

## Field campaign

<b>Topic</b>	Flying Spur HVAC Refrigeration Pipe Clip Replacement - Corrosion (SC14/02)
<b>Market area</b>	Russische Föderation (5RU), Russian Federation 935 Volkswagen Group RUS (6935), United Kingdom E01 Bentley UK (6E01), Germany E02 Bentley rest Europe (6E02), Japan E03 Bentley Japan (6E03), Australia E04 Bentley rest Asia and Australia (6E04), United States E05 Bentley USA and rest America (6E05), United Arab Emirates E06 Bentley Middle East and Africa (6E06)
<b>Brand</b>	Bentley
<b>Transaction No.</b>	2035328/2
<b>Campaign number</b>	EA02
<b>Note</b>	EA02
<b>Type</b>	Workshop Campaign
<b>US code</b>	

## Vehicle data

### Flying Spur

#### Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
4W21*	2014	E		*	*	*

#### Chassis numbers

Manufacturer	Filler	Type	Filler	MY	Factory	From	To	Prod from	Prod to
SCB	???	**	*	E	C	084021	088565		

## Documents

Document name
<a href="#">master.xml</a>
<a href="#">master.doc</a>

-

## Notes

▫ [Repair instructions](#)

### Technical background

Extended durability trials have identified corrosion on the outside of the air conditioning pipe where it passed through the left hand front wheel arch area. This corrosion is only evident at the clipping point and is associated with the use of stainless steel clips. In extreme cases the corrosion would compromise the pipe integrity and result in refrigerant loss.

### Remedy

Clips that do not promote this type of corrosion are now specified. The procedure details the pipe inspection, and if required the corrective action necessary before fitting the three replacement clips

### Customer notification

Customers do not need to be informed directly of this campaign. Please ensure that all affected vehicles are checked and repaired during a service visit. You should also inform your new and used car sales departments so that the vehicles affected can be checked and, if necessary, repaired immediately (and not just before sale)

### Warranty

#### To check the pipes only

Warranty Type 710 or 790  
 Labour Operation Code 87 44 01 00  
 Damage Service Number EA02  
 Damage Code 00 66  
 Time 70 TU  
 Criteria ID 01

#### To check and replace the pipes

Warranty Type 710 or 790  
 Labour Operation Code 87 44 20 00  
 Damage Service Number EA02  
 Damage Code 00 66  
 Time 170 TU  
 Criteria ID 01

### Parts

The required replacement parts should be ordered from Bentley Motors Limited Crewe or through your regional Bentley parts distribution centre

### Parts supply

New Part Number	Description	Displaced Part Number	Quantity
RSGUV1.10-15W1	Clip 10x15	N0206517	2
RSGUV1.18-15W1	Clip 18x15	N0206405	1
N90737107	Bolt - locking	N90737107	1

#### In Addition to above the following are required for air conditioning pipe replacement

New Part Number	Description	Part Number	Quantity
4W0260706B	AC High pressure pipe	4W0260706A	1
4W0260713A	AC Suction pipe	4W0260713	1
3D0260749C	O Ring	3D0260749B	2
4E0260749B	O Ring	4E0260749B	2

### Parts despatch control

## Technical background

Extended durability trials have identified corrosion on the outside of the air conditioning pipe where it passed through the left hand front wheel arch area. This corrosion is only evident at the clipping point and is associated with the use of stainless steel clips. In extreme cases the corrosion would compromise the pipe integrity and result in refrigerant loss.

## Check

If the vehicle is not already listed as repaired in the "Repair history" (in ElsaPro), check for the campaign identification mark, yellow paint mark on the steel pipe (Figure 6), should neither be evident carry out the required work in accordance with these instructions

## Parts

The required replacement parts should be ordered from Bentley Motors Limited Crewe or through your regional Bentley parts distribution centre

## Work

1. Position the car on a ramp Refer to Maintenance manuals "Raising and supporting the car"
2. Put the vehicle into "Jack mode"
  - Switch on the ignition
  - Simultaneously press and hold down the ride height and damper setting buttons located on the lower centre console for five seconds, until the self-levelling warning indicator is displayed in the drivers instrument panel 🛠️
3. Remove the front left hand wheel arch liner Rep. Gr.66 Front wheel arch liners – To Remove and Fit
4. Remove the front undersheet Rep. Gr.66 Front undersheets – To Remove and Fit

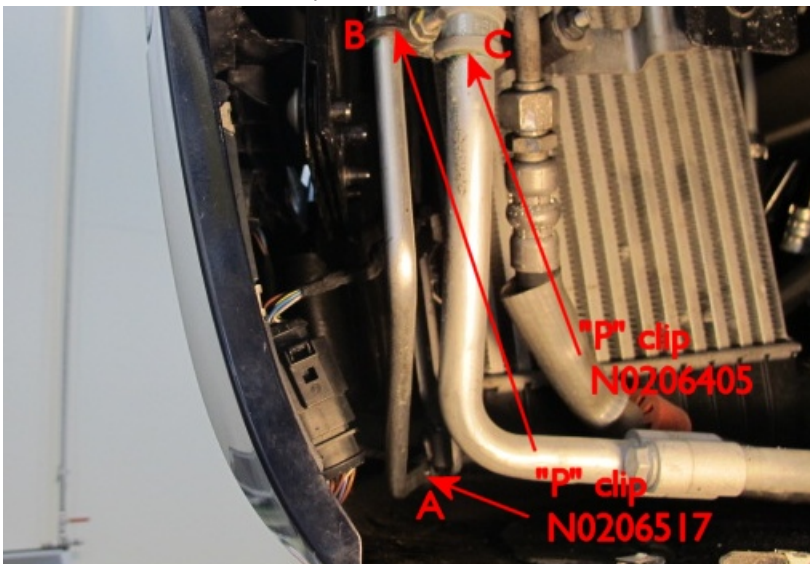


Figure 1

5. Referencing figure 1 identify the three P clips (A,B and C) located in the front left wheelarch that require replacement

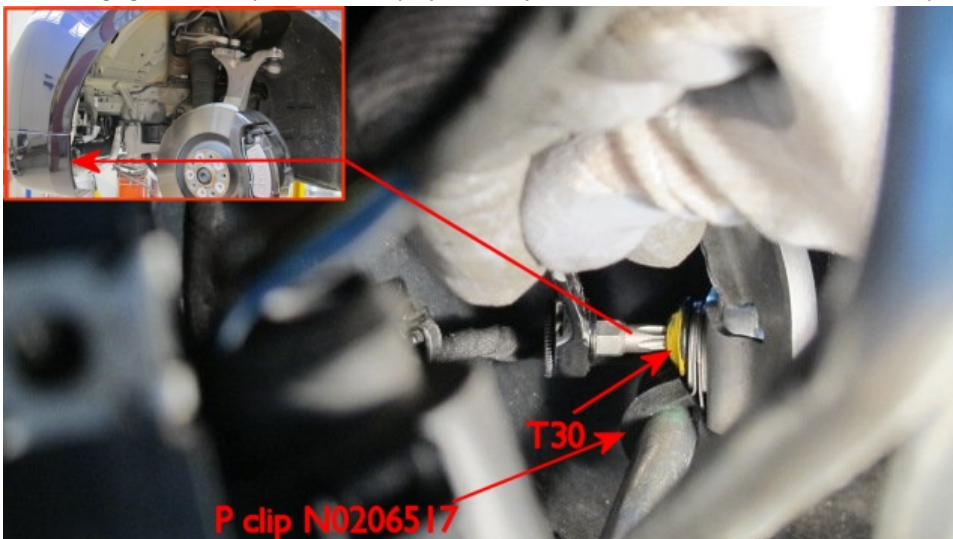


Figure 2

6. Using a T30 bit loaded into a ratchet spanner remove the fastener securing P clip (A). Remove and discard clip A (see Figure 1 and 2)

- Remove and discard clips B and C (see Figure 1)

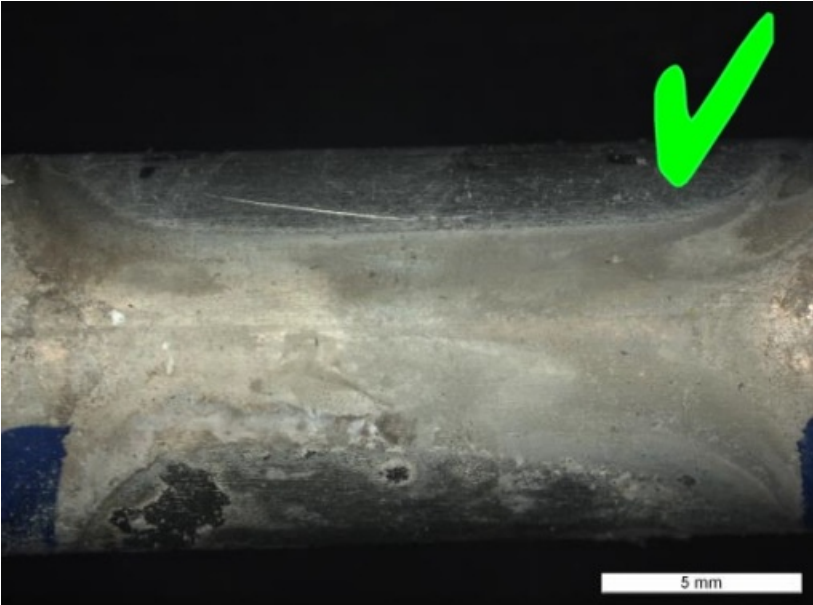


Figure 3



Figure 4

- The three locations from which the clips have been removed should now be inspected for surface corrosion, use of a mirror will aid inspection. Discolouration and light oxidation on the surface of the pipe is not detrimental and does not necessitate pipe replacement (see Figure 3). If the pipe surface shows signs of extensive corrosion and pitting (see Figure 4) then that pipe should be replaced
  - On cars where the pipe is serviceable, figure 3, fit three replacement clips. For position A and B fit new clip part number RSGUV1.10-15W1 in position C fit new clip part number RSGUV1.18-15W1. If either pipe is found to have extensive corrosion then both pipes should be replaced before replacing the clips, in this case follow the *Air conditioning pipe replacement* procedure detailed below.
  - Apply yellow paint campaign identification mark to the air conditioning suction pipe (see Figure 6)
  - Refit the front wheel arch liner Rep. Gr.66 Front wheel arch liners – To remove and fit
  - Refit the front left hand undersheet Rep. Gr.66 Front undersheets – To Remove and Fit
- The vehicle can be taken out of "Jack mode" by Simultaneously press and hold down the ride height and damper setting buttons located on the lower centre console for five seconds, until the self-levelling warning indicator is extinguished in the drivers instrument panel 🔄

### Air conditioning pipe replacement

**Before working on the refrigeration system, read and understand the Refrigeration system – safety and general information detailed in the workshop manual Rep. Gr.87**

- This procedure is only to be performed if either pipe has extensive surface corrosion at the clipping points (see Figure 4)
  - Note:** If the refrigeration system is left open for more than 30 minutes the accumulator will have to be replaced
- Discharge the refrigerant from the system Rep. Gr.87 Refrigeration system – To discharge and charge

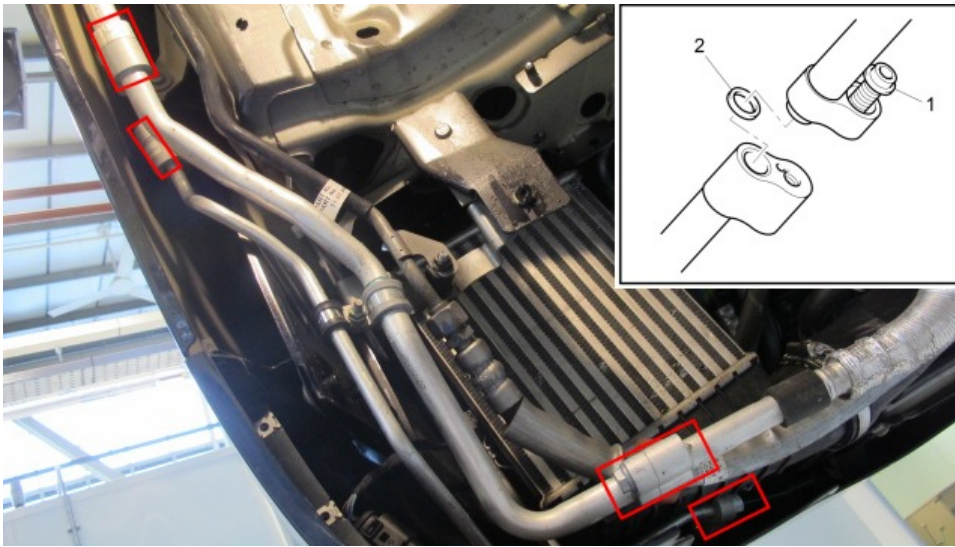


Figure 5

2. Locate the four joints securing the two pipes (see Figure 5). For each of the four joints remove the retaining screw -1- then separate the two pipes, discard the O ring -2-
  3. Fit the two new pipes using new O rings coated in refrigerant oil. Tighten pipe joint retaining bolt -1- to 15Nm
  4. Fit and secure the pipes using the three new pipe clips
  5. Evacuate, recharge and leak test the refrigerant system Rep. Gr.87 Refrigeration system – To discharge and charge
  6. Apply yellow paint campaign identification mark to the air conditioning suction pipe (see Figure 6)
  7. Refit the front wheel arch liner Rep. Gr.66 Front wheel arch liners – To remove and fit
  8. Refit the front undersheet Rep. Gr.66 Front undersheets – To Remove and Fit
- The vehicle can be taken out of "Jack mode" by Simultaneously press and hold down the ride height and damper setting buttons located on the lower centre console for five seconds, until the self-levelling warning indicator is extinguished in the drivers instrument panel 🛖

## Identification



Figure 6

On completion apply a yellow campaign completion mark to the air conditioning suction pipe (large) such that the mark can be viewed through the left hand front wheel arch liner (see Figure 6)