# Technical product information

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|---|---|
| **Topic** | New Continental GT / GTC - Exhaust Flap - Diagnostic Trouble Code |
| **Market area** | Russische Föderation (5RU),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) |
| **Brand** | Bentley |
| **Transaction No.** | 2060432/1 |
| **Level** | EH |
| **Status** | Approval |
| **Release date** | |

**Event memory entries**

| Diagnostic address | Event memory entry | Fault type | Fault status |
|---|---|---|---|
| 0001 - Engine electronics | P14AB00: Exhaust door control unit Mechanical malfunction | | static |
| 0011 - Engine Electronics 2 | P14AB00: Exhaust door control unit Mechanical malfunction | | Intermittent |
| 0011 - Engine Electronics 2 | P14AB00: Exhaust door control unit Mechanical malfunction | | static |
| 0001 - Engine electronics | P14AB00: Exhaust door control unit Mechanical malfunction | | Intermittent |

**New customer code**

| Object of complaint | Complaint type | Position |
|---|---|---|
| whole vehicle -> vehicle areas -> rear-end | noise, vibration -> noise | > not specified < |
| information, navigation, communication, entertainment -> symbolic fault indicators -> emission control system fault indicator | functionality -> activates | |
| whole vehicle -> vehicle areas -> rear-end | noise, vibration -> too loud | > not specified < |

**New workshop code**

| Object of complaint | Complaint type | Position |
|---|---|---|
| engine -> exhaust system, exhaust gas recirculation, emission control system -> exhaust flap control unit | functionality -> too stiff | |

# Vehicle data

## New Continental GT / GTC

**Sales types**

| Type | MY | Brand | Designation | Engine code | Gearbox code | Final drive code |
|---|---|---|---|---|---|---|
| 3S3* | 2018 | E | | * | * | * |
| 3S3* | 2019 | E | | * | * | * |
| 3S3* | 2020 | E | | * | * | * |

# Documents

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

## Customer statement / workshop findings

Warning lamp illuminated on Driver Instrument Panel (DIP)

*"Drive system fault. Contact your Bentley dealer"* displayed on DIP.

One or more of the following Diagnostic Trouble Codes (DTC's) stored within Engine Control Modules (ECM's) 1 or 2:

*P04A000: Exhaust Pressure Control Valve "B"*

*P04A000 / P047500: Exhaust Pressure Control Valve "A"*

*P14AB00: Exhaust door control unit mechanical malfunction*

*P049F00: Exhaust Pressure Control Valve "B"*

## Technical background

The root cause of Exhaust Flap Control Unit malfunction is electrical 'shorting' of the commutator segments, this is caused by an accumulation of "*Sludge*" within the Control Unit. A DTC is stored when the respective Control Unit does not move through its full range of motion.

## Production change

Exhaust Flap Control Unit grease specification updated from VIN 80093.

## Measure

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Note:

Right hand exhaust - ECU1 ( B1)

Left hand exhaust - ECU 2 ( B2)

*CAUTION: Ensure the exhaust system has fully cooled prior to working on or around it.*

Using the DTC information, conduct a visual inspection of the relative Exhaust Flap Control Unit wiring harness and connector contacts.

Carry out an ignition cycle whilst monitoring the operation of the left and right hand Exhaust Flaps, check for any operating issues.

If an Exhaust Flap is stuck in an open, closed, partially closed position or does not achieve a full range of motion continue to follow the instructions within this Technical Product Information (TPI) document – figure 1.

Do not monitor the position of the Exhaust Flaps whilst the engine is running.

Figure 1.

Remove the suspected Exhaust Flap Control Unit – Refer to *Repair Group. 26 Exhaust system – Exhaust flap control units (J883, 945) – To remove and fit.*

Check and confirm the Exhaust Flap spindle is free to open and close by hand - Figure 2.

Figure 2.

If no issue is evident and the Exhaust Flap oscillates freely by hand - replace the defective Exhaust Flap Control Unit, refer to *Repair Group. 26 Exhaust system – Exhaust flap control units (J883, 945) – To remove and fit.*

## Warranty accounting instructions

Refer to Elsa Pro Labour Operations for the applicable LOT and Codes for exhaust control unit flap removal and refit.

## Parts information

| Exhaust System Silencer Assembly | Original Exhaust Flap Control Unit | New Exhaust Flap Control Unit |
|---|---|---|
| 3SD.253.607 | 7PP.133.246.A | 3SA.133.246 |
| 3SD.253.608 | 7PP.133.246.A | 3SA.133.246 |
| 3SD.253.607.D | 7PP.133.246.B | 3SA.133.246 |
| 3SD.253.608.D | 7PP.133.246.B | 3SA.133.246 |

For the latest part information always refer to the Electronic Parts Catalogue (ETKA)