

Technical Bulletin



Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
Touareg	2008-2009	3.6L (BHK)	All	7L_8D000001	7L_9D034155

Condition

27 10 02 July 14, 2010 **2020793** Supersedes T. B. Group 27 number 09-04 Dated Nov. 11, 2009 to update warranty table labor operation time units.

Generator, Intermittent Charge Warning Light ON, Low Voltage Indication on Gauge

- Charge warning light ON.
- Voltage display of the voltmeter drops to 0 volts.
- Error messages in dash insert "consumer cut-off active".

After switching the ignition OFF and ON the complaint is gone.

Technical Background

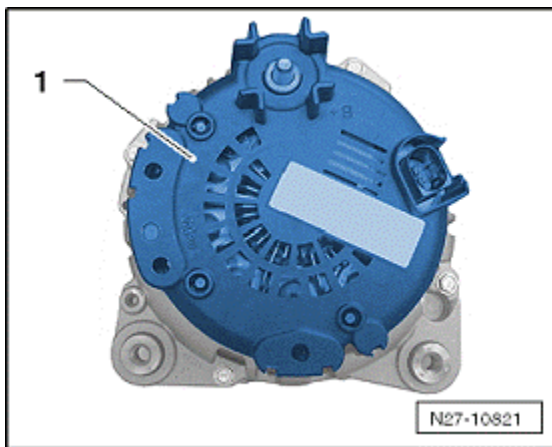
Incorrect voltage regulator installed in Valeo generators. Valeo generator Part No. 021-903-016 between production dates 51/07- 01/09.

Production Solution

Revised regulator Part No. 059 903 803G starting with VIN 7L_9D034156.

Service

Procedure



- Remove generator from vehicle, see Repair Manual group 27 in ElsaWeb.
- Gently pry off the voltage regulator cover, see illustration 1.

Illustration 1



Illustration 2

- Carefully remove cap (A) for the voltage regulator, see illustration 2.

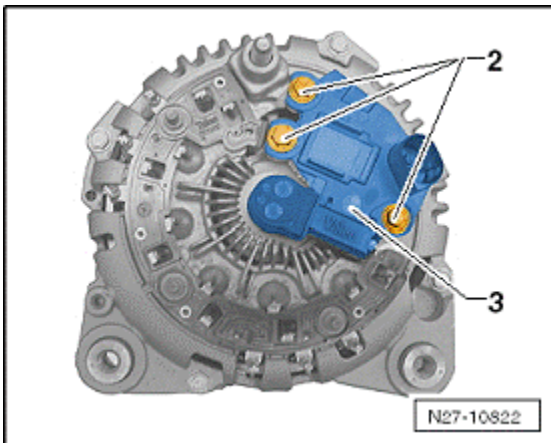


Illustration 3

- Remove voltage regulator retaining bolts (2) and pin (3).
- Remove voltage regulator.



Illustration 4



Tip:

DO NOT apply grease to commutator, see illustration 4.

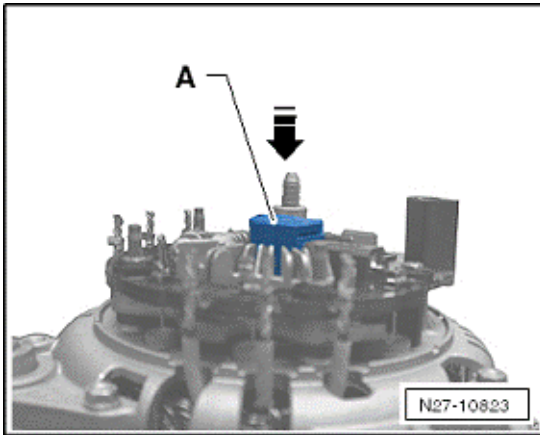
- Position new voltage regulator and reposition bolts and pin.



Tip:

The Carbon brushes must not protrude from the opening of the protective cap. DO NOT depress regulator protective cap before tightening the regulator bolts.

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- Tighten voltage regulator bolts and pin to 2.6-4.8Nm (23-42 in. lbs.).
- To release the carbon brushes, press down cap (A), until it is flush with the voltage regulator housing.
- Install regulator cover previously removed in illustration 1.
- Install the generator, see Repair Manual group 27 in ElsaWeb.

Illustration 5

Warranty

To determine if this procedure is covered under Warranty, always refer to the Warranty Policies and Procedures Manual ¹⁾					
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Touareg	2008-2009	3.6L (BHK)	All	7L_8D000001	7L_9D034155
Claim Type:			Use applicable Claim Type ¹⁾		
SAGA Coding					
Service Number:	Damage Code	HST	Damage Location (Depends on Service No.)	Parts Manufacturer (removed part)	
2750	0040	--	Use applicable when indicated in ElsaWeb (L/R)	V L 2 ²⁾	
Labor Operation ³⁾ : Replace Regulator			27501950 = 20 TU		
Labor Operation ³⁾ : Remove and install generator 3.6L FSI			27221919 = 130 TU		
Diagnostic Time ⁴⁾					
GFF Time expenditure	01500000 = 00 TU max.		NO		
Road Test	01210002 & 01210004		NO		
Technical Diagnosis	0132xxxx = 00 TU max.		NO		

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Claim Comment: Input "As per Technical Bulletin 2020793" in comment section of Warranty Claim.

- 1) Vehicle may be outside any Warranty in which case this Technical Bulletin is informational only
- 2) Code per warranty vendor code policy.
- 3) Labor Time Units (TUs) are subject to change with Elsa updates.
- 4) Documentation required per Warranty Policy & Procedures Manual.

Required Parts and Tools

Part Description	Part No:
Voltage Regulator	059903803G

No Special Tools required.

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.