

Tiguan climate-module/compressor/fan interaction

FIX-004 / REV A / 2026.09.01

Separate cabin airflow, refrigerant cooling and control requests to avoid replacing parts by guesswork.

STATUS	Recovered/Partial
CLASSIFICATION	FIX
MATERIAL	TROUBLESHOOTING
DISPOSITION	PUBLIC / RECOVERED/PARTIAL
CATEGORY	Repairs / Technology
RECORD TYPE	troubleshooting

GOAL

Run the first test described in this guide and record the result for tiguan climate-module/compressor/fan interaction.

SOURCE STATE

New reference guidance; not a recovered test result

EQUIPMENT

- Basic inspection tools
- Service information for the exact model
- Notebook or photo record

METHOD / STEPS

1. Record model year, ambient temperature, vent temperature and whether airflow or only cooling changes.
2. Compare behavior at idle and while moving, and note all climate/engine warning messages.
3. Have a VW-capable diagnostic scan check climate and engine faults, compressor request/inhibit data and relevant sensors.
4. Use the model-specific service procedure to test condenser/radiator fan operation and refrigerant charge by proper equipment before condemning a module or compressor.

THINGS TO WATCH FOR

A spinning pulley does not necessarily prove compressor pumping on every design. Low refrigerant, electrical faults and control inhibition can mimic each other. Keep clear of fans that may start automatically.

FIRST TEST / WHAT TO RECORD

The diagnosis connects observed commands and measurements to the failed subsystem, with the exact vehicle year recorded.

RESULT / WHERE THIS STANDS

The diagnosis connects observed commands and measurements to the failed subsystem, with the exact vehicle year recorded.

TROUBLESHOOTING

- A spinning pulley does not necessarily prove compressor pumping on every design. Low refrigerant, electrical faults and control inhibition can mimic each other. Keep clear of fans that may start automatically.

SAFETY / LIMITATIONS

- Use qualified judgment and current manufacturer or code guidance for safety-critical work.

SPECIFICATION

TYPE	Troubleshooting
SUBJECT	Tiguan climate-module/compressor/fan interaction
VALIDATION	Observed symptom / tested cause / result

DEVELOPMENT HISTORY

2026.09.01 / Rev A

Imported as an independent manifest record; public copy keeps uncertainty visible.

REFERENCE NOTES

Volkswagen owner reference
(<https://www.vw.com/en/owners-and-services/about-my-vehicle/owners-manuals.html>).

HOW-TO SOURCES

Volkswagen owner reference

<https://www.vw.com/en/owners-and-services/about-my-vehicle/owners-manuals.html>

RELEASED MATERIAL / SOURCE LINKS

fix-004-public-summary.txt

PUBLIC SUMMARY / RECOVERED NOTES

<https://u225x.com/downloads/manifest-records/fix-004-public-summary.txt>

RETURN TO THE LIVING RECORD

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This PDF preserves the public notes at this revision. Visit the record for updates and attached images.

<https://u225x.com/record/FIX-004>