

 Connection offline

Field campaign

| | |
|------------------------|---|
| Topic | GT V8T GTC V8T HVAC refrigeration pipe - clip replacement - Corrosion (SC13/20) |
| Market area | Worldwide Bentley (1WBE) |
| Brand | Bentley |
| Transaction No. | 2035677/1 |
| Campaign number | E797 |
| Note | |
| Type | Workshop Campaign |
| US code | |

Vehicle data

V8T GT and V8T GTC

Sales types

| Type | MY | Brand | Designation | Engine code | Gearbox code | Final drive code |
|-------|------|-------|-------------|-------------|--------------|------------------|
| 3932* | 2013 | E | | * | * | * |
| 3932* | 2014 | E | | * | * | * |
| 3942* | 2013 | E | | * | * | * |
| 3942* | 2014 | E | | * | * | * |

Chassis numbers

| Manufacturer | Filler | Type | Filler | MY | Factory | From | To | Prod from | Prod to |
|--------------|--------|------|--------|----|---------|------|----|-----------|---------|
| SCB | *** | ** | * | * | C | | | | |

Documents

| Document name |
|---------------|
| master.xml |
| master.doc |

 Connection offline

Workshop Campaign E797

Transaction No.: 2035677/1

GT V8T GTC V8T HVAC refrigeration pipe - clip replacement - Corrosion
(SC13/20)

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 two 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 accounting instructions

To check

| | |
|-----------------------|-------------|
| Warranty Type | 710 or 790 |
| Labour Operation Code | 87 44 01 99 |
| Damage Service Number | E797 |
| Damage Code | 00 66 |
| Criteria ID | 01 |
| Time | 70 TU |

To replace

| | |
|-----------------------|-------------|
| Warranty Type | 710 or 790 |
| Labour Operation Code | 87 44 20 99 |
| Damage Service Number | E797 |
| Damage Code | 00 66 |
| Criteria ID | 01 |
| Time | 270 TU |

Genuine parts

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

Parts supply

| Description | Part Number | Quantity |
|----------------|----------------|----------|
| Clip 10x15 | RSGUV1.10-15W1 | 1 |
| Clip 18x15 | RSGUV1.18-15W1 | 1 |
| Bolt – locking | N90737107 | 2 |

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

| Description | Part Number | Quantity |
|-----------------------|-------------|----------|
| AC High pressure pipe | 3W0260706D | 1 |
| AC Suction pipe | 3W0260725A | 1 |
| O Ring | 3D0260749C | 2 |
| O Ring | 4E0260749B | 1 |
| O Ring | 8E0260749C | 1 |

Parts despatch control

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.


Check

If the vehicle is not already listed as repaired in the "Repair history" (ElsaPro), check for the campaign identification mark, yellow paint mark on the steel pipe (Figure 5), should neither be evident carry out the require work in accordance with these instructions

Genuine 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 left hand front 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

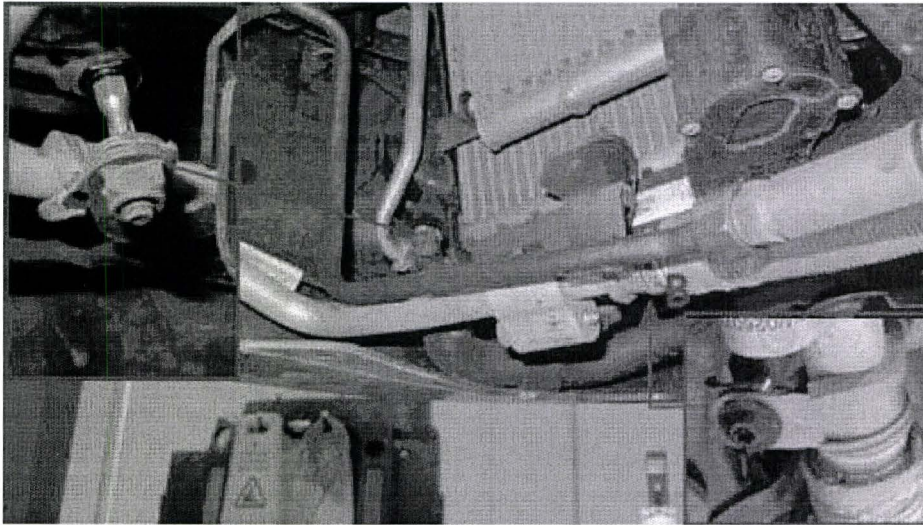


Figure 1

5. Referencing figure 1 identify the two 'P' clips (A and B) located in the front left hand wheel arch that require replacement
6. **Note:** A number of later cars in this campaign are expected to already have the correct clips fitted, figure 1 depicts the correct clips identified by a red band printed on the clip insert. Pipes fitted with clips carrying the red band do not required inspection and therefore will not require clip replacement.
7. Using a T30 bit loaded into a ratchet spanner remove the fastener securing P clip (A). Remove and discard clip A (see Figure 1)
8. Remove and discard clip B (see Figure 1)

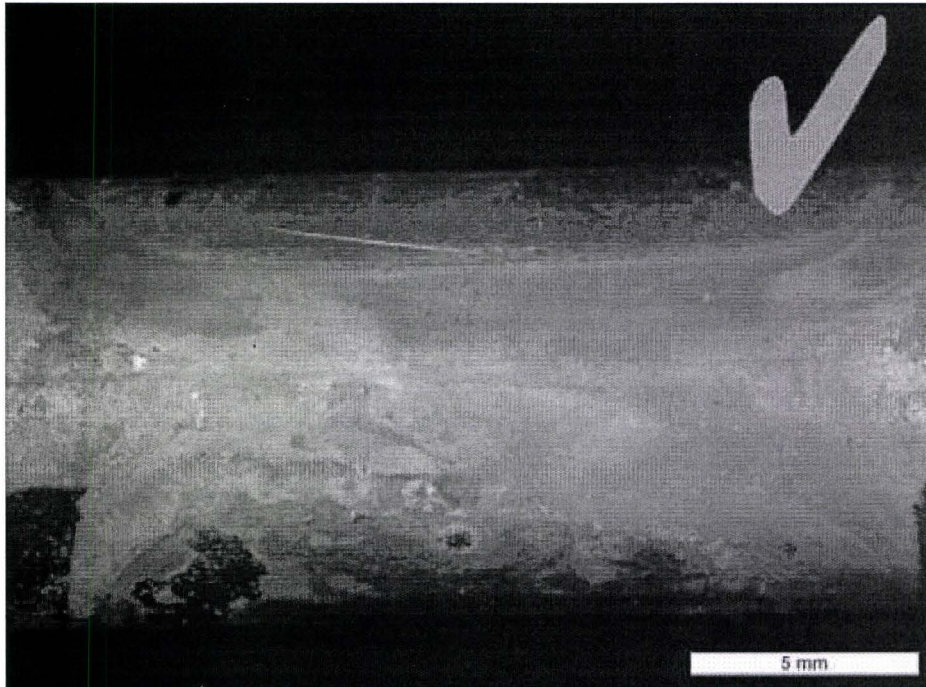



Figure 2



Figure 3

9. The two locations from which the clips have been removed should now be inspected for surface corrosion, a mirror may aid inspection. Discolouration and light oxidation on the surface of the pipe is not detrimental and does not necessitate pipe replacement (see Figure 2). If the pipe surface shows signs of extensive corrosion and pitting (see Figure 3) then that pipe should be replaced
10. On cars where the pipe is serviceable, figure 2, fit two replacement clips. For position A fit new clip part number RSGUV1.10-15W1, in position B 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.

11. Apply yellow paint campaign identification mark to the air conditioning suction pipe (see Figure 4)
12. Refit the front left hand wheel arch liner Rep. Gr.66 Front wheel arch liners- To Remove and Fit
13. Refit the front undersheet Rep. Gr.66 Front undersheets – To Remove and Fit
 - The vehicle can be taken out of “Jack mode”. 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

- Before working on the refrigeration system, read and understand the Refrigeration system – safety and general information detailed in the workshop manual Rep. Gr.87
1. This procedure is only to be performed if either pipe has extensive surface corrosion at the clipping points (see Figure 3)
 2. Note: If the refrigeration system is left open for more than 30 minutes the accumulator will have to be replaced
 3. Discharge the refrigerant from the system Rep.Gr.87 Refrigeration system – To discharge and charge

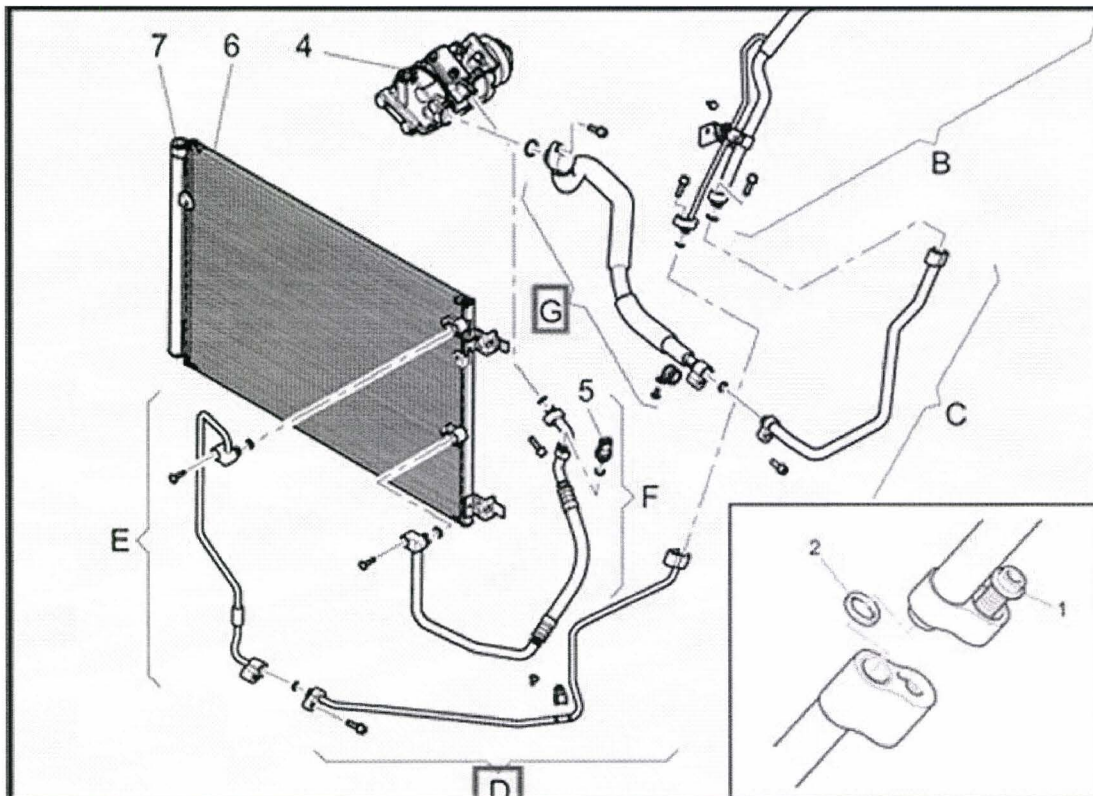



Figure 4

4. Locate and replace pipe G and D (see Figure 4). Refer to workshop manual Rep. Gr.87 Refrigeration pipes and hoses – To remove and fit
5. Fit and secure the pipes using the two new pipe clips
6. Evacuate, recharge and leak test the refrigerant system Rep.Gr.87 Refrigeration system – To discharge and charge
7. Apply yellow paint campaign identification mark to the air conditioning suction pipe (see Figure 5)
8. Refit the front wheel arch liner Rep. Gr.66 Front wheel arch liners- To Remove and Fit
9. Refit the front undersheet Rep. Gr.66 Front undersheets – To Remove and Fit
 - The vehicle can be taken out of "Jack mode". 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

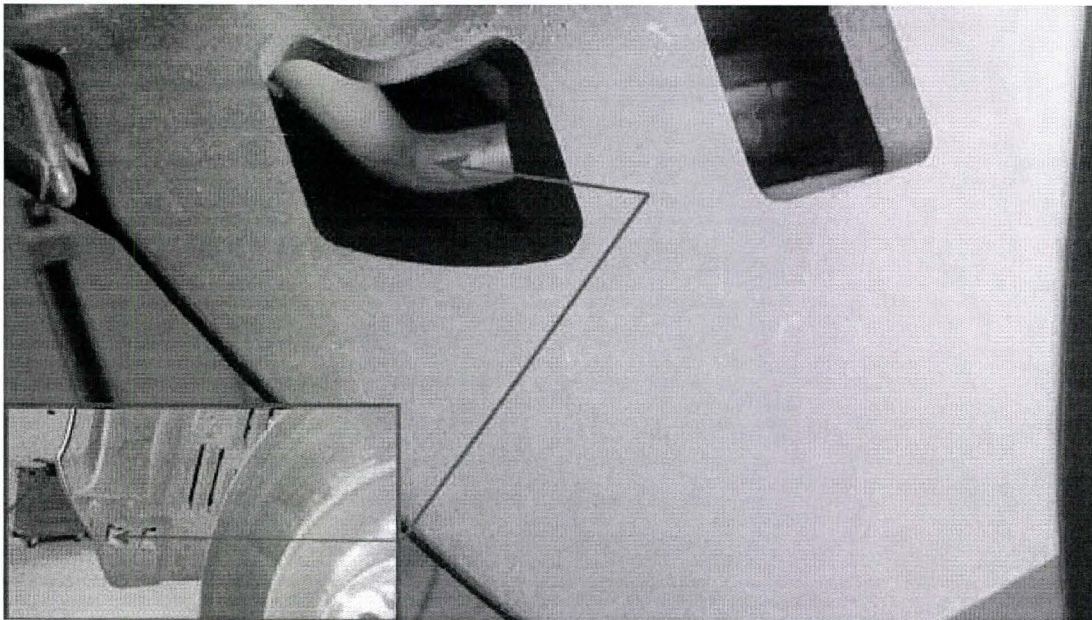


Figure 5

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 5)

▲ Repair instructions ▲ Notes