

## Technical Service Bulletin

<b>Topic</b>	Engine coolant - Overheat condition
<b>Market area</b>	Bentley: worldwide (2WBE),Hongkong-Macau (5HK)
<b>Brand</b>	Bentley
<b>Transaction No.</b>	2051893/3
<b>Level</b>	EH
<b>Status</b>	Released for publishing
<b>Release date</b>	May 17, 2019

### New customer code

Object of complaint	Complaint type	Position
engine -> cooling, lubrication	functionality	
engine -> cooling system	functionality	
engine -> cooling system -> coolant reservoir	leaks -> coolant leaking	

## Vehicle data

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

#### Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
3S3*	2018	E		*	*	*
3S3*	2019	E		*	*	*
3S3*	2020	E		*	*	*
3S4*	2019	E		*	*	*
3S4*	2020	E		*	*	*
4V14A9	2017	E		*	*	*
4V14A9	2018	E		*	*	*
4V14A9	2019	E		*	*	*
4V14A9	2020	E		*	*	*

## Documents

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

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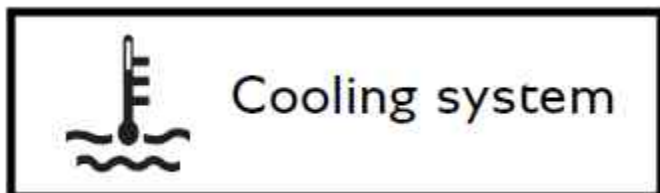
## Condition

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/s relating to "Air in 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

## Production Solution

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## Service

- 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 THERMOSTAT IS ALIGNED AT THE SUPPLIER AND SHOULD NOT BE DISTURBED**

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**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

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

## Required Parts and Tools

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