# **Technical product information**

| Topic           | Engine coolant - Overheat condition            |  |  |
|-----------------|--|--|--|
| Market area     | Bentley: worldwide (2WBE),Hongkong-Macau (5HK) |  |  |
| Brand           | Bentley  |  |  |
| Transaction No. | 2051893/2                                      |  |  |
| Level           | EH   |  |  |
| Status          | Approval                                       |  |  |
| Release date    |  |  |  |

#### New customer code

| Object of complaint                                | Complaint type        | Position |
|--|-----------------------|----------|
| engine -> cooling, lubrication                     | functionality         |          |
| engine -> cooling system                           | functionality         |          |
| engine -> cooling system -> coolant expansion tank | leaks -> coolant leak |          |

# Vehicle data

### New Continental GT and GTC W12-Bentayga W12

### Sales types

| Туре   | MY   | Brand | Designation | Engine code | Gearbox code | Final drive code |
|--------|------|-------|-------------|-------------|--------------|------------------|
| 3S3*   | 2018 | Е     |             | *           | *            | *                |
| 3S3*   | 2019 | E     |             | *           | *            | *                |
| 3S3*   | 2020 | Е     |             | *           | *            | *                |
| 3S4*   | 2019 | Е     |             | *           | *            | *                |
| 3S4*   | 2020 | E     |             | *           | *            | *                |
| 4V14A9 | 2017 | Е     |             | *           | *            | *                |
| 4V14A9 | 2018 | E     |             | *           | *            | *                |
| 4V14A9 | 2019 | E     |             | *           | *            | *                |
| 4V14A9 | 2020 | Е     |             | *           | *            | *                |

## **Documents**

Document name master.xml

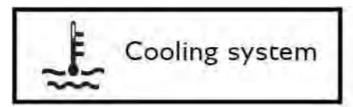
#### **Customer statement / workshop findings**

Engine coolant overheat condition

#### **Technical background**

The following symptoms are evident individually or as a combination:

- Diagnostic trouble codes (DTC's) logged within the Engine control module/srelating to "Airin system"
- Warning light in Drivers Information Panel (DIP)



Coolant loss

NOTE: Should any of the symptoms be evident refer to the Measure section of this TPI please ensure the Repair manual procedure is followed using the VIN to confirm the correct procedure is adhered to the triangle of the

Transaction No.: **2051893/2** 

#### **Production change**

-

#### **Measure**

- 1) Fully drain the cooling system Refer to Elsa Pro Rep. Gr 19 Cooling system To drain and fill
- 2) Replace the Thermostat housing (includes thermostat) Refer to Elsa Pro Rep. Gr 19 Cooling system Thermostat To replace

# DO NOT REMOVE THE THERMOSTAT FROM THE HOUSING AT ANY TIME FROM EITHER THE NEW OR OLD HOUSING.THE THERMOSTST IS ALIGNED AT THE SUPPLIER AND SHOULD NOT BE DISTURBED

### DO NOT ATTEMPT TO REFILL THE COOLANT SYSTEM WITHOUT REPLACING THE THERMOSTAT HOUSING

3) Refill the cooling system - Refer to Elsa Pro Rep. Gr 19 Cooling system - To drain and fill

#### Warranty accounting instructions

Please refer to Labour operations within Elsa pro for all applicable LOT codes and times

#### **Parts information**

| Description                          | Part Number                   | Quantity                    |
|--------------------------------------|-------------------------------|-----------------------------|
| Thermostat housing                   | Refer to ETKA parts catalogue | 1                           |
| Thermostat housing replacement parts | Refer to ETKA parts catalogue | As per Elsa pro instruction |