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A.1.

GENERAL

Complaints are sometimes received that Spares Information Sheets do not give either the instructions or the precise list of parts which are required to fit the modification; in fact, these are both functions of the Workshop Bulletin and it has never been the intention that Information Sheets should supplant these.

The former is for the use of Workshop Personnel, the latter for the use of the stores office. It is recognised that Information Sheets may be of some use in the workshop but this is quite incidental.

They contain only sufficient engineering detail to explain the reason for the modification and the conditions under which interchangeability of parts is possible.

In the past criticism has sometimes been made that the first intimation an agent had of a modification was when it was encountered on a car. The object of the Information Sheet is to avoid this. Stores thus have prior warning and are able to arrange for stocks of the new parts and are conversant with the change some time before it is actually encountered.

The stores use both assemblies and parts of assemblies; the list of parts, therefore, includes all changes of piece number. It is not just the list of parts required to do the job. If this is required we suggest that the order should merely state 'Parts Required to Incorporate Spares Information Sheet-----'.

WANNER GREASE GUN

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

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

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

KIT LIST

ROLLS-ROYCE S-1 UNDERWING UNIT

- 1 - EVAPORATOR
- 6' - 2-3/4" ACCORDION HOSE
- 1 - 6" ROUND GRILLE
- 1 - SIGHT GLASS
- 1 - 5/8 x 5/8 x 5/8 TEE
- 1 - 3/8 x 3/8 x 3/8" TEE
- 1 - 12 VOLT RESISTOR
- 6 - 1" CLAMPS
- 6 - 1/2 CLAMPS
- 1 - 3/8 x 3/8" UNION
- 1 - #10 x 12" HOSE
- 1 - #10 x 168" HOSE
- 1 - #6 x 18" HOSE
- 1 - #6 x 108" HOSE
- 1 - PKG. S. M. S.
- CLAMP BRKT FOR EVAPORATOR
- 12 VOLT SWITCH & KNOB
- 1 - (Y) ADAPTOR ASSY.
- 1 set - G.M. DUCTS
- 1 - BACK PRESSURE VALVE

Danfoss Solenoid ValveBentley S2 Silver Cloud II Phantom V.

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

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

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

COMPRESSOR - AIR CONDITIONING

BENTLEY S2, SILVER CLOUD II PHANTOM V.

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

Part numbers are:-

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

COMPRESSOR MOUNTING BRACKET

BENTLEY S2 SILVER CLOUD II PHANTOM V

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

Setscrew part numbers are as follows:-

Displaced

New

UE. 8769

Setscrew - Compressor - Mounting
Bracket

RE. 22669

2.C.4.

Addendum

Additional Cold Air Intake

Bentley S.2. Silver Cloud II (Standard Steel Cars Only)

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

'C' Series
Bentley S.2.

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

'C' Series
Silver Cloud II.

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

ADDITIONAL COLD AIR INTAKE

BENTLEY S2 SILVER CLOUD II (STANDARD STEEL CARS ONLY)

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

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

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

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

Part numbers are as follows:-

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

2. C. 4.

Issue. 2.

- 2 -

<u>Displaced</u>		<u>New</u>
	Knob - Control Fresh Air Intake	UD. 5956
	Clip - Control - Fresh Air	
	Intake	UD. 3364
^{UB} UD . 1554	Assy - Air Intake to Front Stay	UB. 3556
	Bracket Mounting High Frequency	
	Horns (only)	UR. 3369
	Bracket - Support Intake	UR. 1595
	Bracket - Support Intake	UR. 1596
^{UR 4953} UR 4953	Clip Jubilee	RD. 6757
UR. 635	Channel - Cross Cooling Receiver	UR. 5203
	Plate - Padding L.H. Anti Roll	
	Rod Bar	UR. 2623
	Assy - Bracket Horn Mounting	UR. 2626
UD. 4888	Horn Windtone Low Note R. H.	UD. 2307
UD. 4889	Horn Windtone High Notes R. H.	UD. 2102
	Copex Flexible Tube	UD. 8080

RE: RBOR RE: RP/KH June 27.01

(i) Re-issued to include omitted part number.

Addendum

Outlet Duct - Capping Rail

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

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

'C' Series
Bentley S.2.

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

'C' Series
Silver Cloud II

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

OUTLET DUCT - CAPPING RAIL

BENTLEY S2 SILVER CLOUD II (STANDARD STEEL CARS)

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

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

Part numbers are as follows:-

Displaced

New

UD. 4724 Assy, Outlet Duct, Capping Rail

UD. 5766

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

REFRIGERATED CARS

BENTLEY S2 SILVER CLOUD II PHANTOM V

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

Part numbers are as follows: -

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

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

TEXAS BOOT REFRIGERATION

BENTLEY S2 SILVER CLOUD II PHANTOM V

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

This introduction is to prevent any chafing of the hoses.

Part Number is as follows:-

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

2.C.9

Issue 2.

INTERIOR COOLINGBENTLEY S2, SILVER CLOUD II, PHANTOM V

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

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

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

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