Technical Service Bulletin

Topic	58-Way Transmission Control Module (TCM) Connector - Terminal Replacement
Market area	Bentley: worldwide (2WBE),China 796 VW Import Comp. Ltd (Vico), Beijing (6796)
Brand	Bentley
Transaction No.	2080753/1
Level	EH
Status	Released for publishing
Release date	Feb 4, 2026

New customer code

Object of complaint	Complaint type	Position
transmission -> power distribution, transmission of power	functionality	
power, vehicle electrical system, data transfer -> power supply	functionality	
transmission -> transmission control operation	functionality	
power, vehicle electrical system, data transfer -> databus systems -> diagnostic connector	component, automotive fluids -> loose	
power, vehicle electrical system, data transfer -> databus systems	component, automotive fluids	

Vehicle data

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		*	*	*
3S3*	2021	E		*	*	*
3S3*	2022	E		*	*	*
3S3*	2023	E		*	*	*
3S3*	2024	E		*	*	*
3S4*	2019	E		*	*	*
3S4*	2020	E		*	*	*
3S4*	2021	E		*	*	*

3S4*	2022	E		*	*	*
3S4*	2023	E		*	*	*
3S4*	2024	E		*	*	*
Z23*	2025	E		*	*	*
Z23*	2026	E		*	*	*
Z24*	2025	E		*	*	*
Z24*	2026	E		*	*	*

Flying Spur

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
Z32*	2025	E		*	*	*
Z32*	2026	E		*	*	*
ZG2*	2020	E		*	*	*
ZG2*	2021	E		*	*	*
ZG2*	2022	E		*	*	*
ZG2*	2023	E		*	*	*
ZG2*	2024	E		*	*	*

Documents

Document name
master.xml

Technical Service Bulletin

Transaction No.: **2080753 /1**

58-Way Transmission Control Module (TCM) Connector - Terminal Replacement

Release date: Feb 4, 2026

Condition

Customer statement

Customers may report one or more of the following concerns:

- Transmission related warning messages displayed in the instrument cluster.
- Irregular or unexpected gearshift behaviour.
- Intermittent drivability concerns.

Workshop Findings

The customer concern has been confirmed during workshop investigation, along with one or more of the following:

- Various DTCs stored in 02 – Transmission Control Module.
- DTC root cause linked to loose, opened, or damaged female terminals in the 58way Transmission Control Module connector.
- Evidence of poor terminal tension when conducting a drag test.

Technical Background

Over an extended period of service, the female terminals within the 58-way TCM connector may exhibit minor changes in fit. This condition can contribute to:

- Reduced consistency of electrical contact
- Intermittent signal interruptions that may result in system DTCs
- Variations in TCM behaviour.

The approved service solution is to replace any affected terminals using VW terminal 000 979 034 E, which is supplied in packs of 5 (sufficient for 10 terminal repairs).

Production Solution

Not applicable

Service

WARNING

Risk of Electric Shock: Disconnect the vehicle's 12V battery before working on electrical connectors to prevent accidental short circuits or injury.

CAUTION

Avoid Short Circuits: Do not bridge terminals or apply external voltage to control units as this can cause irreversible damage.

Diagnosis:

1. Perform a full vehicle diagnostic scan.

2. Record and clear all DTCs.

3. Position the car on a ramp. Refer to ElsaPro booklet 404 - "Raising the raising and supporting the car".

4. Remove the front undersheet. Refer to ElsaPro repair group 66 - "Front undersheet – To remove and fit".

5. Conduct a drag test on all suspect terminals within the 58-way TCM connector.

6. Identify terminals with:

- Low retention force
- Visible deformation
- Evidence of arcing or corrosion

Terminal Replacement Procedure:

NOTICE

Refer to the information below and ElsaPro Repair Group 97 Wiring harness repairs

7. Disconnect battery per manufacturer guidelines.

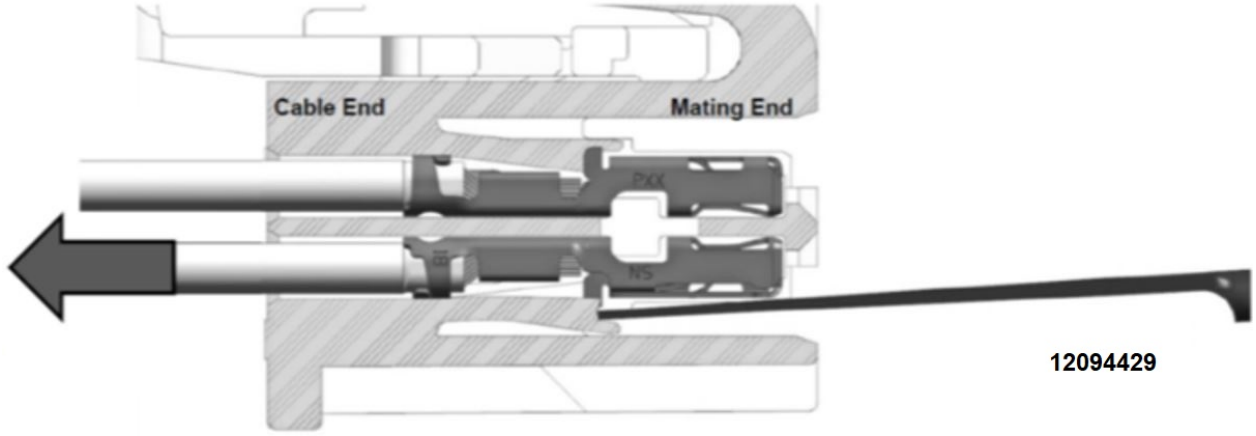

Figure 1. *Terminal removal*

8. To remove a defective contact terminal, follow the steps below and see the diagram in figure 1:
    a. Locate the flex lock at the front end of the cavity.
    b. Insert Tool ***12094429*** straight into the cavity.
    c. Deflect the flex lock to unseat the terminal.
    d. Gently pull on the cable to remove the female terminal from the receptacle.

9. Crimp a new female terminal **000 979 034 E** using the correct crimping tool.
    a. Insert the new terminal into the correct cavity until a positive click is felt.
    b. Remove insulation from cable end (6-7mm) using cable stripper.
    c. Insert the stripped end of the cable into your chosen terminal/connector and ensure they're properly aligned.
    d. Position the cable and the connectors onto the jaws/dies of the crimping tool.
    e. Apply pressure on the handles of the crimping tool to crimp the connector to the cable conductor.
    f. A clicking sound may be hard, and the tool will automatically release it once a crimping cycle is done.
    g. Feed in the repaired cable terminal back into the connector. The contact must click in audibly.

10. Reassemble connector and verify correct seating.

11. Rebuild the vehicle back to specification.

12. Reconnect battery.

13. Perform a full diagnostic scan and confirm no TCM DTCs return.

14. Conduct a road test if any drivability related complaints were reported.

Warranty

Warranty Type – 110 or 910

Damage Service Number – 97 09

Damage Code – 00 28

Labour

Time to perform GFF diagnosis

Labour Operation Code – 01 50 00 00

Time – 30 TU

Time to remove and install front under sheet

Labour Operation Code – 10 80 19 00

Time – 60 TU

Time to check central wiring harness terminals

Labour Operation Code – 97 09 01 01

Time – 10 TU

Time to repair central wiring harness terminals x 1

Labour Operation Code – 97 09 41 51

Time – 30 TU

Time to repair central wiring harness terminals x 3

Labour Operation Code – 97 09 41 53

Time – 50 TU

Road Test

Labour operation code 01 21 00 01

Time – 30 TU

Required Parts and Tools

Part Number	Description	Qty
000 979 034 E	Female terminal (suitable for 0.35 & 0.50 CSA) – supplied in packs of 5	As required
See ETKA	Crimp connector tool (VAS 1978 B)	As needed

Always refer to ETKA pars catalogue