



01-22-04 - Unnecessary replacement of Engine/Motor Control Module -J623-

Release date: 12/16/2024

Condition

Applicable Vehicles					
Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
Tiguan	2021-2024	All	All	All	All

Revision Table			
Instance Number	Published Date	Version Number	Reason For Update
2067010/5	12/16/2022	01-22-04	Update to GFF labor operation number and include battery charge labor operation.
2067010/4	03/11/2022	01-22-04	Update to include additional model year applicability.
2067010/2	07/26/2022	01-22-04	Update to labor operation time units in warranty table.
2067010/1	05/11/2022	01-22-04	Original publication.

Unnecessary replacement of Engine/Motor Control Module -**J623**- (ECM) due to faulty starter motor. Faults stored in Engine/Motor Control Module -**J623**- may lead technician to incorrect repair of the vehicle.

The following group or more of fault codes must be stored in the Engine/Motor Control Module -**J623**- (ECM) Fault Memory in order for this technical bulletin to apply.

DTC	Description
U000100	High Speed CAN Communication Bus
P06E9	Engine Starter Performance
P06EF	Engine Restart Performance



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U041600	Invalid Data Received from Vehicle Dynamics Control Module
P060C (Symptom code 20359)	Internal Control Module Main Processor Performance
P060C (Symptom code 31586)	Internal Control Module Main Processor Performance
P2532	Ignition Switch Run Position Circuit High
P0606	ECM/PCM Processor
P1624	Requirement - malfunction lamp on active

Technical Background

Contamination inside the starter motor may cause an intermittent open circuit of the internal contacts.

Production Solution

Final production counter measure pending.

Service

NOTICE

When applicable, ensure any one time use part or parts are replaced in accordance with the repair manual information in Elsa.

DO NOT replace the ECM for this concern. ECM faults P060C and P0606 are stored in the ECM as a result of the starter motor failing to start the vehicle after a start/stop event.

If the above group of faults are stored in the ECM, replace the starter motor, clear the faults, and test drive the vehicle. If no faults return, no further work is required.

If any faults do return, additional diagnosis is needed.



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Warranty

To determine if this procedure is covered under Warranty, always refer to the Warranty Policies and Procedures Manual ¹⁾

Model(s)	Year(s)	Eng. Code(s)	Trans. Code(s)	VIN Range From	VIN Range To
Tiguan	2021-2024	All	All	All	All

SAGA Coding

Claim Type:

Use applicable Claim Type ¹⁾

Service Number:	Damage Code	HST	Damage Location (Depends on Service No.)
2760	0040	--	--

Parts Manufacturer	Tiguan	3ME ²⁾

Labor Operation ³⁾: Battery charge 27068950 = see Elsa for latest time units.

Labor Operation ³⁾: Remove and reinstall starter motor 27601973 = see Elsa for latest time units.

Labor Operation ³⁾: Remove and reinstall air cleaner 24251970 = see Elsa for latest time units.

Causal Part: Select Labor operation 27601973

Diagnostic Time ⁴⁾

GFF/Guided Functions	01500060 = Time stated on GFF log	Yes
Road Test	01210004 = see Elsa for latest time units.	Yes
Technical Diagnosis	01320000 = 00 TU max.	No

Claim Comment: Input "As per Technical Bulletin 2067010" in comment section of Warranty Claim.

¹⁾ Vehicle may be outside any Warranty in which case this Technical Bulletin is informational only.



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- 2) Code per warranty vendor code policy.
- 3) Labor Time Units (TUs) are subject to change with ELSA updates.
- 4) Documentation required per Warranty Policies and Procedures Manual.

Required Parts and Tools

Part No:	Part Description	Quantity
02M911022F / FX*	Starter Motor	1

Part numbers are accurate at time of publication. Always refer to ETKA for the latest part information.

Tool Description	Tool No:
Midtronics Battery Maintainer	MYRMSP0702
VAS Diagnostic Tool	VAS 6150/X & VAS 6160/X with ODIS Service with: current online updates

Additional Information

All part and service references provided in this Technical Bulletin are subject to change and/or removal. Always check with your Parts Dept. and Repair Manuals for the latest information.