

Technical product information

Topic	Transmission communication DTC's (Numerous)
Market area	Bentley: worldwide (2WBE)
Brand	Bentley
Transaction No.	2059068/1
Level	EH
Status	Approval
Release date	

New customer code

Object of complaint	Complaint type	Position
vehicle service -> vehicle diagnosis -> guided fault finding	control units, services -> with event log entry	
electrical power, electric system, data transfer -> data bus systems	component / consumables	
power transmission -> power distribution, power flow -> power flow	functionality -> without function / defect	
electrical power, electric system, data transfer -> power supply	functionality	

Vehicle data

New Continental GT and New Continental GTC

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
3S*	2018	E		*	*	*
3S*	2019	E		*	*	*
3S*	2020	E		*	*	*

Documents

Document name
master.xml
transmissionresistancevalues.pdf

Customer statement / workshop findings

Customer statement

Drive system fault active on DIP (Figure 1)



Figure 1

Workshop findings

Various/numerous Transmission control module (TCM) communication DTC's logged

Technical background

Loose pins within the transmission link loom to Mechatronic unit for dual clutch gearbox -J743- connections can lead to communication based DTC's

Production change

Not applicable

Measure

-
- Ensure the ignition is switched off for the duration of this procedure
- 1) Remove the left hand front wheel arch liner - Refer to Repair manual Rep.Gr 66
 - 2) Gain access and disconnect the transmission control module plug T58ag - Refer to Repair manual Rep.Gr 37
 - Referring to Figure 2 and the applicable current flow diagram - Disconnect the three connections
 - 3) Once disconnected carry out pin/terminal grab checks on all male and female connections (All three connections)

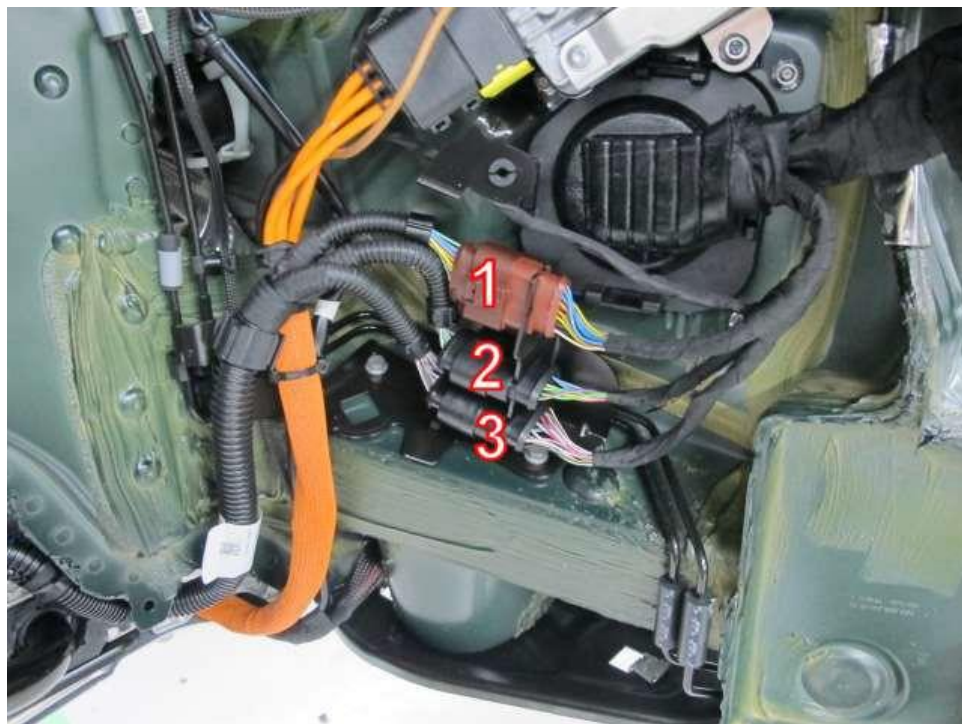


Figure 2

- 4) Remove the rear subframe support – Rep.Gr 40 (Figure 3)



Figure 3

5) Disconnect the connections (Figure 4) from the Mechatronic unit for dual clutch gearbox -J743-

- Referring to the attached PDF document - Carry out resistance checks as detailed for the connectors shown in Figures 4 and 5
- Carry out pin/terminal grab checks on all connections (male and female)

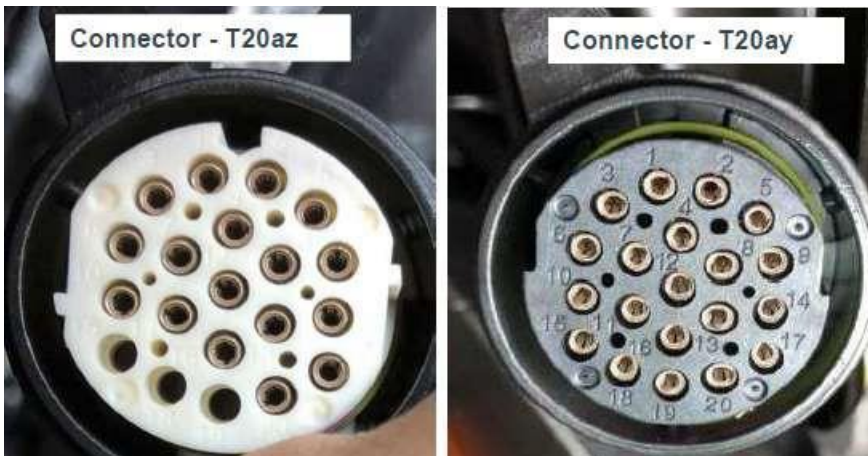


Figure 4

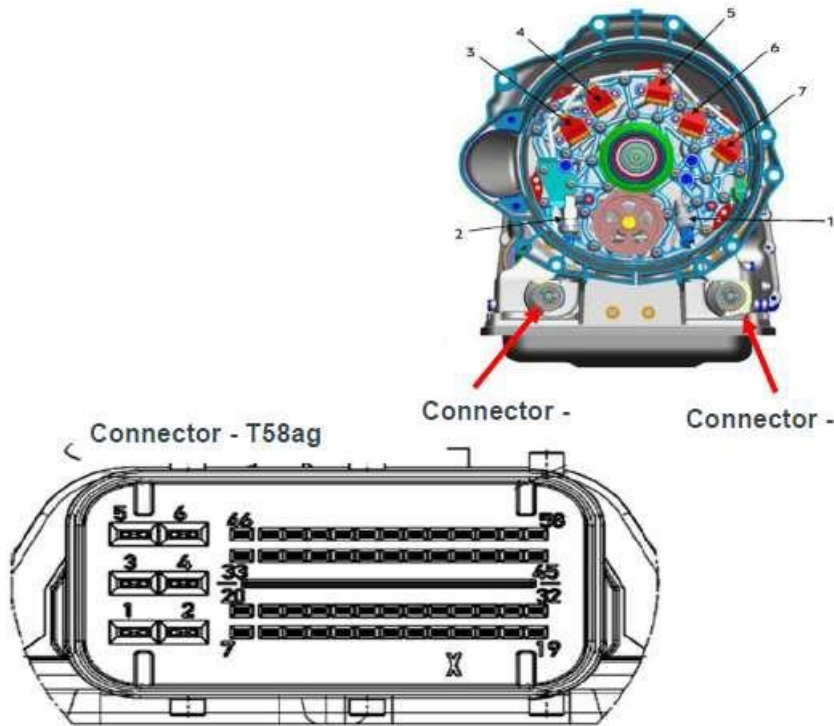


Figure 5

6) Should any issues be found on either end of the link harness, the link harness should be replaced.

Should any issues be found with the Mechatronic unit for dual clutch gearbox -J743- pin connections or the transmission control module pin connections - please raise a DISS query and await feedback before carrying out any further work

Should any issues be found with the male connections of any of the three connections (pins) these can be replaced as per normal wiring repair guidelines

Warranty accounting instructions

Warranty type: 910 or 110

Service ID number: 9797

Damage type: 0040

Labour

Time to conduct wiring checks

Labour operation code: 38 85 01 05

Time: 160 Time units

Time to replace link harness

Labour operation code: 38 85 55 55

Time 20 Time units

For both LOT's use index 99 until 07.05.2020

Parts information

Part number	Description	Quantity
971 971 771	Link harness	1