

Technical product information

Topic	Flying Spur Hybrid - Engine warning lamp evident within the DIP - DTC U041100 and/or P0A2E00 is evident
Market area	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),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.	2071458/1
Level	EH
Status	Approval
Release date	

Event memory entries

Diagnostic address	Event memory entry	Fault type	Fault status
0001 - Engine electronics	U041100: Invalid Data Received From Drive Motor Control Module "A"		Intermittent
0001 - Engine electronics	U041100: Invalid Data Received From Drive Motor Control Module "A"		static
0001 - Engine electronics	P0A2E00: Drive Motor "A" Temperature Sensor Circuit Intermittent		Intermittent
0001 - Engine electronics	P0A2E00: Drive Motor "A" Temperature Sensor Circuit Intermittent		static

New customer code

Object of complaint	Complaint type	Position
electrical power, electric system, data transfer -> power supply	functionality	
electrical power, electric system, data transfer -> battery management -> charging high-voltage battery	functionality -> defective function sequence	

Vehicle data

New Flying Spur Hybrid

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
ZG23GB	2022	E		*	*	*
ZG23GB	2023	E		*	*	*
ZG25GB	2023	E		*	*	*

Documents

Document name
master.xml

Customer statement / workshop findings

- Drive system warning evident within the DIP
- DTC U041100: Invalid Data Received From Drive Motor Control Module "A" with symptom code 23442 and/or 33303, evident within the engine control unit

And/or

- DTC P0A2E00: Drive Motor "A" Temperature Sensor Circuit, evident within the engine control unit

Technical background

CAUTION

VERY IMPORTANT: This vehicle uses a High voltage system and MUST only be worked on by suitably qualified personnel

CAUTION

VERY IMPORTANT: Please ensure all guidelines within the repair manual are strictly followed before and whilst conducting any work on vehicles with a High voltage system

Production change

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Measure

1) Referring to Figures 1 and 2 - Locate interconnect T14bq/br

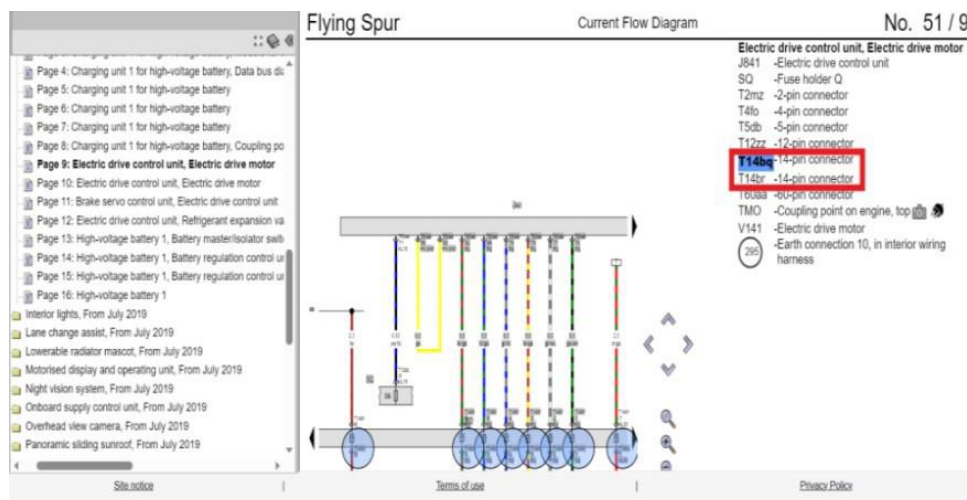


Figure 1



Figure 2

- 2) Referring to Figure 3 - Measure the resistance in $K\Omega$ from the engine side of the connector T14bq (Terminal numbers 5 and 6)
- 3) Take a photograph of the resistance result in $K\Omega$

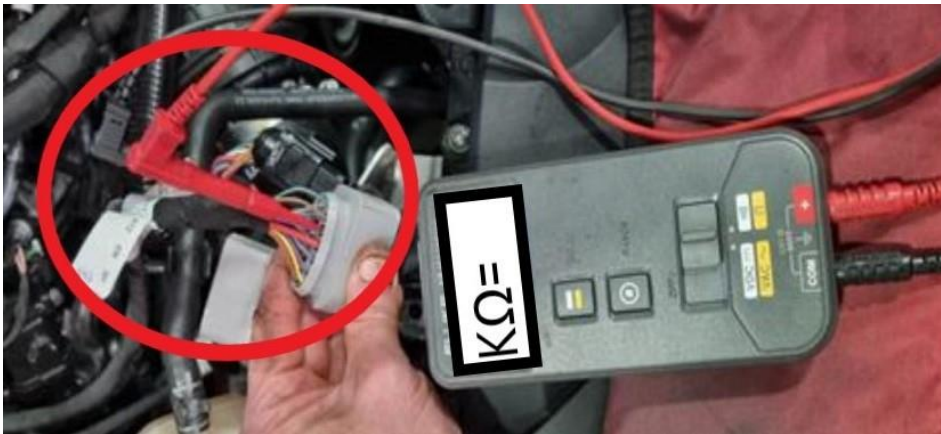


Figure 3

- 4) Referring to Figure 4 - Conduct a visual inspection of T14bq and T14br checking for any damaged pins/terminals



Figure 4

- 5) Conduct a visual inspection of the harness, inspect the harness from the interconnect to the G712 temperature sender, checking for any signs of damage/chaffing

NOTICE

NOTICE: The loom branches off and tracks down the side of the bank 1 cylinder head, some sections of the harness cannot be inspected due to the location of surrounding components Do Not remove any components unless instructed via the open DISS query

6) Once all of the suggested checks have been conducted please raise a new DISS query or respond via an existing query ensuring the following is attached

- Photograph of the resistance measurement
- Photograph of any other issues found for example - Chaffing harness or damaged connector terminals
- Current online ODIS log



The operative must wait for a response via the open DISS query before conducting any further work

Warranty accounting instructions

Warranty type 110 or 910

Damage service number 93 45

Damage code 00 40

Diagnosis time

Labour

Labour Operation Code 01 50 00 00

Time As per ODIS log (must not exceed 30 TU)