

FOR INFORMATION

FRONT SHOCK DAMPERS - S2

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

Part number of the assembly is RH. 2060.

SERVO MOTOR

BENTLEY S.2. CONTINENTAL

47° Servo Cams are now being fitted to Continental cars. This is being done with the object of reducing the front to rear brake ratio thus improving stability under heavy braking on slippery roads.

The new part numbers are as follows:-

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

2.G.7.

FRONT BRAKES

BENTLEY S2 CONTINENTAL

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

REAR BRAKE ADJUSTER

BENTLEY S1 AND S2 SILVER CLOUD I AND II PHANTOM V.

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

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

Piece number is UG.795.

2.G.6.  
Addendum

Servo Motor

Bentley S2 Continental

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

'B' Series

Chassis

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

FOUR SHOE BRAKES.

BENTLEY S.2. CONTINENTAL.

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

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

Part number of the tool is RH.7119.

BRAKE FLUID SUPPLY TANKBENTLEY S2 SILVER CLOUD II PHANTOM V

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

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

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

DisplacedNew

UR.2837	Filter - Brake Fluid Supply Tank	UR.5343
UR.3246	Assy - Brake Fluid Supply Tank	UR.5344



FOR INFORMATION

FRONT BRAKES

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

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



MASTER CYLINDERS - GIRLING

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

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

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

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

Part numbers are as follows: -

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

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

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

2.E.43.

ROCKER PEDESTAL SETSCREW.

BENTLEY S2 SILVER CLOUD II PHANTOM V.

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

Setscrews are interchangeable, and numbers are as follows:

Displaced

UA.110/Z

Setscrew - .250 dia. - Rocker  
Pedestal

New

UE.9669

G.1.

HANDBRAKE CABLEBENTLEY CONTINENTAL L.H.

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

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

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

AIR SILENCER - S2.

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

Bracket Part Numbers are :-

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

AIR CLEANER

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

Part number of the new washer is UE. 7405



AIR CLEANER

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

Part numbers are:-

Displaced

UE. 6384 Seal.

New

UE. 8121

CONTROLS

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

Part numbers are:-

Displaced

RE. 17013

Screw

New

UE. 7964