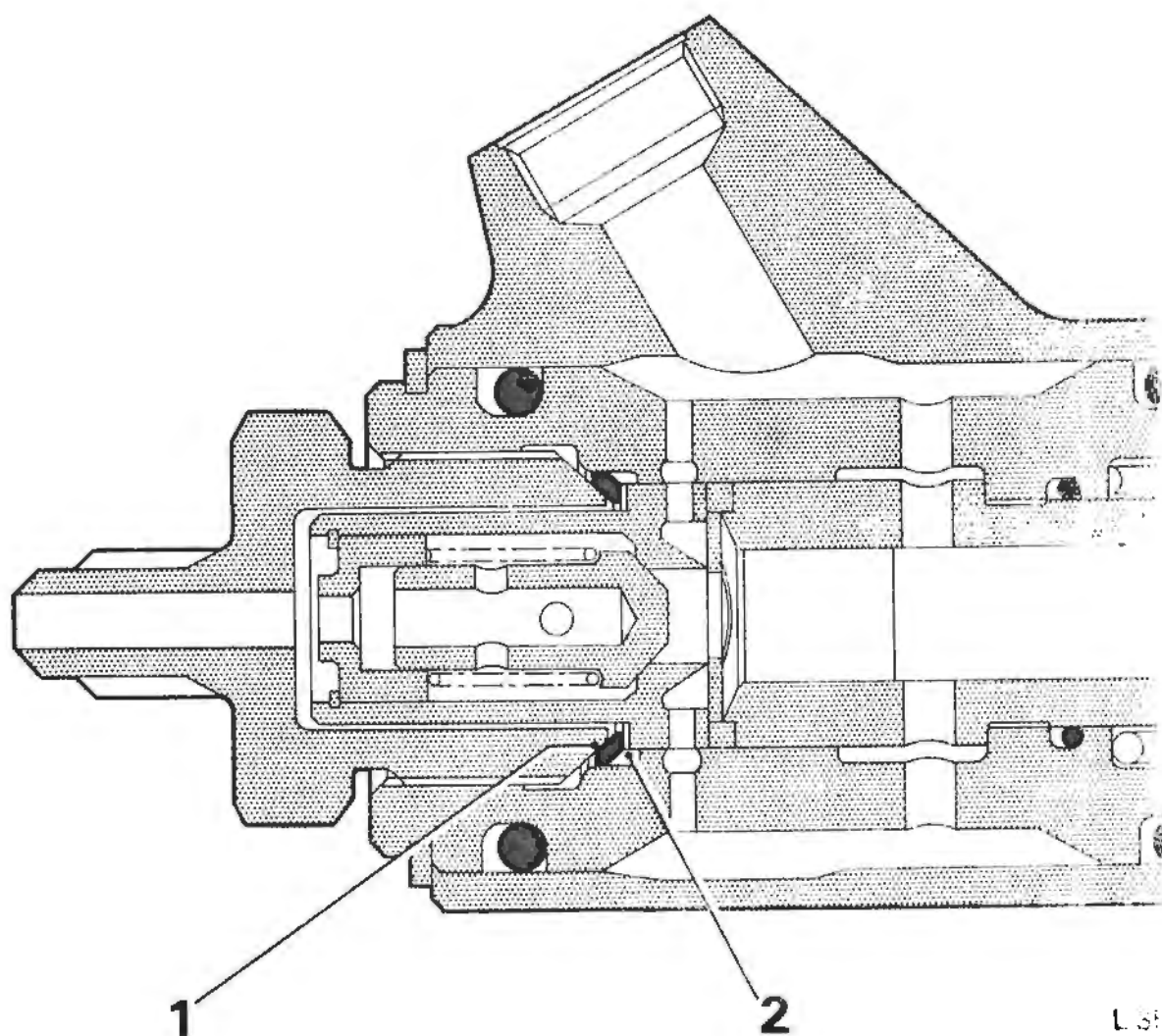


**Fig.1 Brake pump - sectional view**

- 1 Sealing ring
- 2 Washer RH 8221

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

4.K.44.  
(issue 2).BRAKE PUMPSBENTLEY 'T' : SILVER SHADOW

Reference Spares Information Sheet 4.K.31., still further alterations have been made to the method of connecting the feed pipe to the brake pump adaptor. The system now adopted is similar to the one already used on the fridge pipes. An 'O' ring, positioned on the end of the pipe by an annular ridge, seats in a special groove in the adaptor.

None of the parts concerned are interchangeable except in complete sets and all will continue to be supplied for spares.

Piece numbers are as follows:

DISPLACEDNEW

|          |                                    |          |
|----------|------------------------------------|----------|
| UR.15776 | Pipe - Flexible hose to front pump | UR.16030 |
| UR.15778 | Pipe - Flexible hose to front pump | UR.16032 |
| UR.15777 | Pipe - Flexible hose to rear pump  | UR.16031 |
| UE.35486 | Brake Pump                         | UR.35623 |
| UE.35160 | Adaptor                            | UE.35615 |
|          | 'O' Ring - Adaptor                 | UE.35616 |

The following are the car numbers to which this modification has been fitted:-

|                     |    |                                          |
|---------------------|----|------------------------------------------|
| Standard Saloons    | :- | SRH.5474 and onwards                     |
| Special Saloons     | :- | SRX.6641, SRX.6642, SRX.6650 and onwards |
| Coachbuilt Cars     | :- | CRH.6657 and onwards                     |
| Drophead Coupes     | :- | DRX.6660 and onwards                     |
| Long Wheelbase Cars | :- | LRX.6713 and onwards                     |

- (1) Re-issued to amend piece number of Brake Pump.

4.K.45.

BRAKESBENTLEY 'T' : SILVER SHADOW

A rubber 'On stop' is now being fitted to production cars, replacing the metal one that has formerly been fitted.

The new 'On stop' is mounted on a support bracket, which is bolted to the side plates of the distribution valve linkage. To prevent any movement of the 'On stop', a locking plate has been introduced. Hammer drive screws are used to attach the locking plate to the support bracket.

Parts are not interchangeable, unless the complete modification is fitted.

Piece numbers are as follows:-

DISPLACEDNEW

|            |                                            |          |
|------------|--------------------------------------------|----------|
| UR.14972   | Distance Piece - 'On Stop' - Side Plates   |          |
| UR.14677   | Bolt - Side Plates                         |          |
| UA.401/Z   | Nut - Slotted - Side Plates                |          |
| UA.10011/Z | Split Pin - Bolt - Side Plates             |          |
|            | Support Bracket - 'On Stop'                | UR.15891 |
|            | Nut - .250" dia. (6,35 mm.) - Self Locking | UR.16126 |
|            | Locking Plate                              | UR.16124 |
|            | 'On Stop' - Rubber - Master Cylinder       | UR.15895 |
|            | Nut - 2 BA - Self Locking                  | UR.16125 |

The following existing parts will also be required:-

|          |             |
|----------|-------------|
| UA.104/Z | Bolt        |
| CC.904   | Drive Screw |

With the exception of UR.14972, the displaced parts are still required in their other applications.

Continued...

4.K.45.

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The following are the car numbers to which this modification has been fitted:-

|                     |   |                                              |
|---------------------|---|----------------------------------------------|
| Standard Saloons    | - | SRH.7027 and onwards plus SBH.7001, SRX.7029 |
| Coachbuilt Cars     | - | DRH.7060 and onwards plus DRX.7018.          |
| Long Wheelbase Cars | - | LRX.6961 and onwards.                        |

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

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4.K.46.

HYDRAULIC SYSTEMBENTLEY 'T' : SILVER SHADOW

The remote bleed points of both left and right-hand rear height control rams are now incorporated in a single connector, replacing the individual connectors that have formerly been used. This has been achieved by re-routing the connecting pipes.

At the same time, the ram feed pipes, on long wheelbase cars only, have also been re-routed to avoid a foul with the boot air conditioning unit.

Parts are not interchangeable unless the complete modification is fitted.

Piece numbers are as follows:-

| <u>DISPLACED</u> |                                                      | <u>NEW</u> |
|------------------|------------------------------------------------------|------------|
| UR.14338         | Pipe - L.H. Ram - Remote Bleed<br>(Standard Saloons) | UR.14814   |
| UR.14338         | Pipe - L.H. Ram - Remote Bleed<br>(L.W.B. cars)      | UR.14816   |
| UR.14340         | Pipe - R.H. Ram - Remote Bleed<br>(Standard Saloons) | UR.14815   |
| UR.14340         | Pipe - R.H. Ram - Remote Bleed<br>(L.W.B. cars)      | UR.14817   |
| UR.14619         | Assembly Connector - 2 way                           |            |
|                  | Assembly Connector - 2 x 2 way                       | UR.16123   |
| UR.14292         | Pipe - Flexible to L.H. Ram - Feed<br>(L.W.B. cars)  | UR.15012   |
| UR.14293         | Pipe - Flexible to R.H. Ram - Feed<br>(L.W.B. cars)  | UR.15013   |

The following existing parts will also be required on long wheelbase cars:-

UR.14206 - Clip  
UA.9487/Z - Drill Screw

Continued...

4.K.46.

- 2 -

UR.14292/3 are still used on all except long wheelbase cars.

The following are the Car Serial Numbers to which this modification has been fitted:-

|                     |   |                       |
|---------------------|---|-----------------------|
| Standard Saloons    | - | SRX.7076 and onwards. |
| Coachbuilt Cars     | - | CRH.7110 and onwards. |
| Long Wheelbase Cars | - | LRX.7036 and onwards. |



DECELERATION VALVEBENTLEY 'T' : SILVER SHADOW

An air bleed has been introduced into the deceleration valve. At the same time, in order to simplify the piping, changes have been made to the position of the outlet port; as a result the new valve cannot be used as a replacement for the old unless the modified piping is also fitted.

Piece numbers are as follows:-

| <u>DISPLACED</u> |                                                                     | <u>NEW</u> |
|------------------|---------------------------------------------------------------------|------------|
| UR.14406         | Assy. 'G' Conscious Valve                                           | UR.15984   |
| UR.14318         | Connector 2 way                                                     | -          |
| UR.15343         | Pipe - Deceleration Valve to 2 way                                  | -          |
| UR.15342         | Pipe - Deceleration Valve to 3 way (R.H.D. cars)                    | UR.15978   |
| UR.15339         | Pipe - Deceleration Valve to 2 x 2 way (R.H.D. cars)                | UR.15974   |
| UR.15347         | Pipe - Deceleration Valve to 7 x 2 way (L.H.D. cars)                | UR.15977   |
| UR.15345         | Pipe - Deceleration Valve to 5 x 2 way (L.H.D. cars)                | UR.15975   |
| UR.15351         | Pipe - Deceleration Valve to 2 x 2 way (R.H.D. Long Wheelbase Cars) | UR.15979   |
| UR.15353         | Pipe - Deceleration Valve to 5 x 2 way (L.H.D. Long Wheelbase Cars) | UR.15976   |

The following are the Car Serial Numbers to which this modification has been fitted:-

|                     |   |                       |
|---------------------|---|-----------------------|
| Standard Saloons    | - | SRX.6996 and onwards. |
| Coachbuilt Cars     | - | CBH.7014 and onwards. |
| Long Wheelbase Cars | - | LRX.6951 and onwards. |

4.K.48.

BRAKESBENTLEY 'T' : SILVER SHADOW

The pistons and rubber boots fitted to the front brake calipers have been modified and new piece numbers have been allocated to the caliper assemblies.

As complete assemblies, the new calipers can be used for all replacements.

Piece numbers are as follows:-

| <u>DISPLACED</u> |                                      | <u>NEW</u> |
|------------------|--------------------------------------|------------|
| UG.13076         | Assembly Caliper - R.H. Front Brakes | UG.13202   |
| UG.13077         | Assembly Caliper - L.H. Front Brakes | UG.13203   |
| UG.13078         | Assembly Caliper - R.H. Front Brakes | UG.13204   |
| UG.13079         | Assembly Caliper - L.H. Front Brakes | UG.13205   |

The new piece number of the seal kit for the above calipers is CD.5339.

The following are the Car Serial Numbers to which the above modification has been fitted:-

Standard Saloons:- SRX.7004, SRX.7056 and onwards.  
Coachbuilt Cars:- DRX.7063 and onwards.  
Long Wheelbase Cars:- LRX.6987 and onwards, less LRX.7000.

4.K.51.

BRAKE PUMP AND ACCUMULATORSBENTLEY 'T': SILVER SHADOW

The outside diameter of the accumulator clamping ring has been increased and because of this a new piece number has been allocated to the assembly.

In order to obtain a clearance, between accumulators fitted with the larger diameter clamping ring, it has been necessary to enlarge the mounting holes of the valve casing to provide a modicum of adjustment.

When existing stocks have been used up, the new parts will be supplied for all replacements; in some cases therefore, it may be found necessary to enlarge the valve mounting holes.

Piece numbers are as follows:-

DISPLACEDNEW

UE. 33972 Sub Assy. - Accumulator  
UE. 34197 Sub Assy. - Accumulator  
(French cars only)  
UE. 35143 Sub Assy. - Valve Casing

UE. 35839  
UE. 35840  
UE. 35920

HYDRAULIC SYSTEMBENTLEY 'T' : SILVER SHADOW

The flexible pipes, which have so far been used between the brake pumps and accumulators, have been replaced by rigid pipes.

The new parts will be supplied for all replacements.

Service bulletin SY/G.38 gives the necessary fitting instructions.

Piece numbers of the affected parts are as follows:-

DISPLACEDNEW

|          |                                                     |          |
|----------|-----------------------------------------------------|----------|
| UR.16529 | Assembly Hose - Front and Rear Pump to Accumulator. |          |
| UR.16454 | Pipe - Flexible to Rear Accumulator.                |          |
| CK.3290  | Clip - Pipe to Engine.                              |          |
| UR.16594 | Clip - Hose to Distributor Pedestal.                |          |
| UR.15506 | Clip - Pipes to Engine.                             |          |
| UE.34106 | Clip - Pipes - Brake Pumps.                         |          |
| UD.2140  | Bush - Clips.                                       |          |
|          | Assembly - Front Accumulator Pipe                   | UR.16924 |
|          | Assembly - Front Brake Pump Pipe                    | UR.16925 |
|          | Assembly - Rear Accumulator Pipe                    | UR.16926 |
|          | Assembly - Rear Brake Pump Pipe                     | UR.16927 |
|          | (Cars with Torque Convertor Transmission).          |          |
|          | Assembly - Rear Brake Pump Pipe                     | UG.13331 |
|          | (Cars with Four Speed Automatic Gearbox)            |          |
|          | Bracket                                             | UR.16863 |

continued...

- 2 -

|         |          |
|---------|----------|
| Bracket | UR.16866 |
| Clip    | UR.16867 |
| Clip    | UR.16854 |
| Clip    | UR.16855 |
| Clip    | UR.16857 |
| Clip    | UR.16858 |

The displaced parts CK.3290 and UD.2140 are still required in their various other applications.

The following are the car serial numbers to which this modification has been fitted:-

**Standard Saloons** - Car Serial Number SRH.7567, SRH.7908, SBH.7911, SRH.7917, SRH.7918, SRH.7919, SRH.7921, SRX.7922, SRX.7924 and onwards.

**Coachbuilt Cars** - Car Serial Number CRH.7951 and onwards.

**Convertibles** - Car Serial Number DRX.7955 and onwards.

**Long Wheelbase Cars** - Car Serial Number LRX.7862 and onwards.

BRAKE PUMPSSILVER SHADOW: BENTLEY 'T'

Several modifications have been incorporated in the hydraulic brake pumps.

The following parts are interchangeable, and will be issued for all replacements. They must however, be fitted as a set.

DISPLACEDNEW

|          |                                 |          |
|----------|---------------------------------|----------|
| UE.35623 | Assembly - Brake Pump           | UE.36647 |
| UE.35116 | Inlet Valve                     | UE.9491  |
| UE.35488 | Sub Assembly - Non-Return Valve | UE.36649 |
| UE.35115 | Seat (Non-Return Valve)         | UE.36648 |

The following parts are interchangeable and will be issued for all replacements.

DISPLACEDNEW

|          |         |          |
|----------|---------|----------|
| UE.35615 | Adaptor | UE.36645 |
| UE.35113 | Housing | UE.36646 |

The following are the Car Serial Numbers of the cars to which this modification has been fitted.

|                       |                                                                                                                    |
|-----------------------|--------------------------------------------------------------------------------------------------------------------|
| Standard Cars:-       | SRX.7922, SRH.7567, SRH.7908, SBH.7911, SRH.7917, SRH.7918, SRH.7919, SRH.7921, SRX.7924, and all subsequent cars. |
| 2-Door Cars:-         | CRH.7951 and all subsequent cars.                                                                                  |
| Convertibles:-        | DRX.7955 and all subsequent cars.                                                                                  |
| Long Wheelbase Cars:- | LRX.7862 and all subsequent cars.                                                                                  |

SOLENOID VALVE - HEIGHT CONTROLBENTLEY 'T' : SILVER SHADOW

The method of securing the valve seat in the height control solenoid assembly (Spares Schedule Page M. 8-9 Items 80-82) has been changed and as a result new piece numbers have been allocated.

Complete valves are interchangeable but individual parts are not; however the old parts will no longer be supplied and it will therefore be necessary to fit them in sets.

Piece Numbers are as follows:-

DISPLACEDNEW

|          |                                   |          |
|----------|-----------------------------------|----------|
| UD.17187 | Solenoid Valve Height Control     | UD.17357 |
| UD.15114 | Seat-Solenoid valve               | UD.17175 |
|          | Sleeve adjusting valve            | UD.17176 |
|          | Locknut-sleeve valve              | UD.17177 |
| UD.15117 | Sub-Assembly - Body and Extension | UD.17356 |

HYDRAULIC SYSTEMBENTLEY 'T' : SILVER SHADOW

The piece number of the rear level feed hose (Spares Schedule Sheet M.8/5, Item 57) has been changed.

The new part should be used for all replacements in this application only.

Piece numbers are as follows:-

DISPLACEDNEW

UR.14327

Hose Assembly - Rear Level - Feed

UR.16776

The displaced part is still required in all its other applications.



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Date: 4.12.70

BRAKE PUMPSBENTLEY 'T' : SILVER SHADOW

Sealing of the brake pump outer casing has been improved by slightly increasing its diameter and hence, 'nip'.

Piece numbers are as follows:-

DISPLACEDNEW

|          |                       |          |
|----------|-----------------------|----------|
| UE.36647 | Assembly - Brake Pump | UE.36746 |
| UE.36646 | Housing - Brake Pump  | UE.35113 |
| UE.34921 | 'O' Ring - Housing    | UE.36747 |

All parts are completely interchangeable, and when stocks are available the new housing and 'O' ring will be supplied for all replacements. The 'O' rings in seal kits RH.2438 should be changed.

It will be noticed that UE.35113 housing is reintroduced. Increased 'nip' was obtained in the earlier pump by increasing the diameter of the 'O' ring groove; the original housing is now being used with a thicker ring; it is possible however, to use the new ring in housing UE.36646.

BRAKESBENTLEY 'T' : SILVER SHADOW

Rear handbrake cables of modified construction are now being fitted.

The use of these cables increases the forces which are applied to the calipers and because of this, the calipers have been strengthened. Two of the securing clips have also been modified to accommodate the changed cable diameter.

The new calipers can be used for replacements on earlier cars; however, the new cables must never be fitted to any car which does not have the strengthened calipers fitted, otherwise serious damage may occur.

Piece numbers of the affected parts are as follows:-

DISPLACEDNEW

|          |                                     |          |
|----------|-------------------------------------|----------|
| UG.13080 | Assy. Caliper - R.H. Rear Brakes    | UG.13198 |
| UG.13081 | Assy. Caliper - L.H. Rear Brakes    | UG.13199 |
| UG.13082 | Assy. Caliper - R.H. Rear Brakes    | UG.13200 |
| UG.13083 | Assy. Caliper - L.H. Rear Brakes    | UG.13201 |
| UG.12777 | Assy. Rear Cable (Standard Saloons) | UG.13147 |
| UG.12829 | Assy. Rear Cable (L.W.B. cars)      | UG.13148 |
| UG.12770 | Clip - Rear Cable - R.H.            | UG.13146 |
| UG.12771 | Clip - Rear Cable - L.H.            | UG.13183 |

Section

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(Issue 2)

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Date: 2.2.71

HYDRAULIC SYSTEMBENTLEY 'T' : SILVER SHADOW

Changes have been made to the rear height control valves and linkage, in order to reduce the movement ratio.

In effect, the length of the height control valve operating lever has been decreased and the operating shaft modified. A non-adjustable connecting link has been introduced; adjustment being provided by having the lower ball pin working in a slotted bracket on the trailing arms.

The new operating shaft can be used for all replacements, other parts, however, are not interchangeable.

Piece numbers are as follows:-

| <u>DISPLACED</u> |                                                          | <u>NEW</u> |
|------------------|----------------------------------------------------------|------------|
| UR.14827         | Assembly-Rear Height Control Valve - Right-hand          | UR.17354   |
| UR.14738         | Assembly-Rear Height Control Valve - Left-hand           | UR.17355   |
| UR.13864         | Assembly-Operating Lever - Height Control Valve          | UR.16910   |
| UR.13868         | Control Rod - Height Control Valve                       |            |
| X.4307/2         | Locknut - Control Rod                                    |            |
| UR.13865         | Body - Ball Joint                                        |            |
|                  | Body - Link - Ball Joint                                 | UR.17379   |
| UR.13867         | Adjusting Screw - Ball Joint                             |            |
|                  | Ball Pin                                                 | UR.16120   |
| UR.13418         | Operating Shaft                                          | UR.16887   |
| UR.16298         | Assembly-Trailing Arm - Right-hand                       | UR.16920   |
| UR.16299         | Assembly-Trailing Arm - Left-hand                        | UR.16921   |
| UR.16300         | Assembly-Trailing Arm - Right-hand<br>(Convertible cars) | UR.16922   |
| UR.16301         | Assembly-Trailing Arm - Left-hand<br>(Convertible cars)  | UR.16923   |

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Date: 2.2.71

The following trailing arm assemblies, fitted to cars from Serial Number 9000 onwards, have also been changed:-

| <u>DISPLACED</u> |                                                          | <u>NEW</u> |
|------------------|----------------------------------------------------------|------------|
| UR.16378         | Assembly Trailing Arm - Right-hand                       | UR.16882   |
| UR.16379         | Assembly Trailing Arm - Left-hand                        | UR.16883   |
| UR.16380         | Assembly Trailing Arm - Right-hand<br>(Convertible cars) | UR.16884   |
| UR.16381         | Assembly Trailing Arm - Left-hand<br>(Convertible cars)  | UR.16885   |

The following existing parts will also be required:-

|           |   |                              |
|-----------|---|------------------------------|
| UR.14794  | - | Adjusting Screw - Ball Joint |
| UA.301/Z  | - | Nut                          |
| UA.2052/Z | - | Washer                       |

The above modification has been fitted to cars with the following Serial Numbers:-

|                     |   |                       |
|---------------------|---|-----------------------|
| Standard Saloons    | - | SRX.9393 and onwards. |
| 2-Door Saloons      | - | CRX.9248 and onwards. |
| Convertibles        | - | DRX.9247 and onwards. |
| Long Wheelbase Cars | - | LRX.9281 and onwards. |

Re-issued to change piece number UR.16121 to UR.17379.

4.K.62.SPARES INFORMATION SHEETBRAKE ACTUATION MECHANISMBENTLEY 'T': SILVER SHADOW

The brake distribution valves with aluminium bodies and the balance lever assembly, which up to now have been fitted to all cars, except those destined for Canada, have been replaced by the steel bodied valves and balance lever assembly, which have so far been fitted to Canadian cars only.

The new parts cannot be used for replacements of the old, unless the complete modification is carried out and for this reason, both types of valves and balance levers will continue to be supplied for spares purposes.

Piece numbers of the affected parts are as follows:-

DISPLACEDNEW

|          |                                   |          |
|----------|-----------------------------------|----------|
| UR.16079 | Assembly Lower Distribution Valve | UR.16077 |
| UR.16080 | Assembly Upper Distribution Valve | UR.16078 |
| UR.15815 | Assembly-Balance Lever            | UR.15842 |
|          | Boot — Distribution Valve         | UR.15669 |

The following are the serial numbers of cars to which this modification has been fitted:-

|                     |                                       |
|---------------------|---------------------------------------|
| Standard Saloons    | - SRX.9584 and onwards, less SRH.9623 |
| Coachbuilt Cars     | - CPX.9641 and onwards.               |
| Drophead Coupés     | - DRX.9548 and onwards.               |
| Long Wheelbase Cars | - LPM.9649 and onwards.               |

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Page No. 1

Date: 6.11.70

PEDALSBENTLEY 'T' : SILVER SHADOW

The self locking nuts, (Spares Schedule Sheet J5/5, Item 72) which up to now have been used to secure the master cylinder on-stop to its support bracket, have been replaced by standard nuts, which should be used for all future replacements in this application.

Piece numbers are as follows:-

DISPLACEDNEW

UR.16125

Nut - On Stop to Support Bracket

UA.11405/Z

The displaced part is still required in its other application:-

Handbrake pawl to rear caliper.

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Silver Shadow : Bentley T Series

Section K

Information Sheet No. 4.K.66 Issue 2

Page No. 1

Date 20.10.71

BRAKE PUMPS

Modifications have been made to the push rod, push rod housing, cam follower and cam follower retaining ring.

The new parts will be supplied for all replacements, and when they are they must be fitted in sets. Piece No. of set RH.2541.

Both types of retainer will continue to be supplied.

DISPLACEDNEW

|          |                               |          |
|----------|-------------------------------|----------|
| UE.36288 | Push rod - Brake pump         | UE.36794 |
| UE.34808 | Push rod housing              | UE.37428 |
| UE.33879 | Cam follower tappet           | UE.36793 |
| UE.33523 | Ring retaining - Cam follower | UE.36218 |
|          | Push rod replacement kit      | RH.2541  |

Re-issued to amend typescript and piece numbers.

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BENTLEY T : SILVER SHADOW

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### HYDRAULICS

Minor modifications have been made to the adaptor and union of the solenoid restrictor valve assemblies and new piece numbers have been allocated.

The affected parts are illustrated in the spares schedule, sheets M8/8, Items 68, 69, 74, 115, 116 and 121 and M9/8, Items 67, 68, 73, 114, 115 and 120.

The new parts will be supplied for all replacements when existing stocks have been used up, however under no circumstances must an early type union be fitted in the new body, otherwise the operation of the valve will be impaired.

Piece numbers are as follows:-

#### DISPLACED

#### NEW

|          |                                                               |          |
|----------|---------------------------------------------------------------|----------|
| UR 15597 | Assembly High press. and Low press. Solenoid Restrictor Valve | UR 17525 |
| UR 15598 | Adaptor - Restrictor Valve                                    | UR 17526 |
| UR 14297 | Union - Adaptor                                               | UR 17527 |

Cwt/KH/NM



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BENTLEY T : SILVER SHADOW

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### HYDRAULIC SYSTEM

Changes in the hydraulic system have made it possible to delete some surplus connectors, replace an 11 way connector by three 3 way connectors and a 5 x 2 way connector by two 2 x 2 way connectors. This has facilitated a simplification in manufacture, routing and description of some of the hydraulic pipes.

Details of the affected parts and their application are as follows:-

| <u>DISPLACED NO.</u> | <u>COLOUR CODE</u> | <u>APPLICATION</u>                                        | <u>NEW NO.</u> |
|----------------------|--------------------|-----------------------------------------------------------|----------------|
| UR 14289             | ORANGE             | Pipe - 5 x 2 way to Flexible-Rear Level                   |                |
|                      | ORANGE             | Pipe - 2 x 2 way to Flexible-Rear Level                   | UR 14289       |
| UR 15336             | WHITE              | Pipe - 5 x 2 way to Flexible-Return                       |                |
|                      | WHITE              | Pipe - 2 x 2 way to Flexible-Return                       | UR 15336       |
| UR 14276             | WHITE              | Pipe - Distribution Valve Upper to 11 way - Return        |                |
|                      | WHITE              | Pipe - Distribution Valve Upper to 3 way - Return         | UR 14276       |
| UR 14232             | WHITE              | Pipe - 4 way to Reservoir - Return                        |                |
| UR 14277             | WHITE              | Pipe - 11 way to 4 way - Return                           |                |
|                      | WHITE              | Pipe - 3 way to Reservoir - Return                        | UR 17617       |
| UR 14279             | BLUE               | Pipe - Distribution Valve Lower to 11 way - High pressure |                |
|                      | BLUE               | Pipe - Distribution Valve Lower to 3 way - High pressure  | UR 14279       |
| UR 14263             | BLUE               | Pipe - 11 way to Flexible - Front Frame                   |                |
|                      | BLUE               | Pipe - 3 way to Flexible - Front Frame                    | UR 14263       |
| UR 14280             | ORANGE             | Pipe - Distribution Valve Upper to 11 way - High pressure |                |
|                      | ORANGE             | Pipe - Distribution Valve Upper to 3 way - High pressure  | UR 14280       |
| UR 14281             | ORANGE             | Pipe - 11 way to 3 way - Rear Accumulator                 |                |
|                      | ORANGE             | Pipe - 3 way to 3 way - Rear Accumulator                  | UR 14281       |

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| <u>DISPLACED NO.</u> | <u>COLOUR CODE</u> | <u>APPLICATION</u>                | <u>NEW NO.</u> |
|----------------------|--------------------|-----------------------------------|----------------|
| UR 14458             |                    | Connector - 11 way                |                |
| UR 14459             |                    | Bracket - 11 way to Floor         |                |
|                      |                    | Assembly Bracket and 3 way        |                |
|                      |                    | Connectors                        | UR 17680       |
| UR 13845             |                    | Connector - 5 x 2 way             |                |
|                      |                    | Connector - 2 x 2 way             | UR 13843       |
| UR 15977             | BLUE               | Pipe - Deceleration 'G' valve     |                |
|                      |                    | to 11 way                         |                |
|                      | BLUE               | Pipe - Deceleration 'G' valve     |                |
|                      |                    | to 3 way                          | UR 15977       |
| UR 15348             | BLUE               | Pipe - 5 x 2 way to outer 3 way - |                |
|                      |                    | Master Cylinder                   |                |
|                      | BLUE               | Pipe - 2 x 2 way to outer 3 way - |                |
|                      |                    | Master Cylinder                   | UR 15348       |
| UR 15349             | GREEN              | Pipe - 5 x 2 way to inner 3 way - |                |
|                      |                    | High press. Feed                  |                |
|                      | GREEN              | Pipe - 2 x 2 way to inner 3 way - |                |
|                      |                    | High press. Feed                  | UR 15349       |
| UR 15344             | GREEN              | Pipe - 2 way to 5 x 2 way -       |                |
|                      |                    | Rear Brakes                       |                |
|                      | GREEN              | Pipe - 2 way to 2 x 2 way -       |                |
|                      |                    | Rear Brakes                       | UR 15344       |
| UR 14282             | ORANGE             | Pipe - 11 way to 5 x 2 way -      |                |
|                      |                    | Rear Level                        |                |
|                      | ORANGE             | Pipe - 3 way to 2 x 2 way -       |                |
|                      |                    | Rear Level                        | UR 14282       |
| UR 14283             | WHITE              | Pipe - 11 way to 5 x 2 way -      |                |
|                      |                    | Rear Level Return                 |                |
|                      | WHITE              | Pipe - 3 way to 2 x 2 way -       |                |
|                      |                    | Rear Level Return                 | UR 14283       |
| UR 15975             | BLUE               | Pipe - 2 way to 5 x 2 way         |                |
|                      | BLUE               | Pipe - Deceleration 'G' valve to  |                |
|                      |                    | 2 x 2 way                         | UR 15975       |
| UR 15352             | GREEN              | Pipe - 2 way to 5 x 2 way -       |                |
|                      |                    | Rear Brakes (Long Wheelbase Cars) |                |
|                      | GREEN              | Pipe 2 way to 2 x 2 way -         |                |
|                      |                    | Rear Brakes (Long Wheelbase Cars) | UR 17619       |
| UR 14809             | ORANGE             | Pipe - 11 way to 5 x 2 way -      |                |
|                      |                    | Rear Level (Long Wheelbase Cars)  |                |
|                      | ORANGE             | Pipe - 3 way to 2 x 2 way -       |                |
|                      |                    | Rear Level (Long Wheelbase Cars)  | UR 14809       |
| UR 14810             | WHITE              | Pipe - 11 way to 5 x 2 way -      |                |
|                      |                    | Rear Level Return (Long Wheelbase |                |
|                      |                    | Cars)                             |                |
|                      | WHITE              | Pipe - 3 way to 2 x 2 way -       |                |
|                      |                    | Rear Level Return (Long Wheelbase |                |
|                      |                    | Cars)                             | UR 14810       |

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| <u>DISPLACED NO.</u>                                       | <u>COLOUR GUIDE</u> | <u>APPLICATION</u>                                                                | <u>NEW NO.</u> |
|------------------------------------------------------------|---------------------|-----------------------------------------------------------------------------------|----------------|
| UR 15976                                                   | BLUE                | Pipe - Deceleration 'G' valve<br>to 5 x 2 way (Long Wheelbase<br>Cars)            |                |
|                                                            | BLUE                | Pipe Deceleration 'G' valve<br>to 2 x 2 way (Long Wheelbase<br>Cars)              | UR 15976       |
| All the previous references refer to Left-hand drive cars. |                     |                                                                                   |                |
| UR 14249                                                   | WHITE               | Pipe - 5 x 2 way to 3 way<br>Distribution Valve Return<br>(Right-hand drive cars) |                |
| UR 14235                                                   | WHITE               | Pipe - 4 way to 3 way - Return<br>(Right-hand drive cars)                         |                |
|                                                            | WHITE               | Pipe - 5 x 2 way to 3 way -<br>Low press. Return (Right-hand<br>drive cars)       | UR 17616       |
| UR 14316                                                   |                     | 4 way Connector                                                                   |                |
| UR 15350                                                   | GREEN               | Pipe - Master Cylinder to 2 x 2 way<br>(Right-hand drive Long Wheelbase<br>Cars)  | UR 17618       |

Spares Information Sheet issued for

BENTLEY T : SILVER SHADOW - LEFT-HAND  
DRIVE CARS U.S.A. AND CANADA

Section K

Information Sheet No. 4.K.69

Page No. 1

Date 18.6.71

PEDALS

In order to reduce brake pedal load on cars destined for Canada and the U.S.A., modifications have been made to the pedal lever and the connecting linkage. At the same time, in the interest of commonisation, the opportunity has been taken to introduce some of the new features on all other left-hand drive cars.

In effect, a milled slot in the pedal lever and a new connector provide attachment for the operating rod, the length of which has been modified to suit. A longer clevis pin is also necessary. The linkage which operates the distribution valves has been modified to give increased leverage, which has necessitated a change of the pull-off springs. The attitude of the 'G' concious valve has been revised by the introduction of modified mounting brackets. Parts which have been made common for left-hand drive cars are the operating rod, pedal lever, connector and pull-off springs, other parts are for use on U.S.A. and Canadian cars only.

Parts are not interchangeable. Piece numbers are as follows:-

DISPLACEDNEW

|          |                                           |          |
|----------|-------------------------------------------|----------|
| RE.17032 | Return Spring                             | UR.17160 |
| -        | Distance Piece - Lever to Operating Rod   | UR.16052 |
| UR.13497 | Jaw - Rod - Pedal to Levers               | -        |
| -        | Assy. - Connector - Rod - Pedal to Levers | UR.17158 |
| UR.14405 | Mounting Bracket - 'G' Concious Valve     | UR.16055 |
| UR.14973 | Assy. - Brake Pedal Lever                 | UR.17156 |
| UR.13483 | Assy. - Lever - Balance Mechanism         | UR.16427 |
| UR.13488 | Assy. - Lever - Pedal Rod                 | -        |
| -        | Assy. - Lever R.H. - Pedal Rod            | UR.16428 |
| -        | Assy. - Lever L.H. - Pedal Rod            | UR.16429 |
| UR.13485 | Assy. - Rod - Pedal to Levers             | UR.17185 |
| X.6508/Z | Clevis Pin - Connector to Pedal Lever     | X.6512/Z |

Additional existing parts will also be required. These are:-

UR.8289 - Distance Piece  
UR.14671 - Pivot Bolt  
RG.4833 - Washer  
X.401/Z - Slotted Nut  
UA.10011/Z - Split pin

Spares Information Sheet issued for  
BENTLEY T : SILVER SHADOW  
LEFT-HAND DRIVE CARS USA & CANADA

Section K  
Information Sheet No. 4.K.69 Adden.  
Page No. 1  
Date 24.6.71

PEDALS

The following are the Car Serial Numbers of cars to which this modification has been fitted:-

- Four-door Saloons - SRX 11119, SRX 11123, SRX 11127, SRX 11131, SRX 11135 and onwards.
- Coachbuilt cars - DRX 11152, DRX 11206 and onwards.
- Long Wheelbase Cars - LRX 11157, LRX 11158, LRX 11159, LRX 11160, LRX 11161, LRX 11163, LRX 11164, LRX 11165, LRX 11244, LRX 11246, LRX 11247, LRX 11249, LRX 11250, LRX 11252 and onwards.

Spares Information Sheet issued for  
BENTLEY T : SILVER SHADOW

Section K  
Information Sheet No. 4.K.71  
Page No. 1  
Date 7.10.71

### DISTRIBUTION VALVES

Minor modifications have been made to some of the component parts of the distribution valves in order to simplify manufacture, and as a result, new piece numbers have been allocated to the valve assemblies.

The parts affected are the valve body and the collar of the stem assembly. Although these parts, which are not interchangeable, are not supplied for spares, their piece numbers are quoted for reference purposes.

The new complete valve assemblies are fully interchangeable with the ones described in Spares Information Sheet 4.K.62.

Piece numbers are as follows:-

#### DISPLACED

|          |                                          |
|----------|------------------------------------------|
| UR 16077 | Assembly-Lower Distribution Valve        |
| UR 16078 | Assembly-Upper Distribution Valve        |
| UR 15658 | Assembly-Body - Lower Distribution Valve |
| UR 15660 | Assembly-Body - Upper Distribution Valve |
| UR 15041 | Assembly-Stem - Distribution Valve       |
| UR 15036 | Collar                                   |

#### NEW

|          |
|----------|
| UR 17440 |
| UR 17441 |
| UR 17438 |
| UR 17439 |
| UR 17437 |
| UR 17427 |

## Spares Information Sheet issued for

BENTLEY T : SILVER SHADOW

Section K

Information Sheet No. 4.K.73

Page No. 1

Date 15.10.71

HYDRAULIC SYSTEM

Since Spares Information Sheet 4.K.61 was issued, further modifications have been made to the rear height control valves.

The length of the operating lever has been increased and because they contain this part, the piece numbers of the valve assemblies have been changed.

The new parts will be supplied for all replacements of the displaced ones.

Piece numbers are as follows:-

| <u>DISPLACED</u> |                                                 | <u>NEW</u> |
|------------------|-------------------------------------------------|------------|
| UR 17355         | Assembly-Rear Height Control Valve - Left-hand  | UR 17748   |
| UR 17354         | Assembly-Rear Height Control Valve - Right-hand | UR 17749   |
| UR 16910         | Assembly-Operating Lever                        | UR 17746   |

The following are the serial numbers of cars to which this modification has been fitted:-

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Four Door Saloons:-   | SRX 11321, SRH 11369, SRH 11377, SRH 11380, SBH 11399, SRH 11400, SRH 11403, SRX 11404, SRH 11407, SRX 11409, SRH 11410, SRH 11411, SRH 11412, SRX 11413, SRH 11414, SPX 11415, SRH 11416, SRX 11417, SRH 11418, SRX 11419, SRH 11420, SRH 11421, SRX 11422, SRH 11423, SRX 11424, SRH 11425, SRX 11426, SRX 11427, SRX 11428, SRH 11429, SRH 11430, SRH 11431, SRH 11432, SRH 11439, SBH 11446, SRX 11447, SBH 11448, SRX 11449, SRH 11451, SRH 11453, SRH 11454, SRH 11456, SRX 11457, SRH 11458, SRX 11459, SRH 11460, SRX 11462, SRX 11467, SRH 11468 and onwards. |
| 2-Door Saloons:-      | CRH 11497, CRX 11539, CRX 11542 and onwards.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Convertible Cars:-    | DRX 11490, DRH 11495, DRH 11496, DRH 11537, DRX 11538, DRH 11540, DRH 11541, DRX 11543, DRH 11567 and onwards.                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Long Wheelbase Cars:- | LRH 11530, LRX 11531, LRH 11532, LRX 11533, LRX 11534, LRH 11536 and onwards.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

Spares Information Sheet issued for  
BENTLEY T : SILVER SHADOW

Section K  
Information Sheet No. 4.K.75  
Page No. 1 of 1  
Date 9.11.71

HYDRAULIC ACCUMULATOR

Internal components of the accumulator valve have been modified.

The new parts are completely interchangeable with the displaced ones and will be supplied for all replacements.

Piece numbers are as follows:-

DISPLACED

|          |                       |
|----------|-----------------------|
| UE 36115 | Valve casing assembly |
| UE 35225 | Bobbin                |
| UE 35226 | Piston-Bobbin         |

NEW

|          |
|----------|
| UE 37213 |
| UE 37232 |
| UE 37233 |

Cwt/KH



4.L.10.  
Issue 2ELECTRICAL EQUIPMENTBENTLEY 'T' : SILVER SHADOW

Kits of parts for fitting Marchal Air Horns are now available.

Piece numbers are as follows:-

|                                 |          |
|---------------------------------|----------|
| Mounting Bracket Compressor     | UD.12589 |
| Mounting Bracket Air Horn Inner | UD.13590 |
| Mounting Bracket Air Horn Outer | UD.13591 |
| Kit - Air Horn                  | UD.16347 |
| Relay - Air Horn                | UD.11654 |

If it is desired to fit these horns on existing cars it will be necessary to drill additional attachment holes in the L.H. valance plate and spring pot. Dimensions for these holes are given in the accompanying illustrations.

Illustration A is the L.H. spring pot cover plate.

Illustration B is the L.H. spring pot cover plate flange.

Illustration C is the L.H. valance plates.

Illustration D is the L.H. spring pot stiffener bracket.

Dimensions y and x on illustration 'C' are along the surface of the material.

(Sheet 1) Re-issued to add additional part number for relay and latest part number for Air Horn Kit.

- 2 -

4.L.10.

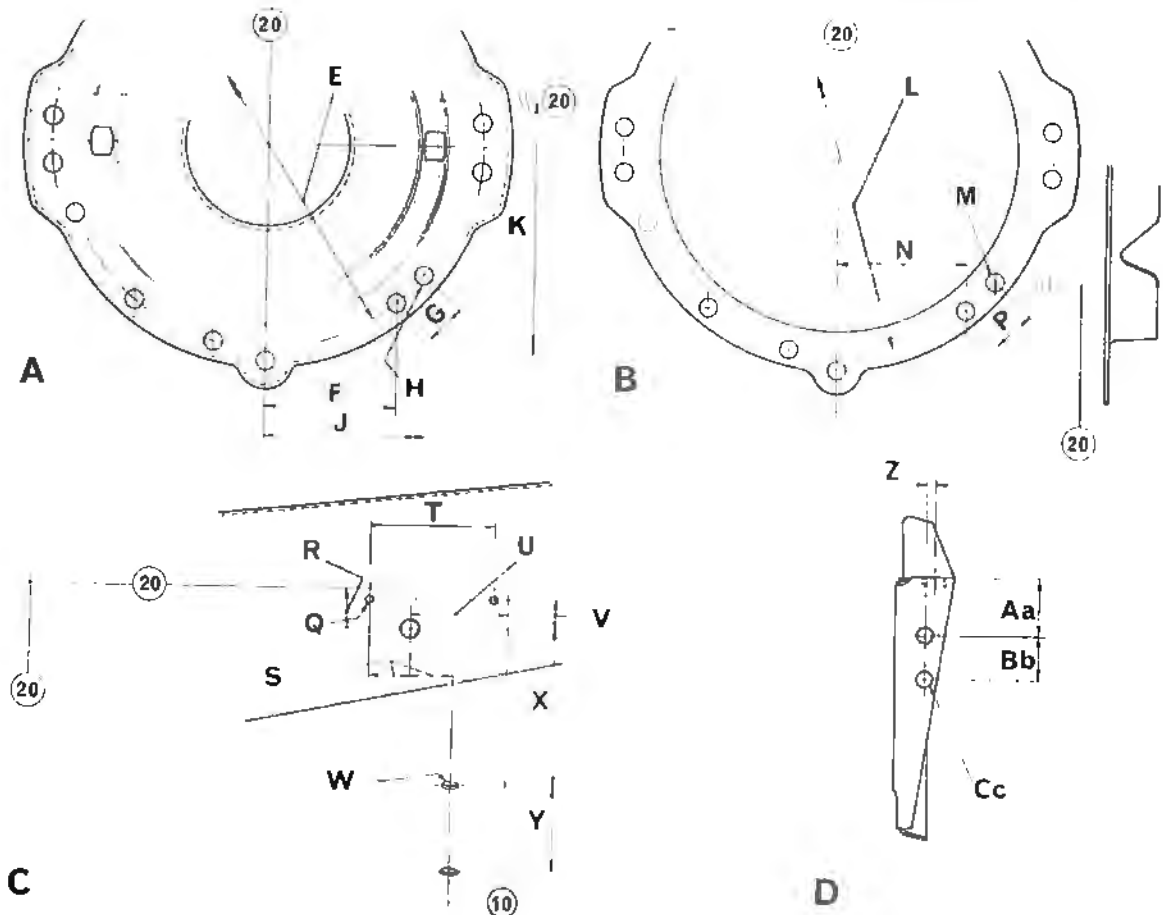


Fig.1 Position of additional holes when Marchal horns are to be fitted

|   |                                                             |    |                                                                                |
|---|-------------------------------------------------------------|----|--------------------------------------------------------------------------------|
| A | L.H. SPRING POT COVER PLATE                                 | P  | 0.850 IN. (21,59 MM.)                                                          |
| B | L.H. SPRING POT COVER PLATE<br>FLANGE                       | Q  | 2 HOLES 0.136 IN. + 0.010 IN. (3,45 MM.<br>+ 0,25 MM.) DIA. L.H. VALANCE ONLY  |
| C | L.H. VALANCE PLATES                                         | R  | 0.812 IN. (20,63 MM.) REF.                                                     |
| D | L.H. SPRING POT STIFFENER BRACKET                           | S  | 0.875 IN. (22,2 MM.)                                                           |
| E | 8.500 IN. (21,59 CM.) P.C.D.                                | T  | 2.800 IN. (6,604 CM.)                                                          |
| F | 2.734 IN. (6,944 CM.) REF.                                  | U  | 2.000 IN. (5,08 CM.) REF.                                                      |
| G | 0.850 IN. (2,16 CM.)                                        | V  | 0.625 IN. (15,875 MM.)                                                         |
| H | 1 HOLE 0.2812 IN. + 0.010 IN.<br>(7,14 MM. + 0,25 MM.) DIA. | W  | 2 HOLES 0.312 IN. + 0.010 IN. (7,937 MM.<br>+ 0,25 MM.) DIA. L.H. VALANCE ONLY |
| J | FORWARD                                                     | X  | 3.187 IN. (8,096 CM.)                                                          |
| K | TO CENTRE LINE OF CAR                                       | Y  | 2.900 IN. (7,4 CM.)                                                            |
| L | 8.500 IN. (21,6 CM.) P.C.D.                                 | Z  | 0.175 IN. (4,44 MM.)                                                           |
| M | 1 HOLE 0.3125 IN. + 0.010 IN.<br>(7,93 MM. + 0,25 MM.) DIA. | Aa | 1.218 IN. (3,095 CM.)                                                          |
| N | 2.734 IN. (6,94 CM.) REF.                                   | Bb | 0.875 IN. (22,2 MM.)                                                           |
|   |                                                             | Cc | 2 HOLES 0.3125 IN. + 0.010 IN.<br>(7,93 MM. + 0,25 MM.)                        |

4.L.11.

WINDTONE HORNSBENTLEY 'T' : SILVER SHADOW

Lucas 7.H type horns are now being fitted in place of the original 618 type horns.

It has been necessary to modify the bumper mounting bracket in order to accommodate the revised position of the horn bracket.

On occasions in the future it may be necessary to supply the 7.H horn as a replacement for the 618. In order to avoid the necessity for fitting a new bumper mounting bracket the rivets securing the horn bracket can be drilled out and the bracket repositioned as necessary. Screws, nuts and washers are supplied with each horn for use in place of the drilled out rivets.

Piece numbers are as follows.-

DisplacedNew

|          |                       |          |
|----------|-----------------------|----------|
| UR 13567 | Horn Mounting Bracket | UR.14798 |
| UD 1869  | Horn, High Note       | UD.13457 |
| UD 3021  | Horn, Low Note        | UD.13458 |

ELECTRICAL FITTINGSBENTLEY 'T': SILVER SHADOW

The stop lamp and flashers dimming relay, is no longer being fitted on production.

Neither it or any of its associated parts will be supplied for spares and should any of them fail the following action should be taken.

- (1) Remove the relay from its mounting bracket.
- (2) Remove the wires from terminals 3 and 6 and join them together.
- (3) Remove the wires from terminals 2 and 5 and join them together.
- (4) Remove the wires from terminals W.1 and W.2. Bend these back and tape them to the main loom.
- (5) Change the stop lamp relay from UD.11473 to UD.13731.

Piece numbers are as follows:-

| <u>Displaced</u> |                  | <u>New</u> |
|------------------|------------------|------------|
| UD.11762         | Mounting bracket | -          |
| UD.1176C         | Mounting plate   | -          |
| UD.11474         | Relay, dimming   | -          |
| UD.11473         | Relay, stop lamp | UD.13731   |

UD.13731 can be used for all replacements whether a dimmed relay is fitted or not.

- (1) Re-issued to include further information.

4.L.13.

ELECTRICAL FITTINGSBENTLEY 'T' : SILVER SHADOW

The screw securing the battery cable terminals, (Schedule K.16, Item 22) has been changed to facilitate removal without having to use two spanners. A washer is no longer required.

Piece Numbers are as follows:-

DisplacedNew

|         |                     |
|---------|---------------------|
| UA.157  | Bolt, battery cable |
| UA.1252 | Washer              |

UD.13583

The bolt changes on this applications only.

LAMPS

BENTLEY 'T': SILVER SHADOW

Please note the following amendments to the Spares Schedule:-

- (1) Page K.7 Item 19 UD.10923 - Required on cars destined for Mexico, Brazil, Switzerland, Italy, Spain, Greece.
- (2) Page K.7 Below Item 21 UD.10922 - Required on cars other than those destined for Italy, Switzerland, Brazil, W. Germany, Spain, Mexico, Greece.
- (3) Page K.8 Item 1 UD.10918 - Required on cars other than those destined for France, West Germany, Spain, Portugal, Mexico, Greece.
- (4) Page K.8 Item 1 UD.10920 - Required on cars destined for Spain, Portugal, Mexico, Greece.

4.L.16.

INSTRUMENTS

BENTLEY 'T' : SILVER SHADOW

A diode has been included in the supply line to the coolant level indicator.

The diode is mounted on a base plate.

On chassis prior to SRX.1114, CBX.1149 the diode assembly is piece number RH.7977 and the loom assembly RH.7973.

On chassis SRX.1114, CBX.1149 onwards, the diode assembly is piece number UD.13632.

Electrical Fittings

Bentley 'T' : Silver Shadow

The brake accumulator relay (Spares Schedule K.5 Item 59) has reverted to its original piece number UD.11807.

UD.13722 continues to be used for the hazard warning relay.

Re issued to amend application of UD.13722  
scrap all previous issues.



4.L.24.

Issue 2

WINDSCREEN WIPER MOTOR

BENTLEY 'T' : SILVER SHADOW

The part number of the Windscreen Wiper Motor, (Spares Schedule Sheet K1 item 1), has been changed.

The new motor can be used for replacements on cars not originally fitted with the new motor, if stocks of UD.11112 are not available.

Part numbers are as follows:-

DISPLACED

NEW

UD.11112

Wiper Motor

UD.13616

UD.13616 was introduced on chassis SRX.2110.

(1/ Re-issued to add chassis numbers and specify use of UD.13616.

INSTRUMENTS

BENTLEY 'T': SILVER SHADOW

An additional felt ring has been introduced for the bullseye deflector controls (Spares schedule page K6 items 3, 4, 6).

The part number is as follows:

UD.13669      Felt Ring Spindle

4.L.27.

RADIO AND FITTINGS CUSTOMERS REQUESTBENTLEY 'T' : SILVER SHADOW

A Bosch Blue Spot Radio is now available and is being fitted at customers request only.

Part numbers are as follows:-

| <u>Part Number</u> | <u>Description</u>                                          |
|--------------------|-------------------------------------------------------------|
| UD.13882           | Bosch blue spot radio - U.S.A. and Canada (New Yorker)      |
| UD.13676           | Bosch blue spot radio - other than U.S.A. and Canada (Koln) |
| UD.13670           | Mounting bracket R.H.                                       |
| UD.13671           | Mounting bracket L.H.                                       |
| UA.1254/Z          | Packing washer                                              |
| UD.13712           | Terminal block 2 way                                        |
| CS.31666/Z         | Sheetmetal screw No.4                                       |
| UD.13703           | Mounting bracket radio cover L.H.                           |
| UD.13704           | Mounting bracket radio cover R.H.                           |
| UD.13029           | Clip, fuse holder                                           |
| UD.13030           | Sheetmetal screw                                            |
| UD.13852           | Assy. cover Bosch blue spot radio                           |
| UD.13713           | Captive nut                                                 |
| UA.8765            | Screw, mounting bracket                                     |
| UD.8638            | Knob, balance control                                       |
| UD.11963           | Stop knob balance control                                   |
| UD.13710           | Assy. cable fuse holder to feed conn.                       |
| UD.15711           | Assy. cable radio output to terminal block                  |
| UD.1328            | Condenser blower motor R.H.                                 |
| UD.13060           | Condenser blower motor L.H.                                 |
| UD.13771           | Condenser oil pressure transmitter                          |
| UD.13818           | Assy. filter choke                                          |
| UE.33473           | Assy. H.T. cable 'A' bank dist. to plug                     |
| UE.33474           | Assy. H.T. cable 'B' bank dist. to plug                     |
| UE.30833           | Screening cam, distributor                                  |
| UE.33475           | Assy. H.T. lead to coil and dist.                           |
| UD.13710           | Assy. cable, fuse holder to feed conn.                      |
| UD.13711           | Assy. cable radio output to terminal block                  |
| UD.13767           | Assy. bonding cable carb intake hose to body                |
| UD.13768           | Assy. bonding cable bonnet lock bracket                     |
| UD.13769           | Assy. bonding cable H.T. harness tube.                      |

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

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LAMPS

BENTLEY 'T' : SILVER SHADOW

A selection of most of the lamp units and bulbs fitted on these cars is now available as a kit in a shockproof package.

Piece number of the kit is RH.2394 and the price £5. 4. 8d.

4.1.29.

RELAY BOXBENTLEY 'T' : SILVER SHADOW

A Thermal Delay switch with a new setting, which is identifiable by red paint on the setting screw, is now being fitted. The 'Otter' switch (Spares Schedule K5 items 38, 41, 44) is no longer fitted and the mounting holes in the relay box have been deleted.

There have also been minor changes to the connecting cables.

Part numbers are as follows:-

| <u>DISPLACED</u> |                      | <u>NEW</u> |
|------------------|----------------------|------------|
| UD.11556         | Assembly Relay Box   | UD.13728   |
| UD.8181          | Thermal Delay Switch | UD.13718   |
| UD.1819          | 'Otter' Switch       | -          |

Only the relay boxes are interchangeable.

ELECTRICALBENTLEY T': SILVER SHADOW

Cases sometimes occur of excessive voltage drop in the earth return side of the starter motor. To overcome this the earthing braid has been removed from the engine mounting plate on left-hand cars and the engine mounting foot on right-hand cars and connected directly to one of the starter mounting bolts. A special setscrew with a thread at each end is used to facilitate the attachment of the earthing braid to the starter motor, the braid being held in position by a self locking nut.

At the same time the opportunity has been taken to commonise the earthing braid for left and right-hand cars.

The new parts will be supplied for all replacements in sets. The circumstances under which this should be done are given on Service Bulletin SY/M4.

| <u>Displaced</u> |                                                       | <u>New</u> |
|------------------|-------------------------------------------------------|------------|
| UD.12905         | Assy. Earthing Strip - Gearbox to Frame)<br>RHL car ) |            |
| UD.12906         | Assy Earthing Strip Gearbox to Frame)<br>LH cars )    | UF 34591   |
| UA.213/Z         | Setscrew - Starter Motor Retaining                    | UE 34592   |
|                  | Self locking Nut - Cable Eye Retaining                | RE 16101   |
|                  | Plain Washer - Self Locking Nut                       | UA.12.1/7  |

STARTER SOLENOID

BENTLEY 'T' : SILVER SHADOW

A modified type starter solenoid with two Lucar connections is now being used.

The solenoids are not interchangeable.

Piece numbers are as follows.

Displaced

New

UD.4181 Starter Solenoid

UD 13672

Chassis numbers which incorporate the above mentioned modification are as follows.

L.H. cars 1838 and onwards

R.H. cars 1848 onwards less 1949, 1954, 1975

4.L.43.

WINDSCREEN WIPER BLADE

BENTLEY 'T': SILVER SHADOW

A modified wiper blade to the one shown in the Spares Schedule (K1 amendment 2 Item 18) is now being supplied.

It can be used either singly or in a set as a direct alternative.

The Part number is UD.14434 and the Rubber Assembly (Squee-gee) is CD.4975.

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

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4.L.44.

REFRIGERATIONBENTLEY 'T' : SILVER SHADOW

The alternator field relay, used on cars fitted with refrigeration, has been changed.

The new relay can be used for all replacements on this application.

UD.11468 is still used on all its other applications on these cars.

DISPLACEDNEW

UD.11468

Relay, Alternator Field

UD.14292

RADIOSBENTLEY 'T' : SILVER SHADOW

The following are part numbers of Radios that have been fitted to the above cars.

|          |                                                                                                                                    |                        |
|----------|------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| UD.11844 | Radio Control Unit (Radiomobile) 980/VSY (Med/Long) European                                                                       |                        |
| UD.13096 | Radio Control Unit (Radiomobile) 530/TB/VSY (Short/Med) Spain & Portugal. Replaced by UD.15501 (Phillips) Type N6X16T (Short/Med). |                        |
| UD.11961 | Radio Control Unit (Pye) PE 2000T (Med/Wave) replaced by UD.11845 (Radiomobile) 982/VSY (Med/Wave)                                 |                        |
| UD.13023 | Radio Control Unit (Pye) PE 2000T/LW (Med/Long) - no longer fitted                                                                 |                        |
| UD.13763 | Radio (Motorola) FM200A Canada and U.S.A.                                                                                          |                        |
| UD.13882 | Radio (Bosch Blue Spot) (Med/Wave) Canada and U.S.A.                                                                               | ) Customer<br>Request. |
| UD.13676 | Radio (Bosch Blue Spot) (Long and Med Wave)                                                                                        |                        |

- (1) Re-issued to add further information  
(2) Re-issued to change part UD.14721 to UD.15501

4.L.47.

MICRO SWITCHESBENTLEY 'T' : SILVER SHADOW

Changes have been made to some of the micro switches fitted on these cars.

They are as follows:-

UG.12393 Neutral Start Switch (Spares Schedule Sheets G.14 item 101, and G.25 Item 105). The roller assembly was formerly supplied as part of the switch. It is now being supplied separately and has been allocated the piece number UG.12676

UG.12393 Gearbox Torque Converter Vanes and Kick Down Switch (LH cars only)

A new type of switch is now being used in this application, the piece number is UD.14562; again the roller assembly, piece number UG.12676, is supplied separately. Lucar blade terminals are fitted to the new switch as opposed to screwed terminal connections. Loom changes have therefore been made and for this reason the switches cannot be considered interchangeable.

UR.13689 Fast Idle Switch - Fridge Cars only

The new type switch UD.14562 is now being used in this application. As UR.13689 is also fitted with Lucar blade terminals, UD.14562 can be used for all replacements.

UR.13689 Reverse Light Switch

There is no change in this application, UR.13689 continues to be used.

SUMMARISING

|                                                           |                  |
|-----------------------------------------------------------|------------------|
| UG.12393 Neutral Start Switch - all chassis               | )Roller Assembly |
| UG.12393 Gearbox Torque Converter Vanes and Kick Down -   | )UG.12676 to be  |
| chassis: (Standard Saloons: SRX.1114 to 2591, Coachbuilt: | )ordered         |
| CRX.1168 to 2727)                                         | )separately if   |
|                                                           | )required        |
| UD.14562 Gearbox Torque Converter Vanes and Kick Down -   | )                |
| chassis: (Standard Saloons: SRX 2595 onwards, Coachbuilt: | )                |
| CRX.2728 onwards)                                         | )                |

Continued...

4.L.47.

- 2 -

UD.14562 Fast Idle Switch - Fridge Cars - used for all replacements.

UR.13689 Reverse Light Switch - All chassis

4.L.49.  
(Issue 2)L.H. SEAT SWITCHBENTLEY 'T' : SILVER SHADOW

As a result of the modification to the stowage bin (see Information Sheet 4.N. 44.) it has been necessary to turn the operating switch through 180° on its mounting plate.

DISPLACEDNEW

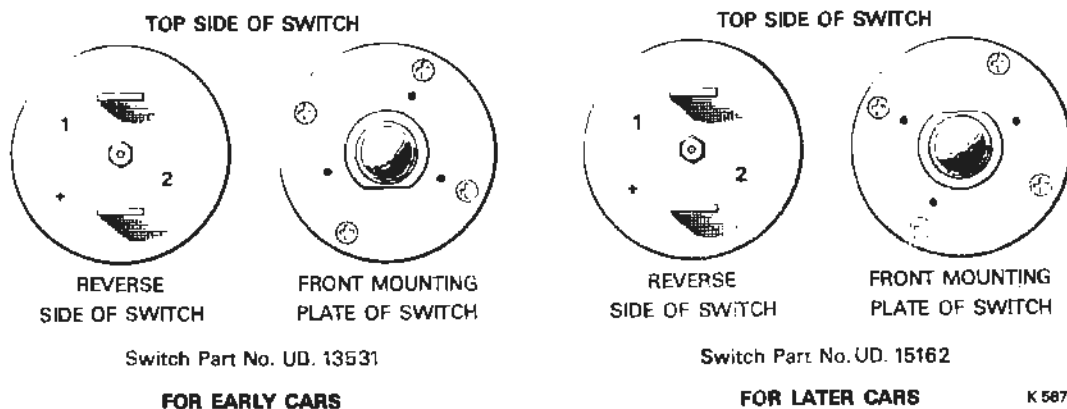
UD. 13531

Assy. L.H. Seat Switch

UD. 15162

Both types of switch will continue to be supplied for spares and, so far as standard cars are concerned, the car serial numbers to which the modification concerned was fitted are known and are given on Page 2.

The car serial numbers to which the modification was fitted on coach-built cars are not known; for this reason the later switch will normally be supplied unless the earlier one is specifically requested. In fact it is a simple operation to change one to the other being merely a matter of removing the four socket head screws from the cover plate and turning the body through 180°. Sketches of the switches are given below in order to simplify the procedure.

Fig.1 Assembly L.H. seat switch

Continued...

4.L.49.  
(Issue 2)

- 2 -

The foregoing modification has been fitted to the following car serial numbers:-

Standard Cars SBH.2617, SRH.2632, SRX.2636, SRH.2637, SBH.2638, SRH.2639,  
SRX.2640, SRH.2641, SBX.2642, SRH.2645, SRH.2648 and onwards  
less 2721 and 2722.

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

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4.L.50.

FUEL/OIL LEVEL SWITCHBENTLEY 'T' : SILVER SHADOW

An improved type of fuel/oil level changeover switch has been introduced.

In order to fit this switch, it has been necessary to make a minor modification to the instrument board.

In addition, the large diameter hole in the switch mounting plate has been increased in diameter from 0.390 in. to 0.484 in.

When stocks of the existing switch have been used up the new one will be supplied for all replacements.

The part numbers are as follows:-

| <u>DISPLACED</u> |                                                     | <u>NEW</u>               |
|------------------|-----------------------------------------------------|--------------------------|
| UD. 1344         | Assy. Switch Fuel/Oil Changeover                    | UD.15149                 |
|                  | Switch, Fuel/Oil Changeover                         | UD.14902                 |
| UD.11483         | Mounting plate, Switch                              | UD.14903                 |
|                  | Distance Piece                                      | UD.14836                 |
|                  | Knob                                                | UD.14837                 |
| UW.10534         | Assy. Instrument Board and Bridge Piece (R.H. cars) | UW.11612                 |
| UW. 0105         | Assy. Instrument Board                              | UW.11602                 |
| UW.10537         | Assy. Instrument Board and Bridge Piece (L.H. cars) | UW.11613                 |
| UW.10111         | Assy. Instrument Board                              | UW.11603                 |
| UW.10131         | Assy. Instrument Board and Bridge Piece             | Required on ( ) UW.11621 |
| UW.10729         | Assy. Instrument Board                              | L.H. Cars With) UW.11609 |
|                  |                                                     | Swiss Horn ( )           |
|                  |                                                     | Muting Switch ( )        |
| UW.10111         | Assy. Instrument Board and Bridge Piece             | Required on ( ) UW.11620 |
| UW.10743         | Assy. Instrument Board                              | R.H. Cars With) UW.11608 |
|                  |                                                     | Swiss Horn ( )           |
|                  |                                                     | Muting Switch ( )        |
| UW. 0111         | Assy. Instrument Facia (R.H. cars)                  | UW.11596                 |
| UW. 0142         | Assy. Instrument Facia (L.H. cars) Not U.S.A.       | UW.11597                 |

FUEL/OIL LEVEL SWITCH

BENTLEY 'T' : SILVER SHADOW

The following are chassis numbers that incorporate the revised fuel/oil level switch.

Standard Cars : SRH 3525 and onwards.

Coachbuilt Cars : CRH 3649 and onwards.



4.L.59.

BATTERY CABLEBENTLEY 'T' : SILVER SHADOW

The battery cable assembly has been commonised for both right and left-hand cars, together with the bushes and clips.

The part numbers affected are as follows:-

DISPLACED

|           |                              |
|-----------|------------------------------|
| UD.11631  | Assy. Battery Cable Positive |
| RD.3042   | Clip                         |
| UD.2139   | Bush                         |
| UR.3289   | Clip, Battery Cable, Boot    |
| UA.1501/Z | Bolt                         |

Formally L.H. only  
NOW COMMON

|          |
|----------|
| UD.13311 |
| UD.13487 |
| UD.13489 |
| UD.13488 |
| -        |

The following are the car numbers to which this modification has been fitted.

SRH 4386  
CRH 5052

GEARCHANGE ISOLATION RELAYBENTLEY 'T' : SILVER SHADOW

A series relay has been introduced into the electric gearchange actuator feed circuit.

The relay is fitted between the top of the instrument board and the body adjacent to the speedometer. It is mounted on a bracket secured to the instrument board and two clips fitted to the body.

The part numbers are as follows:-

|           |                            |                 |
|-----------|----------------------------|-----------------|
| UD.15656  | Relay Gearchange Isolation |                 |
| UD.15659  | Bracket Support            |                 |
| UD.15662  | Bracket Support            |                 |
| UD.15658  | Edge Clip                  |                 |
| UA.8685/Z | Screw Support Bracket      |                 |
| UA.102/Z  | Bolt Relay Mounting        |                 |
| UA.301/Z  | Nut Relay Mounting         |                 |
| UA.1251/Z | Washer Relay Mounting      |                 |
| UD.16242  | Bracket Support )          |                 |
| UD.16243  | Edge Clip )                | R.H. Coachbuilt |
| UA.4701/Z | Screw )                    |                 |

The car serial numbers to which the above modification has been fitted, are as follows:-

SRH. 4489 onwards  
SRX. 6455 onwards

Re-issued to add additional part numbers.

4.L.61.

STARTER MOTORBENTLEY 'T' : SILVER SHADOW

A new starter motor is now being fitted. They are not considered to be interchangeable between R.H. and L.H. cars.

Piece numbers are as follows:-

DISPLACEDNEW

UD.14953

Starter Motor - R.H. Cars

UE.35221

UD.14954

Starter Motor - L.H. Cars

UE.35220

WINDSCREEN WASHERBENTLEY 'T': SILVER SHADOW

A 'Tudor' windscreen washer is now being fitted to production cars, replacing the 'Lucas' and 'Delco' washer that have formerly been fitted.

A new mounting bracket has been introduced to accommodate the washer, loom changes have also been made.

The 'Tudor' washer can be used as a replacement for either the 'Lucas' or 'Delco' parts provided the mounting bracket is changed.

The numbers are as follows:-

DISPLACEDNEW

|           |                               |                      |
|-----------|-------------------------------|----------------------|
| UD. 13144 | Assy. - Washer Bottle 'Lucas' |                      |
| UD. 15807 | Washer Pump and Cover )       | 'Delco'              |
| UD. 15382 | Jar - Windscreen washer )     |                      |
| UD. 11953 | Assy. - Bracket and Clip      | U.S.A. only          |
| UD. 15040 | Assy. - Bracket and Clip      | Special U.S.A. cars  |
| UD. 15042 | Bracket - Upper               | Special U.S.A. cars  |
| UD. 11955 | Bracket - Upper               | U.S.A. only          |
| UD. 11959 | Spacer                        | U.S.A. only          |
| UD. 15343 | Assy. - Upper Mtg. Bracket    | Not U.S.A. or Canada |
| UD. 15345 | Assy. - Upper Mtg. Bracket    | Not U.S.A. or Canada |
| UD. 3267  | Clip                          | U.S.A. only          |
| UD. 9178  | Adaptor                       | U.S.A. only          |
| UD. 9179  | Tube                          | U.S.A. only          |

Assy. - Washer Bottle 'Tudor'  
Assy. - Mounting bracket, washer bottle

UD. 15976  
UD. 15977

The tube connector on the new bottle is of a larger dia. than the one on the displaced parts. To accommodate this, some early cars will be fitted with a length of tube with an increased inside dia; this is connected to the standard tube by means of an adaptor.

Piece numbers of these parts are:-

UD. 16354 Adaptor - Washer tube  
UD. 16355 Tube - Adaptor to jet  
UD. 16356 Tube - Adaptor to bottle

Re-issued to correct part number for the 'Tudor' bottle.

4.L.63.

Issue 2

COMBINED FRONT FLASHER AND SIDE-LAMPBENTLEY 'T' : SILVER SHADOW

The combined front flasher and side-lamp assembly, at present fitted to most cars, has a white side lamp lens and an amber flasher.

Recent U.S.A. legislation lays down that the ~~side-lamp~~ lens also must be amber.

The piece number of the lamp on all cars exported to the U.S.A. and Canada has accordingly been changed.

The original lamp will still be fitted on most other cars.

The new amber lens can be supplied separately if required.

DISPLACEDNEW

|          |                                      |
|----------|--------------------------------------|
| UD.10922 | Front Flasher and Side-lamp Assembly |
| CD.3115  | Lens - Side lamp                     |

|          |
|----------|
| UD.15610 |
| CD.5237  |

Re-issued to amend piece number.

WIPER MOTORBENTLEY 'T' : SILVER SHADOW-LEFT-HAND DRIVE CARS

A new wiper motor is now being fitted to Left-Hand Drive cars.

This has necessitated a new wiper/washer switch, motor mounting bracket and the introduction of a Saddle Assembly with which the wiper motor is held in position.

Parts are not interchangeable and the part numbers are as follows:-

| <u>DISPLACED</u> |                              | <u>NEW</u> |
|------------------|------------------------------|------------|
| UD.14871         | Assy. - Wiper Motor          | UD.16132   |
| UD.15025         | Assy. - Wiper Motor Bracket  | UD.16364   |
|                  | Assy. - Saddle - Wiper Motor | UD.16378   |
| UD.11353         | Wiper/Washer Switch          | UD.16588   |

The following are the Car Serial Numbers to which the above modification has been fitted.

SBX.7454, 7496 onwards

SRX.7452, 7520, 7522 onwards

LRX.7296, 7378 onwards

Re-issued. to add Car Serial Numbers and delete reference to U.S.A. & Canadian cars.

4.L.66.

STARTER SOLENOIDBENTLEY 'T' - SILVER SHADOW

Supplies of the 'Lucas' 2 ST starter solenoid - the type at present being fitted, are no longer obtainable and the 4 ST type is now being used; in order to fit this, it has been necessary to modify the combination handbrake cable, throttle lever and solenoid mounting bracket; this modified bracket can be used for all replacements since the 2 ST solenoid can be mounted on it.

The 4 ST solenoid can be fitted for all replacements except when the latest type of rubber insulated mounting is used. When this is the case, the new bracket must also be fitted.

For obvious reasons of economy we do not propose supplying a new bracket with every 4 ST solenoid. It is considered that either the distributor will be holding a stock of one or two brackets, or if he has none, that he will order one at the same time as he orders a solenoid.

The part numbers are as follows,-

DISPLACEDNEW

|          |                                                            |          |
|----------|------------------------------------------------------------|----------|
| UD.13627 | 4 ST Starter Solenoid                                      | UD.15723 |
| UG.12342 | Assembly bracket, controls, handbrake and starter solenoid | UG.12956 |
| UD.15348 | Assy. Starter Solenoid                                     |          |
| UD.15339 | Assy. Starter Solenoid                                     |          |
| UD.14915 | Protective Cap                                             |          |
| UD.15242 | Mounting Bracket Solenoid                                  |          |

The following are Car Serial Numbers where the above modification was introduced.

SRH 5508, SRH 5517 and onwards  
CRH 6684 and onwards  
SRX 6771 and onwards  
LRX 6720 and onwards

WINDSCREEN WIPERBENTLEY 'T' : SILVER SHADOW R.H. DRIVE CARS

In order to reduce windscreen wiper noise on these cars, rubber grommets have been introduced between the motor mounting bracket and the dashboard; the holes in the mounting bracket have been increased to 5/8 ins. (15.87 m.m.).

The new bracket can be used for all replacements providing the grommets, distance tubes, etc., are also supplied.

DisplacedNew

|           |                    |          |
|-----------|--------------------|----------|
| UD.10883  | Mounting Bracket   | UD.16315 |
|           | Grommet Mtg. Brkt. | UR.6045  |
|           | Distance Tube      | UR.6046  |
| UA.6102/Z | Washer Mtg. Brkt.  | UE.33603 |
| UA.1202/Z | Stud M g. Brkt.    | UA.703/Z |

The following are the Car Serial Numbers to which this modification has been fitted:-

|                 |          |
|-----------------|----------|
| Standard cars   | SRH.6794 |
| Coachbuilt cars | DRH.6787 |



4.L.70

HEADLAMPSBENTLEY 'T' : SILVER SHADOW

In order to conform with new lighting requirements in some European countries, the light units have been changed.

The Light units are interchangeable in pairs only. For the time being both types will be supplied.

The Part Numbers are as follows:-

|                        |   | <u>NEW</u> |
|------------------------|---|------------|
| Assy. Headlamp (Inner) | ( | UD.16713   |
| Backshell              | ( | UD.8536    |
| Light Unit             | ( | UD.16735   |
| Bulb                   | ( | UD.3970    |
| Assy. Headlamp (Outer) | ( | UD.16714   |
| Backshell              | ( | UD.8536    |
| Light Unit             | ( | UD.16734   |
| Bulb                   | ( | UD.3970    |
| Assy. Headlamp (Inner) | ( | UD.16893   |
| as above except        | ( |            |
| for bulb               | ( |            |
| Bulb Cadmium Yellow    | ( | UD.4866    |
| Assy. Headlamp (Outer) | ( | UD.16894   |
| as above except        | ( |            |
| for bulb               | ( |            |
| Bulb Cadmium Yellow    | ( | UD.4866    |

Continued...

4.L.70

- 2 -

DISPLACED

|         |                        |   |            |
|---------|------------------------|---|------------|
| UD.8524 | Assy. Headlamp (Inner) | ( |            |
| UD.8545 | Seal Beam Unit         | ( |            |
|         |                        | ( | W. Germany |
| UD.8526 | Assy. Headlamp (Outer) | ( | and Sweden |
| UD.8539 | Light Unit             | ( |            |
| UD.3970 | Bulb                   | ( |            |
| UD.8558 | Assy. Headlamp (Inner) | ( |            |
| UD.8584 | Light Unit             | ( |            |
| UD.3970 | Bulb                   | ( | Italy      |
|         |                        | ( |            |
| UD.8559 | Assy. Headlamp (Outer) | ( |            |
| UD.8585 | Light Unit             | ( |            |
| UD.3970 | Bulb                   | ( |            |
| UD.8529 | Assy. Headlamp (Inner) | ( |            |
| UD.8547 | Sealed Beam Unit       | ( |            |
|         |                        | ( | France     |
| UD.8530 | Assy. Headlamp (Outer) | ( | only       |
| UD.8539 | Light Unit             | ( |            |
| UD.4866 | Bulb                   | ( |            |

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


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WINDSCREEN WIPER MOTORBENTLEY 'T' : SILVER SHADOW - RIGHT-HAND DRIVE CARS

A new Wiper Motor, similar to the one previously instructed for Left-hand drive cars only, is now being fitted to Right-hand drive cars.

This has necessitated a new mounting bracket, but the saddle and wiper/washer switch are the same as Left-hand drive cars.

Parts are not interchangeable and piece numbers are as follows:-

| <u>DISPLACED</u> |                                | <u>NEW</u> |
|------------------|--------------------------------|------------|
| UD.16315         | Mounting Bracket - Wiper Motor | UD.16604   |
| UD.13616         | Wiper Motor                    | UD.16605   |

The following are the Car Serial Numbers to which the above modification has been fitted.

SRH.7412, 7421, 7424, 7427, 7478, 7432, 7435, 7439, 7441, 7443, 7445, 7461, 7463, 7464, 7473, 7477, 7479, 7481, 7483, 7485, 7487, 7489, 7491, 7495, 7506, 7507, 7509, 7510, 7524, 7526, 7530, 7532, 7534 onwards.

SBH.7430, 7475, 7520, 7522 onwards.

CRH.7498, 7499, 7503, 7504, 7541, 7545, 7546, 7547, 7571 onwards.

DRH.7460, 7500, 7501, 7502, 7542, 7543 onwards.

Re-issued to add Car Serial Numbers.

RADIOSBENTLEY 'T' : SILVER SHADOW

The following are part numbers of radios which are now being currently fitted on the above cars, together with the necessary mounting brackets and finishers etc., used in the front console and division console.

The parts are not interchangeable and the numbers are as follows:-

DISPLACEDNEW

|          |                                     |                                                                     |  |          |
|----------|-------------------------------------|---------------------------------------------------------------------|--|----------|
| UD.15501 | Philips Radio 22 RN 686             | (Built-in balance control )                                         |  | UD.16658 |
| UD.15239 | Philips Radio 22 RN 681/89          | North America )                                                     |  | UD.16716 |
| UD.16102 | (Philips Radio 22 RN 681/86         | ) Med/Short                                                         |  | UD.16715 |
|          | (Philips Radio 22 RN 681/87         | )                                                                   |  | UD.16717 |
| UD.16333 | Radiomobile Radio 1080/VRR Med/Long |                                                                     |  | UD.16736 |
|          | Assy. Mounting Bracket              | } Used in Centre Division Radio ) with Philips & Radiomobile radios |  | UD.16710 |
|          | Assy. Support Bracket               |                                                                     |  |          |
|          | Assy. Finisher Radio                | L.H.D. cars) Front Console with                                     |  | UD.16646 |
|          | Assy. Picture Plate                 | L.H.D. cars) Philips Radio                                          |  | UD.16645 |
|          | Assy. Picture Plate                 | L.H.D. cars) Used with                                              |  | UD.17004 |
|          | Assy. Picture Plate                 | R.H.D. cars) 22 RN 686 Radio                                        |  | UD.17005 |
| UB.16960 | Assy. Console Division              | ) Centre Division                                                   |  |          |
|          |                                     | ) Console                                                           |  | UB.17853 |
| UD.12476 | Assy. Finisher Radio                | ) with Philips Radio                                                |  | UD.16706 |
| UW.12812 | Assy. Finisher Radio                | L.H.D. cars) Front console                                          |  | UD.16752 |
|          | Assy. Finisher Radio                | R.H.D. cars) with Radiomobile                                       |  | UD.16755 |
|          | Assy. Mounting Bracket              | ) Radio                                                             |  |          |
|          | Radio                               | )                                                                   |  | UD.16751 |
|          | Washer-Spindle-Radio                | Front console & Division Console with Radiomobile Radios            |  | UD.16756 |

4.L.76

SEAT SWITCHESBENTLEY 'T' SILVER SHADOW

The design of the seat switch knob has been changed, at the same time minor interior alterations have been made.

A new piece number has been allocated.

Except on considerations of appearance the switches are identical.

Part numbers are as follows:-

| <u>Displaced</u> |                                | <u>New</u> |
|------------------|--------------------------------|------------|
| UD. 13530        | Assy Seat Switch R.H.          | UD. 16355  |
| UD. 13531        | Assy Seat Switch L.H.          | UD. 16352  |
| UD. 15162        | Assy Seat Switch L.H.        ) | UD. 16351  |
|                  | see information sheet 4L49 )   |            |

LAMPSBENTLEY 'T' : SILVER SHADOW

Revised lighting regulations in various countries have necessitated the issue of new piece numbers for the combined front flasher and side-lamp, the flasher repeater and the stop tail lamp.

In the case of the first two only markings on the lenses have been changed and the lamps are completely interchangeable.

The position is slightly more complicated in the case of the rear lamps.

At present the light intensity on Home and European cars is reduced by the inclusion of a resistor in the circuit. This has been removed and a similar effect is obtained by the use of a semi opaque lens; lamps, therefore, are not interchangeable individually; the rear lamps used on cars exported to North America have changed only in respect of the marking on the lens, lamps are completely interchangeable therefore and in addition the new one can be used on any Home and European car which incorporates the resistor in the circuit.

Piece numbers are as follows:-

| <u>DISPLACED</u> |                                                     | <u>NEW</u> |
|------------------|-----------------------------------------------------|------------|
| UD.14685         | Flasher Repeater Lamp                               | UD.17061   |
| UD.15610         | Combined Front Lamp, Amber Flasher, Amber Side      |            |
|                  | U.S.A. & Canada                                     | UD.17062   |
| UD.10922         | Combined Front Lamp, Amber Flasher, ) European      | UD.17063   |
|                  | White Side ) except for below                       |            |
| UD.10923         | Combined Front Lamp, White Flasher, ) Greece, Italy |            |
|                  | White Side ) Poland, Portugal                       | UD.17064   |
|                  | ) Spain                                             |            |
| UD.14981         | Combined Rear Lamp - U.S.A. & Canada                | UD.17065   |
|                  | Combined Rear Lamp - Home & European                | UD.17066   |
| UD.15720         | Resistor                                            | -          |

Spares Information Sheet issued for  
BENTLEY T : SILVER SHADOW

Section L  
Information Sheet No.4.L.79 Issue 2  
Page No. 1  
Date 7.7.71

### SPEEDOMETER FLEXIBLE DRIVE

The same speedometer drive cable, sometimes in conjunction with an adaptor, has up till now been fitted on all cars.

Two different cables are now being fitted. One is for use on Left-hand drive and also Right-hand drive cars with Four Speed Automatic Gearbox.

The other is used on all Right-hand drive cars with Torque Converter Transmission; the gearbox adaptor (G.23 Item 19) is no longer required.

#### DISPLACED

#### NEW

|          |                                           |          |
|----------|-------------------------------------------|----------|
| UD 15459 | Assy.-Flexible Drive Speedometer - R.H.D. | UD 17256 |
|          | Assy.-Flexible Drive Speedometer - L.H.D. | UD 17257 |
| UG 12815 | Gearbox-Adaptor Speedometer               |          |
| UD 12526 | Clip-Speedometer Cable to Undersheet      | UD 12527 |
| UD 14020 | Clip-Speedometer Cable to Bracket         | UD 16515 |

The new parts can be used for all replacements in the respective application.

#### Issue 2. Reason for re-issue to add Car Serial Numbers.

The following are Car Serial Numbers to which the above modification has been fitted:-

cars except:- SRH 9396, SRH 9398, SRH 9403, SRH 9404 and all subsequent  
SRH 9399, SRH 9400, SRH 9405, SRH 9407, SRH 9411, SRH 9412

#### Issue 3. To amend the text on Issue 1 and 2.

Spares Information Sheet issued for  
BENTLEY T : SILVER SHADOW

Section L  
Information Sheet No. 4.L.79 Adden.  
Page No. 1  
Date 17.9.71

SPEEDOMETER FLEXIBLE DRIVE

Inner Speedometer Cables are now available for spares purposes.  
A quantity of the special grease is supplied with each cable.

The part numbers are:-

|         |                         |                       |
|---------|-------------------------|-----------------------|
| RH 2539 | Speedometer Inner Cable | Right-hand drive cars |
| RH 2540 | Speedometer Inner Cable | Left-hand drive cars  |

Cwt/KH/DB



4.L.82

IGNITION COIL

BENTLEY 'T' : SILVER SHADOW

Supplies of UE.34104 Ignition Coil are not longer available and RH.8402 is now being used as a suitable replacement, Service Bulletin reference (SY/M36).

4.L.83.

WINDSCREEN WIPER WHEELBOXBENTLEY 'T' : SILVER SHADOW

The part number of Wheelbox and Wheelbox Assembly, spares schedule K1/2/3 Items 11, 12 has been changed.

The new Wheelboxes are interchangeable and the Part Numbers are as follows:-

| <u>DISPLACED</u> |                   | <u>NEW</u> |
|------------------|-------------------|------------|
| UD.11393         | Assembly Wheelbox | UD.17594   |
| UD.11113         | Wheelbox          | UD.17593   |

The above modification has been fitted to the following cars:-

|                |                       |
|----------------|-----------------------|
| Standard       | SRH.9577 and onwards. |
| 2-Door Saloon  | CRH.9543 and onwards. |
| Convertible    | DRH.9547 and onwards. |
| Long Wheelbase | LRX.9536 onwards.     |

**Spares Information Sheet issued for**

BENTLEY T : SILVER SHADOW

Section L

Information Sheet No. 4.L.84

Page No. 1

Issue 3

Date 4.10.71

WINDSCREEN WASHER

A new 'Trico' Windscreen washer unit with a separate pump is now being fitted.

A modified mounting bracket is also necessary. The opportunity has been taken to incorporate parts into the bracket which will be used to mount new features which will be announced at a later date. The 'Trico' washer cannot be used in place of any of its predecessors unless all the parts on the following list are also fitted.

The new part numbers are as follows:-

| <u>Part No.</u> | <u>Description</u>                                |
|-----------------|---------------------------------------------------|
| UD 16738        | 'Trico' Windscreen Washer Bottle Assembly         |
| CD 5494         | Jar                                               |
| CD 5494         | Cap                                               |
| CD 5496         | Filter                                            |
| CD 5497         | Liner                                             |
| UD 16739        | 'Trico' Pump                                      |
| CD 5493         | Impeller Service Kit (to service UD 16739)        |
| UD 18482        | Retainer Bottle Bracket                           |
| UE 36550        | Assembly Bracket, Relay and Bottle Mounting       |
| UE 36559        | Tube Pump to Jets 64.000 in. (162,56 cm.) length  |
| UE 36560        | Tube Pump to Bottle 14.750 in. (37,46 cm.) length |

Re-issue Page 1 Issue 3

Reason To change UD 18482 part number from UD 17416 to bring into line with latest information.

Cwt/KH

Section ADDENDUM

Information Sheet No. 4.L.84

Page No. 1

Date: 16.11.70

WINDSCREEN WASHER

The following are Car Serial Numbers to which this modification has been fitted:-

|                  |                                                                                                                                                                                                                                                               |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standard:-       | SRH.9849, SRH.9855, SRH.9861, SRH.9864, SRH.9866, SRH.9867, SRH.9869, SRH.9871, SRX.9873, SBH.9882, SRX.9883, SBH.9884, SRX.9885, SRX.9887, SRH.9888, SRX.9889, SRH.9890, SRH.9891, SRH.9892, SRH.9893, SRH.9896, SRH.9897, SRH.9898 and all subsequent cars. |
| Coachbuilt:-     | DRH.9976, DRH.9978, DRH.9979, DRX.9983, DRX.9984, DRX.10018, DRH.10023, CRX.10076 and all subsequent cars.                                                                                                                                                    |
| Long Wheelbase:- | LRX.9877, LRX.10003, LRX.10006 and all subsequent cars.                                                                                                                                                                                                       |

Section

Information Sheet No. 4.L.85

Page No. 1

Date: 1.12.70

CONTROLS LOWER TEMPERATURE FLAPBENTLEY 'T' : SILVER SHADOW

Because of difficulties being experienced in achieving a precise position for Number 4 opening of the lower temperature flap, a micro switch is now being fitted to make it more positive.

The switch is mounted on the actuator bracket and is operated by an extra arm on the actuator lever.

The new parts can be used for all replacements and will be when existing stocks are used up.

If it is desired to fit the modification on an existing car, then of course the complete set of parts will be required.

DISPLACEDUD.13459  
UD.14906

Crank-Lower Temperature Flap Actuator  
Control Rod  
Assy.-Lower Temperature Actuator Bracket  
Right-Hand  
Micro Switch  
Roller - Micro Switch  
Screw 6B.A. - Micro Switch Mounting  
Nut 6B.A. - Micro Switch Mounting  
Washer 6B.A. - Micro Switch Mounting  
Assy. Cable Connection - Actuator Socket  
to Micro Switch

NEW

UD.16134  
UD.16187  
  
UD.16133  
UD.16580  
UG.12676  
UA.10696/Z  
UA.11401/Z  
X.4401/Z  
UD.16212

Section L

Information Sheet No. 4.L.85 Addendum

Page No. 1

Date: 13.1.71.

CONTROLS LOWER TEMPERATURE FLAPBENTLEY 'T' : SILVER SHADOW

The following are Car Serial Numbers to which this modification has been fitted.

Standard:-

|           |                                    |           |
|-----------|------------------------------------|-----------|
| SRH.10276 | SRH.10283                          | SRH.10294 |
| SRH.10277 | SRH.10284                          | SRH.10295 |
| SRH.10279 | SRH.10285                          | SRH.10164 |
| SRH.10280 | SRH.10286                          | SRH.10165 |
| SRH.10281 | SRH.10290 and all subsequent cars. |           |

2-Door Saloon :- CRX.10320 and all subsequent cars.

Convertible :- DRH.10371 and all subsequent cars.

Long Wheelbase cars:- LRX.10366, LRX.10367, LRH.10377 and all subsequent cars.

Cwt/KH.

Section

Information Sheet No. 4.L.86

Page No. 1

Date: 14.12.70

COMBINED FRONT SIDE & FLASHER LAMPBENTLEY 'T' : SILVER SHADOW

To meet further lighting regulations additional markings have been added to the lenses on these lamps and a change in part number for the complete lamp has resulted.

Lamps with Amber Flasher and White Side Lights are now acceptable in all countries except Italy.

DISPLACEDNEW

UD.17063 Combined Front Side & Flasher lamp,  
Amber Flasher and White Side.

UD.17813

UD.17064 Combined Front Side & Flasher lamp,  
White Flasher and White Side (Italy).

UD.17814

**Spares Information Sheet issued for****Bentley T : Silver Shadow**

Section L

Information Sheet No. 4.L.87

Page No. 1

Date 24.2.71.

**WINDSCREEN WIPER****BENTLEY 'T' : SILVER SHADOW**

A Lucas wash/wipe control unit is now being fitted and is used with the existing windscreen washer and wiper switch. Operation of the switch promotes a double action; the windscreen both washed and wiped.

It is no longer possible to have wash action only.

The new part numbers are as follows:-

|          |                                        |
|----------|----------------------------------------|
| UD 17690 | Assy.-Support Bracket-Control Unit     |
| UD 17688 | Fibre Cover                            |
| UD 17694 | Control Unit-Lucas Type 17/RA (33332B) |
| UB 18397 | Distance Piece                         |
| UD 17718 | Assy.-Link Cables/Wash Wipe Switch     |

The following are Car Serial Numbers to which the above modification has been fitted.

Standard saloons - SRX 10236, SRX 10355, SRH 10390, SRH 10392, SRH 10393, SRH 10394, SRH 10395, SRH 10396, SRH 10397, SRH 10398, SRH 10400, SRX 10401, SRH 10402, SRH 10403, SRH 10405, SRH 10407, SBX 10423 and all subsequent cars.

Coachbuilt cars DRH 10376, CRX 10406, DRH 10416 and all subsequent cars.

Long Wheelbase cars LRH 10410, LRH 10411, LRX 10412, LRX 10413, LRX 10414 and all subsequent cars.



**Spares Information Sheet issued for  
PHANTOM VI**

Section L  
 Information Sheet No. 4.L.88  
 Page No. 1  
 Date 9.3.71.

**IGNITION**

An anti-thief coil is now being fitted on these cars.

Piece numbers are as follows:-

**DISPLACED**

|          |                                                      |
|----------|------------------------------------------------------|
| UE 34104 | Coil                                                 |
| UE 32492 | Distance piece-mounting-coil                         |
| UE 16348 | Panel assembly dashboard                             |
|          | Grommet-retaining plate                              |
|          | Grommet-coil lead                                    |
|          | Retaining block tube-coil lead                       |
|          | Retaining screw-tube                                 |
|          | Grommet-dash panel                                   |
|          | Grommet-dash panel                                   |
| UE 32391 | H.T. cable-distributor to coil                       |
| UE 32394 | L.T. cable-distributor to coil                       |
| UE 33475 | H.T. cable-distributor to coil<br>(French cars only) |
| UD 14396 | Cable-condenser to coil                              |
| UD 13396 | Base-switchbox                                       |
| UD 1723  | Cam-contact, ignition                                |

**NEW**

|          |
|----------|
| UE 36427 |
| UE 36433 |
| UE 37277 |
| UE 37279 |
| UE 37280 |
| UR 16716 |
| UR 16732 |
| UB 1051  |
| RD 3097  |
| UE 37371 |
| UE 37374 |
| UE 37373 |
| UD 18079 |
| UD 17126 |
| UD 17127 |

Spares Information Sheet issued for  
BENTLEY T : SILVER SHADOW

Section L  
Information Sheet No. 4.L.89  
Page No. 1  
Date 29.4.71

PERMANENT MAGNET WIPER MOTOR

The electric motor component of the present production wiper assembly, UD 16132 and UD 16605, is used on various makes of motor car; in the interest of commonisation the motor only, gear and friction drive assembly and rack are now being supplied as separate items.

In the majority of cases the rack will be undamaged and can be left in position on the car.

The wiper should be dismantled in accordance with Workshop Manual No. TSD 2476 Chapter M. Only the part actually in need of repair should be returned to Crewe.

Piece numbers are:-

| <u>Description</u>                            | <u>Piece No.</u> |
|-----------------------------------------------|------------------|
| Wiper Motor                                   | CD 5612          |
| Gear and Friction Drive Assembly<br>R.H. cars | CD 5609          |
| Gear and Friction Drive Assembly<br>L.H. cars | CD 5610          |

Cwt/KH

4.M.1.

AIR CONDITIONINGBENTLEY T' AND SILVER SHADOW R.H. CARS ONLY

The output of the heater has been increased by taking the feed directly from the pressure side of the coolant pump.

At the same time the bore of both the feed and return pipes has been increased from 0.425 in. dia. to 0.525 in. dia.

An additional boss on the coolant pump accommodates the feed pipe.

The heater supply tap has been repositioned on a modified hydraulics reservoir bracket.

Inlet and outlet orifices on both heater and tap have been increased in diameter; it has also been necessary to reform the engine breather pipe to avoid a foul.

With the exception of the breather pipe, none of the parts are interchangeable and piece numbers are as follows:-

| <u>Displaced</u> |                                                         | <u>New</u> |
|------------------|---------------------------------------------------------|------------|
| UE.32645         | Assembly Coolant Pump                                   | RII.2381   |
| UE.32599         | Assembly Volute Casing                                  | UE.33699   |
| UE.32537         | Volute Casing                                           | UE.33700   |
|                  | Assembly Heater Feed Pipe                               | UE.33686   |
| UE.33103         | Assembly Heater Return Pipe                             | UE.33688   |
|                  | Cip - Heater Feed and Return Pipes                      | UE.33696   |
| UE.33057         | Hose - Heater Return                                    | UE.33701   |
| UD.11309         | Hose - Heater to Tap                                    | UD.12957   |
| UD.11777         | Hose - Feed - Coolant Tap                               | UD.12961   |
| UR.13785         | Assembly Mounting Bracket - Reservoir and<br>Heater Tap | UR.14603   |
| UD.10924         | Assembly - Heater Box                                   | UD.13016   |
| UD.10934         | Grommet - Heater Box                                    | UD.12960   |
| UD.10914         | Heater Matrix                                           | UD.12735   |

Continued...

DisplacedNew

|          |                                       |          |
|----------|---------------------------------------|----------|
| UD.11307 | Crank - Actuator - Coolant Tap        | UD.12958 |
| UD.11311 | Coolant Tap                           | UD.12956 |
| UD.8005  | 'O' Ring - Coolant Tap                | XB.6203  |
| UD.11300 | Assembly Pipe - Coolant Tap to Heater | UD.12962 |
| UE.32655 | Assembly Breather Pipe                | UE.33834 |

The following existing parts will also be required:-

|                                  |           |
|----------------------------------|-----------|
| Sealing Bobbin                   | UE.32669  |
| Retention Plate - Bobbin         | UE.32670  |
| Setscrew - Retention Plate       | UA.104/Z  |
| Plain Washer                     | UA.1251/Z |
| 'O' Ring - Sealing Bobbin        | CK.610    |
| Setscrew                         | UA.159/Z  |
| Clip - Hose - Heater Connections | RE.4608   |
| Sealing Ring - Adaptors          | UE.31592  |
| Setscrew - 2 B.A.                | UA.1503/Z |
| Nut - 2 B.A.                     | X.4006/Z  |
| Heavy Washer                     | X.4452/Z  |

The following are chassis numbers to which the above modification has been fitted:-

Standard Saloons - chassis 2319, 2345, 2357, 2359, 2361, 2362, 2366, 2372, 2373, 2375, 2387 and onwards less 2389.

Coachbuilt - chassis 2269, 2462 and onwards.

CONTROLS AIR CONDITIONINGBENTLEY 'T' : SILVER SHADOW

Modifications have been made to the lower temperature flap linkage in order to reduce friction.

Actuator and flap cranks have been re-designed and this enables the linkage geometry to be so arranged that there is no cross binding at the pivots.

A means of adjusting the link length has been incorporated.

Individual parts are not interchangeable.

Piece numbers are as follows.

| <u>Displaced</u> |                                          | <u>New</u> |
|------------------|------------------------------------------|------------|
| UD.11159         | Crank, temperature valve                 | UD.13460   |
| UD.11597         | Crank, actuator, lower temperature valve | UD.13459   |
| UD.11860         | Rod, upper control rod                   | -          |
| UD.11859         | Rod, lower control rod                   | -          |
| UA.7463          | Cap, screw control rod                   | -          |
| X.4006/Z         | Nut, 2 BA, upper to lower rods           | -          |
| K.4404/Z         | Nut, 2 BA, upper to lower rods           | -          |
| -                | Control rod assy.                        | UD.13465   |
|                  | Control rod                              | UD.13464   |
|                  | Adjusting nut                            | UD.11857   |
| -                | Crank extension assembly                 | UD.13461   |
|                  | Swivel bolt                              | UD.11858   |
|                  | Washer, swivel bolt                      | X.8801/Z   |
|                  | Crank extension                          | UD.13462   |
|                  | Swivel block                             | UD.13463   |
|                  | Locknut, rod to swivel bolt              | X.4301/Z   |
|                  | Washer, crank bolts                      | X.4446/Z   |
|                  | Bolt, cranks                             | UA.1904/Z  |

4.M.5.

REFRIGERATIONBENTLEY 'T': SILVER SHADOW

To simplify the assembly of the two pipes from the Suction Throttle Valve to the Evaporator, the connection between these has been moved to the engine compartment side of the dashboard panel.

Pipes are not interchangeable and part numbers are as follows:-

DisplacedNew

|          |                                |
|----------|--------------------------------|
| UD.11412 | Assy pipe S.T.V. to connector  |
| UD.13017 | Assy pipe S.T.V. to evaporator |

|          |
|----------|
| UD.13795 |
| UD.13797 |

DUCTING AIR CONDITIONINGBENTLEY 'T' ; SILVER SHADOW

Improvements have been made to the controls which operate the Duct outlet and allows fresh air to the front floor area (Spares Schedule Page No.2) items 15, 22, 26, 27, 28.

Individually the parts are not interchangeable. Piece numbers affected are as follows:-

| <u>DISPLACED</u> |                             | <u>NEW</u> |
|------------------|-----------------------------|------------|
| UD.11328         | Assy. Cable Butterfly Valve | UD.13959   |
| UD.11337         | Control slide               | UD.13962   |
|                  | Wire, Cable, Butterfly      | UD.13963   |
| UD.8067          | Guide, Control              | UD.13964   |
| UD 3653          | Spring Clip                 | -          |
| UD.3651          | Locating Plunger            | -          |

The following are chassis numbers at which the above modification commenced.

Standard Cars SRX 2576 and onwards

4.M.10.

REFRIGERATIONBENTLEY 'T' : SILVER SHADOW

A modified Compressor Extension Pipe Assembly (Spares Schedule page N6 Item 54) is now being fitted. It is simpler and therefore less expensive to manufacture.

It is similar to the original one with the exception that the support bracket brazed on to the forward end of the pipe has been deleted. The assembly is now supported by a detachable bracket bolted on to the modified pipe union, the bracket being secured to the compressor in the normal way.

The new extension pipe and bracket etc., will be supplied for all replacements when stocks of UD.11419 have been used up.

DISPLACEDNEW

|          |                                 |           |
|----------|---------------------------------|-----------|
| UD.11419 | Assy Extension Pipe Compressor  | UD.13812  |
|          | Bracket Pipe Support Compressor | UD.13814  |
|          | 5/16" Bolt, Extension Pipe      |           |
|          | Compressor                      | UA.160/Z  |
|          | Nut                             | UA.302/Z  |
|          | Washer                          | UA.1252/Z |

Please note that the above Modification has been fitted to the following chassis numbers:-

Standard Cars: SRH 2696 and onwards on 1 Fridge Cars.



REFRIGERATIONBENTLEY 'T': SILVER SHADOW

The piece numbers of two of the pipes on refrigerated cars have been changed.

They are as follows:-

| <u>Displaced</u> |                                          | <u>New</u> |
|------------------|------------------------------------------|------------|
| UD.11529         | Assy. Pipe, Connector to Expansion Valve | UD.14567   |
| UD.13797         | Assy. Pipe, S.T.V. to Evaporator         | UD.14569   |

REFRIGERATIONBENTLEY 'T' : SILVER SHADOW

On cars fitted with refrigeration a modified drip tray drain tube, (schedule N.3 item 71) is being fitted.

DISPLACEDNEW

UD.10406

Tube, Drip Tray

UD.14701

UD.10406 is still used on other applications.

Section M

Information Sheet No. 4.M.16

Page No. 1

Date: 1.11.70

REFRIGERATION PIPESBENTLEY T : SILVER SHADOW & PHANTOM VI

Detail improvements have been made to some of the refrigeration pipe assemblies; the changes necessitate the use of modified 'O' rings.

The new pipes together with new 'O' rings will be supplied for all replacements.

'O' rings marked \* on the following list are not interchangeable, and both types will continue to be supplied. 'O' rings other than those, are interchangeable and the new ones will be supplied for all replacements.

The part numbers are as follows:-

| <u>Displaced</u>                                                   | <u>Phantom 6 Front Compartment</u>         | <u>New</u> |
|--------------------------------------------------------------------|--------------------------------------------|------------|
| UD.9322                                                            | Assy Pipe Flexible Hose to S.T.V.          | UD.17313   |
| UD.9348                                                            | Assy Pipe S.T.V. to Toeboard.              | UD.17312   |
| UD.11425                                                           | 'O' Ring S.T.V. Equaliser pipe.            | UD.16703   |
| UD.11426                                                           | 'O' Ring S.T.V. Extension pipe.            | WK.11252 * |
| UD.11426                                                           | 'O' Ring S.T.V. to Toeboard.               | WK.11252 * |
| UD.12231                                                           | 'O' Ring Expansion Valve.                  | UD.16703   |
| <u>Phantom 6, Silver Shadow, Bentley 'T' Boot Refrig'n.</u>        |                                            |            |
| UD.15399                                                           | Assy Pipe Evaporator to S.T.V.             | UD.17309   |
| UD.11426                                                           | 'O' Ring S.T.V. Connections.               | WK.11252 * |
| UD.11425                                                           | 'O' Ring S.T.V. Equaliser pipe.            | UD.16703   |
| <u>Bentley 'T' Silver Shadow Long Wheelbase Front Compartment.</u> |                                            |            |
| UD.16002                                                           | Assy Pipe S.T.V. to Hose and Valance Conn. | UD.17311   |
| UD.14811                                                           | Assy Pipe S.T.V. to Toeboard.              | UD.17310   |
| UD.12231                                                           | 'O' Ring Expansion Valve.                  | UD.16703   |
| UD.11425                                                           | 'O' Ring S.T.V. Equaliser pipe conn.       | UD.16703   |
| UD.11426                                                           | 'O' Ring to tee connection.                | WK.11252 * |
| UD.11426                                                           | 'O' Ring to Toeboard.                      | WK.11252 * |

continued.....

Section M

Information Sheet No. 4.M.16

Page No. 2

Date: 1.11.70

DisplacedNewStandard Bentley 'T' Silver Shadow Front Compartment.

|          |                                     |            |
|----------|-------------------------------------|------------|
| UD.14811 | Assy Pipe S.T.V. to Toeboard.       | UD.17310   |
| UD.15637 | Assy Extension Pipe S.T.V. to Hose. | UD.17308   |
| UD.12231 | 'O' Ring Expansion Valve.           | UD.16703   |
| UD.11426 | 'O' Ring S.T.V. Extension pipe.     | UW.11252 * |
| UD.11426 | 'O' Ring S.T.V. to Toeboard.        | UW.11252 * |

The following are car serial numbers to which the above modification has been fitted.

|                 |                                   |
|-----------------|-----------------------------------|
| Standard        | SRH.9625 onwards except SRX.9626. |
| Coachbuilt      | CBX.9753 onwards.                 |
| Drop Head Coupe | DRX.9643 onwards.                 |
| Long Wheelbase  | LRX.9704 onwards.                 |

Cwt/KH

Spares Information Sheet issued for  
BENTLEY T AND SILVER SHADOW

Section M  
Information Sheet No. 4.M.17  
Page No. 1  
Date 7.6.71

### REFRIGERATION

A revised method of mounting the Suction Throttling Valve (S.T.V.) and its Actuator is now being used which considerably simplifies the installation and removal of these units; a much smaller bracket is now being used which is secured at only one point on the engine valance.

Additional support is provided by a stay secured to the suction throttling valve extension pipe and a modified bracket on the brake fluid reservoir.

Changes have also been made to the pipe end fittings.

As a result, with the exception of UD.16322, none of the parts are interchangeable.

Piece numbers are as follows:-

| <u>DISPLACED</u> |                                                           | <u>NEW</u> |
|------------------|-----------------------------------------------------------|------------|
| -                | Assy.-Support bracket S.T.V. - Actuator.                  | UD.16782   |
| -                | Assy.-Clip S.T.V. ext. pipe.                              | UD.16785   |
| UR.15432         | Assy.-Brake fluid reservoir.                              | UR.16586   |
| UR.15886         | Assy.-Support bracket S.T.V.                              | -          |
| UR.16131         | Assy.-Support bracket, - front reservoir,<br>L.W.B. only. | -          |
| UR.15454         | Assy.-Support bracket, - front reservoir.                 | -          |
| UD.17310         | Assy.-Pipe toeboard to S.T.V.                             | UD.16322   |
| UD.17308         | Assy.-Extension pipe S.T.V. to flexible.                  | UD.16787   |
| UD.11524         | Flexible hose - S.T.V. to compressor.                     | UD.16052   |
| UD.13812         | Assy.-Extension pipe to compressor.                       | UD.16323   |
| UD.15464         | Flexible hose - Compressor to condenser.                  | UD.16051   |
| UR.14027         | Assy.-Pipe flexible to condenser.                         | UD.16318   |
| UR.14011         | Assy.-Condenser unit.                                     | UD.16316   |
| UR.13987         | Assy.-Pipe condenser.                                     | UD.16317   |
| UD.17311         | Assy.-Pipes S.T.V. to flex. valance<br>conn. L.W.B. only. | UD.16789   |

Cwt/KH

Spares Information Sheet issued for

BENTLEY T : SILVER SHADOW

Section M

Information Sheet No. 4.M.17 Add.

Page No. 1

Date 4.6.71

REFRIGERATION

To enable stocks of the original brake fluid reservoir to be used up, an intermediate Assy. Extension Pipe S.T.V. to Flexible Pipe has been introduced. The Part Numbers of these pipes are shown below as the intermediate fitting.

| ORIGINAL FITTING                               |                      |          | INTERMEDIATE FITTING |          | FINAL FITTING        |          |
|------------------------------------------------|----------------------|----------|----------------------|----------|----------------------|----------|
| RESERVOIR                                      | OTHER THAN<br>L.W.B. | L.W.B.   | OTHER THAN<br>L.W.B. | L.W.B.   | OTHER THAN<br>L.W.B. | L.W.B.   |
|                                                | UR.15432             | UR.15432 | UR.15432             | UR.15432 | UR.16586             | UR.16586 |
| ASSY. EXT.<br>PIPE S.T.V.<br>TO FLEX           | UD.17308             | UD.17311 | RH.8480              | RH.8477  | UD.16787             | UD.16789 |
| ASSY. SUPPORT<br>BRACKET<br>RESERVOIR<br>FRONT | UR.15454             | UR.16131 | UR.15454             | UR.16131 | UD.16782             | UD.16782 |
| ASSY. SUPPORT<br>BRACKET S.T.V.                | UR.15886             | UR.15886 | UR.15886             | UR.15866 |                      |          |

The above modification has been fitted to the following cars:-

INTERMEDIATE FITTINGStandard Saloons

SRX.10954, 10963, 10966 - 11016, 11023 - 11045, 11071 - 11108, 11110 - 11114, 11116 - 11132, 11134, 11136.

Coachbuilt Cars

DRX.10986 - 10988, 11050, 11052, 11054 - 11056, 11065, 11067, 11069, 11070, 11148, 11149, 11151, 11152, 11205, 11207.

Long Wheelbase Cars

LRH.10823, 11021, 11022, 11046 - 11049, 11057, 11059 - 11063, 11140 - 11147, 11156, 11158 - 11161, 11163, 11244.

Continued...

Spares Information Sheet issued for

BENTLEY T : SILVER SHADOW

Section M

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FINAL FITTING

Standard Cars

SRH.11133, 11135, 11137 - 11139, 11166 - 11181, 11183 - 11187 and all subsequent cars.

Coachbuilt Cars

CRH.11150, 11153 - 11155, 11206, 11208, 11211, 11239 and all subsequent cars.

Long Wheelbase Cars

LRX.11157, 11162, 11164, 11165, 11243, 11245 - 11254, 11285 and all subsequent cars.

---

Cwt/KH/DB

BODYBENTLEY 'T': SILVER SHADOW

Modifications have been made to the front seat rake release mechanism in order to provide a smoother action.

The equaliser cables now act through the medium of a balance lever instead of by direct pull on the back plate flaps.

The back plate assemblies are secured to the seat frame by shouldered screws in place of the pivot pins and retaining rings formerly used.

The control cable bracket has been replaced by one which is secured to the seat frame by the control cable fulcrum screw. The lower end of the bracket serves as the fulcrum stop for the equaliser cable. Another of these brackets is bolted to the seat frame on the opposite side, its sole purpose being to serve as a stop for the equaliser cable on this side.

The new back plate assy can be used for all replacements if the shouldered screw is also supplied.

Piece numbers are as follows:-

| <u>Displaced</u> |                                | <u>New</u> |
|------------------|--------------------------------|------------|
|                  | Balance lever assy, L.H.       | UB.14253   |
|                  | Balance lever assy, R.H.       | UB.14252   |
| UB.12771         | Back plate assy L.H.           | UB.14259   |
| UB.12772         | Back plate assy R.H.           | UB.14260   |
| UB.12786         | Pivot pin, back plate to frame | UB.14250   |
| UB.11170         | Retaining ring, pin            |            |
| UB.13412         | Cable bracket                  | UB.14251   |
|                  | Bolt, link to flap             | CS.30543/Z |
|                  | Nut bolt                       | X.4006/Z   |
|                  | Split pin, link to flap        | UA.10050/Z |



4.N.3.

**FRONT SEAT SLIDE MECHANISM****BENTLEY 'T': SILVER SHADOW**

In order to improve the efficiency of the seat slide mechanism, some minor modifications have been effected.

In addition the distance piece and bolts replace the existing shouldered screws (Spares Schedule, Sheet L.26, Item 20) in the clutch connecting levers, the holes in the levers having been increased in diameter.

The new seat mechanism should be used for all replacements.

Piece numbers are as follows:-

| <u>Displaced</u> |                       | <u>New</u> |
|------------------|-----------------------|------------|
| UB.12979         | Assy - Seat Mechanism | UB.14281   |
|                  | Distance Piece        | UB.14274   |
| UB.13015         | Bolt                  | UB.14273   |

BADGE BAR AND BADGE BRACKETS

BENTLEY 'T': SILVER SHADOW

Badge Bar and Badge mounting brackets are now available as follows:-

A single bracket which is trapped between the bumper bar and number plate strut support; the bumper bar is not drilled for this type of bracket.

A Badge bar and brackets for which the bumper bar must be drilled.

Piece numbers are as follows:-

|          |                                    |
|----------|------------------------------------|
| UB.14321 | Badge Bar                          |
| UB.14308 | Bracket mounting to bar            |
| UB.14343 | Bracket - Badge to No. plate strut |

FRONT AND REAR DOOR FITTINGSBENTLEY 'T' : SILVER SHADOW

The efficiency of the ventilator seal, on the front door (L24 Ref.25) has been improved by some minor modifications to both the ventilator seal and the window frame.

The improvements in the window frame have made it possible to commonise the seal and backing strip assembly on the front door (L24 Ref. 20).

There is also a change in piece number of the backing strip assembly on the rear door (L25 ref. 19).

All parts are completely interchangeable and when stocks have been used up the new part can be used for all replacements.

DISPLACEDNEW

|          |                                            |          |
|----------|--------------------------------------------|----------|
| UB.12309 | Seal-Ventilator - Front Door L.H.          | UB.14323 |
| UB.12310 | Seal-Ventilator - Front Door R.H.          | UB.14324 |
| UB.14511 | Welding Assy. - Frame - Front Door L.H.    | UB.14409 |
| UB.14512 | Welding Assy. - Frame - Front Door R.H.    | UB.14410 |
| UB.12205 | Assy. - Seal - Backing Strip - Front Door) | UB.14422 |
| UB.12206 | Assy. - Seal - Backing Strip - Front Door) |          |
| UB.12569 | Welding Assy. - Frame - Rear Door L.H.     | UB.14411 |
| UB.12570 | Welding Assy. - Frame - Rear Door R.H.     | UB.14412 |
| UB.12183 | Assy. - Seal - Backing Strip - Rear Door   | UB.14421 |

INTERIOR GRAB HANDLESBENTLEY 'T': SILVER SHADOW

Trouble has sometimes been experienced with interior door handles (spares schedule page L.24 item 124). Cars have been modified from the commencement of production. Use new parts for all replacement of individual items. If grab handle and door handle assy. complete is required fit new parts given on Spares Information Sheet 4.N.12.

Piece numbers are as follows:-

DisplacedNew

|          |                                         |          |
|----------|-----------------------------------------|----------|
| UB.12733 | Assy. interior grab handle LH - front   | UB.14501 |
| UB.12251 | Grab handle LH - front and rear         | UB.14489 |
| UB.12269 | Assy. base LH - front                   | UB.14485 |
| UB.12253 | Assy. interior handle LH - front & rear | UB.14493 |
| UB.12734 | Assy. interior grab handle RH - front   | UB.14502 |
| UB.12252 | Grab handle RH - front & rear           | UB.14490 |
| UB.12270 | Assy. base RH - front                   | UB.14486 |
| UB.12254 | Assy. interior handle RH - front & rear | UB.14492 |
| UB.12755 | Assy. interior grab handle LH - rear    | UB.14503 |
| UB.12271 | Assy. base LH - rear                    | UB.14487 |
| UB.12756 | Assy. interior grab handle RH - rear    | UB.14504 |
| UB.12272 | Assy. base RH - rear                    | UB.14488 |

INTERIOR GRAB HANDLESBENTLEY 'T': SILVER SHADOW

A further improvement has been effected on the interior grab handles (spares schedule page L.24 item 124).

Complete grab handle assemblies are interchangeable and the new ones will be used for all replacements. Individual items are not interchangeable. Appropriate parts should be ordered according to the original equipment fitted.

Piece numbers are as follows:-

| <u>Displaced</u> |                                     | <u>New</u> |
|------------------|-------------------------------------|------------|
| UB.14501         | Assy. interior grab handle LH front | UB.14473   |
| UB.14493         | Interior handle LH front & rear     | UB.14465   |
| UB.14485         | Assy. base LH front                 | UB.14469   |
| UB.14502         | Assy. interior grab handle RH front | UB.14474   |
| UB.14492         | Interior handle RH front & rear     | UB.14466   |
| UB.14486         | Assy. base RH front                 | UB.14470   |
| UB.14503         | Assy. interior grab handle LH rear  | UB.14471   |
| UB.14487         | Assy. base LH rear                  | UB.14467   |
| UB.14504         | Assy. interior grab handle RH rear  | UB.14472   |
| UB.14488         | Assy. base RH rear                  | UB.14468   |

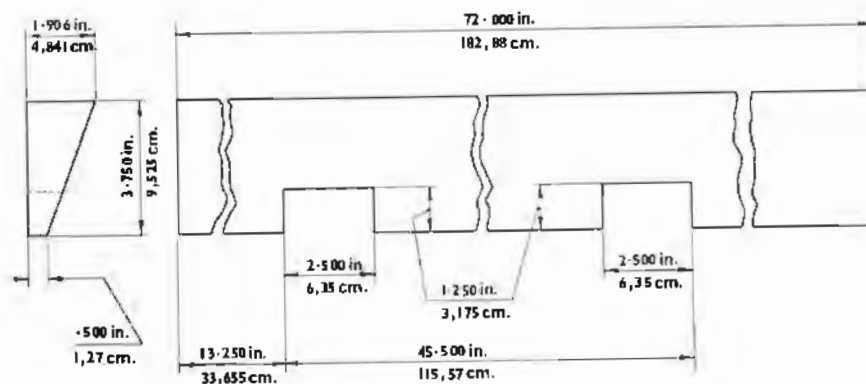
4.N.20.

BODY - TOOLSBENTLEY 'T': SILVER SHADOW

In order to protect the body sills and provide suitable support when the front or rear suspension units are removed, special wooden beams have been designed, RH.7820.

It is thought that retailers will prefer to make their own and for this reason, whilst they could be provided if necessary, stocks will not be kept by Rolls-Royce.

The beams can be made from any soft wood and dimensions are as follows:-



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

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INSTRUMENT BOARDBENTLEY 'T': SILVER SHADOW

Modified mounting bracket assemblies (Spares Schedule L.23 Items 62 & 64) are now being used in order to simplify the fitting of the instrument board. The brackets are secured by through .250 bolts and self embedding nuts and a locking plate replaces existing wood screws and rivets.

The new brackets can be used for all replacements if the bolts and special nuts are also fitted.

Piece numbers of the following screws (Spares Schedule K.6 Item 139, L.23 Items 71, 156, 155, 162, 163) have also been changed.

| <u>Displaced</u> |                                             | <u>New</u> |
|------------------|---------------------------------------------|------------|
|                  | Locating plate - centre support bracket     | UB.14742   |
|                  | Hardwood fillet - centre support bracket    | UW.11334   |
| UB.12591         | Assy - mounting bracket (RH)                | UB.14740   |
|                  | (LH)                                        | UB.14741   |
| UB.12486         | Assy - mounting bracket                     | UB.14737   |
| UA.8683/E        | Woodscrew ) Bolt                            | UA.103/Z   |
| CS.36589         | Semi tubular rivet)                         |            |
|                  | Plate securing mounting bracket             | UB.14750   |
|                  | Heavy plain washer                          | UA.6 02/Z  |
|                  | Dot teenut                                  | UD.13800   |
| UA.6803/Z        | Screw - picture plate to side bracket       | UD 13802   |
| UA.105/Z         | Bolt - Inst. board to centre support        | UA.45 4/Z  |
| CS.34356/E       | Washer - Parcel tray to inst. board         | CS 34322/E |
| UA.6805/E        | Woodscrew - Parcel tray to inst. board      | CS.31483/E |
| UA.6805/E        | Woodscrew - Hand brake pocket to inst board | CS.31483/E |
| CS.34356/E       | Washer - Hand brake pocket                  | CS.34322/E |

DOOR GLASS SEALBENTLEY 'T' : SILVER SHADOW

The door drop glass seals (Spares Schedule sheet L24 items 2, 3, 4, sheet L25 item 2 and 3) have been replaced by one in a continuous piece. This new seal will be supplied for all replacements when existing stocks have been used up.

The piece numbers are as follows:-

DISPLACEDNEW

|          |                                              |          |
|----------|----------------------------------------------|----------|
| UB.13723 | Seal-Top-Front Window Glass L.H. )           |          |
| UB.12702 | Seal-Front Channel )                         | UB.14711 |
| UB.12704 | Seal-Rear-Rear Frame )                       |          |
| UB.13724 | Seal-Top-Front Window Glass R.H. )           |          |
| UB.12702 | Seal-Front Channel )                         | UB.14710 |
| UB.12704 | Seal-Rear-Rear Frame )                       |          |
| UB.12704 | Seal-Drop Glass, Rear Doors )                | UB.14709 |
| UB.13725 | Seal Top-Drop Glass, Rear Doors )            |          |
| UB.12704 | Seal-Forward and Rear-Rear Door L.W.B. Cars) | UB.14712 |
| UB.13731 | Seal-Top-Drop Glass, Rear Doors L.W.B. Cars) |          |



SEAT RAKE MECHANISMBENTLEY 'T': SILVER SHADOW

To improve accessibility and reduce operating loads at the handle, the seat rake mechanism has been modified.

The new parts are not interchangeable.

It is not considered to be a practicable proposition to install the modified mechanism on existing cars.

Piece numbers are as follows:-

| <u>Displaced</u> |                                                  | <u>New</u> |
|------------------|--------------------------------------------------|------------|
| UB 12750         | Assy Frame - Seat R.H.)                          |            |
| UB 13965         | Assy Frame - Seat L.H.)                          | UB.14644   |
| UB 13410         | Handle - Rake Mechanism                          |            |
| UA.4955/E        | Screw-handle to lever                            |            |
| UB.13553         | Assy - Lever & Shaft L.H. - Assy. Rake Lever     | UB.14638   |
| UB.13554         | Assy. Lever & Shaft R.H. - Assy Rake Lever       | UB 14639   |
| UB.13689         | Spring - Rake Mechanism                          | UB.14613   |
| UB.13414         | Cable Equalising - Rake Mechanism)               |            |
| UB.13413         | Cable - Control - Rake Mechanism ) Control Cable | UB.14625   |
| UB.13412         | Bracket - Stop - Equalising Cable                |            |
| UA.102/Z         | Bolt Cable Stop Bracket                          |            |
| UB.13470         | Assy Bracket & Bush                              |            |
| UD.11266         | Fasten nut - Bracket - Seat                      |            |
| UA.7384/Z        | Screw - Fasten Nut                               |            |
| UB.13477         | Assy. - Front & Rear Plates                      |            |
| UA.1252/Z        | Washer - Plates to Bracket                       |            |
| UB 14127         | Circlip                                          |            |
| UB.13401         | Assy. Valance Seat L.H.                          | UB.14631   |
| UB.13402         | Assy. Valance Seat R.H.                          | UB.14632   |
|                  | Bearing Lever                                    | UB.14614   |
|                  | Bolt - Pivot                                     | UA.106/Z   |
|                  | Link Connecting Rake Handle to Balance Lever     | UB.14617   |
|                  | Spring Dowel Pin Link                            | UB.14626   |
|                  | Retaining Clip                                   | UB.14628   |
|                  | Spring Clip - Cable Support                      | UB.14627   |

PETROL FILLER DOORBENTLEY 'T' : SILVER SHADOW

The petrol filler door (Spares schedule sheet L10 item 19) has been modified, to accommodate a new hinge.

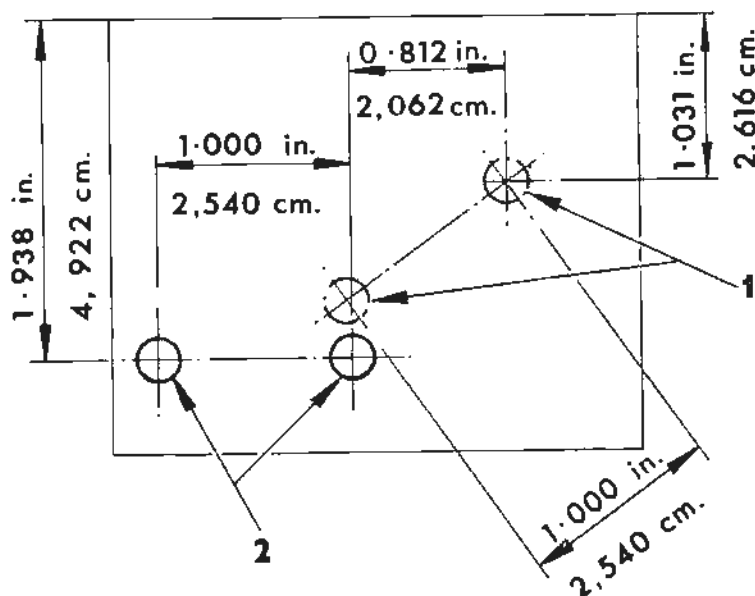
The new parts will be supplied for all replacements but it will be necessary to remove the existing bracket weld nut in the petrol filler box and drill new holes. A small drill jig should be made up as shown in Figure 1. This can be bolted to the box using the existing holes. After the new holes have been drilled the original holes should be blanked off.

DISPLACEDNEW

|            |                                                         |          |
|------------|---------------------------------------------------------|----------|
| 31260/0184 | Assy. - Petrol filler door                              | UB.14778 |
| 11260/0301 | Panel - Petrol filler door                              | UB.14779 |
|            | Assy. - Upper mounting bracket                          | UB.14784 |
|            | Assy. - Lower mounting bracket                          | UB.14786 |
| UB.12137   | Assy. --Door bump stop                                  | UB.14790 |
|            | Stop vertical (stuck with Bostik 1755 to lower bracket) | UB.14789 |
| UB.12583   | Return spring - door                                    | UB.14793 |
|            | Packing piece - Lower mounting bracket                  | UB.14794 |

Fig.1 Position of holes in petrol filler door

- 1 2 EXISTING HOLES  
2 2 ADDITIONAL HOLES



4.N.42.

FUSEBOX

BENTLEY 'T' - SILVER SHADOW

The fusebox carrier (Spares Schedule Sheet L.23 item 171) has been slightly modified in order to prevent a tendency for the wires to chafe when it is opened and closed.

The piece numbers are as follows:-

UB.12894 Assy. - Hinged Mtg. Brkt. - Fusebox - R.H.D. Cars  
UB.15381 Assy. - Hinged Mtg. Brkt. - Fusebox - L.H.D. Cars

ROOF RACK

BENTLEY 'T' ; SILVER SHADOW

A roof rack is now available, to be fitted at Customers request only.

The part number is UB.14998.

FRONT DOOR WINDOW FRAMEBENTLEY 'T': SILVER SHADOW

The striker plate (Spares Schedule Sheet L 24 item 37) has been lengthened, and the waistrail finisher (Sheet L 24 item 84) modified to suit.

The tapping block (Spares Schedule Sheet L 24 item 48) has been modified to make it common for both R.H. and L.H.

All parts are interchangeable.

Piece numbers are as follows:-

| <u>Displaced</u> |                                                 | <u>New</u> |
|------------------|-------------------------------------------------|------------|
| UW.10594         | Assy. - Finisher - Waistrail - R.H.             | UW.11468   |
| UW.10593         | Assy. - Finisher - Waistrail - L.H.             | UW.11467   |
| UW.11908         | Assy. - Finisher - Waistrail - R.H. with mirror | UW.11470   |
| UW.11909         | Assy. - Finisher - Waistrail - L.H. with mirror | UW.11469   |
| UB.13446         | Striker Plate - Front Vent ( R.H.               | UB.14965   |
|                  | ( L.H.                                          | UB.14964   |
| UB.14140         | Striker Plate Front Vent - R.H. with mirror     | UB.14967   |
| UB.14139         | Striker Plate Front Vent - L.H. with mirror     | UB.14966   |
| UB.14142         | Tapping Block - Mirror                          | UB.14141   |

SILL CONTROL - REAR DOOR L.W.B.BENTLEY 'T' : SILVER SHADOW

Further to Information Sheet 4.N.68. the fittings connecting the 'Bowden' cable sill control have been changed. The 'Bowden' cable (with additional fittings removed) is interchangeable, but should it be necessary to replace the brackets, the complete cable would have to be supplied.

The part numbers are as follows:-

DISPLACEDNEW

|          |                                           |          |
|----------|-------------------------------------------|----------|
| UB.17365 | Assy. - 'Bowden' cable                    | UB.17892 |
| UB.17338 | Support bracket - Cable to door lock R.H. | UB.17882 |
| UB.17337 | Support bracket - Cable to door lock L.H. | UB.17883 |
| UB.17420 | Assy. - Lever - Door Lock R.H.            | UB.17916 |
| UB.17419 | Assy. - Lever - Door Lock L.H.            | UB.17915 |
| UB.17408 | Support bracket - Cable to button R.H.    | UB.17880 |
| UB.17407 | Support bracket - Cable to button L.H.    | UB.17881 |
| UB.12856 | Bush - Sill control button                | UB.17884 |

4.L.49.  
(Issue 2)

- 2 -

The foregoing modification has been fitted to the following car serial numbers:-

Standard Cars SBH.2617, SRH 2632, SRX.2636, SRH.2637, SBH.2638, SRH.2639,  
SRX 2640, SRH.2641, SBX.2642, SRH.2645, SRH.2648 and onwards  
less 2721 and 2722.

PETROL FILLER DOOR CATCHBENTLEY 'T': SILVER SHADOW

An improved petrol filler door catch is now being fitted.

Individually the parts are not interchangeable - the numbers are as follows:

| <u>Displaced</u> |                                      | <u>New</u> |
|------------------|--------------------------------------|------------|
| UD.11730         | Assy. Catch, Lock Petrol Filler Door | UD.13863   |
| UD.11732         | Pivot Bracket                        | UD.13867   |
| UD.11731         | Bolt, Pivot                          | UA.1955/Z  |
|                  | Tube Clamping                        | UD.13868   |
|                  | Washer, Plain Pivot Tube             | UD.13869   |
| UD.11735         | Split Pin                            | UA.19130   |
|                  | Nut 3 B.A. Pivot                     | X.4005/Z   |
|                  | Washer Split Pin                     | X.4402/Z   |
| X.4304/Z         | 3 B.A. Nut                           |            |
| UD.5033          | 3 B.A. Washer                        |            |
| X.4446/Z         | 3 B.A. Washer                        |            |
| UD.11734         | Plastic Ring                         |            |
| UD.11733         | Bolt, Pivot Arm                      |            |

The following are chassis numbers that incorporate the above modification.

Standard Cars 2387 and onwards.

Coachbuilt Cars 2504 and onwards.

(1) Re-issued to bring into line with latest alteration.



4.N.55.  
Issue 2FRONT DOOR WINDOW FRAMEBENTLEY 'T' : SILVER SHADOW

Front doors with a fixed quarter light are now being fitted.

The swivelling quarter light will continue to be fitted as a Customers request item.

If the new finisher is used, the complete welded assembly is interchangeable.

Piece numbers are as follows:-

DISPLACEDNEW

|          |                                                       |          |
|----------|-------------------------------------------------------|----------|
| UB.14409 | Welded Assy - Front door frame - L.H.                 | UB.15051 |
| UB.14410 | Welded Assy - Front door frame - R.H.                 | UB.15052 |
|          | Welded Assy - Front door frame - R.H.<br>with mirror. | UB.15776 |
|          | Welded Assy - Front door frame - L.H.<br>with mirror. | UB.15777 |
|          | Assy Support Plate and Front channel - L.H.           | UB.15441 |
|          | Assy Support Plate and Front channel - R.H.           | UB.15440 |
|          | Fixed quarter light - Plain.                          | UB.15758 |
|          | Fixed quarter light - Sundym.                         | UB.15060 |
|          | Seal-fixed quarter light - Lower - L.H.               | UB.15438 |
|          | Seal-fixed quarter light - Lower - R.H.               | UB.15439 |
|          | Seal-fixed quarter light - Rear.                      | UB.15073 |
|          | Seal-fixed quarter light - Front.                     | UB.15074 |
| UW.11467 | Assy Finisher - Front door - L.H.                     | UW.11507 |
| UW.11468 | Assy Finisher - Front door - R.H.                     | UW.11506 |

Continued...

4.N.55.  
Issue 2

- 2 -

The above modification has been fitted from the following chassis numbers:-

Standard cars - SRH 3552 and onwards

(1) Re-issued to add chassis numbers.

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

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4.N.59.

FUSEBOXBENTLEY 'T': SILVER SHADOW

Some alterations have been made to the fusebox carrier trim and identification plate (Spares Schedule Sheet L.23 items 164, 166, 168, 169, 170) with the object of improving the trim.

Part numbers are as follows:-

| <u>Displaced</u> |                                                   | <u>New</u> |
|------------------|---------------------------------------------------|------------|
| UB.15381         | Assy. Hinged Mtg. Bracket - Fusebox L.H.D. cars   | UB.15383   |
| UB.12894         | Assy. - Hinged Mtg. Bracket - Fusebox R.H.D. cars | UB.14868   |
| UD.12168         | Retaining Cover - Fusebox Identification Plate    | UB.14862   |
|                  | Trim Plate Fusebox Carrier R.H.D. cars            | UB.14856   |
|                  | Trim Plate Fusebox Carrier L.H.D. cars            | UB.14857   |
| UB.13094         | Cover - Hinges - Fusebox R H.D. cars              | UB.14858   |
| UB.13093         | Cover - Hinges - Fusebox L.H.D. cars              | UB.14859   |
|                  | Assy. - Identification Plate Fuseboard            | UB.14892   |
| CS 30077/Z       | Screw 4 B.A. cover to hinges                      | UA.6844/Z  |
| UB.13657         | Base Plate Identification Plate                   |            |

UB.14868, 14858, 14859 will be used for all replacements. In the case of the last two it may be necessary to remove pressed in bushes. The remainder of the parts are not interchangeable and all will be supplied for spares.

CONTROL RODS - DOORSBENTLEY 'T' : SILVER SHADOW

In order to ensure a more positive fitting in the bush, the control rod ends have been reshaped.

The new rods may be used for all replacements.

Piece numbers are as follows:

DISPLACEDNEW

|          |                                                 |          |
|----------|-------------------------------------------------|----------|
| UB.13065 | Assy - Control rod & adjusting piece - F/Doors  | UB.15390 |
| UB.12855 | Sill control rod - lever to lock - LH - F/Doors | UB.15391 |
| UB.12854 | Sill control rod - lever to lock - RH - F/Doors | UB.15392 |
| UB.13697 | Assy. - Control rod - LH - F/Doors              | UB.15395 |
| UB.13696 | Assy. - Control rod - RH - F/Doors              | UB.15396 |
| UB.14839 | Sill Control rod - lever to lock - R/Doors      | UB.15384 |
| UB.12813 | Assy. - Control Rod - LH - R/Doors              | UB.15397 |
| UB.12814 | Assy. - Control Rod - RH - R/Doors              | UB.15398 |
| UB.12695 | Assy. - Control Lever - LH - R/Doors            | UB.15401 |
| UB.12713 | Assy. - Control Lever - RH - R/Doors            | UB.15402 |

BOOT LIDBENTLEY 'T' : SILVER SHADOW

The boot lid seal (Spares Schedule Sheet L.30 item 48) which has been completely redesigned, is now fixed to the body and the buffers (Spares Schedule Sheet L.30 item 47) are no longer required. Two drain holes have been introduced into the body drain channel and covered with a plate.

For details of fixing, see Service Bulletin SY/S5.

The new seal is interchangeable.

Piece numbers are as follows:-

| <u>Displaced</u> |                          | <u>New</u> |
|------------------|--------------------------|------------|
| UB.12630         | Boot lid seal - upper    | UB.15695   |
| UB.12895         | Buffer - boot lid        |            |
|                  | Cover plate - drain hole | UB.15696   |
|                  | Screw - cover plate      | UA.7352/2  |

The above modification has been fitted from the following Chassis numbers:

Standard Cars - RR-SRX 3369 and onwards  
Bentley - SBH 3389 and onwards

SEAT RAKE MECHANISMBENTLEY 'T' : SILVER SHADOW

The present rake lever assembly (Spares Information Sheet 4.N.36.) has a brazed in operating pin. An adjustable one operating in an elongated slot is now being fitted.

The new lever assembly can be used in place of the old one but, of course, the new pin, with nut and washer, will also have to be provided.

Piece numbers are as follows.

DISPLACEDNEW

|          |                           |           |
|----------|---------------------------|-----------|
| UB.14638 | Assy: - Rake lever - L.H. | UB.16121  |
| UB.14639 | Assy: - Rake lever - R.H. | UB.16122  |
| UB.14616 | Connecting pin            | UB.16117  |
|          | Nut - Connecting pin      | UA.302/Z  |
|          | Washer - Connecting pin   | UA.1252/Z |
| UB.14251 | Cable abutment bracket    | UB.16125  |

The above modification has been fitted from the following chassis numbers :- SRH 4115, SRX 6092.

(1) Re-issued to add chassis numbers.

BONNET STOPBENTLEY 'T' : SILVER SHADOW

To increase the clearance between the bonnet stop and the front edge of the bonnet, the stop and roller bracket (Spares schedule C.1, item 46 and L.8, item 40) have been modified. (The parts are not interchangeable and should any cars previous to car serial numbers SRH.4452, CRH.5072 and SRX.6428 require replacements of either stop or roller bracket, the two new assemblies should be supplied together, with the reinforcement.

Piece numbers are as follows:-

DISPLACED

|          |                              |
|----------|------------------------------|
| UB.13056 | Assembly - Roller Bracket    |
| UB.13055 | Assembly - Stop Bracket      |
| UB.13051 | Reinforcement - Stop Bracket |

NEW

|          |
|----------|
| UB.16176 |
| UB.16175 |
| UB.16165 |

4.N.68.

SILL CONTROL - REAR DOORL.W.B. BENTLEY 'T' : SILVER SHADOW

The sill control levers and brackets on L.W.B. cars have been replaced with a 'Bowden' cable running from the button to the lock.

The part numbers are as follows:-

DISPLACEDNEW

|           |                                              |          |
|-----------|----------------------------------------------|----------|
|           | Assy. - 'Bowden' Cable Button to Lock        | UB.17365 |
|           | Seal - 'Bowden' Cable                        | UB.16609 |
|           | Assy. - Support Bracket Cable to Button L.H. | UB.17407 |
|           | Assy. - Support Bracket Cable to Button R.H. | UB.17408 |
|           | Doubling Plate - Bracket to Door             | UB.17411 |
|           | Split Sleeve 'Bowden' Cable                  | UB.16613 |
|           | Nipple - Cable End                           | UB.17371 |
|           | Screw - Nipple - Cable End                   | UB.17372 |
|           | Bracket Support Cable to Lock - L.H.         | UB.17337 |
|           | Bracket Support Cable to Lock - R.H.         | UB.17338 |
|           | Distance Tube Bracket                        | UB.17345 |
|           | Assy. Lever - L.H. - Lock                    | UB.17419 |
|           | Assy. Lever - R.H. - Lock                    | UB.17420 |
| UB.13064  | Control Rod and Button Assy.                 |          |
| X.4005/Z  | Lock-Nut                                     |          |
| UB.15390  | Control Rod Adjusting Piece                  |          |
| UB.12701  | Bush - Sill Control Lever - Front            |          |
| UA.301/Z  | Nut - Lever Spindle                          |          |
| UA.6102/Z | Washer                                       |          |
| UB.12712  | Lever - Sill Control Rod Front - R.H.        |          |
| X.4006/Z  | Nut                                          |          |
| UB.13071  | Bush                                         |          |
| XC.178/Z  | Bolt                                         |          |
| UA.6101/Z | Washer                                       |          |
| UB.13070  | Bracket - Support - Control Rod              |          |
| UB.15386  | Control Rod - Lever Front to Lever Rear      |          |
| UB.15485  | Lever Assy. Lock to Control Rod - L.H.       |          |
| UB.15486  | Lever Assy. Lock to Control Rod - R.H.       |          |
| UD.11158  | Bush - Lever to Lock                         |          |
| UB.13667  | Washer - Bush                                |          |



4.N.70.

PARCEL TRAY ATTACHMENTBENTLEY 'T' : SILVER SHADOW

The parcel tray is now attached to the dash platform with a 2 BA bolt; bracket UB.14948 is no longer required.

Part Numbers are as follows:-

DisplacedNew

|          |                                      |          |
|----------|--------------------------------------|----------|
| UB.15903 | Assy. Parcel Tray - Lower Facia L.H. | UB.16601 |
| UB.15904 | Assy. Parcel Tray - Lower Facia R.H. | UB.16602 |
| UB.14948 | Assy. Bracket                        |          |

The new parcel tray can be used for replacements, bracket UB.14948 being transferred from the displaced part.

4.N.71.

FRONT DOOR HINGE SEALS

BENTLEY 'T' : SILVER SHADOW

The hinge seals (Spares Schedule Page L.24, Items 172-3) are now fixed to the door with fastex drive fasteners instead of adhesive.

The part number of the fastex drive fastener is UB.16836.

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

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FRONT DOORSBENTLEY 'T' : SILVER SHADOW

The front door armrests on SS cars (sheet L.24 items 179, 180 and 181) have been modified to give a slimmer appearance. Complete assemblies are interchangeable, but not individual items.

Piece numbers are as follows:-

DISPLACEDNEW

|            |                                      |             |
|------------|--------------------------------------|-------------|
| UW.11614   | Finger Hole - Trim pad               |             |
| UW.11643   | Cover - Trim pad                     |             |
| UB.14671   | Flange finisher                      |             |
|            | Plate - Cushion - Armrest            | UB.16920    |
| UB.15406   | Grab strap - Armrest                 | UB.16959    |
| UB.15404   | Assy. - Base plate - Armrest         | UB.16958    |
| UW.11619   | Assy. - Armrest                      | UW.12484    |
| UW.11607   | Assy. - Cushion - Armrest            | UW.12485    |
| UW.11615   | Cushion top - Armrest                | UW.12486    |
|            | Assy. - Baseplate to slide - Armrest | UB.16954    |
| UA.10513/Z | Tube - Distance                      | UA.10519, / |

BODY TRIM - TONNEAUBENTLEY 'T' : SILVER SHADOW

To simplify the removal of the backlight, the Finishers (page L.29 items 5, 7, 17) and adjacent parts (page L.28/4 items 9, 10, 11, 78, 79, 80) have been replaced with re-designed parts; a complete set only, is interchangeable.

Piece numbers are as follows:-

| <u>DISPLACED</u> |                                                  | <u>NEW</u> |
|------------------|--------------------------------------------------|------------|
| UW.10661         | Assy. Finisher - Lower - Rear window             |            |
|                  | Assy. Finisher - Lower - Rear window ('Ambla')   | UW.12969   |
|                  | Assy. Finisher - Lower - Rear window (Headcloth) | UW.12970   |
| UW.10653         | Assy. Finisher - Upper - Rear window             | UW.12980   |
| UW.10455         | Trimmed assy. - Parcel shelf ('Ambla')           | UW.12982   |
| UW.11240         | Trimmed assy. - Parcel shelf (Headcloth)         | UW.12983   |
| UW.10665         | Trim panel parcel shelf                          |            |
| UW.10848         | Tacking strip                                    |            |
|                  | Tacking strip - Upper corner - L.H.              | UW.12975   |
|                  | Tacking strip - Upper corner - R.H.              | UW.12976   |
|                  | Tacking strip - Side - Backlight - L.H.          | UW.12977   |
|                  | Tacking strip - Side - Backlight - R.H.          | UW.12978   |
|                  | Tacking strip - Upper - Backlight                | UW.12979   |

The above modification has been fitted to the following Car Serial Numbers:

6860, 6901, 6911 and onwards.

SILL CONTROL - REAR DOOR L.W.B.BENTLEY 'T' : SILVER SHADOW

Further to Information Sheet 4.N.68, the fittings connecting the 'Bowden' cable sill control have been changed. The 'Bowden' cable (with additional fittings removed) is interchangeable, but should it be necessary to replace the brackets, the complete cable would have to be supplied.

The part numbers are as follows:

DISPLACEDNEW

|          |                                           |          |
|----------|-------------------------------------------|----------|
| UB.17365 | Assy. 'Bowden' cable                      | UB.17892 |
| UB.17338 | Support bracket - Cable to door lock R.H. | UB.17882 |
| UB.17337 | Support bracket - Cable to door lock L.H. | UB.17883 |
| UB.17420 | Assy. Lever - Door Lock R.H.              | UB.17916 |
| UB.17419 | Assy. Lever - Door Lock L.H.              | UB.17915 |
| UB.17408 | Support bracket - Cable to button R.H.    | UB.17880 |
| UB.17407 | Support bracket - Cable to button L.H.    | UB.17881 |
| UB.12856 | Bush Sill control button                  | UB.17884 |

(1) Re-issued to amend Information Sheet Number.

FRONT DOOR WARNING LAMPBENTLEY 'T' : SILVER SHADOW

On Cars from Serial Number 9000, a warning lamp has now been placed in the front door rear facing panel, should it be necessary to use this door for a replacement on earlier cars, grommet UB.1051 will be supplied.

DISPLACEDNEW

|                                  |          |
|----------------------------------|----------|
| Cover - warning lamp             | UB.17207 |
| Assy. bulb holder - warning lamp | UD.16097 |

The following existing parts will also be required.

UB.13576 - Lens  
UD.15188 - Bulb  
XB.1080 - Washer - Aluminium

Section N

Information Sheet No. 4.N.83

Page No. 1

Date: 17.11.70

FRONT DOOR HINGESBENTLEY 'T' : SILVER SHADOW

Cam and Roller type stop checks have been introduced on the front door upper hinges (Spares Schedule Sheet L 18/1); this makes the checks on the lower hinges unnecessary and they have been removed; in fact this is the only difference between the new and displaced lower hinges.

If the new upper hinge is used as a replacement, the check springs should be removed from the lower hinge.

The new lower hinge cannot of course be used as a replacement unless the new upper hinge is also fitted.

DISPLACEDNEW

|          |                                          |          |
|----------|------------------------------------------|----------|
| UB.20248 | Hinge assembly - R.H. upper - front door | UB.17938 |
| UB.20249 | Hinge assembly - L.H. upper - front door | UB.17937 |
| UB.20714 | Hinge assembly - R.H. lower - front door | UB.14901 |
| UB.20715 | Hinge assembly - L.H. lower - front door | UB.14900 |

Fitted to Car Serial Numbers SRH.9635, SBH.9709, LRH.9833 and onwards.

Section ADDENDUM

Information Sheet No. 4.N.83

Page No. 1

Date: 3.12.70

DOOR HINGES - 2 DOOR SALOON & CONVERTIBLEBENTLEY 'T' : SILVER SHADOW

Cam and roller type stop checks have been introduced on the door upper hinges (Page 4, H.J. Mulliner - Park Ward Supplement). This makes the checks on the lower hinges unnecessary and they have been removed; this is the only difference between the new and displaced lower hinges.

If the new upper hinge is used as a replacement, the check springs should be removed from the lower hinge.

The new lower hinge cannot of course be used as a replacement unless the new upper hinge is also fitted.

DISPLACEDNEW

|          |                                |          |
|----------|--------------------------------|----------|
| UB.20248 | Hinge assembly - R.H. - upper. | PW.54768 |
| UB.20249 | Hinge assembly - L.H. - upper. | PW.54769 |
| UB.20249 | Hinge assembly - R.H. - lower. | PW.54770 |
| UB.20248 | Hinge assembly - L.H. - lower. | PW.54771 |

Fitted to Car Serial Numbers CRH.9698, DRX.9647 and onwards.



Spares Information Sheet issued for  
BENTLEY T : SILVER SHADOW

Section N  
Information Sheet No. 4.N.84  
Page No. 1  
Date 22.3.71

DOOR LOCKS

A split pin is now being used to replace the circlip which retains the 'Delrin' roller on the lock bolt, (Parts list, Sheet L24/3 Item 69 and Sheet L25/1 Item 61). A cut-out has been provided in the roller to enable the split pin to be fitted; a thinner backing washer is necessary.

The new roller can be used for all replacements either in conjunction with the original circlip or with the split pin.

If it is considered necessary, a bolt may be drilled in accordance with Workshop Bulletin SY/S14.

Part numbers are as follows:-

DISPLACED

NEW

|          |           |          |
|----------|-----------|----------|
| UB.14563 | Circlip   |          |
|          | Split pin | UB.19370 |
| UB.14562 | Washer    | UB.19027 |
| UB.17946 | Roller    | UB.18813 |

BONNET CATCHBENTLEY 'T' : SILVER SHADOW

The dowel in the bonnet catch bracket (Spares Schedule Sheet L 8/3 item 36) has been lengthened.

The bracket is interchangeable, but it is advisable to fit both R.H. and L.H. together for any replacements.

Part numbers are as follows:-

DISPLACEDNEW

|          |                                            |          |
|----------|--------------------------------------------|----------|
| UB.12433 | Assy. - Catch bracket. R.H. - Bonnet mech. | UB.17992 |
| UB.12434 | " " " L.H. " "                             | UB.17991 |

DOOR LOCKS & CONTROLSBENTLEY 'T' : SILVER SHADOWALL CARS FROM SERIAL NUMBER 9000

An electrically controlled centralised locking system is now being fitted. The front and rear locks are identical, the new lock being interchangeable with its predecessor, on the front door only. The lock mechanism is operated by a solenoid from a central position, but a manual control button is still retained on each door.

None of the new control rods can be used for replacements on earlier cars.

Part numbers are as follows:-

| <u>DISPLACED</u> |                                                                      | <u>NEW</u> |
|------------------|----------------------------------------------------------------------|------------|
| UB.15274         | Assy. - Front & Rear door lock - R.H.                                | UB.18028   |
| UB.15273         | Assy. - Front & Rear door lock - L.H.                                | UB.18029   |
| UB.15275         | Assy. Rear Door lock - L.H.                                          |            |
| UB.15276         | Assy. Rear Door lock - R.H.                                          |            |
|                  | Assy. Solenoid & brackets - Front door - L.H.                        | UB.18019   |
|                  | Assy. Solenoid & brackets - Front door - R.H.                        | UB.18018   |
|                  | Assy. Rod - upper - Front door                                       | UB.17980   |
|                  | Assy. Control rod - Front door                                       | UB.18012   |
|                  | Solenoid - Front and rear doors                                      | UB.18103   |
|                  | Roll pin - Front and rear doors                                      | UB.17994   |
|                  | Assy. Control rod and button - Front & rear doors                    | UB.18063   |
|                  | Spring - Spring link - Front & rear doors                            | UB.17984   |
|                  | Assy. Piston - Spring link - Front and rear doors                    | UB.18841   |
|                  | Assy. Housing - Spring link - Front and rear doors                   | UB.17971   |
|                  | Spring clip - Spring link - Front and rear doors                     | UB.17983   |
|                  | Assy. Solenoid & brackets - Rear door - R.H.                         | UB.18266   |
|                  | Assy. Solenoid & brackets - Rear door - L.H.                         | UB.18267   |
|                  | Control rod - Lock to lever - rear door                              | UB.18095   |
|                  | Assy. Spindle & levers - Rear door - L.H.                            | UB.18067   |
|                  | Assy. Spindle & levers - Rear door - R.H.                            | UB.18066   |
|                  | Assy. Remote control rod - Lock to release handle - Rear door - L.H. | UB.18069   |
|                  | Assy. Remote control rod - Lock to release handle - Rear door - R.H. | UB.18070   |

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DISPLACEDNEW

|                                                     |          |
|-----------------------------------------------------|----------|
| Assy. Control rod and adjusting piece<br>rear doors | UB.18053 |
| Control rod - Solenoid - Rear doors                 | UB.18268 |
| Grip nut - Solenoid mounting - Rear doors           | UB.18260 |
| Distance piece - Solenoid mounting - Rear doors     | UB.18160 |
| Assy. Mounting bracket - Solenoid - Rear doors      | UD.18157 |
| Assy. Micro-Switch                                  | UD.17605 |
| Assy. Fulcrum Lever & Spindle                       | UB.18331 |

BODY LOCKSBENTLEY 'T' : SILVER SHADOWCARS FROM SERIAL NUMBER 9000

With introduction of a new set of anti-theft car locks, the boot and cubby box lock and keys have changed, the new lock will fit as a replacement, but a separate key would have to be used.

Part number are as follows:-

DISPLACEDNEW

|          |                                          |          |
|----------|------------------------------------------|----------|
| UB.16461 | Press button locking cylinder - Boot lid | UB.18220 |
| UB.16115 | Lock - cubby box door - L.H.D.           | UB.18205 |
| UB.16116 | Lock - cubby box door - R.H.D.           | UB.18206 |
| UD.3724  | Key 'limited' (blank)                    | UD.16919 |
| UD.3725  | Master Key (blank)                       | UD.16920 |

CUBBY BOXBENTLEY 'T' : SILVER SHADOW

The magnetic catch fitted to the cubby box door has been replaced by a more positive spring operated plunger catch. None of the parts are interchangeable.

Part numbers are as follows:-

DISPLACEDNEW

|                     |          |
|---------------------|----------|
| Door pull           | UB.17897 |
| Button - door pull  | UB.17898 |
| Striker plate       | UB.17899 |
| Tube - guide - bolt | UB.17900 |
| Bolt - catch        | UB.17901 |
| Bracket - buffer    | UB.17963 |
| Buffer              | UB.17964 |
| Spring              | UB.17908 |
| Cover plate         | UB.18510 |

DOOR GLASSBENTLEY 'T' : SILVER SHADOWCARS FROM SERIAL NUMBER 9000

The lifting channel on the glass, and the rear door glass frame have been changed to accommodate the locking solenoid; parts are interchangeable, apart from the glazing strip, the new strip being shorter.

Piece numbers are as follows:-

DISPLACEDNEW

|          |                                                      |          |
|----------|------------------------------------------------------|----------|
| UB.12606 | Assy. - glass channel                                | UB.18115 |
| UB.2812  | Glazing strip                                        | UB.18259 |
| UB.13628 | Assy. - Glass (plain) front door - R.H.              | UB.18232 |
| UB.13629 | Assy. - Glass (plain) front door - L.H.              | UB.18231 |
| UB.16040 | Assy. - Glass (Sundym) front door - R.H.             | UB.18234 |
| UB.16039 | Assy. - Glass (Sundym) front door - L.H.             | UB.18233 |
| UB.13662 | Assy. - Glass (plain) rear door - R.H.               | UB.18270 |
| UB.13661 | Assy. - Glass (plain) rear door - L.H.               | UB.18269 |
| UB.15994 | Assy. - Glass (Sundym) rear door - R.H.              | UB.18272 |
| UB.15943 | Assy. - Glass (Sundym) rear door - L.H.              | UB.18271 |
| UB.16228 | Assy. - Glass (plain) L.W.B. rear door - R.H.        | UB.18274 |
| UB.16227 | Assy. - Glass (plain) L.W.B. rear door - L.H.        | UB.18273 |
| UB.16234 | Assy. - Glass (Sundym) L.W.B. rear door - R.H.       | UB.18276 |
| UB.16235 | Assy. - Glass (Sundym) L.W.B. rear door - L.H.       | UB.18275 |
| UB.14412 | Welded assy. - Glass frame - rear door R.H.          | UB.18108 |
| UB.14411 | Welded assy. - Glass frame - rear door L.H.          | UB.18109 |
| UB.14414 | Welded assy. - Glass frame - rear door R.H. - L.W.B. | UB.18236 |
| UB.14413 | Welded assy. - Glass frame - rear door L.H. - L.W.B. | UB.18235 |

associated sheets - 4.N. 85 &amp; 88

INTERIOR TRIMBENTLEY 'T' : SILVER SHADOW

The interior trim fitted to cars from Car Serial Number 9000 has been changed.

The part numbers are as follows:-

| <u>DISPLACED</u> |                                                                      | <u>NEW</u> |
|------------------|----------------------------------------------------------------------|------------|
| UW.11650         | Complete assy. - trim pad - R.H. - Front door - L.H.D.               | UW.13222   |
| UW.11651         | Complete assy. - trim pad - L.H. - Front door - L.H.D.               | UW.13221   |
| UW.11872         | Complete assy. - trim pad - R.H. - Front door - R.H.D.               | UW.13224   |
| UW.11871         | Complete assy. trim pad L.H. - Front door - R.H.D.                   | UW.13223   |
| UB.13683         | Complete assy. Pocket - R.H. Front door                              | UB.17870   |
| UB.14219         | Complete assy. - Pocket - L.H. - Front door                          | UB.17909   |
| UW.11696         | Complete assy. - trim pad - R.H. - Rear door                         | UW.13236   |
| UW.11697         | Complete assy. trim pad - L.H. - Rear door                           | UW.13237   |
| UW.12152         | Complete assy. - trim pad - R.H. - Rear door - L.W.B. -<br>NON. DIV. | UW.13246   |
| UW.12151         | Complete assy. - trim pad - L.H. - Rear door - L.W.B. -<br>NON. DIV. | UW.13245   |
| UW.12834         | Complete assy. - trim pad - R.H. - Rear door - L.W.B. -<br>DIV.      | UW.13248   |
| UW.12833         | Complete assy. - trim pad - L.H. - Rear door - L.W.B. -<br>DIV.      | UW.13247   |
| UW.12982         | Assy. - Parcel shelf (Ambla)                                         | UW.13053   |
| UW.12983         | Assy. - Parcel shelf (Headcloth)                                     | UW.13054   |
| UW.12635         | Assy. - Parcel shelf (Ambla) - L.W.B. DIV.                           | UW.13056   |
| UW.12636         | Assy. - Parcel shelf (Headcloth) L.W.B. DIV.                         | UW.13057   |
| UW.10455         | Assy. - Parcel shelf (Ambla) L.W.B. NON. DIV.                        | UW.13059   |
| UW.11240         | Assy. Parcel shelf (Headcloth) L.W.B. NON. DIV.                      | UW.13060   |
| UW.12866         | Body set - Hardura panels R.H.D.                                     | UW.13496   |
| UW.12867         | Body set - Hardura panels - L.H.D.                                   | UW.13495   |
| UW.12766         | Body set - Hardura panels - R.H.D. L.W.B. DIV.                       | UW.13501   |
| UW.12767         | Body set - Hardura panels - L.H.D. L.W.B. DIV.                       | UW.13500   |
| UW.12568         | Body set - Hardura panels R.H.D. L.W.B. NON. DIV.                    | UW.13498   |
| UW.12567         | Body set - Hardura panels - L.H.D. L.W.B. NON. DIV.                  | UW.13497   |
| UW.12893         | Assy. - Finisher & seal - waistrail - L.H. - rear door               | UW.13187   |
| UW.12892         | Assy. - Finisher & seal - waistrail - R.H. - rear door               | UW.13188   |
| UW.12895         | Assy. - Finisher & seal - L.H. - rear door L.W.B.                    | UW.13249   |
| UW.12894         | Assy. - Finisher & seal - R.H. - rear door L.W.B.                    | UW.13250   |
| -                | Seal - Speaker mounting                                              | UW.13196   |

continued...



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|                                               |          |
|-----------------------------------------------|----------|
| Pad - sound absorbing - speaker - rear doors  | UW.13272 |
| Pad - sound absorbing - speaker - front doors | UW.13271 |

4.N.91.

REAR VIEW DOOR MIRRORBENTLEY 'T' : SILVER SHADOWCARS FROM SERIAL NUMBER 9000

A new mirror which is mounted on the door panel rather than on the window frame and is adjustable from the inside of the car is now being fitted.

It is a standard fitting on the drivers side on cars destined for North America, and is also available for either door at customers request.

Part numbers are as follows:-

DISPLACEDNEW

|          |                                                |          |
|----------|------------------------------------------------|----------|
| UW.12890 | Wastrail finisher and seal - front door - R.H. | UW.13278 |
| UW.12891 | Wastrail finisher and seal - front door - L.H. | UW.13279 |
|          | Stiffener - L.H.                               | UB.18241 |
|          | Stiffener - R.H.                               | UB.18242 |
|          | Assy. Mounting plate                           | UB.18243 |
|          | Screw - mounting plate                         | UB.18277 |
|          | Rubber band - retaining                        | UB.18076 |
|          | Nipple - plain - control cable                 | UB.18077 |
|          | Pivot pin                                      | UB.18078 |
|          | Nipple - special - control cable               | UB.18079 |
|          | Glass - plain - flat - door mirror             | UB.18080 |
|          | Glass - Convex                                 | UB.18350 |
|          | Pad - backing - mirror                         | UB.18081 |
|          | Spring - mirror head                           | UB.18083 |
|          | Case - mirror                                  | UB.18085 |
|          | Cowl                                           | UB.18089 |
|          | Assy. - control unit                           | UB.18090 |
|          | Pivot sleeve - L.H.                            | UB.18091 |
|          | Pivot sleeve - R.H.                            | UB.18092 |
|          | Stem - L.H.                                    | UB.18117 |
|          | Stem - R.H.                                    | UB.18118 |

The following standard parts will be required

|                            |           |
|----------------------------|-----------|
| Screw - stiffener          | CS.30541  |
| Screw - mounting plate     | CS.30542  |
| Washer - mounting plate    | UA.6101/Z |
| Screw - stem to door panel | UA.7529   |
| Screw - stem to door panel | UA.7527   |
| Screw - cowl to stem       | X.1913/E  |
| Washer - cowl to stem      | X.9006/Z  |

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

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**Spares Information Sheet issued for**  
**Bentley T : Silver Shadow**

**Section N**  
**Information Sheet No. 4.N.91 Add.**  
**Page No. 1**  
**Date 15.11.71**

REAR VIEW DOOR MIRROR

Modifications have been made to the adjustable door mirror to enable the mirror to be removed and renewed without having to dismantle the door interior; the new mirror will be supplied for all replacements. If care is taken it is possible to fit the new mirror on existing cars; the method to be adopted is given in Service Bulletin SY/S17.

Part numbers are as follows:-

| <u>DISPLACED</u> |                             | <u>NEW</u> |
|------------------|-----------------------------|------------|
| UB.18746         | Assy. Mirror - Flat.        | UB.19116   |
| UB.18745         | Assy. Mirror - Convex.      | UB.19117   |
| UB.18776         | Assy. Cable.                | UB.19123   |
| UB.18777         | Assy. Cable.                | UB.19124   |
| UB.18778         | Assy. Cable                 | UB.19125   |
|                  | Plate - Retaining - Cables. | UB.19119   |
| UB.18086         | Body - Control.             | UB.19130   |
| UB.18087         | Actuator - Control.         | UB.19131   |
| UB.18243         | Assy. - Plate - Mounting.   | UB.19135   |
| UB.18076         | Band - Cable.               |            |

The above modification has been fitted to the following Car Serial Numbers.

SRX.10655, SRX.10671, SRX.10672, SRX.10675, SRX.10676, SRX.10677, SRX.10679, SRX.10683, SRX.10684 and all subsequent cars where applicable.

LRX.10612, LRX.10613, LRX.10614, LRX.10661, LRX.10662, LRX.10664, and all subsequent cars where applicable.

SRH.10555, SBH.10682, SBH.10686, and all subsequent cars where applicable.

Cwt/KH

4.N.92

SILL CONTROL - REAR DOOR LONG WHEELBASEBENTLEY 'T' : SILVER SHADOW

Since Information Sheet 4.N.79 was issued, a further change has been made to the 'Bowden' cable assembly, the alteration enables the button to be fitted or removed without disturbing the cable. The new parts together are interchangeable, but not as separate items.

The part numbers are as follows:-

| <u>DISPLACED</u> |                             | <u>NEW</u> |
|------------------|-----------------------------|------------|
| UB.17892         | Assembly Sill control cable | UB.18074   |
| UB.16624         | Button Sill control         | UB.18072   |
| -                | Spring clip Button          | UB.18025   |

Section N

Information Sheet No. 4.N.94 Issue 2

Page No. 1

Date: 19.1.71.

FRONT SEATSBENTLEY 'T' : SILVER SHADOW

In order to make the front seat more rigid an additional fulcrum bracket is now bolted direct to the floor. Complete seat assemblies are interchangeable provided a comparatively simple modification is carried out to the body floor and a few extra inexpensive parts fitted, see Service Bulletin SY/S13.

Neither the seat frame only or mechanism are interchangeable and both types will continue to be supplied for spares.

Part numbers are as follows:

DISPLACEDNEW

|          |                                               |          |
|----------|-----------------------------------------------|----------|
| UB.16593 | General Assembly - Seat - L.H.                | UB.18691 |
| UB.16592 | " " " R.H.                                    | UB.18692 |
| UB.16125 | " " " L.H.                                    | UB.18693 |
| UB.16126 | " " " R.H.                                    | UB.18694 |
| UB.16791 | " " " L.H. - Div. cars.                       | UB.18695 |
| UB.16790 | " " " R.H. " "                                | UB.18696 |
| UB.15197 | Mechanism & Slides - Assembly.                | UB.18613 |
|          | Distance Piece - Overtravel Bracket to Floor. | UB.18640 |
| UB.15198 | Frame - Assembly - Front Seat Mech. - R.H.    | UB.18606 |
| UB.16177 | " " " " " - L.H.                              | UB.18607 |
|          | Tapping Plate - Assembly.                     | RH.2524  |
|          | Screw - Seat Runners.                         | RH.8404  |
|          | Washer - Seat Runners.                        | KB.3906  |
|          | Bolts - Bracket to Floor.                     | UA.103/Z |
|          | Washers.                                      | UA.1251  |
|          | Screws - S/T - Bracket to Floor.              | CS.31725 |

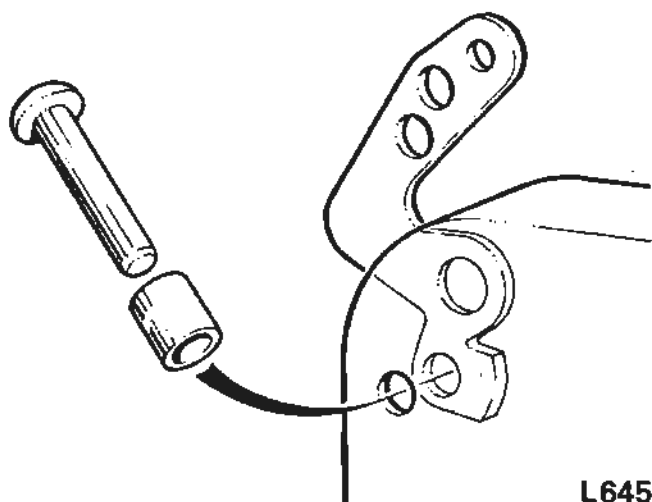
Re-issued to add Service Bulletin number and delete bolt - UA.102.

Cwt/KH.

DOOR LOCKSBENTLEY 'T' : SILVER SHADOWH.J. MULLINER PARK WARD COACHWORKCARS BUILT AFTER SERIAL NUMBER 9000

Hitherto the door locks on the H.J. Mulliner Park Ward 2 door Saloon and Convertible have been the same as those used on the standard saloon, but with the introduction of Centralised Door Locking, and the elimination on these cars of the interior locking button, it has been necessary to supply a new lock to enable the door to be opened by the interior remote control handle. Otherwise should the electric system fail, it would be impossible to unlock the doors from the inside.

In an emergency the standard door locks UB.19042-3 can be modified to meet this requirement by fitting the roller as illustrated.



Part numbers are as follows:-

DISPLACED

UB.19042

Assembly - door lock - Right-hand

UB.19043

Assembly - door lock - Left-hand

NEW

PW.11162

PW.11163

Continued...

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

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- 2 -

DISPLACED

NEW

-           Roller  
             Rivet

UB.10340  
UB.10341

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

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**Spares Information Sheet issued for****Bentley T : Silver Shadow**

Section N

Information Sheet No. 4.N.96

Page No. 1 of 1

Date 30.11.71

**STRIKER PLATES**

The serrations on the striker plates fitted to the B & D posts have been redesigned.

The new plates are not interchangeable.

Part numbers are as follows:-

| <u><b>DISPLACED</b></u> |                                                       | <u><b>NEW</b></u> |
|-------------------------|-------------------------------------------------------|-------------------|
| UB 17943                | Assy - Striker plate and lower anti-burst flange - LH | UB 19261          |
| UB 17942                | Assy - Striker plate and lower anti-burst flange - RH | UB 19262          |
| UB 19292                | Striker Shim - RH                                     | UB 15414          |
| UB 19294                | Striker Shim - RH                                     | UB 15412          |
| UB 19293                | Striker Shim - LH                                     | UB 15413          |
| UB 19295                | Striker Shim - LH                                     | UB 15411          |

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Section N

Information Sheet No. 4.N.97 Issue 2

Page No. 1

Date: 22.1.71

CENTRALISED DOOR LOCKINGBENTLEY 'T' : SILVER SHADOW

A further modification has been made to the jaw and connecting rods of the solenoid, the flat is removed from the connecting rod and the jaw made to suit. The new solenoid together with the adjacent modified parts will be supplied for all replacements.

Part numbers are as follows:

DISPLACEDNEW

|          |                                                  |          |
|----------|--------------------------------------------------|----------|
| UB.19094 | Assy. - Solenoid & Mtg. brkts. - Front door R.H. | UB.19140 |
| UB.19095 | Assy. - Solenoid & Mtg. brkts. - Front door L.H. | UB.19139 |
| UB.19090 | Assy. - Rod - Upper - Front door                 | UB.19146 |
| UB.19092 | Assy. - Control rod - Front door                 | UB.19145 |
| UB.19096 | Assy. - Solenoid & Mtg. brkts. - Rear door R.H.  | UB.19142 |
| UB.19097 | Assy. - Solenoid & Mtg. brkts. - Rear door L.H.  | UB.19141 |
| UB.19093 | Assy. - Piston - Rear door                       | UB.19143 |
| UB.19088 | Solenoid                                         | UB.19115 |
| -        | Dust seal - Solenoid                             | UB.19076 |
| -        | Gosheron tape - Solenoid                         | UB.19147 |
| -        | Gosheron tape - Door panel                       | UB.19148 |
| UB.18507 | Roll pin                                         | UB.17994 |
| UB.18544 | Tube - Water proofing - Solenoid                 |          |
| UB.18238 | Band - Retaining - Tube                          |          |
| UB.18300 | Gosheron tape - Retaining - Tube                 |          |
|          | SBH.9658, SRX.9659 onwards.                      |          |
|          | LRX.9761, LRX.9767 onwards.                      |          |

Re-issued to correct Part Number (UB.19135 to UB.19139) and add Car Serial Numbers.

4.N.97 ADDENDUM 1CENTRALISED DOOR LOCKINGBENTLEY 'T' : SILVER SHADOW

A further modification has been made to the jaw and connecting rods of the solenoid, the flat is removed from the connecting rod and the jaw made to suit. The new solenoid together with the adjacent modified parts will be supplied for all replacements.

Part numbers are as follows:-

DISPLACEDNEW

|          |                                                 |          |
|----------|-------------------------------------------------|----------|
| UB.19094 | Assy - Solenoid & Mtg. brkts. - front door R.H. | UB.19140 |
| UB.19095 | Assy - Solenoid & Mtg. brkts. - front door L.H. | UB.19135 |
| UB.19090 | Assy - Rod - upper front door.                  | UB.19146 |
| UB.19092 | Assy - Control rod front door.                  | UB.19145 |
| UB.19096 | Assy - Solenoid & Mtg. brkts. - rear door R.H.  | UB.19142 |
| UB.19097 | Assy - Solenoid & Mtg. brkts. - rear door L.H.  | UB.19141 |
| UB.19093 | Assy - Piston. rear door.                       | UB.19143 |
| UB.19088 | Solenoid.                                       | UB.19115 |
|          | Dust seal - solenoid.                           | UB.19076 |
|          | Gasheron tape - solenoid.                       | UB.19147 |
|          | Gasheron tape - door panel.                     | UB.19148 |
| UB.18507 | Roll pin.                                       | UB.17994 |
| UB.18544 | Tube - water proofing - solenoid.               |          |
| UB.18238 | Band - retaining - tube.                        |          |
| UB.18300 | Gasheron tape - retaining - tube.               |          |

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DOOR TRIMBENTLEY 'T' : SILVER SHADOW

The decorative piping on the door trim pads and armrests has been deleted.

Both trim pad and armrest are interchangeable but would obviously, have to be replaced in matching sets.

The part numbers are as follows:-

DISPLACEDNEW

|          |                                                         |          |
|----------|---------------------------------------------------------|----------|
| UW.13237 | Complete assay - trim pad - rear door - L.H.            | UW.13853 |
| UW.13236 | " " " " " " R.H.                                        | UW.13854 |
| UW.11669 | Assy - Armrest - R.H. (Hide) rear door.                 | UW.13850 |
| UW.11670 | Assy Armrest - L.H. (Hide) rear door.                   | UW.13851 |
| UW.13221 | Complete assay - trim pad - front door L.H. - LHD.      | UW.13835 |
| UW.13222 | Complete assay - trim pad - front door R.H. - LHD.      | UW.13834 |
| UW.13223 | Complete assay - trim pad - front door L.H. - RHD.      | UW.13837 |
| UW.13224 | Complete assay - trim pad - front door R.H. - RHD.      | UW.13836 |
| UW.12905 | Assy - Armrest - front door.                            | UW.13825 |
| UW.13245 | Complete assay - trim pad - rear door - L.H. LWB.       | UW.13859 |
| UW.13246 | Complete assay - trim pad - rear door - R.H. LWB.       | UW.13860 |
| UW.13247 | Complete assay - trim pad (cloth) rear door - L.H. LWB. | UW.13867 |
| UW.13248 | Complete assay - trim pad (cloth) rear door - R.H. LWB. | UW.13866 |
| UW.12846 | Assy - Armrest - R.H. (Cloth) rear door.                | UW.13868 |
| UW.12845 | Assy - Armrest - L.H. (Cloth) rear door.                | UW.13869 |

Spares Information Sheet issued for  
BENTLEY T : SILVER SHADOW

Section N  
Information Sheet No. 4.N.99  
Page No. 1  
Date 10.5.71

DOOR LOCKS

A split pin is now being used to replace the circlip which retains the 'Delrin' roller on the lock bolt, (Parts list, Sheet L24/3 Item 69 and Sheet L25/1 Item 61). A cut-out has been provided in the roller to enable the split pin to be fitted; a thinner backing washer is necessary.

The new roller can be used for all replacements either in conjunction with the original circlip or with the split pin.

If it is considered necessary, a bolt may be drilled in accordance with Workshop Bulletin SY/S14.

Part numbers are as follows:-

DISPLACED

|          |           |
|----------|-----------|
| UB.14563 | Circlip   |
|          | Split pin |
| UB.14562 | Washer    |
| UB.17946 | Roller    |

NEW

|          |
|----------|
| UB.19370 |
| UB.19027 |
| UB.18813 |

NOTE

This Spares Information Sheet replaces Information Sheet No. 4.N.84, which should be removed and destroyed.

Spares Information Sheet issued for  
BENTLEY T : SILVER SHADOW

Section N  
Information Sheet No. 4.N.101  
Page No. 1  
Date 5.7.71

DOOR LOCKS

An aluminium roller has now been introduced for the door lock bolt, in place of the nylon one previously used; the new roller will be used for all replacements.

Part Numbers are as follows:-

DISPLACED

UB 19166

NEW

UB 19608

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**Spares Information Sheet issued for****Bentley T : Silver Shadow****Section N****Information Sheet No. 4.N. 102****Page No. 1 of 1****Date 30.11.71****SAFETY BELTS**

Kangol safety belts are now being fitted in preference to Britax. In future the latter will only be fitted at customers request; the belts are not interchangeable and it is not considered practicable to fit Kangol belts on existing cars because of the extensive body and trim alterations which are necessary.

For front belts fitted with a warning lamp system see Information Sheet 4.L.99.

Part numbers are as follows:-

|                                                  | <u>NEW</u> |
|--------------------------------------------------|------------|
| Safety Belts - Front seat - Without warning lamp | UB 19863   |
| Safety Belts - Front seat - With warning lamp    | UB 19922   |
| Safety Belt - Rear seat - Outer                  | UB 19921   |
| Safety Belt - Rear seat - Centre                 | UB 19923   |

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## Spares Information Sheet issued for

BENTLEY T : SILVER SHADOW

Section N

Information Sheet No. 4.N.103

Page No. 1 of 1

Date 22.10.71

DOORS AND REAR QUARTER2-DOOR SALOON & CONVERTIBLE

The position of the radio loudspeaker has changed from the bottom of the doors to the back of the door cubby box, this involves the use of a smaller radio loudspeaker. The type of radio loudspeaker used in the rear armrest has also changed.

The new radio loudspeaker in both cases may be used as a replacement but a new mounting board would have to be made.

The part numbers are as follows:-

| <u>DISPLACED</u> |                                                     | <u>NEW</u> |
|------------------|-----------------------------------------------------|------------|
| PW 5953)         | Trim Pad - driver's side - Right-hand drive cars    | PW 6124    |
| PW 5949)         |                                                     |            |
| PW 5952)         | Trim Pad - passenger's side - Right-hand drive cars | PW 6125    |
| PW 5948)         |                                                     |            |
| PW 5946)         | Trim Pad - driver's side - Left-hand drive cars     | PW 6126    |
| PW 5950)         |                                                     |            |
| PW 5947)         | Trim Pad - passenger's side - Left-hand drive cars  | PW 6127    |
| PW 5951)         |                                                     |            |
| PW 10348         | Cubby box - door                                    | PW 11288   |
| PW 40085         | Grille                                              | PW 11293   |
| UB 17837)        | Radio loudspeaker) door                             | UD 18039   |
| UB 16874)        |                                                     |            |
| PW 10704         | Waterproof cover                                    | PW 11292   |
| PW 10764         | Mounting board                                      | -          |
| UW 13272         | Foam                                                | -          |
| CS 30975         | Nut                                                 | -          |
| RB 2766          | Washer                                              | -          |
| X 8811           | Washer                                              | -          |
| CS 31341/Z       | Screw                                               | -          |
| CS 30077/Z       | Screw                                               | -          |
| RD 6780          | Hank bush                                           | -          |
| CS 30563/Z       | Screw                                               | -          |
| CS 32044/Z       | Washer                                              | -          |
| CS 30980/Z       | Nut                                                 | -          |
| -                | Packing                                             | PW 11291   |
| -                | Baffle board                                        | PW 11289   |
| -                | Plywood trim                                        | PW 11290   |
| -                | Screw                                               | CS 31061/Z |
| -                | Screw                                               | CS 31124/Z |
| -                | Screw                                               | CS 31205/Z |
| -                | Cup washer                                          | CS 34334/E |
| PW 40411         | Mounting board - speaker side armrest               | PW 40533   |
| UD 16874         | Radio loudspeaker - side armrest                    | UD 18040   |

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**Spares Information Sheet issued for**

Bentley T : Silver Shadow

**Section N****Information Sheet No. 4.N.104****Page No. 1****Date 22.11.71****FRONT SEATS**

In order to increase the rear seat passengers knee room, the front seat squab backs have been restyled; this has resulted in a very noticeable change in appearance and squabs can be considered interchangeable only in sets. Both types will continue to be supplied.

Part numbers are as follows:-

| <u><b>DISPLACED</b></u> |                                                                        | <u><b>NEW</b></u> |
|-------------------------|------------------------------------------------------------------------|-------------------|
| UB.18694                | General assy. - Seat - R.H. (Not for head restraint).                  | UB.19468          |
| UB.18693                | General assy. - Seat - L.H. (Not for head restraint).                  | UB.19469          |
| UB.18692                | General assy. - Seat - R.H. (For head restraint).                      | UB.19470          |
| UB.18691                | General assy. - Seat - L.H. (For head restraint).                      | UB.19471          |
| UB.16546/SA             | Squab and armrest - Complete assy. - R.H.<br>(For head restraint).     | UB.18898/SA       |
| UB.16547/SA             | Squab and armrest - Complete assy. - L.H.<br>(For head restraint).     | UB.18899/SA       |
| UB.15560/SA             | Squab and armrest - Complete assy. - R.H.<br>(Not for head restraint). | UB.18896/SA       |
| UB.15561/SA             | Squab and armrest - Complete assy. - L.H.<br>(Not for head restraint). | UB.18897/SA       |

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SNOW CHAINS

BENTLEY 'T' : SILVER SHADOW

Chains, suitable for these cars, are now available from Crewe.

European distributors can, if they prefer, obtain direct from the manufacturer, details of whom are as follows:

Henri Bachmann, SA/AG,  
Rue De Fribourg 3,  
1211 Geneve 2.

Chain type No. S.2. Index no. 3082

For 8.45/8.15-15 tyres.

Applicable: All post-war cars

RETURN OF PARTS AND ACCESSORIES TO  
ROLLS-ROYCE LIMITED, CREWE, ENGLAND

It has become necessary to amend the procedures covering the return of material from Overseas Distributors and Retailers.

If the following procedures are carried out, the delays and cost of importation will be greatly reduced. It will also enable us to expedite the issue of credit where appropriate.

(a) Warranty Material

No material, except that classified as Service Exchange, should be returned without prior acceptance from the Manager of the Overseas Service Promotion Department. The Manager will advise if the material is required by Rolls-Royce Limited for investigation, or whether it should be discarded.

(b) Service Exchange

Service Exchange material may be returned without prior approval from Rolls-Royce Limited. Due consideration should however, be given to consolidating these returns with a view to reducing transportation costs.

(c) New, Unused Material

In the case of new parts, a list should be submitted to the Parts Manager - Motor Car, Parts Department, Rolls Royce Limited, Pym's Lane, Crewe, Cheshire, England, who will then advise you of the necessary action.

The procedures to be adopted for the return of this material are as follows.

In the case of goods which are to be returned, preference should be given to seafreight or rail, unless the parts are urgently required by Rolls-Royce Limited.

continued...

1. Three copies of your invoice should be forwarded direct to the Imports Section S.C.S., before shipment is executed.
2. Upon shipment, the original Bill-of-Lading should be forwarded to the Imports Section S.C.S. for Customs clearance and not sent with the consignment.
3. Where possible the consignments should be routed via the following agents:

URGENT AIRFREIGHT CONSIGNMENTS

Airways & General Transports Limited  
Offices 7/8,  
Building 55,  
Manchester Airport,  
Wythenshawe,  
Manchester M2 25PW

STANDARD SEAFREIGHT CONSIGNMENTS

Claridge, Holt & Co. Ltd.,  
General Buildings,  
14, Chapel Street,  
Liverpool L3.9AG

Claridge, Holt & Co. Ltd.,  
Cunard House,  
88, Leadenhall St.,  
London E.C.3.

If Distributors and Retailers comply with the procedure for supplying documents, clearance at the various ports will be completed almost immediately.

With the exception of the clearing agent, the identical procedure should be adopted for material that is to be transported by either road or rail.