

## Technical product information

<b>Topic</b>	Night vision camera washer jet nozzle leaking
<b>Market area</b>	Australia E04 Bentley rest Asia and Australia (6E04),China 796 VW Import Comp. Ltd (Vico), Beijing (6796),Germany E02 Bentley rest Europe (6E02),Japan E03 Bentley Japan (6E03),Korea, (South) E08 Bentley South Korea (6E08),United Arab Emirates E06 Bentley Middle East and Africa (6E06),United Kingdom E01 Bentley UK (6E01),United States E05 Bentley USA and rest America (6E05)
<b>Brand</b>	Bentley
<b>Transaction No.</b>	2051045/8
<b>Level</b>	EH
<b>Status</b>	Approval
<b>Release date</b>	

### New customer code

Object of complaint	Complaint type	Position
driver assist systems, convenience features -> night-vision enhancement -> camera cleaning (night vision system)	functionality -> without function / defect	

## Vehicle data

### Bentayga Series - New GT/C - New Flying Spur

#### Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
3S3*	2018	E		*	*	*
3S3*	2019	E		*	*	*
3S3*	2020	E		*	*	*
3S3*	2021	E		*	*	*
3S3*	2022	E		*	*	*
3S3*	2023	E		*	*	*
3S4*	2019	E		*	*	*
3S4*	2020	E		*	*	*
3S4*	2021	E		*	*	*
3S4*	2022	E		*	*	*
3S4*	2023	E		*	*	*
4V1*	2017	E		*	*	*
4V1*	2018	E		*	*	*
4V1*	2019	E		*	*	*
4V1*	2020	E		*	*	*
4V1*	2021	E		*	*	*
4V1*	2022	E		*	*	*
4V1*	2023	E		*	*	*
ZG2*	2020	E		*	*	*
ZG2*	2021	E		*	*	*
ZG2*	2022	E		*	*	*
ZG2*	2023	E		*	*	*
ZV1*	2023	E		*	*	*

## Documents

Document name
master.xml

## Customer statement / workshop findings

Washer fluid dripping/leaking from the night vision camera jet nozzle

## Technical background

**Please note:** The photographs shown within this TPI are not based on a specific vehicle type, the procedure to replace the night vision non return valve is the same regardless of vehicle type

In the event the afore mentioned symptom is evident the operative should refer to the Measure section of this TPI to replace the non return valve



**NOTE:** For this particular procedure, calibration of the night vision camera system is not required unless an issue is identified with the night vision camera system resulting in camera replacement

Or

The vehicle is visiting the workshop for repairs which require calibration/adjustment to any drive assist systems including the night vision camera

**TIP:** For further details/clarification refer to Rep.Gr 44 regarding calibration/adjustment requirements for the driver assist systems

## Production change

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## Measure

### WARNING

The operative must wear suitable gloves and eye protection before conducting the next steps

- 1) Referring to Rep.Gr 63 - Remove the front bumper lower inner grilles
- 2) Disconnect the non return valve from the night vision camera nozzle assembly (Figure 1)

### NOTICE

Please note: Once the hose is disconnected washer fluid may leak, use a suitable bung to reduce fluid loss and dirt ingress

**NOTE:** Ensure a suitable container is used to collect any fluid, all fluid MUST be discarded as per all local environmental guidelines and not reused



Figure 1

3) In the event the non return valve has been previously replaced using the onward process the clip shown in Figure 2 will require removal before continuing from step 4

However

If the process has not been previously conducted the operative should continue from step 4

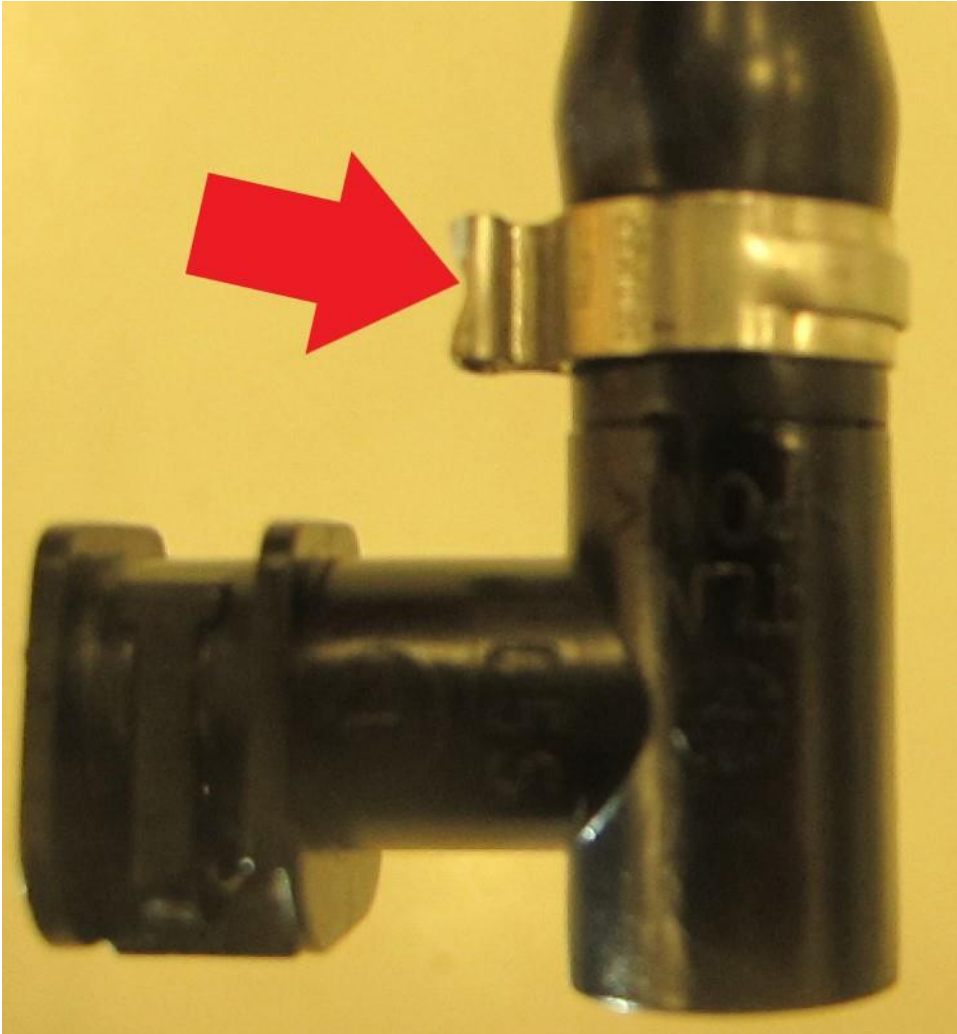


Figure 2

4) The use of a suitable plastic tool (Figure 3) can be used to attempt to loosen the hose away from the non return valve, the operative can also twist the hose (with care) to release the non return valve from the hose



**Hint: Water can also be used to help assist with the removal of the non return valve**

**TIP: DO NOT UNDER ANY CIRCUMSTANCES USE A METAL TOOL TO CONDUCT THIS PROCEDURE AS DAMAGE CAN BE CAUSED TO THE HOSE**

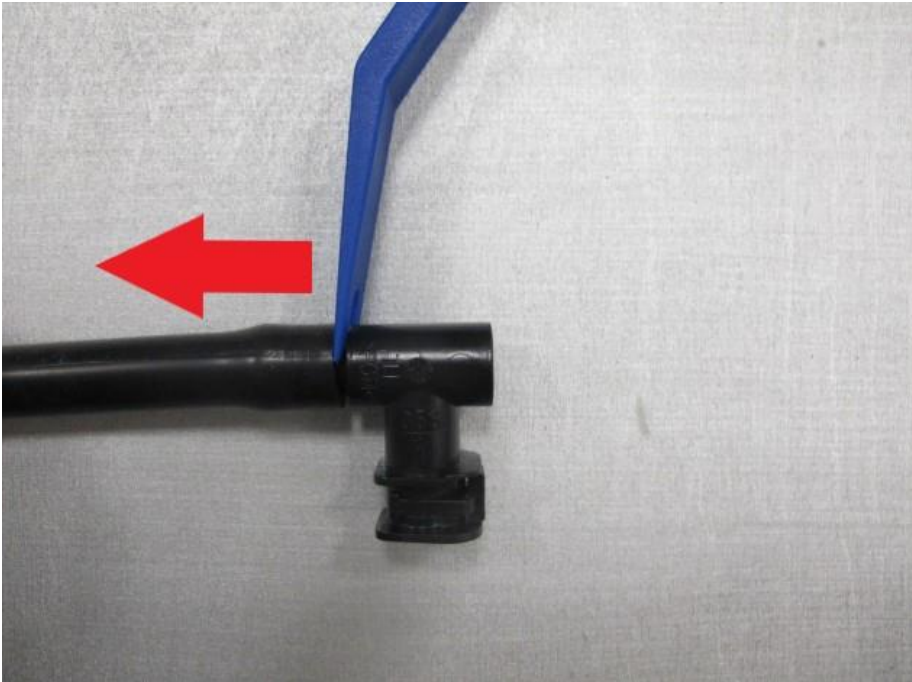


Figure 3

- Once removed discard the non return valve ensuring all local environmental guidelines are followed
- Check the overall condition of the hose

5) Install (x1) new clip onto the hose

6) Fully fit the new non return valve into the hose

HINT: If the non return valve is tight to fit, operative should use water to assist in fitment

**⚠ CAUTION**

Only water should be used to assist fitment of the non return valve

7) Using suitable pliers (for example WT 1000) secure the clip ensuring the clip is as shown once secured (Figure 4)



Figure 4

8) Reconnect the non return valve to the night vision camera washer nozzle assembly

HINT: Ensure the clip which is supplied with the non return valve is fitted and secured correctly

- Conduct a pull check to confirm correct fitment
- In the event the new clip is visible (model dependent) apply black paint to the clip
- Confirm the night vision camera washer is working to specification
- Confirm the nozzle is not dripping/leaking

9) Referring to Rep.Gr 63 - Refit the front bumper lower inner grilles

- Top up the washer fluid reservoir with approved washer fluid

## **Warranty accounting instructions**

### **Time to replace the night vision camera non return valve**

#### **All Models**

Warranty Type	110 or 910
Damage Service Number	92 66
Damage Code	00 50

#### **Labour**

Labour Operation Code	92 54 19 50
Time	10 TU

### **Time to remove and refit both front inner grilles**

#### **Bentayga**

Labour Operation Code	66 04 20 00
Time	10 TU

#### **New Flying Spur**

Labour Operation Code	66 04 20 00
Time	20 TU

#### **New Continental GT/GTC**

Labour Operation Code	66 04 20 00
Time	20 TU

## **Parts information**

(x1) Non return valve - 4H0 955 191

(x1) Clip - N10 098 001